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

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## Addendum I

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

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

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

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

The following example illustrates the changes :-

## September 2002

```

NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID 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
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

```

## Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

## Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

## Addendum II

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

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

## Addendum III

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

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



2013 SEP

1

PGC 01 00:12:34.9-0.6, 48.82N-129.32W, h10km, ML.S2.9/34, Mw3.5/34, Mw3.6/34, 249km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region
IDC 01 00:12:37.4-2.5, 49.05N-129.14W, h0km, mb3.9/1, mb1 3.8/6, mb1mx3.5/39, mbtmp3.6/6, ML3.2/5, MS3.4/2, Ms1 3.4/2, ms1mx2.9/40, Error ellipse: s-maj=50.9km s-min=14.3km az=78.0

ISC 01 00:12:34.5-2.1, 48.85N-129.20W, 0.07, 10km, 20km, n69, n197/79, Vancouver Island region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their coordinates.

ISC/JCB 01 00:29:17.6-0.6, 19.3S-0.1, 177.6W-0.1, h600km, Error ellipse: s-maj=20.3km s-min=11.0km az=148.3
IDC 01 00:29:18.8-2.0, 19.28S-177.60W, h601km, 24km, mb3.4/12, mb1 3.6/14, mb1mx3.4/33, mbtmp3.4/14, Error ellipse: s-maj=22.4km s-min=10.7km az=155.0

ISC 01 00:29:18.6-0.6, 19.25S-0.2, 177.6W-0.1, h600km, n44, c075/47, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in the Fiji Islands region.

Table with columns: ILAR, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in the Mexico region.

MEX 01 00:42:41.4-0.8, 16.15N-97.59W, h16km, 11km, MD3.5, Oaxaca

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in Oaxaca, Mexico.

ISC/JCB 01 00:45:34.1-0.8, 11.65S-0.05, 118.19E-0.05, h10km, mb3.7/1, Error ellipse: s-maj=8.3km s-min=7.1km az=36.7
IDC 01 00:45:34.7-3.7, 11.84S-117.97E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.5/28, mbtmp3.6/4, ML3.7/3, Error ellipse: s-maj=250.2km s-min=25.6km az=47.0

DJA 01 00:45:36.5-0.5, 12.3S-3.11E, h10km, M3.9/6, mb4.1/2, MLV3.7/6

ISC 01 00:45:34.3-1.0, 11.80S-0.07, 118.20E-0.06, h10km, n10, c323/16, South of Sumbawa

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in South of Sumbawa.

ISC/JCB 01 01:02:33.6-0.3, 24.43N-0.01, 122.04E-0.01, h7km, 2km, Error ellipse: s-maj=2.1km s-min=1.8km az=143.7
JMA 01 01:02:34.0, 24.42N-121.96E, h27km, 2km, M3.4
TAP 01 01:02:34.1, 24.45N-121.95E, h27km, 2km, M3.5

ISC 01 01:02:34.1, 24.44N-121.95E, h18km, 2km, n11, c089/173, 11C-16D, Taiwan

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in Taiwan.

1d 1h

Table with columns: NDT, Station Name, Delta A, Azimuth, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in the 1d 1h region.

1d 1h

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Suanglung, Yuchir, Kuning, etc.

THR 01 01:31:52.5, 26.88N, 50.30E, h15km, ML3.4, DSN 01 01:31:56.6, 1.2, 27.40N, 54.06E, h10km, ML3.7/7, Error ellipse: s-maj=16.6km s-min=6.2km az=11.0

ISC/JB 01 01:31:59.2, 0.8, 27.27N, 0.1, 10.54E, 0.2, h19km, Error ellipse: s-maj=22.8km s-min=8.3km az=148.7

ISC 01 01:32:00.1, 1.6, 27.26N, 0.09, 54.2E, 0.1, h19km, n13, c=051/11, Southern Iran

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Ghir-Karzin, Ghir, BNDS, etc.

ISC/JB 01 01:33:21.8, 0.7, 28.16N, 0.09, 99.7E, 0.1, h10km, mb3.7/5, MS3.1/3, Error ellipse: s-maj=21.9km s-min=6.4km

ISC 01 01:33:23.0, 1.1, 28.12N, 99.54E, h0km, mb3.7/6, mb1.3/7, mb1mx3.5/6, mbtmp3.7/7, ML3.9/1, MS3.1/4, Ms1.3/2, Ms1mx2.7/39, Error ellipse: s-maj=50.5km s-min=17.1km az=72.0

BUI 01 01:33:23.6, 0.0, 28.19N, 99.49E, h10km, mb3.8/1, ML3.4/7, ISC 01 01:33:24.2, 1.0, 28.23N, 0.10, 99.61E, 0.09, h10km, n12,

2021 SEP

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Kuning, Kallekele, Gaiyang, etc.

ISC/JB 01 01:36:14.1, 0.7, 5.55S, 0.10, 147.1E, 0.1, h195km, mb3.6/7, Error ellipse: s-maj=18.7km s-min=11.9km

IDC 01 01:36:16.4, 2.7, 5.49S, 146.81E, h192km, 26km, mb3.3/7, mb1.3/7, mb1mx3.4/6, mbtmp4.1/10, Error ellipse: s-maj=37.3km s-min=11.7km az=106.0

ISC 01 01:36:15.8, 0.7, 5.51S, 0.10, 147.1E, 0.1, h195km, n13, c=120/13, mb3.7/7, Eastern New Guinea region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Port Moresby, Kravat, etc.

IDC 01 01:43:26.4, 1.3, 34.90N, 125.95E, h0km, mb3.5/4, mb1.3/5, mb1mx3.3/5, mbtmp3.5/7, ML3.0/3, Error ellipse: s-maj=38.8km s-min=18.0km az=169.0

ATH 01 01:43:27.4, 34.92N, 25.95E, h13km, 1km, ML3.1/8, Error ellipse: s-maj=2.7km s-min=0.8km az=350.0

ISC/JB 01 01:43:27.3, 0.8, 34.91N, 0.04, 26.01E, 0.02, h6km, 4km, mb3.3/4, Error ellipse: s-maj=6.9km s-min=2.8km az=175.0

THE 01 01:43:27.9, 34.96N, 25.98E, h2km, 1km, ML3.1/7, Error ellipse: s-maj=2.0km s-min=0.7km az=168.0

DDA 01 01:43:49.9, 35.91N, 27.67E, h23km, 2km, ML3.0, ISC 01 01:43:28.3, 35.04N, 25.98E, h5km, ML3.3/23

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Zakros, Neapolis, Lasithi, etc.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Santorini, Thira Island, etc.

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

ISC/JB 01 01:47:53.6, 0.5, 41.35N, 0.02, 20.07E, 0.03, h5km, 3km, Error ellipse: s-maj=4.4km s-min=2.8km az=49.0

ATH 01 01:47:53.4, 41.42N, 20.19E, h12km, 2km, ML2.3/1, Error ellipse: s-maj=5.2km s-min=1.2km az=190.0

TIR 01 01:47:53.6, 41.35N, 20.18E, h6km, M2.5/4, SKO 01 01:47:55.0, 41.37N, 20.13E, h0km, M1.8, ML2.3

BEO 01 01:47:54.0, 41.33N, 20.10E, h3km, 2km, ML1.9/11, ISC 01 01:47:54.1, 0.9, 41.38N, 0.02, 20.16E, 0.02, h10km, 8km, n44, c=1905/66, Albania

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IVAS, KKB, NOCI, BOVUS, etc.

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

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

MEX 01 02:25:58.2±0.5, 15°17'N-93°09'W, h71km±12km, MD3.6, Near coast of Chiapas

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

JMA 01 02:28:06.6±0.1, 23°33'N-120°75'E, h0km, M3.7
TAP 01 02:28:07.2±0.2, 23°29'N-120°74'E, h14km, ML4.0, B
ASIES 01 02:28:07.9±0.2, 23°29'N-120°75'E, h21km, MW3.5
ISCJB 01 02:28:08.2±0.2, 23°28'N-120°74'E, h0.0, 0.0, 0.0, 1.1km, Error ellipse: s-maj=1.8km s-min=1.5km az=12.8

ISC 01 02:28:07.5±0.8, 23°29'N-120°74'E, h15km±5km, n113, s08/83/194, 1C-29D, Taiwan

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TPUB, TPUB, WTP, WTP, etc.

Large table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HGSD, HGSD, MASBT, MASBT, etc.

Large table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NANS, NANS, NANS, NANS, etc.

ISCJB 01 02:29:07.0±0.6, 43°09'N-103°77'56"E, h10km±4km, Error ellipse: s-maj=4.8km s-min=3.6km az=12.6
KRNET 01 02:29:06.8±0.1, 43°09'N-77°55'E, h22km, mb2.2
NNC 01 02:29:06.8±0.3, 43°13'N-77°58'E, h0km, mb2.0, mpv2.8, Error ellipse: s-maj=4.8km s-min=1.8km az=4.0

SOME 01 02:29:07.4, 43°10'N-77°55'E, h10km, ISC 01 02:29:06.5±1.1, 43°09'N-103°77'56"E, h15km±10km, n25, s07/48, 10C-5D, Lake Issyk-Kul region

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

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like UZB, Uzynbulak, KUU, Kurty, ULHL, ULH, BOOM, Booms koye usch, TKM2, Tokmak 2, TKM2, Tokmak 2, TKM2.

KRNET 01 02:40:40.1±0.1, 39°02'N-71°68'E, mb2.7
SOME 01 02:40:50.6, 40°02'N-72°27'E, h5km
NNC 01 02:40:50.1±17.0, 39°82'N-71°49'E, h12km, 86km, mb3.3,

ISC 01 02:40:46.3±2.9, 39°6'N-71°79'E, h1km, 14km, n11,
±148/19, 11C-6D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BATK, ARK, IUG, AML, ARLS, MRKS, EKS2, KZA, KK31, AAK, AB31.

TAP 01 02:45:02.6, 24°10'N-121°64'E, h10km, ML2.2, 3D, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TWD, NACB, HWA, ETLH, ETLH, ETLH, ENA, WHF, NANB, NNSB, NNS, CHGB, NDT, WNT, YHNB, TWE, NSK, EOS1, SLBB, SLBB.

TAP 01 02:45:04.5, 23°29'N-120°74'E, h14km, ML3.3, 1C-13D, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TPUB, TPUB, WTP.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WTP, STYT, CHN4, CHN1, CHN1, SNST, ELDTW, ELDTW, YUS, YUS, SLGT, SLGT, CHY, CHY, CHN3, CHN3, WHYT, WHYT, WGK, WGK, WDLH, WDLH, WLBG, WLBG, SCLT, SCLT, SCLT, SCLT, TWF1, TWF1, YULB, YULB, TAI1, TAI1, WJS, WJS, SSLB, SSLB, SSLB, SSLB, TWM1, TWM1, SSD, SSD, SSD, SSD, TWG, TWG, TWGB, TWGB, EHY, EHY, EHY, EHY, WSF, WSF, WNT, WNT, VWDT, VWDT, VWDT, VWDT, SGLT, SGLT, CHKT, CHKT, TYC, TYC, TYC, TYC, SNJT, SNJT, TTN, TTN, TTN, TTN, HGSD, HGSD, MASBT, MASBT, RLNB, RLNB, WMLT, WMLT, ECL, ECL, ECL, ECL, WTCT, WTCT, WTCT, WTCT, DPDB, DPDB, DPDB, DPDB, WCHH, WCHH, TCU, TCU, CHGB, CHGB, CHGB, CHGB.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EAST, EAST, SCZT, SCZT, TAW, TAW, WHF, WHF, WHF, WHF, WLCH, WLCH, WDGW, WDGW, WDGW, WDGW, WHP, WHP, WHP, WHP, TWQ1, TWQ1, TWQ1, TWQ1, WDJ, WDJ, WDJ, WDJ, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, PNG, NSY, NSY, NSY, NSY, ETLH, ETLH, ETLH, ETLH, PTBS, PTBS, PTBS, PTBS, NACB, NACB, NACB, NACB, NACB, NACB, VCHM, VCHM, VCHM, VCHM, NMLH, NMLH, NMLH, NMLH, TWKBT, TWKBT, NANB, NANB, NDT, NDT, YHNB, YHNB, TWE, TWE, EOS1, EOS1, TATO, TATO, TWA, TWA, TIPB, TIPB, PTMZ, PTMZ, KNMB, KNMB, ZPLA, ZPLA, AXDP, AXDP, ZZJH, ZZJH, MHZQ, MHZQ.

TAP 01 02:45:11.3, 23°30'N-121°45'E, h27km, 1km, ML2.5, 1D, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ESL, ESL, EGFH, EGFH, EGFH, EGFH, HWA, HWA, VWDT, VWDT, HGSU, HGSU, TWD, TWD, TWD, TWD, EHY, EHY, WHF, WHF, NACB, NACB, ETLH, ETLH, YULB, YULB.

MAN 01 02:56:47.0, 5°94'N-126°12'E, h133km, mb4.8, ML3.7, MS3.6, 1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DDMP, DDMP, MATI, MATI, KCP, KCP, SKMP, SKMP, BUKP, BUKP, PAGZ, PAGZ.

MAN 01 03:17:44.9±0.5, 10°S-4°10'9E, h10km, M4.0/9, mb4.3/1, ML3.9/9, South of Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CMIJ, CMIJ, CMIJ, CMIJ, CMIJ, CMIJ, UGM, UGM, PCMJ, PCMJ.

Table with columns: WOJ, NGJI, JAGI, Wologiri, Jawa, Ngawi, Jajag, Banyuwya, Time, Res, Pn, ISC, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res, Pn, ISC, Az, Phase ID, Op, ISC, h, m, s, ISC.

IDC 01 03:39:42.2-3.9, 56:17S x 147:91E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.8/1.6, mbtmp3.8/3, MS3.6/2, Ms1 3.6/2, ms1mx3.1/1.0, Error ellipse: s-maj=267.1km s-min=40.7km az=84.0, West of Macarthur Island

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

MEX 01 04:08:45.2-0.5, 16:57N x 98:46W, h15km, gkm, MD3.5, Near coast of Guerrero

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

IDC 01 04:43:26.8-7.0, 12:30S x 166:00E, h92km, gkm, mb3.8/3, mb1 3.8/4, mb1mx3.4/2.7, mbtmp4.1/4, ML3.6/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/2.5, Error ellipse: s-maj=67.2km s-min=47.1km az=98.0, Santa Cruz Islands

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

ISCJB 01 04:53:16.4-0.7, 5:92S x 0:08:149:9E:0:1, h52km, mb3.8/8, Error ellipse: s-maj=19.8km s-min=8.8km az=24.7

IDC 01 04:53:21.4-1.6, 6:04S x 149:30E, h84km, 19km, mb3.7/10, mb1 3.8/12, mb1mx3.7/32, mbtmp4.1/12, MS3.1/1, Ms1 3.1/1, ms1mx2.5/19, Error ellipse: s-maj=23.8km s-min=12.2km az=122.0

ISC 01 04:53:18.5-0.7, 5:91S x 10:10:149:8E:0:1, h52km, n14, c170/14, mb3.8/8, New Britain region

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

MEX 01 04:54:14.7-0.8, 15:97N x 97:31W, h3km, g6km, MD3.6, Near coast of Oaxaca

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

TAP 01 04:56:23.8, 24:70N x 122:89E, h136km, ML3.2, D

ISCJB 01 04:56:24.7-0.7, 24:63N x 0:08:122:96E:0:02, h115km, gkm, Error ellipse: s-maj=9.5km s-min=3.1km az=174.1

JMA 01 04:56:24.2-0.2, 24:75N x 122:97E, h122km, 2km, M2.6

ISC 01 04:56:24.1-1.9, 24:65N x 0:08:122:96E:0:03, h124km, 12km, n36, c07670, Taiwan region

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

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, Op, ISC, h, m, s, ISC, Time, Res, Pn, ISC, Az, Phase ID, Op, ISC, h, m, s, ISC.

ISCJB 01 04:57:16.7-0.4, 43:00N x 0:03:78:23E:0:03, h10km, Error ellipse: s-maj=4.1km s-min=2.2km az=151.1

KRNET 01 04:57:16.8, 43:02N x 78:20E, h5km

SOME 01 04:57:16.8, 43:02N x 78:20E, h5km

NNC 01 04:57:16.1-0.4, 42:99N x 78:19E, h0km, 2km, mb2.3, mpv3.0, Error ellipse: s-maj=4.0km s-min=2.1km az=178.0

ISC 01 04:57:17.2-0.7, 43:01N x 0:02:78:17E:0:02, h10km, n47, c157/89, 17C-18D, Lake Issyk-Kul region

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

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, Op, ISC, h, m, s, ISC, Time, Res, Pn, ISC, Az, Phase ID, Op, ISC, h, m, s, ISC.

ISCJB 01 04:57:19.5-0.6, 24:50N x 0:05:122:79E:0:02, h90km, gkm, Error ellipse: s-maj=7.9km s-min=2.8km az=175.3

JMA 01 04:57:19.3-0.1, 24:52N x 122:79E, h95km, 1km, M2.7

TAP 01 04:57:19.0, 24:55N x 122:76E, h106km, 1km, ML2.8, D

ISC 01 04:57:19.5-1.6, 24:51N x 0:06:122:79E:0:03, h94km, n11km, n38, c0647/1, Taiwan region

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



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA Nanau, TIPB Shuangxi, HATJ Hateruma jima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NHDH Xindian Distri, NHDH Nanao, ENA Nanau, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YULB, TWF1 Yuli, YUS Yu-Shan, etc.

JMA 01 04:58:40.8±0.1, 24°8'N, 121°88'E, h28km, M2.5
TAP 01 04:58:40.4, 24°8'N, 121°93'E, h11km, ML3.0, C
ISC 01 04:58:40.6±0.8, 24°8'N, 121°96'E, 0.02, h9km, 6km, n76, c0570/138, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS, NTC Toucheng, NTC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NHDH, ENA, NDT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YULB, TWF1, YUS, etc.

ICD 01 05:03:32.1±6.2, 18°81'N, 108°55'W, h0km, mb3.7/5, mb1 4.0/8, mb1mx3.7/34, mbtrmp3.7/8, ML3.4/3, MS3.2/13, Ms1 3.1/13, ms1mx3.0/30, Error ellipse: s-maj=97.7km s-min=65.9km az=150.0
ISCJB 01 05:03:39.5±0.7, 19°44'N, 107°08'W, h10km, mb3.6/4, MS3.0/8, Error ellipse: s-maj=11.1km s-min=5.2km az=30.6
NEIC 01 05:03:40.7±1.6, 19°44'N, 107°10'W, h10km, 3km, mb4.0/77
ISC 01 05:03:40.9±1.4, 19°44'N, 107°10'W, 0.1, h10km, n117, c0888/108, mb4.0/18, MS3.0/8, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPIG La Paz, ZAIG Zapecas, MOIG Morelia, etc.



1d 5h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MKAR, KSH, KDJ, etc.

2013 SEP

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like QSPA, HYT, SKAG, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MANT, KULA, KULU, etc.

DDA 01 05:30:59.7, 38.82N-26.73E, h40km, ML3.7
ATH 01 05:30:59.7, 38.82N-26.69E, h34km, 3km, ML3.4/8, Error ellipse: s-maj=3.7km s-min=1.0km az=244.0

ISCJB 01 05:31:00.6, 38.81N-26.77E, 0.02, h15km, 2km, Error ellipse: s-maj=2.9km s-min=2.2km az=166.2

ISK 01 05:31:00.2, 38.82N-26.79E, h16km, ML3.6/34
THE 01 05:31:02.3, 38.79N-26.73E, h21km, 1km, ML3.2/9, Error ellipse: s-maj=1.4km s-min=0.4km az=261.0

ISC 01 05:31:01.1, 0.8, 38.80N, 0.02, 26.77E, h15km, 5km, n111, 0.086/142, 14C-BZ, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FOCM, KRBN, DKL, etc.

SJA 01 05:57:25.8, 0.4, 2.4, 0.2, 66.71W, h264km, 5km, ML2.8, MW3.1

ISCJB 01 05:57:30.4, 1.2, 2.3, 99S, 0.06, 66.96W, 0.04, h213km, 11km, Error ellipse: s-maj=9.5km s-min=5.9km az=17.4

GUC 01 05:57:32.3, 0.4, 2.3, 72S, 67.30W, h240km, 6km, ML3.9
ISC 01 05:57:28.1, 2.6, 2.4, 0.05, 0.06, 66.88W, 0.06, h233km, 21km, n19, 0.192/32, 4C-1D, Salta Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SLA, HJA, HJA, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for YKR8, TAOE, DLBC, BCAR, SUMG, PAX, PPT, PPT2, HDA, IL31, ILAR, ILAR, RND, RND, BPAW, MLY, IMAR, PMSA, ESDB, ESDB, ESK, TIC, LIC, DBC, KIC, TOA1, TOA2, TORL, NB2, NB2, NB2A, NOA, TUE, DAVA, FUORN, RETA, META, CLL, CLL, KEST, ABTA, BRG, BRG, KHC, ARCES, GEC2, GEC2, GEC2, GERES, KBA, MYKA, CONA, FINES, AKASG, KSR5, KSH, ASAR, ASAR, WR1, WR1, WRA, WRA, CMAR, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for GSTD, ADK, ATKA, ADAG, KOPF, KOKL, KOWE, KOKV, KOSE, KIWB, KIMD, KIKV, KICM, TAPA, TAFP, TASE, GAEA, GALAA, KDKA, KDKA, KDKA, IL31, ILAR, MA2, TIXI, MJAR, MAJO, TLY, SONAO, SONMO, MKR2, MKAR, ISC/JB, IDC, AEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CHN4, CHN1, CHN1, TWK, TWK, SNST, SNST, ALS, ALS, SGST, SGST, ELDTW, ELDTW, YUS, YUS, SLGT, SLGT, SLGT, CHN2, CHN2, CHY, CHY, CHN3, CHN3, WHYT, WHYT, WGW, WGW, WDLH, WDLH, WDLH, WLBG, WLBG, SCLT, SCLT, TAI1, TAI1, TAI1, TWF1, TWF1, WJWS, WJWS, WJWS, YULB, YULB, YULB, SSSL, SSSL, TWM1, TWM1, TWM1, SSS, SSS, TWG, TWG, TWG, TWGB, TWGB, WSF, WSF, WSF, EHY, EHY, WNT, WNT, WNT, WVDT, WVDT, WVDT, SGLT, SGLT, SGLT, CHKT, CHKT, CHKT, TTN, TTN, TTN, HGSD, HGSD, HGSD, MASBT, MASBT, MASBT, RLNB, RLNB, RLNB, WMLT, WMLT, WMLT, WTCT, WTCT, WTCT, ECL, ECL, ECL, EGFH, EGFH, EGFH, DPDB, DPDB, DPDB, OWD, OWD, WCHI, WCHI.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like WCHH, KAU, ESL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like WFSB, TWB1, PTMZ, etc.

MEX 01 07:02:24.9;0.4,15°19N-93°61W,h58km,38km,MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like THIG, THIG, TGIG, etc.

MAN 01 07:07:06.4,13°18N-121°21E,h23km,mb4.4,ML3.2, MS3.0,2C-1D,Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like PGP, BOAC, TGY, etc.

MAN 01 07:08:27.2,13°24N-121°19E,h27km,mb4.2,ML3.0, MS2.7,1C,Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like PGP, SJMP, OTRP, etc.

MEX 01 07:17:16.8;0.5,14°16N-92°30W,h15km,59km,MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like THIG, THIG, CCIG, etc.

MAN 01 07:28:29.9,13°25N-121°30E,h24km,mb3.7,ML2.4, MS1.9,1C,Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like PGP, LUBP, OTRP, etc.

SJA 01 07:35:42.4;0.5,21°51S-68°45W,h134km,10km,ML2.5, MW3.1

ISCJB 01 07:35:43.1;0.9,21°49S;0°03:68°51W;0.07, h136km,12km, Error ellipse: s-maj=11.4km s-min=5.5km az=171.7

GUC 01 07:35:43.5;0.5,21°50S;68°52W,h128km,3km,ML3.6

ISC 01 07:35:43.0;1.9,21°49S;0°04:68°50W;0.07, h139km,17km,m23,06:49/39,10C,Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like PB09, PB09, PB01, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like PB11, PB11, PSGC, etc.

UCR 01 07:54:01.5;0.4,10°33N-85°21W,h166km,14km,MW3.5, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like CUI, CUI, PLVR, etc.

MEX 01 08:21:06.0;0.3,27°33N-105°67W,h15km,MD3.9, Northern Mexico

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like HPIG, HPIG, CGIG, etc.

IDC 01 08:21:44.8;2.0,7°60S-128°77E,h0km,mb3.7/1, mb1 3.7/3,mb1mx3.4/2,mbtmp3.5/3,ML3.6/2, Error ellipse: s-maj=129.2km s-min=32.0km az=66.0,Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like WRA, WRA, ASAR, ASAR, MKAR, etc.

ROM 01 08:40:17.6;0.1,42°16N-0°04:13°53E;0°00:07, h16km,2km,ML1.3/2, Error ellipse: s-maj=0.6km s-min=0.3km az=50.0,Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like PTQR, PTQR, PTQR, etc.

FAGN 01 08:40:17.6;0.1,42°16N-0°04:13°53E;0°00:07, h16km,2km,ML1.3/2, Error ellipse: s-maj=0.6km s-min=0.3km az=50.0,Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like FVLD, T0104, INTR, etc.

IDC 01 08:40:20.9;1.5,34°22N-25°08E,h0km,mb3.6/3, mb1 3.6/5,mb1mx3.4/46,mbtmp3.5/5,ML4.1/2, Error ellipse: s-maj=45.9km s-min=25.4km az=135.0

ISCJB 01 08:40:21.5;1.2,34°07N;0°06:25°06E;0.04,h15km,8km, mb3.5/3, Error ellipse: s-maj=9.6km s-min=0.8km az=10.4

THE 01 08:40:22.6,34°21N-25°04E,h0km,1km,ML2.9/7, Error ellipse: s-maj=2.5km s-min=0.8km az=173.0

ATH 01 08:40:24.3,34°33N-24°99E,h15km,6km,ML3.0/3, Error ellipse: s-maj=12.2km s-min=2.4km az=356.0

DDA 01 08:41:13.1,36°26N-28°81E,h6km,3km,ML2.4

ISC 01 08:40:22.1;1.8,34°19N;0°07:25°07E;0.03,h7km,10km, n30,c1978/43,mb3.6/3,Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Rows include stations like SIVA, SIVA, SIVA, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZH, W18A, GSC, KRSR, Y14A, Y12C, GYDZ, XAN, TUC, JCT, 319A, LTX, TX31, TX32, TXAR, TXAR, NMJ, KJI, TOA1, TORO, CM31, CMAR, ROBC, DBSC, PTGA, AS31, ASAR.

MAN 01 09:07:22.9, 7.88N, 125.46E, h29km, mb4.2, ML3.0, MS2.7, Mindanao. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

GCG 01 09:19:30.0, 3.13'67N, 91.64W, h13km, 3km, MD3.8. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 01 09:23:26.5, 3.4, 8.66S, 118.11E, h126km, 25km, mb3.5/5, mb1 3.6/9, mb1mx3.4/36, mbtmp4.0/9, Error ellipse: s-maj=53.9km s-min=16.0km az=67.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

mb1mx3.8/32, mbtmp3.7/9, ML3.4/2, MS2.8/3, Mst1 2.8/3, ms1mx2.4/34, Error ellipse: s-maj=98.2km s-min=19.0km az=31.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

MAN 01 09:44:06.9, 12.79N, 120.51E, h14km, mb4.1, ML2.9, MS2.6, 1C, Mindoro. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

KRSC 01 09:53:12.8, 1.7, 6.508N, 160.57E, h49km, 24km, ML3.7, East of Kuril Islands. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 01 09:53:25.2, 1.5, 6.68S, 129.06E, h170km, 21km, mb3.1/2, mb1 3.7/7, mb1mx3.3/39, mbtmp4.1/7, Error ellipse: s-maj=24.1km s-min=12.9km az=114.0, Banda Sea. 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 PMG, KRVT, COEN, HNR, GUMO, WRAB, WB2, WR1, WRA, KNRA, AS31, ASAR, FITZ, AZR, DZM, YULB, KRSR, CMAR, TLY, ZALV, AAK, ILAR.

IDC 01 10:13:51.4, 2.075S, 98.94E, h0km, mb3.7/1, mb1 3.6/2, mb1mx3.3/32, mbtmp3.6/2, ML3.9/1, Error ellipse: s-maj=214.4km s-min=77.3km az=81.0, Southern Sumatra. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 01 10:23:34.5, 2.8, 33.65N, 141.95E, h0km, mb3.7/4, mb1 3.7/6, mb1mx3.4/53, mbtmp3.7/6, ML3.0/2, MS2.9/1, Mst1 2.9/1, ms1mx2.0/36, Error ellipse: s-maj=56.0km s-min=26.3km az=152.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

NIED 01 10:25:00.32, 7.0N, 141.00E, h44km, Mw3.9. Best double couple: M6.71000, 1014, NP1a=53.00000, 837.00000, 111.00000, NP2b=207.00000, 856.00000, 175.00000. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Jd, ID, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Shimob, Ryugami, Inu, Matsuhiro Arr, etc.

SOME 01 10:45:50.3, 44.22N-81.30E, h30km
NIC 01 10:45:50.7, 1.5, 44.20N-81.18E, h6km, 5km, mb4.1, mpv3.5, Error ellipse: s-maj=10.6km s-min=5.5km az=97.0

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

DDA 01 11:22:13.6, 34.40N-34.76E, h6km, 3km, ML2.9
ISK 01 11:22:17.2, 34.45N-34.63E, h8km, ML2.9/14

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

HWQ Hawqa 1.01 89 eP S Pb 11 22 35.5 +0.3
ORWL Qaraoun 1.08 132 eP S Pb 11 22 35.8 +0.3

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

EREN Erenkoy 1.33 340 PN Pn 11 22 39.7 +0.8
EREN Erenkoy 1.33 340 PN Pn 11 22 39.7 +0.8

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

Table with columns: DSI, GAZI, GAZI, GAZI, YATIR, YATIR, KARAI, KARAI, etc. Includes stations like Dead Sea, Gazipasa, Yatir, Karaisali, etc.

IDC 01 11:40:09.3, 2.5, 51.41N-174.78W, h0km, mb3.2/2, mb1 3.7/5, mb1mx3.4/60, mbtrmp3.5/5, ML3.1/3, MS2.9/2, Ms1 2.9/2, ms1mx2.5/27, Error ellipse: s-maj=61.3km s-min=37.1km az=175.0

AEIC 01 11:40:10.4, 51.22N-0.1, 175.13W, h0km, 9km, ML2.5

ISCJB 01 11:40:11.4, 1.3, 51.31N-0.2, 174.94W, h0km, h35km, mb3.2/2, MS2.5/1, Error ellipse: s-maj=24.9km s-min=8.1km az=5.9

NEIC 01 11:40:13.4, 0.4, 51.44N-0.2, 175.14W, h0, h36km, 118km

ISC 01 11:40:12.7, 1.4, 51.31N-0.2, 175.06W, h0, h35km, n10, #091/10, Andrearof Islands

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

JSO 01 11:41:23.0, 1.2, 31.15N-5.37E, 1.0, h25km, 8km, M2.6/6, Mjma2.7/6, ML1.9/2, MLv2.8/6

NSCC 01 11:41:30.5, 1.4, 32.56N-36.09E, h31km, 8km, ML1.4

ISC 01 11:41:31.3, 31.97N-0.08, 37.5E, 0.1, h12km, n9, #402/11, Dead Sea region

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

ISCJB 01 11:46:25.3, 0.6, 36.00N-0.04, 139.96E, h0, h54km, 6km, mb3.7/3, Error ellipse: s-maj=8.5km s-min=6.9km az=148.5

IDC 01 11:46:26.8, 2.1, 35.90N-139.88E, h58km, 18km, mb3.5/3, mb1 3.6/5, mb1mx3.2/63, mbtrmp3.9/5, ML3.4/2, Error ellipse: s-maj=28.1km s-min=7.4km az=61.0

JMA 01 11:46:26.5, 0.1, 36.01N-139.93E, h43km, 1km, M3.4 Broadband fault plane solution: P waves, NP1: phi=60.00000, delta=0.00000, lambda=86.00000, NP2: phi=255.00000, delta=160.00000, lambda=105.00000, Principal axes: T P160.00000, Azm324.00000, N P164.00000, Azm61.00000, P1630.00000, Azm153.00000

JMA Felit J.J. ISC 01 11:46:25.9, 1.1, 35.97N-0.06, 139.96E, h0, h48km, 11km, n18, #08/6/21, mb3.9/3.5D, Near south coast of eastern Honshu

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

Table with columns: ID, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like WAKE ISLAND, ZALV, MKAR, KURBB, etc.

ISC 01 11:50:49.9.1.0, 1.81N, 126.19E, h130km, mb4.1/10, mb1.4/10, mbl1mx5.8/59, mblmp4.1/10, Error ellipse: s-maj=1.4km s-min=2.9km az=73.0

ISC 01 11:50:53.8.0.5, 1.91N, 126.06E, h130km, mb4.1/10, Error ellipse: s-maj=15.2km s-min=7.6km az=155.5

DJA 01 11:50:54.6.1.5, 2.13N, 126.41E, h21km, M4.2/5, MLv4.2/5

NEIC 01 11:50:57.2.2.2, 1.94N, 126.59E, h56km, 1.0km, mb4.4/4

ISC 01 11:50:55.9.0.6, 1.91N, 126.4E, h130km, n31, r151/31, mb4.2/12, 1D, Northern Houdou Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like TNTI, SGTI, LUWI, KCP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like SAUI, SAUM, SAUM, SAUI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like BATI, BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like KBKI, GENI, DNP, INGP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like WRAB, WRAB, WRAB, WRAB, etc.

UCR 01 11:52:13.2.6, 7.70S, 126.04E, h11km, 99km, MW8.1, NEIC 01 11:52:29.7.44S, 128.22E, h114km, Mw6.6(GCMT)

Moment Tensor Solution. Duration: 3s1 Moment tensor: Scale 10^18Nm; Mrc:2.8; Mw:2.15; Mw:1.13; Mw:4.63; Mw:1.92; Mw:1.07; Fault plane solution: M5.88000x10^18

NEIC 01 11:52:29.3.2, 7.44S, 128.22E, h12km, mb5.1/10, Mw6.3/193, Mw6.5, Mw6.4, Mw6.4, Mw6.4, Mw6.4

MOS 01 11:52:29.3.0.9, 7.38S, 128.18E, h115km, mb6.5/59, Error ellipse: s-maj=8.6km s-min=4.9km az=113.2

ISCJB 01 11:52:31.6.0.3, 7.53S, 128.26E, h141km, 2km, mb6.2/179, Error ellipse: s-maj=2.6km s-min=2.4km az=28.4

NEIC 01 11:52:32.9.7, 5.4S, 128.28E, h130km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mrc:4.55; Mw:3.35; Mw:1.20; Mw:3.67; Mw:2.46; Mw:1.16; Mw:1.6

DJA 01 11:52:32.4.0.1, 8.5S, 126.8E, h136km, 2km, M6.4/138, mb6.3/138, mb6.6/127, MLv6.1/17, Mw(B)6.4/127, Mw(B)6.3/61

GCMT 01 11:52:34.9.0.0, 7.61S, 128.24E, h128km, Mw6.5/160, Moment Tensor Solution. s160,c429; s160,c727; Duration: 4s3 Moment tensor: Scale 10^18Nm; Mw:4.48; Mw:4.08; Mw:4.08; Mw:3.99; Mw:3.33; Mw:3.33; Mw:2.65; Mw:1.39; Mw:1.39; Mw:1.39; Mw:1.39

ISC 01 11:52:32.1.0.2, 7.54S, 128.26E, h135km, 1km, h136km, pp-P, 1986, c191/2412, mb6.3/249, 105C-32D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like SAUI, SAUM, SAUM, SAUI, etc.

ISC 01 11:52:32.1.0.2, 7.54S, 128.26E, h135km, 1km, h136km, pp-P, 1986, c191/2412, mb6.3/249, 105C-32D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, Azimuth, Phase ID, Time, Residual. Rows include stations like KBKI, GENI, DNP, INGP, etc.

1d 11h

Table listing various locations and their corresponding flight data, including flight numbers, times, and statuses.

2013 SEP

Table listing various locations and their corresponding flight data for the month of September 2013, including flight numbers, times, and statuses.

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Table listing various locations and their corresponding flight data, including flight numbers, times, and statuses.













1d 11h

Table with columns for call sign, name, frequency, power, and status. Includes entries like BOZ Bozenan (W), USHA Ushuaia, PSUT Pine Spring, etc.

2015 SEP

Table with columns for call sign, name, frequency, power, and status. Includes entries like 121A Cookes Peak, D, 121A CCA1, 121A Q2A4, etc.

24

Table with columns for call sign, name, frequency, power, and status. Includes entries like MDT Midelt, G006 Curarrehue, SICH Sidi Chahed, etc.



1d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like N58A Sunbury, R55A Marlinton, M59A Waymart, etc.

2013 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PCAN Candelaria, W58A Raeford, T60A Surry, etc.

26

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PTJ1 Puerto Jimenez, ESAR Angra dos Reis, DUB01 Friburgo-RJ, etc.

Table with columns: URIC, Uribia, Colomb, 159.62, 77, eP, PKPpdf, 12 12 14.1, -1.7, etc. Includes various station names and coordinates.

ISC/JB 01 11:56:15.2, 1.2, 36.6N:0.1, 71.01E:0.09, h200km, mb3.1/1, Error ellipse: s-maj=15.6km s-min=7.3km

IDC 01 11:56:17.9, 6.2, 36.79N:70.85E, h217km, 46km, mb3.0/1, mb1.3/0.6, mb1mx3.8/68, mbmt3.7/6, Error ellipse: s-maj=85.2km s-min=17.6km az=152.0

NNC 01 11:56:21.4, 7.4, 36.86N:71.30E, h178km, 11km, mb2.8, mpv3.7, Error ellipse: s-maj=70.0km s-min=39.3km az=2.0

ISC 01 11:56:16.1, 1.8, 36.76N:0.1, 71.00E:0.1, h200km, n12, a126/16, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Karatay Array, AAK, GEYT, etc.

IDC 01 12:29:01.5, 1.1, 51.59N:174.95W, h0km, mb3.9/12, mb1.4/0.15, mb1mx3.8/52, mbmt3.9/15, ML3.5/3, MS4.0/1, Ms1.4/0.1, ms1mx3.7/32, Error ellipse: s-maj=38.1km s-min=10.5km az=173.0

AEIC 01 12:29:03.2, 4.1, 51.25N:0.0, 6.175E:0.04, h5km, 4km, ML3.4

NEIC 01 12:29:03.4, 1.9, 51.23N:0.08, 175.04W:0.05, h14km, 5km, mb4.0/30

ISC 01 12:29:02.1, 9.5, 51.19N:0.07, 175.05W:0.03, h0km, 11km, n99, a127/101, mb4.0/18, Andeanof Islands

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

Main table with columns: KIMD, Kanaga Island, 1.48, 294, Pn, 12 29 28.7, -0.6, etc. Contains a large number of station entries.

Table with columns: GYET, Alikeb, 79.78, 320, P, 12 41 10.7, -0.2, etc. Contains station entries for the right side of the page.

ISC/JB 01 12:32:29.9, 0.5, 67.18N:0.03, 20.70E:0.08, h0km, Error ellipse: s-maj=4.5km s-min=4.0km az=23.1

HEL 01 12:32:30.4, 6.7, 17.7N:20.54E, h0km, ML1.9, Explosion BER 01 12:32:33.2, 2.0, 67.22N:20.61E, h0km, ML1.0, Suspected explosion

ISC 01 12:32:30.1, 0.9, 67.178N:0.03, 20.69E:0.03, h0km, n22, a0562/32, Sweden

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

NEIC 01 13:02:59.7, 1.5, 53.36N:0.0, 165.04W:0.03, h1km, 11km, ISC/JB 01 13:03:01.7, 1.7, 53.42N:0.05, 165.02W:0.05, h3km, 17km, mb3.6/4, Error ellipse: s-maj=8.4km s-min=1.8km az=5.2

AEIC 01 13:03:02.2, 5.3, 48N:0.05, 165.09W:0.03, h23km, 8km, ML3.1

IDC 01 13:03:08.5, 2.4, 53.18N:163.21W, h0km, mb3.6/4, mb1.3/8.5, mb1mx3.4/35, mbmt3.6/5, ML3.2/1, Error ellipse: s-maj=47.7km s-min=40.8km az=24.0

ISC 01 13:03:00.2, 0.2, 53.37N:0.07, 165.02W:0.05, h12km, 13km, n33, a1878/40, mb3.5/4, Fox Islands

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

MEX 01 13:30:38.0, 0.9, 16.70N:99.74W, h11km, 4km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ACP2, CAIP, etc.

IDC 01 13:46:03.9, 2.4, 1.75N:125.90E, h0km, mb3.3/3, mb1.3/6/3, mb1mx3.3/38, mbmt3.4/3, Error ellipse: s-maj=230.8km s-min=27.6km az=65.0, Northern Molucca Sea

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



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CN2, KMI, CMAR, CD2, HHC, HZH, LHZ, PETK, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAMRE El Minia, KZIT, MMAI, GRB, etc.





Table with columns for station name, frequency, elevation, and signal strength. Includes stations like CASP, BALD Monte Baldo, CAFI, GBOS, MDI, ROVR, TEOL, MAGA, MARN Marano, and others.

Table with columns for station name, frequency, elevation, and signal strength. Includes stations like GAGG Gaggia, TRAV, SMPL, CASTEL TESINO, BERNI, CALF, TUE, FUSIO, FRF, BNI, DAVOX, ABSI, LRG, LMR, LPL, STAL, ROSI, SENIN, TRI, ABTA, and DAVA.

Table with columns for station name, frequency, elevation, and signal strength. Includes stations like SQTA, MOTA, SMRF, WTTA, WATA, RETA, NVLJ, DUGI, KBA, CABF, OBKA, OBKA, VIVF, ZIRJ, MORI, OZLJ, SSB, HINF, BFO, LASF, ECH, HAU, CDF, MOA, HVAR, ARSA, SMF, MAKARSKA, GECC, PACF, SFTF, LOR, LOR, AVF, SSF, CONA, KHC, MEZF, BGF, STON, CAF, TCF, BAIF, VYHS, MURB, and others.

ROM 01 15:01:29.8:0.0,43:357N:0.002:12:556E:0.0003, h8km, ML2.8/27, Error ellipse: s-maj=0.2km s-min=0.2km az=19.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MURB, ATVO, ATPI, FOSV, PIEI, ATCC, FRON, ATMI, ATTE, NARO, CDCA, BADI, SNTG, MPAG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MPAG, ARVD, PE3, FSSB, EL6, CING, FDMO, CSPI, MGAB, MOMA, NRCA, LNNS, GUMA, TERO, WSAR, MKAR, GEYT, ZALV, WRA, ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZV, TUMD, MKZ, KII, KMNR, KPI, KOZ, ESO, SPN, SRDR, NLC, SDLR, SDLR, KRX, KRER, SMAR, AVH, KOK, GNL, UGLR, BDR, SMKR, DALK, SRKR, SRRK, KBG, KBTR, PETK, KMRM, KRMR, RUS, RUS, MTRV, APC, KDR, MA2, ASAJ, MJAR, NVAR, TXAR, ASAR, ISCJB 01, IDC 01, NNC 01, ISC 01, AML, KZA, EKS2, KK31, AAK, AAK, AAK, ULHL, TKM2, TKM2, Geyt, MKAR, KKN, PKIN, PKI, AB31, JIRN, AKTO, AKTO, BRTR, AKAS, FINES, ARCES, NOA, TORD, WRA, ASAR.





Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like ARSA Arzberg, WTTA Wattenberg, FETA Feicht, etc.

IDC 01 15:58:56.0, 0.5, 29°32'N, 52°54'E, h0km, mb4.2/27, mb1.4, 3/33, mb1mx4.2/49, mbtmp4.2/33, ML3.7/6, MS3.5/14, MS1.3/5/14, ms1mx3.5/45, Error ellipse: s-maj=12.2km s-min=11.4km az=154.0

TECH 01 15:58:56.7, 29°37'N, 52°52'E, h10km, ML4.0 ISCJB 01 15:58:56.4, 0.2, 29°30'N, 0°02'52.44E, 0.02, h15km, mb4.3/48, MS3.5/9, Error ellipse: s-maj=2.9km s-min=2.2km az=40.7

THR 01 15:58:58.4, 29°34'N, 52°53'E, h15km, ML4.0 NEIC 01 15:58:58.4, 1.7, 29°29'N, 0°07'52.44E, 0.06, h19km, 4dkm, mb4.6/69

MOS 01 15:58:59.2, 0.9, 29°38'N, 52°46'E, h33km, mb4.6/9, Error ellipse: s-maj=8.6km s-min=6.2km az=96.1 DSN 01 15:59:00.9, 0.6, 29°33'N, 52°50'E, h20km, ML4.4/9, Error ellipse: s-maj=16.3km s-min=5.5km az=47.0

ISC 01 15:58:57.8, 0.3, 29°35'N, 0°03'52.47E, 0.03, h15km, n284, r134/283, mb4.4/70, MS3.5/9, 10C-9D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like SHI Shiraz, IKAZ Kazeroun, IGAR Gharneh, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like ANAR Anarak, IKLH Kiahrood, NIAN Nian, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like KSH Kish, AAK Ala-Archa, NRN Naryn, etc.

Table of station data for the 1d 19h period, including columns for station name, time, and various parameters.

Table of station data for the 2013 SEP period, including columns for station name, time, and various parameters.

Table with header 'MEX 01 16:05:57.0+0.8, 16:47N-98:52W, h12km, gkm, MD3.5, Near coast of Guerrero' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

DDA 01 16:24:16.5, 37:60N, 36:74E, h7km, gkm, ML2.6
ISCJB 01 16:24:17.2, 0.6, 37:63N, 0.03-36:75E, 0.04, h1km, 13km, Error ellipse: s-maj=6.3km s-min=5.0km az=146.9

ISC 01 16:24:18.2, 37:61N, 36:77E, h8km, gkm, ML1.7, 1.7
ISC 01 16:24:17.2, 1.0, 37:62N, 0.04-36:76E, 0.04, h10km, gkm, n10, c#33/15, Turkey

Table with header 'KMR5 Kahramanmaraş' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

SVSA 01 16:27:07.2+0.7, 36:76N, 29:36W, h10km, MD3.6, ML2.4, Error ellipse: s-maj=39.8km s-min=6.1km az=111.0, Azores Islands region

Table with header 'PCAN Candalaria' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 01 16:37:17.9, 0.4, 58:07S, 0:06-24:2W, 0:1, h10km, mb4.2/8, MS3.5/1, Error ellipse: s-maj=10.7km s-min=7.4km

IDC 01 16:37:18.8, 1.2, 58:03S, 24:21W, h0km, mb4.2/8, mb1 4.3/9, mb1mx4.1/18, mbtmp4.2/9, ML4.6/1, MS3.3/3, Ms1 3.3/3, ms1mx3.0/17, Error ellipse: s-maj=34.9km s-min=21.3km az=174.0

NEIC 01 16:37:23.4, 3.0, 58:09S, 0:06-24:2W, 0:03, h36km, 8km, mb4.8/20

ISC 01 16:37:19.8, 0.6, 58:07S, 0:10-24:23W, 0:10, h10km, n39, c#98/36, mb4.6/16, South Sandwich Islands region

Table with header 'VNA1 Neumayer-Stat' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with header 'CRZF Crozet Islands' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with header 'SOME 01 16:58:58.6, 41:73N-82:80E, h5km, NNC 01 16:58:59.3, 2.6, 41:69N-82:71E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=15.5km s-min=13.5km az=166.0

ISC 01 16:59:03.3, 1.4, 41:77N, 0:11-82:39E, 0:10, h10km, n12, c#189/16, 3C-3D, Southern Xinjiang

Table with header 'SHLS Shalkode' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

MEX 01 17:16:07.1+0.6, 16:65N-99:70W, h14km, 7km, MD3.6, Near coast of Guerrero

Table with header 'CAIG El Cayaco' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

MAN 01 17:43:33.2, 7:32N-124:69E, h1km, mb4.4, ML3.2, MS3.0, IC-2D, Mindanao

Table with header 'CTB Cotabato' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 01 18:35:29.0, 4.3, 16:80S-174:36W, h0km, mb4.2/2, s-maj=212.6km s-min=60.7km az=146.0, Tonga Islands

Table with header 'WRA Warramunga Arr' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

MAN 01 18:39:53.8, 13:55N-120:65E, h97km, mb4.0, ML2.7, MS2.3, IC, Mindoro

Table with header 'PGP Puerto Galera' and columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 01 19:34:10.4, 1.5, 2:88N, 0:10-127:4E, 0:1, h10km, mb3.1/3, Error ellipse: s-maj=22.8km s-min=8.0km az=147.0





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CMSA Cobar Meteorol, TOO Toolangi, CTA Charters Tower, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PALU Palau, QSPA South Pole Quai, MMRI Maumere, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KUR comp=Z,200nm,1.4s, TPRI comp=Z,813nm,16.0s, MASI Tauran Aman, Be, etc.





Table with columns for race type, name, time, and finishers. Races include Parmo Parma, FVM French Village, GLAT Glass, HENM Henderson Moun, 451A Vernon, LRLAL Lakeview Retre, PLAL Pickwick Lake, SLM Saint Louis, 250A Grady, FFC Flin Flon, PALK Palkeleke, N41A Halley, SAML Samuel, X48A Hartselle, AGMNI Agassiz Nation, WVT Waverly, Y49A Blount Mountai, L40A Anamosa, 352A Blakely, SPMM Marine on St., V48A Smith Brothers, LSA Lhasa, MTDJ Mount Denham, ULM Lac du Bonnet, HDL Hopedale, USIN University of, T47A Sharon Grove, 152A Waverly Hall, OLIL Olney, FPAL Fort Payne, CLTN Cedars of Leba, 061Z Ochoppi, 253A Americus, JFW5 Jewell Farm, L42A Oliver, Polo, 044A Mansfield, 656A Willston, TIGA Titton, TLY Talaya, W50A Signal Mountai, E38A The Farm, Brul, 41A Arkdale, Y52A Liburn, WCI Wyandotte Cave, M44A Midewin, Midew, 060A Indiantown, T49A Edmontone, 154A Montrose, G40A Rib Lake, GOGA Godfrey, CPCT Cooper Cave, BLO Gloomington, 456A Hilliard, SFIN Lafayette, 255A Hazlehurst, K43A Burlington, EYMN Ely, I42A Draeger Farm, V51A Loudon, SDV Santo Domingo, W52A Murphy, R49A Shelbyville, V52A Sevierville, P48A Milroy, COWI Conover, BG3 Lake Jocassee, TZTN Tazewell, HODGE Hodges, H43A Windswept, Lux, R50A Paris, N47A Urbana, GTBY Quantico Bay, L46A Eue Claire, 257A Skidaway Islan, V53A Skidaw, F42A Maple Grove Fa, S51A Beattyville, Z56A Williston, C40A Isle Roy Na, D41A Chassel, J45A Montague, T52A Hallie, JSC Jenkinsville, I45A Fountain

Table with columns for race type, name, time, and finishers. Races include I48A Edgerton, Q51A Peebles, KM5C Kings Mountain, N49A Columbus Grove, NH5C New Hope, U54A Nelsons Funny, E43A Lone Tree Farm, Y57A Sumter, P51A Williamsport, V55A Taylorsville, J47A Sumner, BIRD Birdtown, Kers, G45A Suttons Bay, ACSO Alum Creek Sta, R53A Hurricane, Y58A Scranton, V56A Mocksville, AAM Ann Arbor, E44A Grand Marais A, I47A Gladwin, S54A Dingus Beckl, W57A Gilead, M50A Fremont, GLMI Grayling, J48A Bridge Port, X58A Rowland, O52A Adamsville, BLA Blackburg, Y59A Loris, P53A Whipple, Q54A Coxs Mills, K50A Casco, SDDR Presa de Saban, E46A Sault Ste Mari, V58A Windy Hill, Pi, Y60A Bolivia, H48A Harrisville, R55A Marlinton, I49A Point Hope, T57A Hurt, M52A Chestnut, N53A Lisbon, PTGA Pitling, MCWV Mont Chateau, S57A Dark Hollow, R, O56A Niagara Ridge, N54A Moraine State, U59A Littletown, BDFB Brasilia, V60A Jim Taylor Roa, S58A Poland Farm, P, ERPA Erie, T59A Double 'B' Far, R58B Mineral, N55A Marion Center, O56A Blue Knob Stat, V61A Roper, WMIQ Urumqi, WMQ comp-Z, 180nm, 16.1s, WMQ comp-Z, 300nm, 20.9s, WMQ comp-Z, 940nm, 28.7s, P57A Homestead Farm, CBN Corbin Frederi, M55A Ridgway, U61A Possum Corner, T60A Surry, V62A Hyde County Ai, SSPA Standing Stone, WVNY West Valley, M56A Emporium, J54A Appleton, SADO Sadowa, MMNY Mt. Morris Dam, S61A Accomac, PAGES Pennsylvania G, J55A Hilton, N58A Sunbury, Q60A Greensboro, R61A Willard, DELO Deloro Mine, RES Resolute Bay, P60A Greenville, SJG San Juan, J56A Wolcott

Table with columns for race type, name, time, and finishers. Races include PSUB Penn St - Bra, N59A State Game Lan, PECO Prince Edward, KSPA Keystone Colle, BINY Binghamton, P61A Hammtont, D53A Lac Verpus, J57A Williamstown, BRNJ Basking Ridge, ODNJ Ogdensburg, GRGR Grenville, PAL Palisades, LONY Lake Ozonia, KSCT Kent School, K, NCB Newcomb, TRY Troy, YLE Yale, SABA Saba, ZAAO Zalesovo Array, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Bryant College, MKAR Makanchi Array, MAKZ Makanchi, MAKZ, FRNY Flat Rock, QUA2 Belchertown, VT1 Waterbury, BOSA Bosoh, HNH Hanover, BRYW Bryant College, HRV Adam Dzewion, WES Westfield, FFD Franklin Falls, M65A Busby, Fairmont, KSH Kashi, KSH Kuriat, KURK Kurchatov, KURK Kurchatov, PKME Peaks-Kenny Pk, NIL Nilore, PQI Presque Isle, EMMW East Machias, AAK Ala-Archa, AAK Ala-Archa, SCHO Schefferville, LMN Caledonia Moun, KBL Kabul, HAL Halifax, BRVK Boroyeve, BRVK Boroyeve, GBN Guysborough, RCBR Riachuelo, KBS Kingsbay, SPA0 Spitsbergen Ar, HRA Herat, HSPB Hornsund (broa), SVE Svein, SVE Svein, ARU Arti, ARU Arti, ARU Arti, AKTO Aktyubinsk, GEYT Alibeck, GYAOB ALIBECK ARRAY, KMBO Kilima Mbogo, HAMB Hammerfest, KIRV Kirov, APA Apatity, APA Apatity, ARCS ARCES Array B, AREO ARCES Array S, H103A ASCENSION HYDR88, H102S ASCENSION HYDR88, KTKI Kautokeino, TRO Tromso, H103S ASCENSION HYDR89, H101N ASCENSION HYDR89, H102S ASCENSION HYDR89, ATD Arta Tunnell, DAMY Dhamar, KLMR Klimovskoe, KLMR Klimovskoe, KLMR Klimovskoe

Table of astronomical observations for 1d 19h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2010 24.6 -1.9, listing station names, coordinates, and observation details.

Table of astronomical observations for NEIC 01 19:51:18.3, listing station names, coordinates, and observation details.

Table of astronomical observations for ML4.0, Southern Peru, listing station names and observation details.

Table of astronomical observations for JMA 01 19:54:49.1, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DD A 01:20:08:09.4,39:23N:29:31E, GDZ Gediz, USAK Uak-Merkez, etc.

ISK 01:20:08:51.7,39:25N:29:32E, h7km, ML2.2/22
DDA 01:20:08:51.8,39:25N:29:32E, h8km, ML2.7
ISCJB 01:20:08:52.0,4.39:25N:0:02:29:31E:0:03:h7km,4km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GEDZ Gediz, SHAP Saphane-Kutahy, TVSB Tavsani, etc.

MEX 01:20:28:44.0,3,1779N:103:19W, h13km, g6km, MD3.8, Near coast of Michoacan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like R15V Zihuatanejo, EZ5V Chameia, MOIG Morelia, etc.

SVSA 01:20:29:03.0,9,39:37N:29:98W, h10km, MD3.5, ML2.3, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H07N1 FLORES T-PHASE, H07S1 FLORES T-PHASE, PCE02 Cedros, etc.

ISCJB 01:20:31:49.6,0.4,10:77S:0:04:112:26E:0:03, h24km, mb4.4/20, Error ellipse: s-maj=6.0km s-min=4.0km az=36.7

IDC 01:20:31:49.1,0.6,10:46S:112:69E, h0km, mb4.3/16, mb1.4/3/19, mb1mx4.1/43, mbmp4.2/19, ML4.0/3, Error ellipse: s-maj=26.4km s-min=11.2km az=51.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, PCJJI Pacitan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WOJJI Denpasar, IGBI Denpasar, UGM Wanagama, etc.

LEM Lembang, 6.16 309 Pn, 6.1nm, 0.3s, baz=42, slow=5.2, SNR=5.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, CGJI Cibinong, EDFI Ede, BATI Baun, etc.

ENH Enshi, 40.86 356 P, baz=96, slow=74, SNR=7.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LSA Lhasa, JIRN Jiri, PKI Pulchoki, etc.

MAJO Matsuhiro, 52.89 26 P, comp=2.0, 0.7nm, 0.6s, baz=212, slow=8.3, SNR=4.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USRK Ussuriysk Arr, NIL Niore, SONAO Songoing Arr, etc.

KKAR Kurchatov Arr, 65.83 328 P, comp=2.2, 1.1nm, 0.6s, baz=189, slow=4.7, SNR=5.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK Kurchatov, ZAAO Zalesovo Arr, ZALV Zalesovo Base, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BR101 Keskin Array S, BRTR Keskin Array B, NV01 Mima Array Sit, etc.

ISCJB 01:20:50:15.2,0.3,36:49N:0:03:71:31E:0:05, h250km, mb3.9/9, Error ellipse: s-maj=5.3km s-min=3.6km az=167.6

NEIC 01:20:50:15.9,2.1,36:58N:0:06:71:17E:0:05, h225km, 13km, mb4.1/5

IDC 01:20:50:16.7,2.2,36:50N:7:31:30E, h241km, 23km, mb3.1/9, mb1.3/2/16, mb1mx3.0/47, mbtmp3.8/16, Error ellipse: s-maj=15.3km s-min=14.4km az=175.0

NIC 01:20:50:19.7,2.6,36:83N:7:21E, h28km, 30km, mb3.3, mbv4.6, Error ellipse: s-maj=24.3km s-min=15.1km az=23.0

ISC 01:20:50:16.1,0.5,36:50N:0:05:71:28E:0:05, h250km, n67, az=47/82, mb3.4/9, 6C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAR Garm, KZAR Kyzart, EKS2 Erkin-Say, etc.

GEYT Alibek, 10.60 282 P, comp=N, 0.5nm, 0.5s, baz=97, slow=12, SNR=8.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAK2 Makanchi, MK31 Makanchi Arr, MKAR Makanchi Arr, etc.

AB31 Akbulak array, 15.20 331 P, comp=N, 0.3nm, 0.5s, baz=142, slow=12, SNR=7.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIRN Jiri, BVAR Borovoye Arr, AKTO Aktyubinsk, etc.



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Atka Island, Great Sitkin T, Adak, Kanaga Island, Unalaska Valle, Eielson Array, WAKE ISLAND Hy 34.82 211, etc.

MEX 01 21:15:57.3-0.7, 27:11N-112:36W, h16km, 86km, MD3.8, Baja California

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

SOF 01 21:22:57.7, 41:86N-22:84E, h12km, MD2.7

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

ISC 01 21:22:57.1-0.3, 41:83N-0:01:22:78E, h10km, MD2.6/10

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Krupnik, Stip, Valandovo, Serrai, etc.

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Plovdiv, Kavala, Zavojo, Florina, etc.

ROM 01 21:24:07.6-0.1, 43:36N-0:00:22:55E, h17km, Md1.1/1, Error ellipse: s-maj=0.2km s-min=0.2km az=61.0, Central Italy

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Monte Focce - G, etc.

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

ISCJB 01 21:26:20.5-0.3, 41:83N-0:01:22:80E, h1km, 3km, Error ellipse: s-maj=2.6km s-min=1.9km az=155.5

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

ISC 01 21:26:23.1, 41:77N-22:83E, h16km, MD2.8/5, Error ellipse: s-maj=1.1km s-min=0.6km az=163.0

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Krupnik, Stip, Valandovo, Serrai, etc.



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Plevn, Rodhopi, Elena, Sjenica, Alexandroupoli, etc.

IDC 01 21:41:44.9.1.1, 4.53S:133.09E, h0km, mb3.7/5, mb1 3.9/9, mb1mx3.7/29, mbtmp3.8/9, ML3.9/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/31, Error ellipse: s-maj=55.7km s-min=16.9km az=66.0

NEIC 01 21:41:49.7.1.8, 4.52S:0.08x131.25E:0.08, h89km, 5km, mb4.4/13

ISC 01 21:41:50.0.0.6, 4.86S:0.05x132.5E:0.1, h35km, n34, e243.30, mb4.2/10, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Fak Fak, Sorong, Manton Dam, Kunurra, Fitzroy Crossi, etc.

ISC 01 21:42:30.0.0.0, 3.31S:150.00E, h10km, mb3.7/5, mb1 3.9/9, mb1mx3.8/34, mbtmp3.8/9, ML3.9/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/31, Error ellipse: s-maj=55.7km s-min=16.9km az=66.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Santa Rosalia, Guaymas, Pine Mountain, La Paz, etc.

HSIG eS Sb 21 53 34.9 +1.1

MEX 01 21:58:04.5:0.4, 15.95N:97.06W, h23km, 7km, MD3.5, Near coast of Oaxaca

ISC/JB 01 22:05:57.5:0.3, 38.37N:0.04:134.46E:0.05, h419km, mb3.5/16, Error ellipse: s-maj=5.6km s-min=5.0km az=16.2

JMA 01 22:05:57.2:0.2, 38.33N:134.49E, h432km, 2km, M3.7, IDC 01 22:05:58.4:0.9, 38.33N:134.33E, h412km, 10km, mb3.3/16, mb1 3.5/22, mb1mx3.6/46, mbtmp4.1/22, Error ellipse: s-maj=12.3km s-min=10.6km az=77.0

ISC 01 22:05:58.4:0.6, 38.35N:0.07:134.56E:0.06, h419km, n46, e156/58, mb3.6/16, Sea of Japan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Hegura jima, Haki, OKI, Suzu, Kasumi, Sado, Wachi, Matsuhiro, Matushiro Arr, etc.

GUC 01 22:10:34.7:0.5, 25.67S:70.88W, h18km, 3km, ML3.5, 22-10, Near coast of northern Chile

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

IDC 01 22:18:55.8:0.9, 22.69N:143.79E, h0km, mb3.8/7, mb1 4.1/7, mb1mx3.8/34, mbtmp3.8/7, MS2.7/1, Ms1 2.7/1, ms1mx2.3/45, Error ellipse: s-maj=37.0km s-min=21.5km az=78.0

ISC/JB 01 22:18:58.9:0.5, 22.69N:0.04:143.6E:0.1, h35km, mb3.8/7, Error ellipse: s-maj=14.6km s-min=5.5km az=167.5

NEIC 01 22:19:0.1:1.9, 22.68N:0.08:143.61E:0.08, h32km, 5km, az=169.0

ISC 01 22:19:00.5:0.7, 22.70N:0.07:143.7E:0.1, h35km, n40, e156/32, mb4.1/10, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Chichi jima, Chichijima, Saran, Anatan, Hachijo jima, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like WAKE ISLAND, Yuzh-Sakhalin, Songino Array, etc.

IDC 01 22:34:00.6:2.0, 51.31N:175.33W, h0km, mb3.4/4, mb1 3.8/6, mb1mx3.5/51, mbtmp3.6/6, ML3.7/2, Error ellipse: s-maj=59.8km s-min=23.7km az=4.0

ISC/JB 01 22:34:04.9:0.9, 51.43N:0.09:175.10W:0.06, h35km, mb3.5/4, Error ellipse: s-maj=13.2km s-min=5.6km az=1.5

AEIC 01 22:34:05.0:4.51, 51N:0.1:175.14W:0.07, h30km, 9km, ML3.2

ISC 01 22:34:06.8:1.2, 51.51N:0.1x175.14W:0.05, h35km, n17, e083/15, mb3.4/4, Andreev Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Great Sitkin T, Atka Island, Adak, Kanaga Island, etc.

ISC/JB 01 22:40:59.5:0.3, 31.06N:0.04:130.41E:0.07, h140km, 2km, mb3.6/12, Error ellipse: s-maj=9.9km s-min=5.1km az=19.5

IDC 01 22:40:50.7:1.3, 31.14N:130.38E, h134km, 10km, mb3.5/12, mb1 3.6/16, mb1mx3.5/44, mbtmp3.9/16, MS2.8/2, Ms1 2.8/2, ms1mx2.3/28, Error ellipse: s-maj=21.2km s-min=14.2km az=99.0

JMA 01 22:40:51.7:0.1, 31.07N:130.43E, h130km, 1km, M3.5

ISC 01 22:50:6.0:7.3, 31.06N:0.05:130.37E:0.07, h137km, 5km, n30, e96/47, mb3.7/12, Kyushu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Suzuyama, Tashiro, Kuchinoerabu, Tanegashima 3, etc.





Table with columns: ID, Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like S58A Poland Farm, V53A Saluda, USR3K Ussuriysk Ar, etc.

Table with columns: ID, Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like MK31 Makanchi Array, MK32 Makanchi Array, MK33 Makanchi Array, etc.

Table with columns: ID, Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like SPN Nalytchevo, SPN Ruskaya, SPN Dally, etc.

ISC/JB 01 23:40:59.4±1.0, 19°31'N; 0°07'46.52W; 0.0°4, h35km, Error ellipse: s-maj=9.6km s-min=5.5km az=16.4

NEIC 01 23:41:00.7±1.6, 19°27'N; 0°08'64.50W; 0.08, h40km, 33km

RSPR 01 23:41:00.9, 19.23N; 64.48W, h54km, 5km, MD3.0/4

ISC 01 23:41:01.1±1.2, 19°29'N; 0°11'64.52W; 0.05, h35km, n27, 0°74'31, 6C, Virgin Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like ABV Anegada, ABV Anegada, ABV Anegada Island, etc.

STR 01 23:53:44.7±0.4, 49°N; 5°E, h0km, MLv1.9/3

LDG 01 23:53:45.1±0.1, 49°13'N; 0°38'W, h15km, Md2.6/3, MI2.2/22

Error ellipse: s-maj=2.1km s-min=1.3km az=0

ISC 01 23:53:41.3±1.2, 49°27'N; 0°03'0.25W; 0.02, h16km, 9km, n42, i185/71, France

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like FLN La Foliniere, FLN La Foliniere, LDF La Druitiere, etc.

KRSC 01 23:30:22.5±1.6, 52°31'N; 161°10'E, h51km, 24km, ML 4.2
IDC 01 23:30:31.4±6.0, 52°59'N; 160°46'E, h59km, 43km, mb3.7/7,
mb1 3.8/7, mb1mx3.4/38, mbtrmp3.9/7, MS2.4/1, Ms1 2.4/1,
ms1mx2.1/48, Error ellipse: s-maj=43.4km s-min=26.1km
az=106.0
ISC 01 23:30:23.0±2.0, 52°37'N; 160°19'E; 0.05, h9km, 11km,
n40, i123/48, mb4.2/7, Off east coast of Kamchatka
Peninsula
Code Station Name Az El P Q R S T U V W X Y Z Az El P Q R S T U V W X Y Z
SPN Mys Shipunski 0.91 324 eP Pg 23 30 40.4 -0.1

2d 0h

Table with columns for station code, name, and various signal data points like SNR, elevation, and time.

GUC 02 00:01:49.7-0.9, 19.94S:69.05W, h102km, 4km, ML3.0
SJA 02 00:01:49.6-1.2, 19.93S:69.11W, h106km, 10km, ML2.6, MW3.2

Table listing stations in Northern Chile with columns for station name, coordinates, and signal data.

ISCJB 02 00:19:06.4-0.3, 17.60N:0.04:94.21W:0.03, h185km, 4km,
Error ellipse: s-maj=7.4km s-min=4.7km az=19.4

Table listing stations in Chiapas with columns for station name, coordinates, and signal data.

2013 SEP

Main table of station data for September 2013, including station codes, names, coordinates, and various signal parameters.









2d 1h

2013 SEP

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Table with multiple columns: Station Name, Frequency, Power, Mode, and various numerical data points. Includes stations like KEK, STON, HCY, SRN, etc.



2d 1h

Table with columns: SVE, comp, pmax, pmax, and numerical values. Rows include SHME, ASUD, BANOM, NAZ, FAQ, MSFE, MDH, DBIC, DBIC, HATD, ASHO, TIC, ALNE, KIC, LIC, SPAO, SPAO, SPAO, SPITS, BRVK, BRVK, BVAO, BVAO, WSAR, WSAR, SUMG, SUMG, SUMG, AAK, AAK, SFJD, SFJD, KURBB, KURBB, KURK, KURK, KSH, ZAA1, ZALV, ZALV, MK31, MK31, MK32, MK32, MKAR, MKAR, MKAR, MKAR, MKAR, WMQ, WMQ, WMQ, WMQ, SCHQ, SCHQ, HAL, BATG, BATG, GGN, GGN, PQI, PQI, D61A, PKME, E61A, D60A, E60A, CHGQ, LATQ, LATQ, F60A, D58A, F59A, E58A, G60A, D57A, LBNH, LBNH, D56A, HRV, LSQO, MATO, E56A, D55A, G58A, SONAO, SONM, H59A, ALFO, H58A, VLD0, D54A, LONY, LONY.

2013 SEP

Table with columns: G57A, ACCN, ORIO, F55A, J59A, H57A, D53A, D53A, E54A, I58A, E53A, G55A, I57A, H56A, PEMO, J58A, D52A, M61A, PLVO, PLVO, ALGO, PAL, J57A, J57A, D51A, E52A, K58A, H55A, G54A, D50A, BANO, PECO, DELO, DELO, E51A, I55A, L58A, M59A, BINY, BINY, K57A, G53A, F52A, N60A, KSPA, HUKO, F51A, D49A, N59A, N59A, SADO, K56A, WLVO, E60A, E50A, L57A, M58A, PSUB, KLBO, PKRO, K55A, L56A, L56A, P60A, O59A, M57A, N58A, N58A, I53A, E48A, CLWO, W5NY, L55A, I52A, D47A, O58A, TOBO, F49A, ACTO, M56A, M56A, N57A.

Table with columns: LZH, LZH, LZH, BMRO, F48A, S5PA, S5PA, SDMD, L54A, E47A, O57A, M55A, M55A, N56A, J52A, I51A, D46A, P58A, BASO, ERPA, ERPA, N55A, N55A, M54A, M54A, O56A, O56A, E46A, P57A, P57A, L53A, Q58A, H48A, G47A, K51A, O55A, BOSA, N54A, N54A, I49A, S59A, Q57A, P56A, M53A, R58A, R58B, R58B, G46A, M52A, J49A, R57A, GLMI, GLMI, Q56A, Q56A, K50A, K50A, F45A, N53A, N53A, MCWV, MCWV, S58A, S58A, O54A, T59A, U60A, P55A, J48A, J48A, I47A, HHC, HHC, HHC, E43A, K49A, R56A, H46A, P54A, P54A, INK, N52A, M51A, O53A.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like Q55A Buckhannon, PLIO Pelee Island, V60A Jim Taylor Roa, etc.

Table with columns: PDRP, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like Patillas Dam, W37A Gilead, W58A The Farm, Brul, etc.

Table with columns: Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like L40A Anamosa, L40A Anamosa, M41A Milan, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like URIC, X40A, W39A, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like PV11, PV16, PV20, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like TKM2, TKM2, SMLA, etc.

ICD 02 01:17:02.3:0.36:18N71:24E, h50km, 27km, mb3.7/14, m1 3.9/19, mb1mx3.6/55, mbtmp4.1/19, ML4.0/5, MS3.4/1, Ms1 3.4/1, ms1mx2.4/47, Error ellipse: s-maj=23.0km s-min=19.0km a=6.0

ISCBJ 02 01:17:06.7:0.3, 36:47N:01:02:71.49E:0.05, h114km, mb3.9/13, Error ellipse: s-maj=5.2km s-min=3.1km az=169.5

NEIC 02 01:17:08.4:2.3, 36:61N:0:06:71.14E:0:05, h111km, 11km, mb4.1/2

NMC 02 01:17:11.8:5.4, 37:05N:0:70:96E, h268km, 103km, mb3.1, mpv4.5, Error ellipse: s-maj=67.8km s-min=25.5km az=166.0

ISC 02 01:17:07.0:0.5, 36:52N:0:05:71.43E:0:06, h114km, n73, c=277/82, mb3.9/13, 5C-6D, Afghanistan-Tajikistan border region

MEX 02 01:27:55.2:1.0, 16:29N:98.617W, h16km, 16km, MD3.6, Near coast of Guerrero

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

MEX 02 01:29:16.7:0.3, 27:67N:105:08W, h17km, 77km, MD4.0

NEIC 02 01:29:16.3:2.2, 27:67N:105:05, 42W:0.04, h17km, 7km

ISC 02 01:29:13.3:1.1, 27:70N:106:05, 105:11W:0:09, h10km, n10, c=150/16, Northern Mexico

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

ICD 02 01:44:05.9:3.9, 49:78N:175:27W, h0km, mb3.2/2, m1 3.7/3, mb1mx3.3/45, mbtmp3.5/3, ML3.2/1, MS2.9/2, Ms1 2.9/2, ms1mx2.5/20, Error ellipse: s-maj=91.1km s-min=41.2km az=2.0

ISCJB 02 01:44:13.6:0.8, 51:51N:0:07:175:38W:0:06, h35km, mb3.4/1, MS2.8/2, Error ellipse: s-maj=10.0km s-min=5.0km az=176.6

AEIC 02 01:44:13.1:1.1, 51:49N:0:02:175:35W:0:01, h27km, 7km, ML3.1

NEIC 02 01:44:14.0:1.2, 51:51N:0:1:175:37W:0:04, h35km, n31, c=88/26, Andreanof Islands

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

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Great Sitkin, Kagalaska Isla, Mount Adagadak, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Cerro Villucu, Copiap, Coronel Fontan, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Barranca, Sant, Villavicencio, Florencia, etc.

WEL 02:01:53.08,3.42,S;2:17.4E, h13km,2km, M3.5/16, ML3.8/12, MLV3.5/16, Error ellipse: s-maj=0.0km s-min=0.0km az=158.1, Cook Strait

ASC 02:02:44.36,3.0,7.5,8,SNR=0.04,78.13,W, h0.06, h35km, n37, c=22.02,0.0,mb3.6,5C-1D, South of Panama

IDC 02:02:45:14.2,1.9,4.0,3,10N,126.28E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/4.0, mbtmp3.7/5, MS4.2/1, Ms1 4.2/1, m1mx2.8/3.9, Error ellipse: s-maj=1.0,10.3km s-min=26.9km az=68.0, Talaud Islands

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Bahia Solano, Punta Ardita, Bahia Malaga, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Fitzroy Crossi, Warramunga Arr, Chichijima, etc.

IDC 02:00:40.4,2.7,7.52S,129.81E, h121km,37km, mb3.5/1, mb1 3.6/5, mb1mx3.3/2.5, mbtmp3.9/5, Error ellipse: s-maj=1.84,2km s-min=21.3km az=90.0, Banda

IDC 02:02:13.2,0.3,4.2,2,3N,133.67E, h45km, mb5.5/8,0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.02; Mss=0.11; Mss=0.13; Mss=0.15; Mss=1.03; Mss=1.2; Fault plane solution: M4.25000\*10^17 NP1; Azm=2.73.20000; delta1.14000; lambda1.02000; NP2; phi=182.22000; delta9.75000; lambda10.14000; Principal axes: T 4.2345, Plg44.0000; Azm 0.06000; N -0.0380, Plg4.0000; Azm 2.0000; P -4.2725, Plg13.0000; Azm259.0000;

IDC 02:02:51:13.7,0.3,4.2,2,3N,133.67E, h45km, mb5.5/8,0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.02; Mss=0.11; Mss=0.13; Mss=0.15; Mss=1.03; Mss=1.2; Fault plane solution: M4.08000\*10^17 NP1; Azm=359.0000; delta9.00000; lambda-98.00000; NP2; phi=262.00000; delta8.00000; lambda-7.414000. Principal axes: T 4.1698, Plg43.0000; Azm98.0000; N -0.1884, Plg8.0000; Azm360.0000; P -3.9815, Plg45.0000; Azm261.0000;

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Sorong, Fitzroy Crossi, Warramunga Arr, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Bahia Solano, Punta Ardita, Bahia Malaga, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Vladivostok, Vladivostok, Grnatojzezhnoj, etc.

IDC 02:02:30:58.8,1.1,28.73S;67.20W, h115km,12km, mb3.5/3, mb1 3.3/8, mb1mx3.2/2.4, mbtmp3.7/8, MS3.3/2, Ms1 3.3/2, ms1mx2.4/2.2, Error ellipse: s-maj=24.5km s-min=10.2km az=99.0

ISC/B 02:02:30:59.1,0.4,28.74S;0:03:67.31W,0:05, h136km,6km, mb3.5/3, Error ellipse: s-maj=6.7km s-min=5.1km az=13.2 SJA 02:02:30:59.2,0.9,28.75S;67.32W, h135km,6km, ML3.5, MW3.7

ISC 02:02:59:7.0,8.28,73S;0:04:67.29W,0:05, h134km,7km, n31, c0.98/38, mb3.8/3, La Rioja Province

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Vinchina, Huatulco, Tiapa, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Puerto Berrío, Prado, Cinco Dias, etc.

Table of astronomical objects with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Includes objects like Vladivostok, Vladivostok, Grnatojzezhnoj, etc.

2d 2h

Table of astronomical data for the 2d 2h period, listing various celestial objects and their coordinates.

2013 SEP

Table of astronomical data for the 2013 SEP period, listing various celestial objects and their coordinates.

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Table of astronomical data for the 60 period, listing various celestial objects and their coordinates.

Table with columns for station codes (SKR, BTO, WHN, etc.), frequencies, and various parameters like P, S, ScP, etc.

Table with columns for station codes (CD2, GYA, SMY, etc.), frequencies, and various parameters like P, S, ScP, etc.

Table with columns for station codes (H11S2, TEZP, TAWA, etc.), frequencies, and various parameters like P, S, ScP, etc.





Table containing aircraft registration information for various airlines such as VORD, LOFOTEN, FINES, and WRAB, including call signs, frequencies, and other flight details.

Table containing aircraft registration information for airlines from Belarus, including call signs like MINSK, MINSK, and MINSK, and other flight details.

Table containing aircraft registration information for airlines from the Netherlands, including call signs like KONO, Kongsberg, and KONO, and other flight details.

2d 2h

Table with columns for call sign, location, frequency, power, and other details. Includes entries like LO2E Cave Junction, HARR Harsova, EFORIE EFORIE, etc.

2013 SEP

Table with columns for call sign, location, frequency, power, and other details. Includes entries like BMO Blue Mountains, KLYT Kilyos, MORC Moravsky Berou, etc.

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Table with columns for call sign, location, frequency, power, and other details. Includes entries like BUD Budapest, SMOL Smolenice, SMOL Smolenice, etc.



2d 2h

Table with columns for RSBS, description, and performance metrics. Includes entries like SHPR Sheep Range, K22A Casper, RDMU Red Mountain, etc.

2013 SEP

Table with columns for EYMN, description, and performance metrics. Includes entries like EYMN Ely, PV18 Skein Mesa, PV12 Saucer Basin, etc.

Table with columns for D50A, SCIA, G45A, etc., description, and performance metrics. Includes entries like G1974 Best Tow, State Center, Suttans Bay, etc.



2d 2h

2013 SEP

Table with columns: HRV, Adam Dzewonski, 92.68, 18, P, P, 03 03 36.7 +0.9, etc. Lists various names and their associated numerical data.

Table with columns: OXF, Oxford, 94.06, 34, P, P, 03 03 42.9 +0.6, etc. Lists various names and their associated numerical data.

Table with columns: KMSC, Kings Mountain, 96.63, 28, P, P, 03 03 54.2 +0.3, etc. Lists various names and their associated numerical data.





2d 3h

Table with columns for station name, frequency, and other technical details. Includes stations like SYOW, SNA, NMA, etc.

IDC 02 03:12:22.0.0.13:82N:88:17W, h0km, mb3.3/3, mb1.3.8/6, mb1mx3.4/47, mbmp3.3/8, ML3.1/3, Error ellipse: s-maj=74.0km s-min=27.3km az=40.0

CGC 02 03:12:22.0.0.12:60N:88:98W, h2km, g99km, MD4.2

ISCJB 02 03:12:23.0.0.12:80N:07:88:91W, 0.04, h45km, 13km, mb3.3/3, Error ellipse: s-maj=13.8km s-min=5.2km az=24.4

SNET 02 03:12:24.0.0.9:21:91N:88:94W, h29km, 3km, ML3.8

ISC 02 03:12:25.1.4.12:79N:0:05:88:96W, 0.04, h29km, 11km, n34, s1928/47, mb3.2/3, 13D, Off coast of central America

Main table with columns: Code, Station Name, Frequency, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LALI, COEB, SNVI, etc.

DJA 02 03:28:07.0.0.2:25:52N:127:30E, h10km, MA, 7/10, mb5.0/7, mb5.3/5, MLV4.6/10, M1(MB)4.7/5

ISCJB 02 03:28:09.0.0.8:1:31N:0:08:123:2E:0:1, h39km, mb3.9/6, Error ellipse: s-maj=17.3km s-min=9.7km az=19.2

IDC 02 03:28:14.8.5.3:1:16N:123:04E, h78km, 50km, mb3.7/6, mb1.3.9/8, mb1mx3.6/31, mbmp4.1/8, ML4.4/2, MS3.4/3

2013 SEP

Table with columns for station name, frequency, and other technical details. Includes stations like LUWI, KENDI, TTSI, etc.

Ms1 3.4/3, ms1mx3.0/36, Error ellipse: s-maj=44.5km s-min=20.0km az=65.0

ISC 02 03:28:10.7.1.0:1:38N:0:09:123:1E:0:2, h39km, n17, s162/16, mb3.8/6, Minahassa Peninsula, Sulawesi

IDC 02 03:44:48.3.0.9:6:54S:11:10W, h0km, mb3.7/10, mb1.3.8/10, mb1mx3.7/33, mbmp3.7/10, MS4.0/18, Ms1.3.9/18, ms1mx3.8/31, Error ellipse: s-maj=30.1km s-min=19.9km az=111.0

ISCJB 02 03:44:55.0.0.5:5:94S:0:06:11:8W:0:1, h10km, mb4.2/19, MS4.0/17, Error ellipse: s-maj=17.1km s-min=8.1km az=7.8

NEIC 02 03:44:55.8.0.3:5:8S:0:1x11:8W:0:1, h10km, 1km, mb4.9/23

BUI 02 03:44:55.8.0.0:6:10S:11:30W, h10km, mb5.1/1, mb5.2/1, Ms7.5/0.1

GCMT 02 03:44:57.8.0.2:6:22S:0:02:11:35W:0:1, h12km, MW5.0/101, Moment Tensor Solution. s46,c55; s101.362; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=-3.6E-08; Mw=0.08E-08; Mo=3.28E-07; Ma=-0.20E-3; Mm=0.65E-07; Mv=-1.40E-26; Best double couple: Mx3.66800x10^16 NP2=162.00000, 835.00000, -1.02.00000, -1.02.00000; Principal axes: T 3.6820, P1g11.0000; Azm80.0000; N 0.0080, P1g7.0000; Azm172.0000; P -3.6710, P1g77.0000; Azm293.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 03:44:56.0.0.6:5:87S:0:09:11:8W:0:1, h10km, n96, s237/64, mb4.8/35, MS4.0/17, Ascension Island region

Main table with columns: Code, Station Name, Frequency, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H10N2, H10N3, H10N1, etc.

IDC 02 03:47:18.7.1.2:26:54S:178:39W, h0km, mb3.6/3, mb1.3.8/3, mb1mx3.6/23, mbmp3.6/3, Error ellipse: s-maj=235.1km s-min=108.4km az=151.0, South of Fiji Islands

Code, Station Name, Frequency, Phase ID, Time, Res, ISC, h, m, s, ISC

STKA Stephens Creek 35.9 252 Op P 03 54 15.6 +1.0

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Main table with columns: Code, Station Name, Frequency, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SQTA, ABTA, MOTA, etc.

IDC 02 03:45:54.4.1.2:6:07S:147:32E, h0km, mb3.8/6, mb1.4/9, mb1mx3.9/23, mbmp3.9/9, ML3.7/2, MS3.2/1, Ms1.3/21, ms1mx2.7/29, Error ellipse: s-maj=37.1km s-min=14.6km az=115.0

ISCJB 02 03:46:02.3.1.0:6:30S:0:07:147:3E:0:2, h77km, mb3.6/6, Error ellipse: s-maj=29.3km s-min=9.8km az=179.7

ISC 02 03:46:04.0.1.0:6:32S:0:08:147:5E:0:2, h77km, n10, s256/13, mb3.8/6, Eastern New Guinea region

Main table with columns: Code, Station Name, Frequency, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, WRA, CTA, etc.

IDC 02 03:47:18.7.1.2:26:54S:178:39W, h0km, mb3.6/3, mb1.3.8/3, mb1mx3.6/23, mbmp3.6/3, Error ellipse: s-maj=235.1km s-min=108.4km az=151.0, South of Fiji Islands

Code, Station Name, Frequency, Phase ID, Time, Res, ISC, h, m, s, ISC

ASAR Alice Springs 43.0 263 P 03 55 20.5 -0.4

WRA Warramunga Arr 43.74 268 P P 03 55 25.1 -0.9
FINES FINESS Array B 141.40 341 PKP PKPdf 04 06 50.6 -0.4

IDC 02 03:48:59.0:5.8, 5.08S:11.77W, h0km, mb3.8/6,
mb1 3.9/6, mb1mx3.7/26, mbtmp3.8/6, Error ellipse:
s-maj=135.8km s-min=89.8km az=161.0, Ascension
Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include H10S1 ASCENSION HYDR 4.78 216, H10S2 ASCENSION HYDR 4.79 216, H10S3 ASCENSION HYDR 4.80 217, etc.

ISCJB 02 04:02:01.5:0.6, 6.3S:0.1, 11.4W:0.1, h10km, mb4.3/19,
MS4, 1/10, Error ellipse: s-maj=20.2km s-min=13.3km
az=37.0

IDC 02 04:02:02.2:1.1, 6.12S:11.35W, h0km, mb4.1/10,
mb1 4.2/10, mb1mx4.0/33, mbtmp4.1/10, MS4, 1/11,
Ms1 4.1/11, ms1mx3.7/35, Error ellipse: s-maj=33.3km
s-min=22.4km az=147.0

NEIC 02 04:02:03.3:1.2, 6.2S:0.1, 11.4W:0.1, h10km, 1km,
mb4.6/6

GCMT 02 04:02:09.0:3.0, 6.10S:0.04, 11.39W:0.03, h12km,
MW4.8/84, Moment Tensor Solution. s14,c15; s84,c109;
Duration: 0 Moment tensor: Scale 1019Nm, Mr=2.17E+06;
Mw=0.41; 0; Mw=1.76E+07; Mw=0.63; 40; Mw=0.48; 06;
Mw=0.22; 36; Best double couple: M2, 12800, 1016
NP1=176.000000; s47.000000; A=70.000000; NP2=
0.328,000000; s47.000000; A=110.000000; Principal axes:
T 1.9150, Pkg0.000000, Azm252.000000, N 0.4270,
Plg14.000000, Azm342.000000; P -2.3420, Plg76.000000;
Azm162.000000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Surface wave
location Triangular moment-rate function

ISC 02 04:02:03.3:0.8, 6.2S:0.1, 11.4W:0.1, h10km, n54,
+111/39, mb4.5/21, MS4, 1/10, Ascension Island region

Main table for Ascension Island region with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include H10N2 ASCENSION HYDR 3.48 243, H10N1 ASCENSION HYDR 3.48 242, H10N3 ASCENSION HYDR 3.50 243, etc.

IDC 02 04:05:20.1:12.0, 5.86S:11.06W, h0km, mb3.4/3,
mb1 3.6/3, mb1mx3.3/33, mbtmp3.4/3, Error ellipse:
s-maj=47.7km s-min=128.2km az=141.0, Ascension
Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include H10N2 ASCENSION HYDR 3.93 240, H10N1 ASCENSION HYDR 3.93 240, H10N3 ASCENSION HYDR 3.95 240, etc.

IDC 02 04:06:19.0:1.1, 6.49S:147.80E, h0km, mb3.6/4,
mb1 3.9/5, mb1mx3.6/22, mbtmp3.7/5, ML4.0/1, Error
ellipse: s-maj=74.2km s-min=26.9km az=109.0, Eastern
New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr 18.70 223, ASAR Alice Springs 21.69 217, STKA Stephens Creek 25.92 192, etc.

SVSA 02 04:06:37.8:0.9, 36.98N:29.83W, h10km, MD3.7, ML2.8,
Error ellipse: s-maj=11.7km s-min=4.4km az=98.0,
Azores Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PCAN Candelaria 1.83 35, CALA Caldeira 1.83 29, PICO Pico 1.89 36, etc.

IDC 02 04:06:42.3:1.1, 30.90S:177.27W, h0km, mb4.0/4,
mb1 4.2/5, mb1mx4.0/22, mbtmp4.0/5, ML3.8/1, MS3.9/2,
Ms1 3.9/2, ms1mx3.2/39, Error ellipse: s-maj=29.7km
s-min=22.6km az=104.0

ISCJB 02 04:06:44.1:1.4, 31.06S:0.06, 177.5W:0.2, h27km,
mb4.0/4, MS4.6/1, Error ellipse: s-maj=27.9km
s-min=7.5km az=10.3

ISC 02 04:06:46.0:1.1, 30.98S:0.08, 177.4W:0.2, h27km, n12,
+192/13, mb4.0/4, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RAO Raoul Island 1.78 344, RAO Raoul Island 1.78 344, URZ Urewera 8.57 211, etc.

IDC 02 04:27:43.2:0.2, 49.76N:159.63E, h0km, mb3.6/5,
mb1 3.8/6, mb1mx3.5/66, mbtmp3.5/6, ML2.3/1, MS2.6/2,
Ms1 2.6/2, ms1mx2.5/49, Error ellipse: s-maj=47.4km
s-min=26.2km az=16.0

KRSC 02 04:27.44.7:1.7, 49.80N:159.62E, h99km, 39km, ML4.3
ISC 02 04:27.41.6:1.7, 49.71N:0.07, 159.51E:0.08, h29km, n36,
+3502/32, mb3.5/5, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KDTR Khodutka, Kamc 2.29 337, SKR Severo-Kuril's 2.39 295, PAU Puzhetka 2.46 317, etc.

SMAR Petropavlovsk- 3.59 342 eS Sn 04 29 49.1 +4.1
PETK 1.4nm,0.3s,baz=138,slow=14,SNR=22 P Pb 04 28 40.9 -3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PETK 3.1nm,0.3s,baz=140,slow=23,SNR=44 S Sn 04 29 33.8 -3.5, AVH Avacha 3.59 353 eP Pb 04 28 40.3 -4.1, SDR Sedulovna 3.59 354 eP Pb 04 28 40.1 -4.4, etc.

BJI 02 04:30:15.6:0.0, 6.3S:0.1, 11.4W:0.1, h10km, mb5.5/85,
MS5.5/70, MS5.5/94, MS5.5/95

ISCJB 02 04:30:16.5:0.6, 6.55S:0.02, 155.00E:0.02, h43km, 5km,
mb5.7/101, MS5.4/67, Error ellipse: s-maj=3.8km
s-min=3.3km az=175.6

NEIC 02 04:30:16.9:2.1, 6.63S:0.06, 155.14E:0.06, h35km, 1km,
mb5.9/319, Ms 20.5/8663, Mw5.8, Mmw5.9, Moment
Tensor Solution. Moment tensor: Scale 1017Nm;
Mr=7.07; Mw=4.94; Mw=2.13; Mw=0.01; Mw=2.80; Mw=0.37;
Fault plane solution: M6.890000x1017 NP1:
0.299,220000; s44.260000; A86.480000; NP2:
0.124,130000; s45.840000; A93.420000; Principal axes: T
2.0853, Plg87.000000; Azm104.000000; N -0.4173,
Plg2.000000; Azm302.000000; P -6.6680, Plg1.000000;
Azm212.000000

MOS 02 04:30:17.9:1.1, 6.45S:154.88E, h48km, mb5.9/40,
MS5.5/18, Error ellipse: s-maj=7.9km s-min=5.9km
az=99.2

NEIC 02 04:30:18.1, 6.56S:154.96E, h50km, Mwc6.0(GCMT),
Moment Tensor Solution. Moment tensor: Scale 1017Nm;
Mr=8.62; Mw=4.85; Mw=3.77; Mw=2.57; Mw=4.19; Mw=1.03;
Fault plane solution: M6.900000x1017 NP1:
0.125,000000; s54.000000; A83.000000; NP2:
0.5317,000000; s37.000000; A93.420000; Principal axes: T
2.0892, Plg87.000000; Azm7.000000; N -0.1741, Plg5.000000;
P -10.300000; P -8.9251, Plg9.000000; Azm220.000000

GCMT 02 04:30:20.8:0.1, 6.76S:155.00E, h45km, MW5.9/156,
Moment Tensor Solution. s156,c332; s151,c464;
Duration: 2s2 Moment tensor: Scale 1019Nm;
Mr=0.90E+01; Mw=0.50E+01; Mw=0.40E+01; Mw=0.04E+01;
Mw=0.51E+00; Mw=0.13E+01; Best double couple:
M0.941000x1018 NP1:0.137,000000; s49.000000;
A79.000000; NP2:0.308,000000; s42.000000; A83.000000;
Principal axes: T 0.9120, Plg84.000000; Azm95.000000; N
0.0570, Plg5.000000; Azm313.000000; P -0.9690, Plg4.000000;
Azm223.000000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 02 04:30:20.6:7.4S:155.09E, h45km, Moment Tensor
Solution. Moment tensor: Scale 1017Nm; Mr=9.34;
Mw=5.20; Mw=4.14; Mw=2.55; Mw=5.54; Mw=1.21; Fault
plane solution: M9.900000x1017 NP1:0.137,000000;
s48.000000; A96.000000; NP2:0.307,000000; s42.000000;
A83.420000; Principal axes: T 0.94255, Plg84.000000;
Azm101.000000; N 0.8338, Plg5.000000; Azm313.000000; P
-10.2863, Plg3.000000; Azm222.000000

DJA 02 04:30:22.5:0.7, 7.3S:15.5E, h84km, 6km, M6.0/78,
Mw6.2/58, Mw5.9/78, Mw6.2/58, Mw6.2/58, Mw6.0/3

IDC 02 04:30:22.0:0.8, 6.57S:154.98E, h79km, mb5.4/41,
mb1 5.4/46, mb1mx5.4/47, mbtmp5.7/46, MS5.3/23,
Ms1 5.3/23, ms1mx5.3/26, Error ellipse: s-maj=7.7km
s-min=6.5km az=71.0

ISC 02 04:30:18.7:0.3, 6.52S:0.03, 155.04E:0.03, h54km, 2km,
h54km; PP-P, n2178, s1232/1638, mb5.8/225, MS5.8/395,
115C-31/2, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RABL Rabaul 3.68 309, KRVT Keravat, HNR Honiara, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like Eidsvoll, Mare, Loyalty, Tarawa, Kwayjalein Atol, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other parameters. Includes stations like NNZ Nelson, THZ Topkara, THZ South Karori, etc.



2d 4h

Table with columns for flight codes (e.g., XAN, PEAOB), destinations (e.g., comp=Z,2um,24.0s), and various numerical data points including times and status indicators.

2013 SEP

Table with columns for flight codes (e.g., CASY, IMP, MOKO), destinations (e.g., comp=Z,4um,20.0s), and various numerical data points including times and status indicators.

Table with columns for flight codes (e.g., BILL, GUN, PKI), destinations (e.g., comp=Z,274nm,0.9s), and various numerical data points including times and status indicators.









2d 4h

Table with columns: ID, Name, Frequency, Power, Bandwidth, etc. Includes rows for stations like Suttons Bay, El Apazole, SFIN, etc.

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Table with columns: BRAL, Brewton, Frequency, Power, Bandwidth, etc. Includes rows for stations like Curarrehue, D49A, U49A, etc.

Table with columns: F51A, Arnstein, Frequency, Power, Bandwidth, etc. Includes rows for stations like Ashland, N51A, S51A, etc.



2d 4h

Table with columns: Call sign, Name, Frequency, Power, Mode, and various data points. Rows include E58A, SNAR, OJC, R58A, M58A, J58A, BINY, K58A, Q58A, Y58A, V58A, G58A, N58A, N58A, T58A, Z58A, W58A, I58A, P58A, X58A, DRGR, O58A, 059Z, L58A, S58A, S58A, U58A, R58B, R58B, G004, PAGS, H58A, ASAL, O59A, O59A, 059A, E59A, E59A, LSZ, LSZ, RGN, NCB, 959A, SDMD, FRNY, J59A, PLVB, H59A, CBN, CBN, F59A, D59A, ALN, O59A, Y59A, Y59A, W59A, M59A, N59A, P59A, R59A, X59A, S59A, 061Z, EZN, EZN, GZR, GZR, LANS, LANS, T59A, U59A, U59A, RDO, Q59A, LCO, LCO, 060Z, F60A.

2013 SEP

Table with columns: Call sign, Name, Frequency, Power, Mode, and various data points. Rows include 060A, SIRR, CNNC, E60A, SMTH, R60A, LUPA, D60A, OKC, G60A, N60A, O60A, Y60A, TRQA, X60A, P60A, P60A, S60A, PSZ, PSZ, PSZ, PSZ, V60A, U60A, W60A, PSUB, CFA, MBAR, MBAR, T60A, T60A, Q60A, Q60A, TRY, BZS, BZS, BZS, D61A, V60A, ODNJ, MORC, MORC, MORC, MORC, MORC, KSP, KSP, PRVC, PRVC, VYHS, VYHS, LJA, F61A, E61A, BRNJ, MDVR, MDVR, CHVC, CHVC, DPC, DPC, VTS, VTS, VTS, VTS, W61A, LBNH, LBNH, UPK, UPK, UPK, HNH, U61A, U61A, P61A, P61A, O61A, N61A, M61A, V61A, KSCT, JAVC, JAVC, PAL, PAL, S61A.

80

Table with columns: Call sign, Name, Frequency, Power, Mode, and various data points. Rows include S61A, R61A, G003, SRS, VRAC, VRAC, VRAC, ATAH, FFD, MODS, MODS, QUZA, V62A, YLE, AZU, AZU, KRUC, KRUC, PVCC, PVCC, PVCC, NNA, NNA, NNA, PAIG, PAIG, BRG, BRG, BRG, BRG, BRG, BRG, KNT, FRGS, VAY, CLL, CLL, CLL, CLL, G0PC, G0PC, G0PC, G0PC, TREK, MORH, MORH, MORH, HRV, HRV, HRV, PRU, PRU, PRU, VCA, PQL, PKME, PKME, PKME, WBL, WBL, WES, WES, BRYW, DIVS, MKKA, BCX, SKO, UPA, UPA, PBCC, LIT, LIT, CONA, ATAL, LKR, OTAV, OTAV, BBLs, BATG, NKC, NKC, NKC, NKC, PB10, KZN, RUDO, FNA, FNA, DID, M6SA, KHC, KHC, KHC.





Table of station data with columns: Code, Station Name, A, AZ, Phase, ID, Time, Res, h m s, ISC. Includes stations like Mys Shipunski, Kizimen, Tumrok D, Mys Kozlova, etc.

IDC 02 05:36:58.0,9,7,15,46S,-174,03W, h0km, mb3.6/3, mbl 3.9/3, mblmx3.6,2b, mbtmp3.6/3, Error ellipse: s-maj=437.0km s-min=36.2km az=139.0, Tonga Islands

Table of station data for Wake Island and Warramunga Arr stations.

UCR 02 05:43:24.7,0.8,7,22N,-82,34W, h10km, gkm, MW3.5, 2D, South of Panama

Table of station data for Volcan, Azuro, Durika, La Lucha 2, Arenal 1 stations.

NEIC 02 05:52:33.5,1.2,51,24N,-0,05,-175,01W, 0.03, h12km, 7km AEIC 02 05:52:34.1,2,51,30N,0,05,-175,04W, 0.03, h11km, 6km, ML2.9, Andean/Islands

Large table of station data for various islands including IGITIN, GSTR, KAGALASKA, ATKA, etc.

IDC 02 06:12:03.1,0.8,12,06N,-143,16E, h0km, mb4.1/9, mb1 4.3/10, mblmx3.9/37, mbtmp4.1/10, ML4.2/1, Error ellipse: s-maj=31.7km s-min=18.6km az=116.0

ISCJB 02 06:12:05.1,0.3,11,97N,-0,05,-143,24E, 0.16, h25km, mb4.1/9, Error ellipse: s-maj=9.3km s-min=6.6km az=32.3

NEIC 02 06:12:06.5,1.3,11,98N,-0,10,-143,33E, 0.09, h38km, 2km, mb4.4/19

ISC 02 06:12:06.9,0.6,12,00N,-0,08,-143,31E, 0.08, h25km, n47, -089/43, mb4.4/18, South of Mariana Islands

Table of station data for Guam, Anatahan, Sargat, Pohnpei, etc.

Table of station data for Karatay Array, Karatay Array, Borovoye, etc.

MAN 02 06:26:22.4,19,28N,-119,20E, h33km, mb4.5, ML3.3, MS3.1, 1C, Philippine Islands region

Table of station data for Dolores, Conner, Callao Caves, Bolinao, San Manuel, Pa Baler, etc.

ISCJB 02 06:32:58.0,0.2,6,2,43N,-0,02,-151,00W, 0.04, h94km, 3km, mb3.6/7, Error ellipse: s-maj=3.4km s-min=2.5km az=28.5

IDC 02 06:32:57.3,2.0,6,2,40N,-151,55W, h56km, 24km, mb3.4/7, mb1 3.7/11, mblmx3.5/43, mbtmp3.8/11, ML3.9/5, Error ellipse: s-maj=19.9km s-min=14.6km az=105.0

NEIC 02 06:32:59.1,2.0,6,2,42N,-0,04,-151,11W, 0.04, h83km, 8km AEIC 02 06:33:00.1,9,6,2,42N,-0,03,-151,02W, 0.01, h76km, 6km, ML3.9

ANF 02 06:33:01.9,1.2,6,2,77N,-150,53W, ML4.1/3, Error ellipse: s-maj=12.3km s-min=9.4km az=16.0

ISC 02 06:32:59.4,0.8,6,2,42N,-0,03,-151,03W, 0.03, h81km, 9km, n103, e128/134, mb3.8/7, Central Alaska

Table of station data for HURricane, SUSTINA ONE, CAPPS GLACIER, PALMER, etc.

IDC 02 06:41:11.2,3.9,5,05S,-152,39E, h133km, 26km, mb2.9/2, mbl 3.2/2, mblmx2.9/27, mbtmp3.3/2, Error ellipse: s-maj=115.0km s-min=41.4km az=120.0, New Britain region

Table of station data for Keravat, Warramunga Arr, Alice Springs, Kinnin Arm, etc.

Table of station data for Kejulik, Eagle, Table Mountain, etc.

IDC 02 06:41:27.9,1.3,17,4S,-0,6,-178,70W, 0.13, h547km, mb3.6/8, Error ellipse: s-maj=85.4km s-min=15.9km az=151.4

Table of station data for Charters Tower, Stephens Creek, etc.

IDC 02 06:41:30.7,19.0,17,44S,-178,70W, h572km, 252km, mb3.1/8, mbl 3.4/8, mblmx3.1/27, mbtmp4.1/8, Error ellipse: s-maj=90.6km s-min=66.6km az=169.0

ISC 02 06:41:28.7,1.5,17,55S,-0,6,-178,6W, 0.03, h547km, n8, -067/8, mb3.7/8, Fiji Islands region

Table of station data for Warramunga Arr, ASAR Alice Springs, etc.

IDC 02 06:55:06.4,0.3,1,27N,-0,05,-143,27E, 0.06, h27km, mb4.0/15, MS3.9/7, Error ellipse: s-maj=5.5km az=38.0

GMCT 02 05:57:07.0,0.4,12,31N,-0,03,-143,28E, 0.02, h14km, 2km, MW4.9/77, Moment Tensor: s19,c21; s77,c95; Duration: 0 Moment tensor: Scale 1016Nm; Mr-1.07s, 13; Mw-1.83s, 10; Mw-2.90s, 18; Mw-1.25s, 40; Mw-0.45s, 13; Ms-0.33s, 35; Best double couple: M2.87900x10^16 Np1.0s44.00000, 0.870.00000, -1.32.00000. NP2: q=146.00000, 360.00000, -1.157.00000. Principal axes: T 2.9960, P1g7.0000, Azm97.0000; N -0.2340, P1g53.0000, Azm196.0000; P -7.2620, P1g36.0000; Azm2.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

NEIC 02 06:55:08.3,0.6,12,23N,-0,08,-143,33E, 0.08, h27km, n58, -155/48, mb4.0/20, MS3.9/7, 1C, South of Mariana Islands

Table of station data for Guam, Warramunga Arr, ASAR Alice Springs, etc.

IDC 02 06:55:04.7,0.7,12,33N,-143,25E, h0km, mb4.0/13, mb1 4.2/14, mblmx3.9/45, mbtmp4.0/14, ML4.1/11, MS3.8/11, Ms1 3.9/11, mblmx3.6/28, Error ellipse: s-maj=20.9km s-min=15.3km az=95.0

ISCJB 02 06:55:06.4,0.3,1,27N,-0,05,-143,27E, 0.06, h27km, mb4.0/15, MS3.9/7, Error ellipse: s-maj=5.5km az=38.0

GMCT 02 05:57:07.0,0.4,12,31N,-0,03,-143,28E, 0.02, h14km, 2km, MW4.9/77, Moment Tensor: s19,c21; s77,c95; Duration: 0 Moment tensor: Scale 1016Nm; Mr-1.07s, 13; Mw-1.83s, 10; Mw-2.90s, 18; Mw-1.25s, 40; Mw-0.45s, 13; Ms-0.33s, 35; Best double couple: M2.87900x10^16 Np1.0s44.00000, 0.870.00000, -1.32.00000. NP2: q=146.00000, 360.00000, -1.157.00000. Principal axes: T 2.9960, P1g7.0000, Azm97.0000; N -0.2340, P1g53.0000, Azm196.0000; P -7.2620, P1g36.0000; Azm2.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

NEIC 02 06:55:08.3,0.6,12,23N,-0,08,-143,33E, 0.08, h27km, n58, -155/48, mb4.0/20, MS3.9/7, 1C, South of Mariana Islands

Table of station data for Guam, Warramunga Arr, ASAR Alice Springs, etc.

2d 8h

Table with columns: TGY, Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tagaytay City, WAKE ISLAND, and various other locations.

2013 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes sections for 'coast of Guerrero', 'MEX 02 08:11:25.3:0.6, 16.05N:98.38W', and 'coast of Kamchatka Peninsula'.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Leonard, Mountain Grove, French Village, and various other locations.





Table of horse race results for 2d 8h, listing race numbers, names, times, and other details.

Table of horse race results for 2013 SEP, listing race numbers, names, times, and other details.

Table of horse race results for 2013 SEP, listing race numbers, names, times, and other details.



2013 SEP

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TLCR, JAVC, VYHS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like R55A, X48A, M61A, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like V59A, Z54A, W58A, etc.

ICD 02 08:58:41.0, 3.2, 50.75N; 174.48W, h0km, mb3.5s, mb1 3.67, mb1mx3.4/66, mbtbp3.5/7, ML3.2/2, Error ellipse: s-maj=85.1km s-min=24.3km az=176.0

NEIC 02 08:58:48.3:1.6, 51.2N:0.1:175.09W:0.08, h19km, 14km  
AEIC 02 08:58:49.1:1.5, 125N:0.07:175.05W:0.04, h21km, 6km,  
ML2.7

ISC 02 08:58:48.3:2.2, 51.2N:0.1:175.02W:0.04, h23km, 14km,  
n26.6, t105/33, mb3.74, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time (h:m:s), Res (s), and Res (ms). Lists stations like IGITKIN ISLAND, GREAT SIKITIN M, etc.

UCR 02 09:00:16.4:1.0, 7.13N:82.19W, h20km, 4.3km, MW3.5, 1D,  
South of Panama

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time (h:m:s), Res (s), and Res (ms). Lists stations like BRUZ Volcan, AZU Azuero, etc.

BUJ 02 09:02:05.1:9.0, 4.61S:152.54E, h150km, mb5.1/61,  
mb4.9/35

IDC 02 09:02:05.6:0.3, 4.58S:151.97E, h145km, 2km, mb4.5/33,  
mb1.4/6.37, mb1mx4.5/5.0, mbtmp5.0/37, MS3.3/6,  
Ms1.3/3.6, ms1mx3.0/33, Error ellipse: s-maj=9.5km  
s-min=7.1km, az=97.0

MOS 02 09:02:05.8:1.0, 4.53S:151.90E, h157km, mb4.9/22, Error  
ellipse: s-maj=10.1km, s-min=6.9km, az=90.9

ISCJB 02 09:02:05.1:0.4, 4.59S:151.89E:0.03, h149km, 3km,  
mb5.0/72, Error ellipse: s-maj=4.7km, s-min=4.5km,  
az=137.5

DJA 02 09:02:05.0:3.5, 5.3S:151.2E, h147km, 3km, M4.9/27,  
mb5.8/6, mb4.8/27, MLV4.6/2, Mv(m)5.3/6

NEIC 02 09:02:05.7:1.5, 4.56S:151.92E:0.08, h147km, 4km,  
mb4.9/150

GCMT 02 09:02:07.6:0.3, 4.51S:152.25E:0.03, h161km, 4km,  
MW5.0/87, Moment Tensor Solution. s15, c16; s87, c108;  
Duration: 0. Moment tensor: Scale 10^16 Nm; Mr0.49±.14;  
Mho0.53±.21; Mvo-1.02±.21; Mno2.55±.12; Mso-3.35±.21;  
Mto-1.15±.12; Best double couple: M0.30300±.010^16  
N1±.81, 0.0000°; δ85, 0.0000°; N143, 0.0000°; NP2:  
p1=75.0000°; δ33, 0.0000°; λ6.0000° Principal axes: T  
4.2580, Plg29.000°; Azm32.0000°; N. 0.0890.  
Plg53.0000°; Azm255.0000°; P-4.3490, Plg21.0000°.  
Azim134.0000°; nsta1 refers to body waves, cutoff=40s.  
nsta2 refers to surface waves, cutoff=50s. Triangular  
moment-rate function

ISC 02 09:02:05.7:0.5, 4.62S:151.98E:0.05, h148km, 4km,  
h149km: pP-P, n526.6, t106/436, mb3.9/132, 11C-8, NPW

Britain region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time (h:m:s), Res (s), and Res (ms). Lists stations like KRVT Keravat, RABL Rabaul, etc.

Main data table with columns: MARNC, WRAB, WBRB, WBS, WRA, WRA, PINNC, KNRA, ARMA, AS31, ASAR, ASAR, ASAR, STKA, STKA, FITZ, FITZ, FITZ, CAN, CAN, BBOO, KAPI, KAPI, TOO, TOO, FITZ, PSAA0, PSAA0, PSAA0, TAU, TAU, JOW, JHJ, HIZ, HIZ, SBUM, URZ, URZ, GIRL, GIRL, YULB, BKZ, NACB, SSBL, SSBL, THZ, THZ, YHNB, MORW, MORW, SNZO, SNZO, FOFZ, FOFZ, BHW, KSM, RPZ, RPZ, JNU, JNU, LBZ, LBZ, DCZ, DCZ, MJAR, MJAR, MJAR, MJAR, MJAR, MJAR, GUN.

Main data table with columns: MAJO, MAJO, MAT, MJB9, MLZ, MLZ, QZH, QZH, TJN, KSR5, MDSI, NJ2, NJ2, ASAJ, ASAJ, WHN, JRMJ, VLA, VLA, PANO, USSURYSK, USSURYSK, USRK, USRK, YSS, YSS, KULM, MNSI, NONG, ENH, ENH, CHAI, CHAI, PSI, PSI, TRYT, GYA, GYA, GYA, GYA, GYA, SLVN, SLVN, CN2, CN2, GSI, KCSI, PHET, UTTA, NANT, SRDT, XAN, XAN, XAN, XAN, XAN, XAN, UMPA, LAMP, PAYA, HHM, HHM, CMAR, CMAR, CMAR, CHTO, CHTO, PETK, PETK, PEAK, MAESARI, HHC, HHC, HHC, LZH, LZH, LZH, LZH, LZH, MA2, MA2, MA2, GTA, GTA, GTA, GTA, BOD, TLY, TLY, JIRN, JIRN, GUN.

2d 9h

Table with columns for station call letters, name, frequency, and other details. Includes stations like PKI Pulchoki, PKIN Pulchoki, KKN Kakani, etc.

2013 SEP

Table with columns for station call letters, name, frequency, and other details. Includes stations like EGAK Eagle, ARSB Arslanbob, DWN Dawson Inlet, etc.

90

Table with columns for station call letters, name, frequency, and other details. Includes stations like GRAC Grapevine Rang, BBRC Big Bear Solar, SYO Syowa Base, etc.











Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, CLL Colim, KBL Kabul, TBI Tubuai, BRG Berggiesshubel, etc.

MEX 02 10:01:32.3-0.9, 17:24N-94:83W, h128km, 7km, MD3.8, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TGIG Tgig, VHO Vista Hermosa, etc.

ICC 02 10:02:11.1±1.0, 51.32N:175.27W, h0km, mb4.0/10, mb1.4/13, mb1mx3.9/53, mbtmp4/13, ML3.7/3, Error ellipse: s-maj=31.4km s-min=18.1km az=172.0

ISCJB 02 10:02:14.3±0.5, 51.20N:07:175.05W:0.05, h35km, mb4.0/10, Error ellipse: s-maj=10.0km s-min=4.1km az=176.5

NEIC 02 10:02:14.9±1.7, 51.24N:09:175.17W:0.06, h25km, 5km, mb4.1/15

AEIC 02 10:02:15.1±7.1, 51.25N:0:08:175.15W:0.05, h25km, 5km, ML3.7

ISC 02 10:02:16.5±0.8, 51.31N:0:1:175.15W:0.05, h35km, n60, o584/60, mb4.2/12, Andronof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSIG Igitkin Island, GSMY Great Sitkin M, ETKA Kagalaska Isla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DOT, BCAR Beaver Creek A, EGAK Eagle, etc.

MEX 02 10:14:58.5±0.5, 17:29N×101:00W, h15km, 5km, MD3.7, Near coast of Guerrero

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

ICC 02 10:14:59.2±1.2, 51.99N:175.45W, h0km, mb3.8/10, mb1.3/9/13, mb1mx3.8/39, mbtmp3.7/13, ML3.4/3, Error ellipse: s-maj=42.0km s-min=14.3km az=176.0

AEIC 02 10:14:59.1±8.5, 51.26N:0:07:175.14W:0.04, h16km, 5km, ML3.3

NEIC 02 10:15:03.4±1.7, 51.51N:0:08:175.23W:0.05, h50km, 9km, mb3.8/10

ISC 02 10:15:02.8±0.8, 51.51N:0:1×175:24W:0.04, h35km, n58, o1945/50, mb3.7/11, Andronof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSIG Igitkin Island, GSMY Great Sitkin M, GSTR Great Sitkin T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, SONG Songing Array, etc.

ISCJB 02 10:26:11.0±1.3, 51.25N:07:175.23W:0.05, h5km, 6km, mb3.4/3, Error ellipse: s-maj=10.9km s-min=5.2km az=173.5

NEIC 02 10:26:11.6±1.1, 51.17N:0:175.17W:0.05, h2km, 12km, h2km, 12km

AEIC 02 10:26:12.1±1.1, 51.21N:0:02:175.20W:0.01, h13km, 6km, ML3.0

ICC 02 10:26:14.1±2.0, 52.31N:175.53W, h0km, mb3.2/3, mb1.3/5.6, mb1mx3.4/54, mbtmp3.3/6, ML3.1/3, Error ellipse: s-maj=62.3km s-min=24.0km az=17.0

ISC 02 10:26:14.1±2.0, 52.31N:175.53W:0.04, h2km, 11km, n26, o142/43, mb3.2/3, Andronof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSIG Igitkin Island, GSMY Great Sitkin M, ETKA Kagalaska Isla, etc.

ISCJB 02 10:29:49.7±0.6, 24:30S:0:04:67.34W:0.04, h182km, 8km, Error ellipse: s-maj=7.9km s-min=4.5km az=42.1

ICC 02 10:29:49.5±1.3, 24:28S:67:07W, h155km, 17km, mb1.3/7.5, mb1mx3.3/32, mbtmp4.2/5, Error ellipse: s-maj=22.3km s-min=13.8km az=90.0

SJA 02 10:29:50.3±0.9, 24:24S:67:28W, h174km, 10km, ML3.2, MW3.1

GUC 02 10:29:52.1±0.3, 24:10S:67:98W, h233km, 6km, ML3.7

ISC 02 10:29:49.7±0.9, 24:28S:0:05:67.28W:0.04, h160km, 10km, n30, o1965/49, 5C-1D, Chile-Argentina border region

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

2d 10h

Table with columns: TCA, Tanti, 7.42 162 eP, Pn, 10 31 35.3 -0.1, 10 31 35.4

ISK 02 10:31:58.2, 40.722N, 41.699E, h5km, ML2.2/5
DDA 02 10:31:58.7, 40.699N, 41.699E, h7km, 5km, ML2.5
TIF 02 10:31:58.1, 40.722N, 41.759E, h42km, 2km

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

NIC 02 10:34:46.1, 0.0, 34.777N, 28.10E, h24km, 7km, M13.9/2
DDA 02 10:34:49.9, 3.15N, 27.75E, h7km, 5km, ML4.1
IDC 02 10:34:50.2, 1.0, 35.15N, 27.69E, h0km, mb3.6/g,

ISC/JB 02 10:41:33.0, 1.0, 35.54N, 16.43E, h33km, 8km, ML4.4
IDC 02 10:41:30.7, 0.6, 55.03N, 164.35E, h0km, mb4.0/15,

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

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Table with columns: MLSB, Milas, 2.17 1 PN, Pb, 10 35 29.5 -1.7

ISK 02 10:41:31.0, 1.1, 35.482N, 164.35E, h33km, 8km, ML4.4
IDC 02 10:41:30.7, 0.6, 55.03N, 164.35E, h0km, mb4.0/15,

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

Table with columns: KIL, Karymskiy, 3.03 256 PN, Pn, 10 42 19.9 -0.2

ISK 02 10:41:31.0, 1.1, 35.482N, 164.35E, h33km, 8km, ML4.4
IDC 02 10:41:30.7, 0.6, 55.03N, 164.35E, h0km, mb4.0/15,

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





Table with columns: GUY2C, FLOC, FLOC, FLOC, comp=N, 110nm, 0.4s. Includes station names like Florencia and time/res data.

SJA 02 11:55:33.7-0.6, 29°18'S-71°67'W, h33km, ML3.4, MW3.4
GUC 02 11:55:36.0-0.5, 29°20'S-71°30'W, h52km, 3m, ML3.6
ISC 02 11:55:32.3-2.2, 29°11'S-04°71'74W, 0.09, h1km, 11km, n16, e194/28, 1D, Near coast of central Chile

Main table for station 99, listing station names, codes, times, and residuals. Includes stations like La Serena, Las Campanas, Copiap, Combarbal, etc.

ISCJB 02 12:10:14.5-0.5, 15°95'S-04°16'74E, 0.109, h39km, mb4.2/12, MS3.6/7, Error ellipse: s-maj=11.9km, s-min=5.2km az=174.9
IDC 02 12:10:16.7-0.7, 16°02'S-167°58'E, h46km, 4km, mb4.0/13, Mb1.4/1.4, mb1mx3.8/4.0, mbmp4.2/14, MS3.4/9, M1 3.4/9, ms1mx3.2/35, Error ellipse: s-maj=22.1km, s-min=13.1km az=111.0
NEIC 02 12:10:16.0-1.1, 15°88'S-07°16'75'E, 0.07, h36km, 7km, mb4.6/18

ISC 02 12:10:16.1-0.5, 15°34'S-05°16'76E, 0.1, h39km, n60, e195/27, mb4.1/8, MS3.7/7, Vanuatu Islands

Main table for station 99, listing station names, codes, times, and residuals. Includes stations like Mare, Loyalty, Mont Dzumac, DZM, etc.

Main table for station 99, listing station names, codes, times, and residuals. Includes stations like MJAR, MJAR, MAJO, MAJO, CASY, CASY, BKNI, BKNI, USRK, USRK, etc.

IDC 02 12:20:46.2-1.6, 16°64N-95°78E, h0km, mb3.4/3, mb1.3/5.4, mb1mx3.3/4.0, mbmp3.3/4, ML3.0/1.1, MS2.4/1, Ms1.2/6.1, ms1mx2.4/3.7, Error ellipse: s-maj=24.8km, s-min=21.5km az=105.0, Near south coast of Myanmar

Table for station 99, listing station names, codes, times, and residuals. Includes stations like CMAR, CMAR, CMAR, CMAR, etc.

GCG 02 12:21:00.1-0.7, 13°65N-92°26W, h45km, 572km, MD3.7
MEX 02 12:21:01.7-0.6, 13°69N-91°78W, h28km, 17km, MD3.9
ISC 02 12:21:05.9-2.4, 13°9N-1°92.05W, 0.008, h54km, n7, e213/14, Off coast of Chiapas

Table for station 99, listing station names, codes, times, and residuals. Includes stations like STG3, STG3, THIG, THIG, FUG, FUG, etc.

NEIC 02 12:36:35.5-1.9, 43°49N-0°06'02W, 0.04, h7km, 9km, MDD 02 12:36:36.0-0.2, 43°48N-0°61W, h0km, mbLg3.5/24, Error ellipse: s-maj=2.7km s-min=1.9km az=136.0, PRXIMO STR 02 12:36:36.0-0.2, 43°N-2°E, h7km, 2km, mb3.4/2, ML4.0/14

INMG 02 12:36:36.2-9.4, 43°46N-0°65W, h5km, 4km, ML3.1, Error ellipse: s-maj=3.7km s-min=3.5km az=38.0, LDG 02 12:36:37.2-0.1, 43°44N-0°59W, h2km, Md3.5/3, M14.1/69, Error ellipse: s-maj=1.7km s-min=1.2km az=133.0

IGIL 02 12:36:38.0, 43°44N-0°62W, h2km, ISC 02 12:36:39.0-0.8, 43°45N-0°01'058W, 0.01, h16km, 5km, n258, e157/47, 3C-1D, Pyrenees

Main table for station 99, listing station names, codes, times, and residuals. Includes stations like URDF, URDF, ATE, ATE, etc.

Main table for station 99, listing station names, codes, times, and residuals. Includes stations like EALK, EALK, EORO, EORO, EORO, EORO, etc.







Table with columns: Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like NVAR Mina Array Bea, TPWV Teton Pass, TCUT Toone Canyon, etc.

Table with columns: Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like V53A Saluda, SCHO Schefferville, H1N2 WAKE ISLAND Hy, etc.

ISC 02:12:57.07.0.7, 51.26N:174.83W, h0km, mb3.8/19, m1.4/0.21, m1mx3.9/48, mbmp3.9/21, ML3.6/2, M33.0/3, Ms1.2/9.3, m1mx2.6/35, Error ellipse: s-maj=24.3km, s-min=14.4km az=171.0, ISCJTB 02:12:57.11.2.0.4, 19N:105.1752W:0.04, h35km, mb3.8/18, MS2.7/2, Error ellipse: s-maj=7.5km, s-min=3.3km az=170.4, AEIC 02:12:57.12.6.51.28N:0.07:175.16W:0.04, h23km, 5km, ML3.5, NEIC 02:12:57.12.8.1.6, 51.34N:105.175:19W:0.04, h26km, 4km, mb4.0/25, ISC 02:12:57.13.0.6.51.27N:0.09:175.08W:0.05, h35km, n105.1816/98, mb4.0/21, Andreaof Islands

Table with columns: Code, Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like GSGI Igitkin Island, GSMY Great Sitkin M, ETKA Kagalaska Isla, etc.

Table with columns: Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like YKA Yellowknife Ar, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like MEX 02:13:19:21.7.0.7, 18:13N:98:44W, h51km, 6km, MD3.7, Central Mexico.

Table with columns: Code, Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like MAN 02:13:23:39.8, 13:53N:120:25E, h36km, mb3.7, ML2.5, MS1.9, 1D, Mindoro.

Table with columns: Code, Station Name, Frequency, Power, Class, Status, Time, Res, etc. Includes stations like JMA 02:13:31:38.7, 37:82N-141.71E, h48km, 1km, M3.5, Near east coast of eastern Honshu.



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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like BATK, GAR, KBL, KURB, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like OBN, BR10, BRTR, BRTR, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LTX, TXAR, KURB, MK32, etc.

WEL 02 14:55:57.0, 39°S, 177°E, h24km, 2km, M3.8/24, ML4.0/18, MLV3.8/24, Error ellipse: s-maj=0.0km s-min=0.0km az=91.1, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARHZ, ARHZ, MCHZ, NMHZ, etc.

ISCJB 02 14:54:22.5, 0.9, 51.05N, 0.08, 174.87W, 0.08, h33km, M3.1/1, Error ellipse: s-maj=11.3km s-min=6.2km az=159.6

AEIC 02 14:54:23.1, 4, 51.23N, 0.05, 174.91W, 0.03, h6km, 5km, ML3.1

NEIC 02 14:54:25.0, 0.9, 51.22N, 0.04, 174.94W, 0.03, h33km, 5km, IDC 02 14:54:27.3, 3.8, 52.24N, 175.57W, h0km, mb4.0, mb1 4.0/5, mb1mx3.5/6, mbmtpp3.9/5, ML2.1/1, M3.5/0.2, mb1 3.0/2, ms1mx2.5/3.6, Error ellipse: s-maj=17.6km s-min=6.7km az=87.2

ISC 02 14:54:25.7, 1.3, 51.22N, 0.1, 174.98W, 0.06, h35km, n28, az=70.27, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSIG, GSNM, ATKA, etc.

NEIC 02 15:01:06.9, 2.2, 20.18S, 0.05, 69.03W, 0.04, h94km, 4km, mb4.7/18

ISC 02 15:01:06.4, 0.2, 20.13S, 0.02, 69.05W, 0.03, h101km, 2km, mb4.4/12, Error ellipse: s-maj=4.8km s-min=3.2km az=160.1

VAO 02 15:01:07.5, 0.5, 20.10S, 69.01W, h90km, mb4.8, IDC 02 15:01:07.9, 0.4, 20.12S, 68.99W, h98km, 3km, mb4.1/12, mb1 4.3/15, mb1mx2.4/2.7, mbmtpp4.5/15, M3.5/3.5, Ms1 3.3/5, ms1mx3.1/2.1, Error ellipse: s-maj=14.3km s-min=7.6km az=83.0

GUC 02 15:01:07.8, 0.5, 20.19S, 69.26W, h94km, 2km, ML4.7, BUJ 02 15:01:08.0, 0.0, 20.20S, 69.30W, h98km, mB5.2, SJA 02 15:01:08.0, 1.0, 20.20S, 69.32W, h95km, 4km, ML4.4, MW4.4

ISC 02 15:01:07.2, 0.3, 20.18S, 0.03, 69.19W, 0.04, h96km, 2km

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time, Resolution (Res), and various other parameters. Rows include station identifiers like PB08, GO01, and codes like R54A, T47A, etc.

2d 15h

Table of astronomical data for stars in the 2d 15h region. Columns include: Star Name, RA, Dec, Mag, P, Q, R, S, T, U, V, W, X, Y, Z, and other identifiers.

2013 SEP

Table of astronomical data for stars in the 2013 SEP region. Columns include: Star Name, RA, Dec, Mag, P, Q, R, S, T, U, V, W, X, Y, Z, and other identifiers.

106

Table of astronomical data for stars in the 106 region. Columns include: Star Name, RA, Dec, Mag, P, Q, R, S, T, U, V, W, X, Y, Z, and other identifiers.



2013 SEP

Table with columns: ID, Name, Date, Time, and various status codes. Includes entries like Dawson Inlet, Tymovskoe, Inuvik, etc.

Table with columns: ID, Name, Date, Time, and various status codes. Includes entries like Pine Nut, Hailer, Hayer, etc.

Table with columns: ID, Name, Date, Time, and various status codes. Includes entries like Songino Array, Songino Array, Songino Array, etc.









2d 16h

Table of astronomical observations for 2d 16h, listing stations like DRGR, KOLS, LVZ, FIAO, etc., with columns for station name, coordinates, and observation details.

103 SEP

Table of astronomical observations for 103 SEP, listing stations like BCAR, BOSA, BOSA, BALM, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 103 SEP, listing stations like JHJ2, JHJ2, JHJ2, JHJ, etc., with columns for station name, coordinates, and observation details.

MEX 02 16:17:25.70.6, 16:72N-98.97W, h5km, 4km, MD3.8, Near coast of Guerrero

Table of astronomical observations for MEX 02, listing stations like TLIG, TLIG, TLIG, CAIG, etc., with columns for station name, coordinates, and observation details.

ISC 02 16:17:36.8-3.0, 42.02N:0.1x46.5E:0.1, h16km, 9km, n11, e1914/19, Eastern Caucasus

Table of astronomical observations for ISC 02, listing stations like LGD, DDFL, DDFL, DDFL, etc., with columns for station name, coordinates, and observation details.

NIED 02 16:28:00, 37.70N-143.70E, h5km, Mw4.1 Best double

Table of astronomical observations for NIED 02, listing stations like JMA, JMA, JMA, JMA, etc., with columns for station name, coordinates, and observation details.

ISCJTB 02 16:28:20.4, 1.2, 37.82N:0.03:143.72E:0.04, h17km, 9km, mb3.0/13, MS3.5/2, Error ellipse: s-maj=4.6km

Table of astronomical observations for ISCJTB 02, listing stations like NEIC, NEIC, NEIC, NEIC, etc., with columns for station name, coordinates, and observation details.

JMA 02 16:28:22.6-0.2, 37.66N:143.68E, h50km, M4.2

ISC 02 16:28:22.3-3.5, 37.69N:0.04:143.76E:0.06, h17km, 22km, n88, e170/101, mb4.0/18, Off east coast of Honshu

Table of astronomical observations for JMA 02 and ISC 02, listing stations like KJHK, KJHK, KJHK, KJHK, etc., with columns for station name, coordinates, and observation details.

GUMO 02 16:17:25.70.6, 16:72N-98.97W, h5km, 4km, MD3.8, Near coast of Guerrero

Table of astronomical observations for GUMO 02, listing stations like H1N2, H1N1, H1N3, H1S1, etc., with columns for station name, coordinates, and observation details.

SONA 02 16:17:36.8-3.0, 42.02N:0.1x46.5E:0.1, h16km, 9km, n11, e1914/19, Eastern Caucasus

Table of astronomical observations for SONA 02, listing stations like ZAA1, ZAA1, ZAA1, ZAA1, etc., with columns for station name, coordinates, and observation details.

ILAR 02 16:28:00, 37.70N-143.70E, h5km, Mw4.1 Best double

Table of astronomical observations for ILAR 02, listing stations like WR1, WR1, WR1, WR1, etc., with columns for station name, coordinates, and observation details.

ISCJTB 02 16:28:20.4, 1.2, 37.82N:0.03:143.72E:0.04, h17km, 9km, mb3.0/13, MS3.5/2, Error ellipse: s-maj=4.6km

Table of astronomical observations for ISCJTB 02, listing stations like ASAR, ASAR, ASAR, ASAR, etc., with columns for station name, coordinates, and observation details.

JMA 02 16:28:22.6-0.2, 37.66N:143.68E, h50km, M4.2

ISC 02 16:28:22.3-3.5, 37.69N:0.04:143.76E:0.06, h17km, 22km, n88, e170/101, mb4.0/18, Off east coast of Honshu

Table of astronomical observations for JMA 02 and ISC 02, listing stations like ASAR, ASAR, ASAR, ASAR, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKAS, GOLH, BURDUR-Merkez, FETY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HKAT, HFRF, HRRG, GUMO, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JISG, Ishigakijimah, NNSB, NNS, etc.

Table with columns: KKAR, Karatay Array, 50.36 301, P, P, 17 31 40.6, -0.1, 17 31 41.7, etc.

ISCJB 02 17:37:39.4+1.6, 28.06N:0.07:112.2W:0.1, h10km, Error ellipse: s-maj=16.4km s-min=6.6km az=32.0

ECX 02 17:37:39.9+0.3, 28.11N:112.27W, h10km, MD2.7

MEX 02 17:37:42.8+0.8, 27.99N:112.17W, h10km, MD3.5

ISC 02 17:37:39.4+1.6, 28.05N:0.10:112.2W:0.1, h10km, n6, 0.53010, 1C-2D, Gulf of California

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

ISCJB 02 17:47:52.1+1.1, 27.11S:0.10:177.2W:0.2, h10km, mb3.4/2, MS3.2/4, Error ellipse: s-maj=27.2km s-min=13.8km az=6.5

IDC 02 17:47:56.9+2.7, 27.26S:177.83W, h0km, mb3.5/2, mb1.3/2, mb1mx3.5/4, mbtmp3.5/2, MS3.2/3, Ms1.3/2, ms1mx2.9/14, Error ellipse: s-maj=60.6km s-min=27.7km az=74.0

ISC 02 17:47:54.3+1.6, 27.02S:0.1x177.2W:0.3, h10km, n16, 0.51219, MS3.2/4, Kermadec Islands region

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

IDC 02 17:55:12.3+2.9, 13.31N:91.36W, h0km, mb3.8/2, mb1.4/2, mb1mx3.6/4, mbtmp3.6/4, MS4.0/2, MS3.2/6, Ms1.3/2, ms1mx2.8/3, Error ellipse: s-maj=54.7km s-min=40.5km az=169.0

ISCJB 02 17:55:20.7+0.7, 13.90N:0.06:91.46W:0.05, h54km, 6km, mb3.9/2, MS3.1/6, Error ellipse: s-maj=12.2km s-min=3.6km az=33.9

SNET 02 17:55:22.5+1.2, 14.01N:91.28W, h29km, 6km, ML4.2

MEX 02 17:55:23.7+0.7, 13.91N:91.65W, h10km, MD3.8

GCG 02 17:55:24.6+0.7, 14.27N:91.29W, h52km, 1.1km, MD4.2

NEIC 02 17:55:24.0+1.9, 14.05N:0.08:91.49W:0.08, h51km, 8km, mb4.0/12

ISC 02 17:55:21.0+1.3, 13.87N:0.08:91.47W:0.05, h45km, 13km, n69, 0.53476, mb4.0/7, MS2.9/6, 2C-1D, Near coast of Guatemala

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

Table with columns: TGIG, TGIG, 3.30 331, I, S, Pn, 17 56 48.1, -0.3, 17 56 48.1, +0.9, etc.

IDC 02 17:40.5+0.9, 51.91N:175.56W, h0km, mb4.0/18, mb1.4/19, mb1mx3.9/44, mbtmp4.0/19, ML4.1/1, MS2.9/5, Ms1.2/9, ms1mx2.7/43, Error ellipse: s-maj=30.8km s-min=14.5km az=170.0

NEIC 02 18:14:40.1+2.1, 51.31N:0.09:175.37W:0.06, h10km, 5km, mb4.5/33

ISCJB 02 18:14:41.6+0.4, 51.27N:0.06:175.30W:0.04, h35km, mb4.0/18, MS2.8/4, Error ellipse: s-maj=8.9km s-min=3.5km az=175.3

AEIC 02 18:14:42.2+1.5, 51.25N:0.09:175.37W:0.05, h26km, 5km, ML4.0

ISC 02 18:14:44.0+0.6, 51.43N:0.10:175.44W:0.04, h35km, n110, 0.52207, mb4.0/7, MS2.8/4, Andronof Islands

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

Table with columns: SCRK, comp=Z, 1.16m, 0.6s, I, Amb, I, Amb, 18 19 27.1, etc.

GCG 02 18:23:02.1+0.3, 14.52N:91.52W, h122km, 16km, MD3.5, Guatemala

FUG eS Sn 18 23 37.5 +1.4
IXG lxpaco eP Pn 18 23 26.1 +0.6

ISCJB 02 18:26:51.5i-1.1, 36.70N:0.04:141.37E:0.07, h17km, 7km, mb3.4/2, Error ellipse: s-maj=9.6km s-min=5.7km az=9.9

JMA 02 18:26:53.8i-0.1, 36.73N:141.21E, h37km, 1km, M3.0

JMA Felt 1 J1
IDA 02 18:26:54.0i-2.6, 36.32N:141.22E, h0km, mb3.4/2, mb1.3/4/4, mb1mx3.2/29, mbtmp3.3/4, ML2.2, Error ellipse: s-maj=51.8km s-min=26.9km az=51.0

ISC 02 18:26:52.3i-1.3, 36.72N:0.04:141.30E:0.08, h17km, 9km, n21, c076/26, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like ONAJ, JHO, JHYU, JFFD, JFJK, etc.

ISC 02 18:53:10.3i-1.1, 0.49N:174.32W, h0km, mb3.5/3, mb1.3/8/4, mb1mx3.4/21, mbtmp3.7/4, ML2.7, MS2.8/1, Ms1.2/8/1, ms1mx2.3/45, Error ellipse: s-maj=268.1km s-min=36.9km az=161.0

NEIC 02 18:53:24.4i-0.9, 51.23N:0.05:175.15W:0.03, h11km, 6km, ML2.9

NEIC 02 18:53:25.3i-1.2, 51.20N:0.05:175.12W:0.03, h36km, 111km

ISC 02 18:53:25.5i-1.6, 51.22N:0.01:175.12W:0.06, h35km, n27, c062/22, Andreanof Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like GSMY, ETKA, GSTD, etc.

KRSC 02 19:04:45.9i-2.1, 54.08N:166.64E, h66km, 37km, ML4.3, Komandorski Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like BKI, MKZ, KBTR, etc.

Table with columns: ESO, Esso, 4.93 295 eP Sn 19 06 01.4 +4.0, RDMU Red Mountain, 4.53 227 Pn 19 07 57.3 +0.7

ISCJB 02 19:06:46.0i-0.3, 43.79N:0.02:105.24W:0.03, h7km, mb4.0/3, Error ellipse: s-maj=3.6km s-min=3.3km az=6.2

IDC 02 19:08:47.7i-0.9, 44.01N:105.71W, h0km, mb4.0/3, mb1.3/8/9, mb1mx3.6/51, mbtmp3.7/9, ML3.4/6, MS2.4/1, Ms1.2/4/1, ms1mx2.0/53, Error ellipse: s-maj=22.7km s-min=8.3km az=148.0

NEIC 02 19:06:47.6i-1.3, 43.77N:0.05:105.29W:0.03, h0km, 2km, ML3.3/67

ISC 02 19:06:47.4i-0.8, 43.77N:0.06:105.25W:0.08, h7km, n111, c059/110, mb4.0/3, Wyoming

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like RSSD, K22A, PHWY, etc.

ISC 02 19:07:40.4i-0.7, 40.44N:105.53W, h0km, mb3.5/3, mb1.3/8/4, mb1mx3.4/21, mbtmp3.7/4, ML2.7, MS2.8/1, Ms1.2/8/1, ms1mx2.3/45, Error ellipse: s-maj=268.1km s-min=36.9km az=161.0

NEIC 02 19:07:40.4i-0.7, 40.44N:105.53W, h0km, mb3.5/3, mb1.3/8/4, mb1mx3.4/21, mbtmp3.7/4, ML2.7, MS2.8/1, Ms1.2/8/1, ms1mx2.3/45, Error ellipse: s-maj=268.1km s-min=36.9km az=161.0

ISC 02 19:07:40.4i-0.7, 40.44N:105.53W, h0km, mb3.5/3, mb1.3/8/4, mb1mx3.4/21, mbtmp3.7/4, ML2.7, MS2.8/1, Ms1.2/8/1, ms1mx2.3/45, Error ellipse: s-maj=268.1km s-min=36.9km az=161.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like GCMT, LKWK, LOHW, etc.

ISC 02 19:07:52.0i-1.0, 50.52N:166.64E, h66km, 37km, ML4.3, Komandorski Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like IMW, TPWA, YHH, etc.

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like RDMU, QMST, SUSD, etc.

KRSC 02 19:10:24.9i-1.4, 49.92N:156.94E, h17km, 21km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Lists stations like SKR, PAU, KDR, etc.

ISC 02 19:10:24.9i-1.4, 49.92N:156.94E, h17km, 21km, ML3.5, Kuril Islands



Table with columns: Station ID, Name, Elevation, Time, Azimuth, Distance, and other technical details. Includes stations like KHZ Kahutara, LTZ Lake Taylor, OXZ Oxford, etc.

Table with columns: Station ID, Name, Elevation, Time, Azimuth, Distance, and other technical details. Includes stations like SSSL, USRK Ussuriysk Ar., HOPS Hopland Field, etc.

Table with columns: Station ID, Name, Elevation, Time, Azimuth, Distance, and other technical details. Includes stations like U15A North Rim, PSUT Pine Spring, SZCU Shurtz Canyon, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Paradox Valley, Albuquerque, Puerto Ayora, Manley, Wood River Hill, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Bicaz, Tescani, Odestosi, Kolonice sedl, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Limon Verde, IPOC Station P, Minye Minye, etc.

ISCJB 02 20:13:21.8±0.7, 4.63N:0.05±126.03E:0.10, h100km, mb3.6/4, Error ellipse: s-maj=14.9km s-min=5.0km

MAN 02 20:13:23.7, 4.70N: 126.03E, h98km, mb4.6, ML3.4, MS3.3, IDC 02 20:13:27.4±2.4, 4.72N: 126.43E, h154km±46km, mb3.2/4, mb1.3/5.6, mb1mx3.1/4.8, mbtrmp3.9/6, Error ellipse: s-maj=58.8km s-min=21.0km az=71.0

ISC 02 20:13:23.5±0.9, 4.64N:0.08±126.0E:0.1, h100km, n12, c175/13, mb3.6/4, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DMPP Don Marcelino, MATI Mati, SKMP Bagumbayan, Su, etc.

ISCJB 02 20:22:49.4±0.6, 3.17N:0.04±5.50W:0.03, h7km±3km, Error ellipse: s-maj=6.1km s-min=3.7km az=179.1

MDD 02 20:22:51.0±0.5, 3.70N:0.548W, h11km±1km, mb3.4/2, mbLg1.6/1.0, Error ellipse: s-maj=4.7km s-min=3.5km az=180.0, PPKXMO

SFS 02 20:22:51.0, 3.70N:0.550W, h11km, ML1.6, MORON DE FLORENTERIA (CADIZ)

INMG 02 20:22:52.4±1.7, 3.70N:0.550W, h14km±4km, ML1.6, Error ellipse: s-maj=5.3km s-min=2.6km az=162.0

ISC 02 20:22:50.5±1.2, 3.70N:0.04±5.48W:0.03, h15km±10km, n24, c084/35, 1, 37, Spain

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LUJA Lijar, ESPR Espera, EMJU Emju, etc.





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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, Residual Error. Includes stations like BRG, CLL, CLL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, Residual Error. Includes stations like MJAR, MAJO, NEW, etc.

IDD 02 21:07:12.3-0.7, 51.32N-175.21W, h0km, mb3.9/17, mb1.4/2.18, mb1mx4.0/44, mbtmp3.9/18, ML4.1/1, MS3.0/3, Ms1.2/9.3, ms1mx2.7/33, Error ellipse: s-maj=25.8km s-min=14.0km az=165.0 NEIC 02 21:07:16.9-1.2, 51.13N-175.12W-0.05, h29km, 5km, mb4.4/21 AEIC 02 21:07:17.1-1.5, 51.23N-175.14W-0.04, h26km, 4km, ML4.0

ISC 02 21:07:13.3-2.5, 51.09N-170.175-12W-0.03, h8km, 15km, mb4.4, s-maj=28/92, mb4.1/24, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, Residual Error. Includes stations like ETKA, ETKA, GMSY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, Residual Error. Includes stations like KODAK, PETK, CCB, etc.

IDD 02 21:12:14.6-2.4, 73.12N-77.71E, h0km, mb1.3/5.4, mb1mx3.2/41, mbtmp3.4/44, ML2.9/4, Error ellipse: s-maj=33.7km s-min=17.6km az=74.0 NAO 02 21:12:14.8-2.1, 73.17N-78.9E, ML3.2 ISCBJ 02 21:12:15.6-0.7, 73.12N-78.0E-0.2, h10km, Error ellipse: s-maj=8.1km s-min=5.8km az=160.9 BER 02 21:12:18.2-3.1, 73.21N-79.3E, h10km, ML2.2, ML3.2(N/AO), Confirmed Earthquake HEL 02 21:12:21.0-0.3, 73.16N-9.03E, h10km, ML2.3, Confirmed Earthquake

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, Residual Error. Includes stations like BJO1, BJO1, HSPB, etc.





Table of station data for the 2d 22h period, including columns for station name, time, and other metrics.

UCR 02:22:13-40.9:1.2, 8:20N-83:17W, h12km, g8km, MW3.5, 2D, Costa Rica

Table of station data for the UCR event, including columns for station name, time, and other metrics.

ISC/JB 02:22:13:59.0:0.4, 6:44S:0:05x:154:36E:0:05, h48km, mb4.0/12, MS3/6.8, Error ellipse: s-maj=7.4km

ISC 02:22:13:59.0:0.4, 6:44S:0:05x:154:36E:0:05, h48km, mb4.0/12, MS3/6.8, Error ellipse: s-maj=7.4km

ISC 02:22:14:00:0.5, 6:41S:0:06x:154:41E:0:08, h48km, n46, 0:124/40, mb4.3/18, MS3.7/8, Bougainville-Holomon Islands region

Table of station data for the ISC 02:22:14:00 event, including columns for station name, time, and other metrics.

ISC 02:22:14:00:0.5, 6:41S:0:06x:154:41E:0:08, h48km, n46, 0:124/40, mb4.3/18, MS3.7/8, Bougainville-Holomon Islands region

Table of station data for the ISC 02:22:14:00 event, including columns for station name, time, and other metrics.

Table of station data for the 2013 SEP period, including columns for station name, time, and other metrics.

IDC 02:22:34:19.3:1.0, 2:22:88S:174:78W, h0km, mb3.8/6, mb1.4/1.6, mb1mx3.9/25, mbtmp3.8/6, Error ellipse: s-maj=5.1km, s-min=2.7km, az=148.0

Table of station data for the IDC 02:22:34 event, including columns for station name, time, and other metrics.

BJI 02:22:48:56.8:0.0, 5:133N:178:55W, h53km, mb5.1/58, mb5.0/32, MS4.5/19, MS7.4/3/20

BJI 02:22:48:56.8:0.0, 5:133N:178:55W, h53km, mb5.1/58, mb5.0/32, MS4.5/19, MS7.4/3/20

NEIC 02:22:48:58.0:2.2, 5:133N:178:57W, h50km, 5km, mb4.9/287

NEIC 02:22:48:58.0:2.2, 5:133N:178:57W, h50km, 5km, mb4.9/287

MOS 02:22:48:57.0:0.9, 5:146N:178:24W, h55km, mb5.0/28, MS4.1/4, Error ellipse: s-maj=11.0km, s-min=7.3km

MOS 02:22:48:57.0:0.9, 5:146N:178:24W, h55km, mb5.0/28, MS4.1/4, Error ellipse: s-maj=11.0km, s-min=7.3km

ISC/JB 02:22:48:57.0:0.4, 5:138N:178:27W, h58km, 2km, mb4.7/79, MS3.9/34, Error ellipse: s-maj=6.8km, s-min=2.5km, az=0.2

ISC/JB 02:22:48:57.0:0.4, 5:138N:178:27W, h58km, 2km, mb4.7/79, MS3.9/34, Error ellipse: s-maj=6.8km, s-min=2.5km, az=0.2

IDC 02:22:48:58.4:2.1, 5:143N:178:28W, h55km, 18km, mb4.3/31, mb1.4/5.33, mb1mx4.4/48, mbtmp4.6/33, ML5.6/1.1, MS3.7/26, MS1.3/7/26, mb1mx3.5/50, Error ellipse: s-maj=14.0km, s-min=5.8km, az=151.0

IDC 02:22:48:58.4:2.1, 5:143N:178:28W, h55km, 18km, mb4.3/31, mb1.4/5.33, mb1mx4.4/48, mbtmp4.6/33, ML5.6/1.1, MS3.7/26, MS1.3/7/26, mb1mx3.5/50, Error ellipse: s-maj=14.0km, s-min=5.8km, az=151.0

ISC 02:22:48:57.5:1.0, 5:132N:178:30W, h48km, 7km, mb2.1/09/632, mb4.9/190, MS3.8/34, 35C-17D, Andreao Islands

ISC 02:22:48:57.5:1.0, 5:132N:178:30W, h48km, 7km, mb2.1/09/632, mb4.9/190, MS3.8/34, 35C-17D, Andreao Islands

Table of station data for the ISC 02:22:48:57 event, including columns for station name, time, and other metrics.

Table of station data for the 124 period, including columns for station name, time, and other metrics.





Table with 10 columns: Station, Frequency, Power, Class, Class, Date, Time, Signal, Signal, Signal. Includes stations like WMOK, M41A, D47A, N41A, ARCES, ARES, TX31, TXAR, TXAR, TXAR, LBX, LVZ, LVZ, TUL1, TUL1, TRO, D49A, KTK1, HDIL, KURK, KURK, KURK, CD2, HHAR, D50A, K46A, WMQ, WMQ, WMQ, WMQ, WMQ, E50A, P43A, CCM, CCM, CCM, MGMO, O44A, O44A, U40A, U40A, K47A, TOBO, E51A, J48A, W39A, FVM, MK31, MKAR, MKAR, MKAR, L47A, SFIN, SFIN, LOF, M47A, STEI, GYA, GYA, KLB0, BMRO, D53A, FCAR, E52A, K49A, F52A, MIAR, MIAR, L48A, N47A, N47A, TGy, P46A, P46A, WHAR, OLIL, L49A, L49A, BRVK, BRVK, BRVK, SIUC, W41B.

Table with 10 columns: Station, Frequency, Power, Class, Class, Date, Time, Signal, Signal, Signal. Includes stations like CLWO, N40A, X40A, H52A, E54A, M49A, G53A, O48A, BLO, N49A, N49A, WLAR, D55A, SVI, USIN, P48A, P48A, PRGR, PRGR, O49A, KONS, Q48A, E56A, P49A, MOR, WCI, WCI, WCI, PLVO, G55A, O50A, Q49A, N51A, I55A, H55A, ARU, ARU, ARU, ARU, ACSSO, P50A, T47A, T47A, R49A, WVT, WVT, WVT, O51A, MEDO, Q50A, Q50A, OXF, OXF, S49A, P51A, P51A, L54A, K54A, R50A, R50A, Q51A, Q51A, O52A, O52A, K55A, T49A, T49A, M54A, P52A, PLAL, O53A, L55A, J56A, S50A, R51A, N54A, V48A, V48A, CLTN, U49A, K56A, KML, T50A, KLMR, KLMR, KLMR.

Table with 10 columns: Station, Frequency, Power, Class, Class, Date, Time, Signal, Signal, Signal. Includes stations like Q52A, M55A, NSS, P53A, P53A, L56A, L56A, S51A, S51A, R52A, V49A, V49A, M56A, U50A, J58A, N55A, Q53A, S52A, T51A, T51A, W49A, X48A, X48A, R53A, R53A, L57A, Q54A, WCVW, V50A, U51A, P55A, T52A, T52A, M57A, S53A, S53A, W50A, W50A, TZTN, TZTN, SSFA, SSFA, L58A, V51A, V51A, Q55A, N57A, U52A, R54A, T53A, CPCT, M58A, FPAL, S54A, S54A, W51A, Y49A, Y49A, P56A, V52A, V52A, O57A, Q56A, LRAL, LRAL, M59A, U53A, X51A, X51A, T54A, FINE, FINE, FINE, FINE, W52A, W52A, P57A, R56A, N59A, N59A, U54A, U54A, KDJ, V53A, V53A, Z50A, Y51A, M60A.







3d 0h

2013 SEP

Table of astronomical observations for 3d 0h, listing station codes (e.g., R49A, W53A), station names (e.g., Shelbyville, Culloowhee), and associated data points like time, elevation, and coordinates.

Table of astronomical observations for 2013 SEP, listing station codes (e.g., O50A, ISCO), station names (e.g., Cable, Idaho Springs), and associated data points like time, elevation, and coordinates.

Table of astronomical observations for 2013 SEP, listing station codes (e.g., BGU, SADO), station names (e.g., Sadowna, Sadowa), and associated data points like time, elevation, and coordinates. Includes a detailed header for station information and a summary of observation parameters at the bottom.





Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KSP, SSB, PVCC, ESDC, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PSUB, LUPA, P60A, M59A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like R56A, PKRO, S56A, D51A, etc.



3d 0h

Table of station data for the '3d 0h' category, including call letters, frequency, power, and other technical details.

2013 SEP

Table of station data for the '2013 SEP' category, including call letters, frequency, power, and other technical details.

134

Table of station data for the '134' category, including call letters, frequency, power, and other technical details.



3d 1h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KMBO, KMBG, TSMU, CASY, FURI, PALK, etc.

2013 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like TORO, TOAC, LIC, DBIC, TIC, SLVN, LSA, etc.

136

Table with columns for station name, frequency, power, and signal strength. Includes stations like ANTO, ANTO, ANTO, KCP, GYA, GYA, etc.

Table of flight data for 137, including columns for airline, flight number, time, status, and performance metrics.

Table of flight data for 2013 SEP, including columns for airline, flight number, time, status, and performance metrics.

Table of flight data for 3d 1h, including columns for airline, flight number, time, status, and performance metrics.

3d 1h

2013 SEP

Table with multiple columns containing station identifiers (e.g., IMAR, DWFP, R57A, Q54A), names (e.g., Indian Mountain, Disney Wildern, Stanardsville, Cox Mills), coordinates, and other data points.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Urbana, Beulah, Belvidere, Kodjak Island, Fountain, Cedars of Liba, Lakeview Retire, etc.

Table with columns: SDCO, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Newport, Bozeman (W), Holmes Hill, Grand Village, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Amaminishikomi, Nagotoyohara, Amami Oshima, Iheya, Tamagusuku3, Aguni-jima, etc.

MAN 03 01:05:07.1, 11.38N, 122.26E, h6km, mb4.0, ML2.8, MS2.4, Panay

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like OTRP, CUYO, SJMP, Polp.

MAN 03 01:05:34.2, 16.89N, 120.09E, h25km, mb4.5, ML3.4, MS3.2

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like BOLD, SMPF, ABRA, etc.

MAN 03 01:05:33.8, 1.5, 16.89N, 120.04E, h0.09, h35km, n14, e208/11, mb3.4/3, 1D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like BOLP, SMPF, ABRA, etc.

NIED 03 01:08:00, 26.50N, 130.20E, h8km, Mw4.1 Best double couple

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KJJD, KJJD, JMZ, etc.

MEX 03 01:27:30.2, 0.9, 16.62N, 99.69W, h17km, 485km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CAIG, MEIG, TLIG, etc.

ISCJB 03 01:32:55.2, 0.7, 44.26N, 108.139E, 0.10, h300km, mb3.6/2, Error ellipse: s-maj=12.0km s-min=8.9km az=25.5

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like TLIG, YGIG, etc.







Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WAKE ISLAND Hy, WARRAMUNGE ARR, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Papeete, PPT, PPTF, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TPNV, Topopah Spring, PDMCI, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SERRA DO CUME, ANGRA HEROISMO, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ANA2, ANA3, ANA4, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WUJAZ, WUPUKTI, TRIT, etc.

ISCB 03 06:00:19.4d.0.1, 20:90S:0:03:178:78W:0:04, h600km, mb4.8/24, Error ellipse: s-maj=5.7km s-min=3.0km az=25.9

USA0B USSURIYSK AR. 78.86 326 Iamb Iamb 06 11 23.9

USA0B USSURIYSK AR. 78.86 326 Iamb Iamb 06 11 23.9

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NIUE, NIUE, NIUE, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like USA0B, USA0C, USA0D, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like USA0E, USA0F, USA0G, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ta-pu, Chiayi, Tauyuan, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ulagan, Chagan-Uzun, Artybash, etc.

MAN 03 06:46:09.2, 7.01N, 126.05E, h2km, mb4.3, ML3.1, MS2.8, 1C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mati, Kidapawan, Don Marcelino, etc.

IDC 03 06:50:39.3, 1.2, 5.51S, 153.24E, h0km, mb4.1/10, mb1.4, 2/11, mb1mx4.0/36, mbtmp4.1/11, ML2.01, MS3.3/2, MS1.3, 3/2, ms1mx2.0/22, Error ellipse: s-maj=37.4km s-min=18.4km az=1.0

ISCJB 03 06:50:43.0, 0.8, 5.54S, 0.07x153.10E, 0.09, h37km, mb4.0/10, MS3.2, Error ellipse: s-maj=13.3km s-min=8.9km az=21.0

ISC 03 06:50:45.3, 1.0, 5.48S, 0.08x153.1E, 0.1, h37km, n14, #077/16, mb4.0/10, New Ireland region

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

DDA 03 06:53:15.9, 42.39N, 140.97E, h7km, 1km, ML3.3 ISCJB 03 06:53:17.7, 0.3, 42.42N, 0.02x140.89E, 0.02, h10km, Error ellipse: s-maj=2.9km s-min=2.1km az=143.1

TIF 03 06:53:18.4, 42.34N, 141.00E, h2km, 2km ISK 03 06:53:18.1, 42.32N, 140.94E, h10km, ML3.7/4 MOS 03 06:53:18.0, 0.4, 51N, 41.05E, h4km, MPVA4.4

NORS 03 06:53:18.2, 0.4, 52.53N, 41.27E, h2km, MPVA4.4 AZER 03 06:53:22.4, 13.0, 42.37N, 141.08E, h12km, m3.5/4, Error ellipse: s-maj=309.7km s-min=124.0km az=15.0

ISC 03 06:53:18.6, 0.6, 42.33N, 0.02x140.2E, 0.02, h10km, n87, #173/141, 1C-3D, Western Caucasus

MEX 03 06:59:17.0, 0.9, 16.69N, 99.73W, h5km, 10km, MD3.8, Near coast of Guerrero

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

DDA 03 07:03:00.0, 42.43N, 142.13E, h39km, 4km, ML2.6 MEX 03 07:03:01.0, 0.0, 42.41N, 141.11E, h7km, MPVA3.6

ISC 03 07:02:59.5, 1.9, 42.38N, 140.04x141.18E, 0.07, h7km, 15km, n12, #0847/22, Western Caucasus

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

MEX 03 07:05:43.6, 0.7, 16.56N, 99.75W, h7km, 3km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACP2, CAIG, etc.

MEX 03 06:59:17.0, 0.9, 16.69N, 99.73W, h5km, 10km, MD3.8, Near coast of Guerrero

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

DDA 03 07:03:00.0, 42.43N, 142.13E, h39km, 4km, ML2.6 MEX 03 07:03:01.0, 0.0, 42.41N, 141.11E, h7km, MPVA3.6

ISC 03 07:02:59.5, 1.9, 42.38N, 140.04x141.18E, 0.07, h7km, 15km, n12, #0847/22, Western Caucasus

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

MEX 03 07:05:43.6, 0.7, 16.56N, 99.75W, h7km, 3km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACP2, CAIG, etc.

Table with columns: MEIG, TLIG, ARIG, PLIG, ZIIG, YIIG, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mezcala, Tlapa, Puente Sto Nin, etc.

SOME 03 07:14:25.6, 43.773N-85.62E, h5km
NIC 03 07:14:27.6, 3.7, 43.73N-85.55E, h0km, mb4.0, mpv3.6
Error ellipse: s-maj=26.4km s-min=13.8km az=125.0
ISC 03 07:14:34.0, 3.5, 44.0N, 0.1, 85.3E, 0.1, h10km, n15,
c=1542/15, 7C-3D, Northern Xinjiang

Main table for the first section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZSN, ZSN, ZSN, MK31, MAK2, MAKZ, DJR, etc.

ISC 03 07:35:58.6, 1.2, 49.04N, 0.04, 18.67E, 0.05, h10km, n5,
c=083/9, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLL, LANS, VYHS, etc.

MEX 03 07:37:20.8, 0.9, 16.73N, 99.61W, h5km, 9km, MD3.8, Near coast of Guerrero

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

IDC 03 08:01:12.7, 1.4, 28.85N-139.61E, h19km, 30km, mb2.9/5,
mb1.3/0.8, mb1mx2.8/4.0, mbtmp3.8/8, Error ellipse:
s-maj=78.1km s-min=15.3km az=73.0
JMA 03 08:01:12.0, 0.3, 29.02N-140.26E, h443km, 5km, M3.3
ISC 03 08:01:12.3, 0.8, 29.01N, 0.09, 140.1E, 0.2, h424km, n14,
c=2507/18, mb3.2/5, Southeast of Honshu

Main table for the second section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ, CJJ, JHH2, etc.

IDC 03 08:06:17.1, 0.7, 33.09N-75.66E, h0km, mb4.0/17,
mb1.4/1.20, mb1mx4.0/36, mbtmp4.0/20, ML=3.73, MS3.4/11,
Ms1.3/4/11, ms1mx3.1/49, Error ellipse: s-maj=17.7km
s-min=14.0km az=42.0
ISC 03 08:06:18.3, 0.2, 33.29N, 0.03, 75.81E, 0.03, h16km,
mb3.9/16, MS3.4/8, Error ellipse: s-maj=4.2km
s-min=3.2km az=137.9
NEIC 03 08:06:19.1, 2.3, 33.26N, 0.06, 75.87E, 0.05, h10km, 1km,

mb4.2/10, earthModelD
quakeml.us.anss.org/earthmodel/ak135
NDI 03 08:06:21.0, 2.6, 33.20N-75.60E, h15km, 16km, ML4.4,
mb4.2(NEIC)
NIC 03 08:06:30.1, 4.6, 33.65N-75.62E, h75km, 46km, mb4.0,
Error ellipse: s-maj=42.9km s-min=32.8km az=63.0
ISC 03 08:06:19.4, 0.4, 33.22N, 0.04, 75.73E, 0.04, h16km, n89,
c=2524/102, mb4.0/17, MS3.4/8, 7C-5D, Eastern Kashmir

Main table for the third section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMU, DHRM, CHCP, etc.

IDC 03 08:25:26.5, 1.4, 13.49N-145.06E, h70km, 12km, mb3.3/5,
n1.9/5/5, mb1mx3.2/4.0, mbtmp3.6/5, Error ellipse:
s-maj=43.1km s-min=19.0km az=103.0, Mariana Islands

Main table for the fourth section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KALG, NDI, KUDL, etc.

NIC 03 08:30:35.3, 0.0, 36.75N-131.42E, h22km, 48km, M3.0/2
ISK 03 08:30:36.5, 37.19N-31.29E, h15km, ML2.7/11
DDA 03 08:30:36.4, 37.13N-31.14E, h0km, 6km, ML3.5
ISC 03 08:30:37.1, 1.1, 37.16N, 0.02, 31.23E, 0.02, h17km, gkm,
n36, c=2/12/63, 1D, Turkey

FINES FINESS Array B 42.35 327 P P 08 14 13d +0.9
comp=Z,1.8nm,0.9s,baz=112,slow=11,SNR=2.4
FINES LR LR 08 33 05.4
comp=Z,4.1nm,19.4s,baz=175,slow=38
ARCES ARCES Array B 45.64 338 P P 08 14 40.5 +1.7
comp=Z,1.5nm,0.7s,baz=117,slow=8.3,SNR=8.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAJO, MJAR, PETK, etc.

IDC 03 08:25:26.5, 1.4, 13.49N-145.06E, h70km, 12km, mb3.3/5,
n1.9/5/5, mb1mx3.2/4.0, mbtmp3.6/5, Error ellipse:
s-maj=43.1km s-min=19.0km az=103.0, Mariana Islands

Main table for the fifth section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, H11S3, H11S1, etc.

NIC 03 08:30:35.3, 0.0, 36.75N-131.42E, h22km, 48km, M3.0/2
ISK 03 08:30:36.5, 37.19N-31.29E, h15km, ML2.7/11
DDA 03 08:30:36.4, 37.13N-31.14E, h0km, 6km, ML3.5
ISC 03 08:30:37.1, 1.1, 37.16N, 0.02, 31.23E, 0.02, h17km, gkm,
n36, c=2/12/63, 1D, Turkey

Main table for the sixth section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEZP, KORT, ALAN, etc.

NIC 03 08:30:35.3, 0.0, 36.75N-131.42E, h22km, 48km, M3.0/2
ISK 03 08:30:36.5, 37.19N-31.29E, h15km, ML2.7/11
DDA 03 08:30:36.4, 37.13N-31.14E, h0km, 6km, ML3.5
ISC 03 08:30:37.1, 1.1, 37.16N, 0.02, 31.23E, 0.02, h17km, gkm,
n36, c=2/12/63, 1D, Turkey

3d 9h

Table with columns: AKMS, comp, AML, AML, 08 31 39.9, etc.

NIED 03 08:33:00, 40.30N, 142.50E, h38km, Mw3.8 Best double couple: Ms5.96000+1014, NP1.813.00000, 317.00000, 1.67.00000, NP2.27.00000, 374.00000, 1.97.00000, ISCJB 03 08:33:34.9, 40.281N, 142.53E, 0.09, h47km, 9km, m3.3, 7/8, MS3.4/1, Error ellipse: s-maj=11.5km s-min=6.2km az=179.8

JMA 03 08:33:34.0, 40.1, 140.25N, 142.49E, h34km, 1km, M3.9 IDC 03 08:33:36.9, 2, 40.32N, 142.59E, h4km, 24km, mb3.5/8, mb1.3/6/11, mb1mx3.4/39, mbtmp3.7/11, MS2.9/3, Ms1.2.9/3, ms1mx2.5/36, Error ellipse: s-maj=27.9km s-min=16.8km az=88.0

ISC 03 08:33:35.6, 1.4, 40.25N, 142.39E, 0.09, h46km, 12km, n32, e194/33, mb3.7/8, Near east coast of eastern

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

DDA 03 08:56:08.0, 35.63N, 27.49E, h8km, 2km, ML3.5 ATH 03 08:56:09.9, 35.76N, 27.45E, h25km, 1km, ML3.0/2, Error ellipse: s-maj=4.4km s-min=1.1km az=139.0 THE 03 08:56:09.7, 35.63N, 27.61E, h3km, 2km, ML2.8/6, Error ellipse: s-maj=4.2km s-min=1.0km az=135.0 ISCJB 03 08:56:10.1, 0.7, 35.75N, 27.42E, 0.04, h3km, 5km, Error ellipse: s-maj=8.6km s-min=3.4km az=146.8 ISC 03 08:56:10.1, 35.75N, 27.48E, h11km, ML2.9/11 ISC 03 08:56:10.1, 1, 35.70N, 27.56E, 0.03, h15km, 8km, n40, e191/56, Dodecanese Island

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

2013 SEP

Table with columns: FETY, comp, IAML\_P, IAML\_P, 08 56 39.1 +0.6, etc.

IDC 03 08:56:07.0, 2, 0.6, 51.43N, 175.60W, h0km, mb4.0/21, mb1.4/2/22, mb1mx3.0/56, mbtmp4.0/22, ML4.2/11, MS3.2/11, Ms1.3/2/11, ms1mx3.0/47, Error ellipse: s-maj=21.4km s-min=12.1km az=166.0

NEIC 03 08:56:09.2, 2, 51.20N, 175.33W, 0.02, h22km, 5km, earthModel/quakeml.us:ans.org/earthmodel/hk135 AEIC 03 08:56:10.2, 1, 51.22N, 175.37W, 0.03, h15km, 4km, ML4.1, mb4, 1/31 (NEIC)

ISCJB 03 08:56:11.4, 0.7, 51.27N, 175.32W, 0.04, h45km, 5km, mb3.9/22, MS3.2/10, Error ellipse: s-maj=10.1km s-min=3.4km az=170.9

ISC 03 08:56:12.7, 0.6, 51.33N, 175.38W, 0.04, h37km, 2km, n127, e192/129, mb4.0/26, MS3.2/10, Andean/Os Islands

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

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

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Table with columns: H11S3, WAKE ISLAND Hy 35.72 210 T, P, 09 41 08.5, etc.

SNET 03 09:01:16.6, 2.5, 13.63N, 90.91W, h17km, 8km, ML3.5 GCG 03 09:01:18.2, 0.3, 13.70N, 91.03W, h46km, 35km, MD3.8 ISC 03 09:01:14.3, 2.2, 13.63N, 91.0, 1.90, 92W, 0.09, h3km, 14km, n17, e98/26, 1C, Near coast of Guatemala

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



Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like TWK1, TWKBT, TSEB, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like RLNB, SMLT, TYC, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like ASAJ, WMO, MK31, etc.

Additional information including station coordinates, error ellipses, and links to data sources like quakem.usns.org.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BB00 Buckleboe, PSAC2 Pilbara Seismi, etc.

WEL 03 10:06:44.0±0.5, 41°S, 175°E, h13km, M3.2/19, ML3.5/13, MLV3.2/19, Error ellipse: s-maj=0.0km s-min=0.0km az=135.7, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAW Cannon Point, BBO0 Buckleboe, etc.

IDC 03 10:07:59.6±1.1, 7.34S, 144.59E, h0km, mb4.0/2, mb1 4.1/4, mb1mx3.7/17, mbtmp3.8/4, ML3.4/2, MS3.3/3, Ms1 3.2/3, ms1mx2.9/20, Error ellipse: s-maj=132.4km s-min=34.5km az=96.0

ISCJB 03 10:08:03.6±0.7, 7.37S, 143.93E, h0.05, h33km, mb3.9/2, MS3.2/2, Error ellipse: s-maj=8.0km s-min=7.6km az=12.1

NEIC 03 10:08:04.3±2.6, 7.35S, 143.9E, h1.1, h35km, mb4.4/7, earthModellD quakeml.us.anss.org/earthmodel/ak135

ISC 03 10:08:05.1±1.0, 7.32S, 143.93E, h0.08, h35km, n19, o171/21, mb4.1/3, Near south coast of New Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, COEN Coen, etc.

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

IDC 03 10:16:39.6±3.0, 40°19'N, 144°15'E, h0km, mb3.5/2, mb1 3.6/4, mb1mx3.4/36, mbtmp3.5/4, ML2.3/2, Error ellipse: s-maj=71.3km s-min=32.1km az=61.0

ISCJB 03 10:16:40.7±0.8, 40°33'N, 143°85'E, h16km, mb3.5/2, Error ellipse: s-maj=7.9km s-min=4.3km az=31.3

JMA 03 10:16:41.6±1.3, 40°31'N, 143°73'E, h15km, mb3.2, MSC 03 10:16:41.6±1.3, 40°31'N, 143°73'E, h15km, n26, o154/70, Off east coast of Honshu

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

IDC 03 10:24:00.1±2.4, 37°35'N, 142°08'E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.4/42, mbtmp3.5/3, ML2.7/1, MS2.9/3, Ms1 2.9/3, ms1mx2.6/38, Error ellipse: s-maj=47.1km s-min=32.4km az=50.0

JMA 03 10:24:07.1±0.1, 37°31'N, 141°16'E, h45km, mb3.8, M3.8 JMA Felt J1, ISC 03 10:24:02.2±0.2, 37°30'N, 141°16'E, h14km, n12km, n24, o195/28, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ms1mx2.6/27, Error ellipse: s-maj=62.0km s-min=25.1km az=71.0, Yunnan

IDC 03 11:16:33.0±4.0, 6°49'N, 126°93'E, h0km, mb4.1/9, mb1 4.2/10, mb1mx3.9/33, mbtmp4.1/10, ML3.7/1, MS3.4/6, Ms1 3.5/6, ms1mx3.1/33, Error ellipse: s-maj=45.3km s-min=14.2km az=79.0

ISCJB 03 11:16:36.2±0.4, 6°11'N, 126°90'E, h0.09, h35km, mb4.1/9, MS3.4/5, Error ellipse: s-maj=13.7km s-min=5.0km az=162.2

NEIC 03 11:16:38.2±1.3, 6°40'N, 126°93'E, h0.05, h35km, mb4.2/14, earthModellD quakeml.us.anss.org/earthmodel/ak135

MAN 03 11:16:41.2±4.9, 4N, 126.81E, h13km, mb5.0, ML3.9, MS3.9 ISC 03 11:16:43.7±0.6, 4.55N, 126.92E, h0.09, h35km, n46, o142, mb4.1/15, MS3.4/5, Talau Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Code Station Name, Don Marcelino, MATI, etc.

NIED 03 11:17:00.29±30N, 130°50'E, h32km, Mw3.9 Best double couple: M7.70000x1014 NP1.3±25.00000, 83.00000, λ-94.00000, NP2.2±208.00000, 887.00000, λ-90.00000

IDC 03 11:17:25.7±1.5, 29°20'N, 130°16'E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/37, mbtmp3.7/4, ML2.7/2, MS2.9/1, Ms1 2.9/1, ms1mx2.6/37, Error ellipse: s-maj=52.7km s-min=22.8km az=84.0

ISCJB 03 11:17:29.0±0.5, 29°25'N, 130°15'E, h0.06, h35km, mb4.4km, 11km, mb3.5/3, Error ellipse: s-maj=9.1km s-min=3.3km az=19.1

JMA 03 11:17:29.8±0.1, 29°31'N, 130°50'E, h32km, M3.5 ISC 03 11:17:29.3±1.4, 29°28'N, 130°54'E, h27km, n12km, n26, o188/40, mb3.6/3, Ryukyu Islands

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



3d 13h

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MEX 03, TGIG, CMIG, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SJA, ISCB, GUC, ISK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SJA, ISCB, GUC, ISK, etc.

2013 SEP

Main table for 2013 SEP with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PB06, PB03, PB03, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ, CTA, STKA, ASAR, WRA, PETK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GO03, CO03, CRCH, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H08S1, H08S2, H08S3, etc.

Table with columns: WMO, comp-Z, station name, time, and various codes. Includes stations like Lanzhou, Akbulak array, Gaotai, etc.

IDC 03 13:24:01.4-6.4, 2.2727S, 179.28W, h524km, 74km, mb2.9/5, mb1 3.2/6, mb1mx2.9/37, mbtmp3.8/6, Error ellipse: s-maj=44.5km s-min=31.6km az=170.0

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichi jima, Chichijima, Matsushiro Arr, etc.

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

ISJCJB 03 14:12:16.4-0.5, 33.58N, 0.05E, 139.54E, h187km, 4km, mb3.3/4, Error ellipse: s-maj=9.2km s-min=7.0km az=150.5

IDC 03 14:12:16.7-0.8, 33.65N, 139.87E, h178km, 4km, mb3.1/4, mb1 3.2/9, mb1mx3.0/38, mbtmp3.7/9, MS3.3/1, Ms1 3.3/1, ms1mx2.3/19, Error ellipse: s-maj=31.9km s-min=14.7km az=73.0

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



Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time Res for various stations.



Table with columns for station name, time, magnitude, and other astronomical data. Includes entries like S22A, 4UR Ranch, and various other stations with their respective coordinates and magnitudes.

Table with columns for station name, time, magnitude, and other astronomical data. Includes entries like MAN 03 15:21:33.0, 7.42N:124.84E, h6km, mb4.5, ML3.3, MS3.2, 1C-1D, Mindanao.

Table with columns for station name, time, magnitude, and other astronomical data. Includes entries like BOSA Boshof, 1.30 115 eP, and various other stations with their respective coordinates and magnitudes.

Table with columns for station name, time, magnitude, and other astronomical data. Includes entries like PMG Port Moresby, 3.66 122 Pn, and various other stations with their respective coordinates and magnitudes.

Table with columns for station name, time, magnitude, and other astronomical data. Includes entries like KNRA comp=Z,1.6nm,0.8s, Iamb, Iamb, and various other stations with their respective coordinates and magnitudes.

Table with columns for station name, time, magnitude, and other astronomical data. Includes entries like TOR Di Tori, A Fra, 73.44 34 P, and various other stations with their respective coordinates and magnitudes.

3d 16h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC, I, Amb. Includes stations like Kunming, MOKOCHONG, JORHAT, etc.

2013 SEP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC, I, Amb. Includes stations like IROC Station P, IROC Station P, IROC Station P, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC, I, Amb. Includes stations like AMTX, WHAR, 121A, etc.

ISC/JB 03 16:10:51.3i,0.4,24.14S:0.03:67.20W:0.03,h190km,5km, mb2.9/2, Error ellipse: s-maj=6.1km s-min=4.3km az=31.5
IDC 03 16:10:51.1.1.24.15S:67.00W,h169km,11km,mb2.9/2, mb1 3.4/8, mb1mx3.3/38, mbtm3.7/8, Error ellipse: s-maj=17.7km s-min=13.3km az=74.0
NEIC 03 16:10:51.6i,2.4,24.15S:0.09:67.18W:0.08, h197km,27km,earthModelId135
quakeml.us.anss.org/earthmodelId135
SJA 03 16:10:51.4.0.6,24.13S:67.11W,h196km,5km,ML2.9, MW3.7
GUC 03 16:10:54.3i,0.5,23.92S:67.61W,h218km,6km,ML4.3
ISC 03 16:10:51.8i,0.7,24.15S:0.05:67.16W:0.04,h184km,8km, n53,r139/71,8C,Chile-Argentina border region

IDC 03 16:10:06.1.5,20.17N:96.74W,h0km,mb3.9/6, mb1 4.4/10, mb1mx3.8/43, mbtm3.9/10, ML3.6/4, MS3.1/9, s-min 3.1/9, s-maj=12.9/37, Error ellipse: s-maj=85.5km s-min=20.6km az=55.0
NEIC 03 16:10:02.6i,2.2,20.07N:0.05:96.81W:0.05,h24km,5km, earthModelId135
quakeml.us.anss.org/earthmodelId135
MEX 03 16:14:03.0i,0.7,20.19N:96.74W,h16km,6km,MD4.2
ISC 03 16:14:02.5i,1.3,20.08N:0.05:96.80W:0.05,h23km,11km, n130,r193/119,mb4.2/24,MS3.1/5,Vacruz

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

ISC/JB 03 16:10:51.3i,0.4,24.14S:0.03:67.20W:0.03,h190km,5km, mb2.9/2, Error ellipse: s-maj=6.1km s-min=4.3km az=31.5
IDC 03 16:10:51.1.1.24.15S:67.00W,h169km,11km,mb2.9/2, mb1 3.4/8, mb1mx3.3/38, mbtm3.7/8, Error ellipse: s-maj=17.7km s-min=13.3km az=74.0
NEIC 03 16:10:51.6i,2.4,24.15S:0.09:67.18W:0.08, h197km,27km,earthModelId135
quakeml.us.anss.org/earthmodelId135
SJA 03 16:10:51.4.0.6,24.13S:67.11W,h196km,5km,ML2.9, MW3.7
GUC 03 16:10:54.3i,0.5,23.92S:67.61W,h218km,6km,ML4.3
ISC 03 16:10:51.8i,0.7,24.15S:0.05:67.16W:0.04,h184km,8km, n53,r139/71,8C,Chile-Argentina border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PET Petropavlovsk, GNL Ganaly, GNL Ganaly, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OHWZ Whakea, DSZ Denniston Nort, LTZ Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUWI Luwuk, SGSI Sangihe.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRKR Sorokina, SRKR Sorokina, KRMR Karymshinskiy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHVZ Whangaehu Hut, KWZ Kereru, FWVZ Far West T-bar, etc.

DJA 03 16:15:26.8±0.2, 2°N, 9°12'E, h105km, 15km, M3.9/6, MLV3.9/6, Celebes Sea

PETK 74nm, 0.3s, bazz=272, slow=23, SNR=15

ISCJB 03 16:44:55.0±0.6, 83°71'N, 0°09'113'E, 0.7, h10km, mb3.6/13, MS3.0/10, Error ellipse: s-maj=13.0km

MOS 03 16:15:37.1±0.6, 54°31'N, 161°14'E, h62km, 14km, 4/2, Error ellipse: s-maj=6.2km, s-min=4.1km, az=81.8

PETK 31nm, 0.3s, bazz=76, slow=20, SNR=332

ISC 03 16:44:56.6±0.8, 83°66'N, 0°09'113'E, 0.1, h10km, m8.2, s-min=15.7km, az=158.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, KZV Kizimen, TUMR Tumrok, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, GNL Ganaly, GNL Ganaly, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, etc.

MEX 03 16:53:11.4±0.9, 17°30'N, 100°82'W, h12km, 10km, MD3.6, Guerrero

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

DJA 03 17:06:42.9±0.3, 9°S, 3°11'E, h10km, M5.0/19, mb5.7/5, mb5.2/7, MLV4.8/19, Mw(MB)3.5/5

ISCJB 03 17:06:43.4±0.5, 9°23'S, 0°03'109.97E, 0.03, h59km, 4km, mb4.4/21, MS3.5/7, Error ellipse: s-maj=6.0km

NEIC 03 17:06:45.7±2.8, 9°15'S, 0°06'109.94E, 0.06, h59km, 4km, mb4.5/47, earthModelID, quakem/us.anss.org/earthmodel/ak135

ISC 03 17:06:44.0±0.5, 9°25'S, 0°04'109.91E, 0.04, h49km, 4km, m135, s1982/152, mb4.5/38, MS3.5/7, South of Jawa

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



3d 17h

Table with columns: LEAD, comp=, LR, LR, 17 08 59.2, and various station codes (LEM, GRUJ, SKUJ, JAGI, etc.) with associated numerical data.

2013 SEP

Main table with columns: KDJ, Kajsay, 59.27 332, P, Iamb, P, Iamb, 17 16 41.1, -0.1, 17 16 41.7, and various station codes (MK31, MKAR, MLZ, etc.) with associated numerical data.

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Table with columns: comp=E, Iamb, P, Iamb, 0.87 331, eP, Pn, 17 20 00.2, -0.6, and various station codes (PB03, PB04, PB09, etc.) with associated numerical data.





Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like Pilbara Seismi, Manton Dam, Giralia, etc.

MEX 03 19:16:46.7±0.4, 15.94N:98.85W, h15km, MD3.7, Off coast of Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC. Includes stations like Tlapa, El Cayaco, Vista Hermosa, etc.

NNC 03 19:17:52.1±2.9, 37.50N:71.59E, h172km, 39km, mb2.5, mpv3.2, 7C-3D, Error ellipse: s-maj=26.2km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC. Includes stations like Ala-Archa, Karatay Array, Tokmak 2, etc.

NIED 03 19:24:00.22±80N:121.50E, h35km, Mw3.8 Best double couple: M0=200000.1014, NP1=68.00000, δ38.00000, λ=129.00000, NP2=294.00000, δ61.00000, λ=64.00000

IDC 03 19:24:10.2±1.3, 22.63N:121.41E, h0km, mb3.5/6, mb1 3.6/7, mb1mx3.4/47, mbtp3.5/7, ML3.1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/34, Error ellipse: s-maj=31.3km

ISCJB 03 19:24:13.1±0.2, 22.78N:0.01E:121.49E:0.01, h23km, 2km, mb3.4/5, Error ellipse: s-maj=2.4km s-min=2.1km

TAP 03 19:24:14.1, 22.82N:121.39E, h24km, ML4.1, B ISC 03 19:24:13.8±0.2, 22.79N:0.02E:121.44E:0.02, h27km, 5km, n151, s0998/219, mb3.4/5, 27C-8D, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC. Includes stations like Lutao, Taitung, Chengkung, etc.

Main table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like TAW, EAST Anshuo, HGSD Ruisui, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like DPDB, WHF Hehuan Shan, WHF, etc.

Table with columns: Adp, Station Name, Time, Res, and various codes. Includes stations like Jialang, AXDP, ZZJH, MHZQ, etc.

IDC 03 19:29:35.2, 2.2, 7.27S, 144.21E, h0km, mb3.6/2, mb1 3.7/5, mb1mx3.5/34, mbtmp3.5/5, ML2.8/1, Error ellipse: s-maj=41.4km s-min=26.5km az=30.0, Near south coast of New Guinea

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like PMG, WRA, ASAR, FITZ, CMAR, etc.

ISC/JB 03 19:31:41.2, 0.4, 13.07S, 0:05:166.71E, 0:06, h150km, mb4.1/14, Error ellipse: s-maj=9.1km s-min=6.1km az=159.2

IDC 03 19:31:41.2, 3.0, 13.12S, 166.71E, h137km, 24km, mb4.0/15, mb1 4.0/17, mb1mx3.8/41, mbtmp4.4/17, Error ellipse: s-maj=22.4km s-min=14.3km az=101.0

NEIC 03 19:31:43.7, 1.4, 13.11S, 0:08:166.77E, 0:07, h159km, 6km, mb4.9/28, earthModelID quakeml:us.uns.org/earthmodel/ak135

ISC 03 19:31:42.7, 0.6, 13.14S, 0:06:166.70E, 0:10, h150km, n62.0, 1917/69, mb4.5/26, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like HNR, MARZ, DZM, PINNC, EIDS, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like NNAO, MORW, ASAJ, SBA, etc.

MAN 03 19:55:56.5, 13.20N, 121.27E, h42km, mb4.4, ML3.2, MS3.0, 1C, Mindoro

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like PGP, BOAC, SJMP, etc.

ISC/JB 03 20:03:45.5, 0.7, 32.66S, 0:03:69.12W, 0:05, h128km, 5km, Error ellipse: s-maj=7.1km s-min=4.8km az=36.7

SJA 03 20:03:45.0, 0.9, 32.66S, 69.12W, h124km, 3km, ML3.6, MW3.8

GUC 03 20:03:45.9, 0.6, 32.64S, 69.31W, h138km, 5km, ML3.7

ISC 03 20:03:45.7, 1.6, 32.67S, 0:04:69.12W, 0:05, h128km, 9km, n23, 0:59/37, 4C-4D, Mendoza Province

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ARCO, ARCO, ARCO, etc.

ISC 03 20:03:45.7, 1.6, 32.67S, 0:04:69.12W, 0:05, h128km, 9km, n23, 0:59/37, 4C-4D, Mendoza Province

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like PEL, PEL, PEL, etc.

TEH 03 20:04:56.7, 3.3, 58N, 48.96E, h10km, ML3.5

ISC/JB 03 20:04:58.4, 0.3, 33.54N, 0:03:48.95E, 0:03, h13km, Error ellipse: s-maj=5.0km s-min=3.2km az=16.5

THR 03 20:04:58.5, 3.3, 55N, 49.18E, h14km, ML3.5

ISC 03 20:04:57.7, 1.0, 33.58N, 0:04:49.03E, 0:03, h13km, n59, c240/54, Western Iran

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IKMR, IKMR, IKMR, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like ASAO, AShtian, ASAO, etc.

IDC 03 20:12:05.6, 1.2, 31.26S, 179.71W, h351km, 11km, mb3.5/9, mb1 3.7/12, mb1mx3.5/34, mbtmp4.3/12, Error ellipse: s-maj=20.8km s-min=16.4km az=117.0

ISC 03 20:12:05.2, 0.6, 31.26S, 0:05:179.56W, 0:1, h350km, n89, c2513/103, mb3.8/9, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IGAR, IGAR, IZEF, etc.

IDC 03 20:12:05.6, 1.2, 31.26S, 179.71W, h351km, 11km, mb3.5/9, mb1 3.7/12, mb1mx3.5/34, mbtmp4.3/12, Error ellipse: s-maj=20.8km s-min=16.4km az=117.0

ISC 03 20:12:05.2, 0.6, 31.26S, 0:05:179.56W, 0:1, h350km, n89, c2513/103, mb3.8/9, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GLKZ, GLKZ, RAO, etc.



3pd 20h

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like Eagle Plains, Devils Postpile, San Andreas Ge, etc.

2013 SEP

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like SHPR, SZCU, K22A, MTPU, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like PFO, PFO, PFO, etc.





Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MATO Matagami, MET Memphis-Engin, D51A Lot 18 Range I, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like I53A Kortright Cn E, T49A Edmonton, O51A Pataskalia, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like W50A Signal Mountai, J55A Hilton, D56A ZEC Hazanza, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like E58A La Victoria, V53A Saluda, V53A Saluda, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GOGA Godfrey, GOGA Godfrey, GOGA, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like TIGA Tifton, R60A Leonardtown, M61A Granville, etc.

3d 20h

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Main data table containing astronomical observations with columns for object names, coordinates, magnitudes, and various classification codes.

Table of flight data for stations 1-169. Columns include station name, flight number, time, status, and various codes. Rows include stations like ESK, RUSC, ROSC, TUMC, etc.

Table of flight data for stations 170-330. Columns include station name, flight number, time, status, and various codes. Rows include stations like PPT2, PPT2, RGN, RGN, etc.

Table of flight data for stations 331-500. Columns include station name, flight number, time, status, and various codes. Rows include stations like MOS, MOS, ATAH, ATAH, etc.





3d 21h

Table listing station data for 3d 21h, including station names, coordinates, and various parameters like IAMS\_20, IAMS\_21, etc.

2013 SEP

Summary table for 2013 SEP with columns: SNAIA, Sanae, 149.09 151, PKPdf, 20 38 48.9 -1.8, IAMS\_20, IAMS\_21, 21 49 02.7

ISCBJ 03 20:41:19.4 0.0, 34.59N, 0.07E: 137.66E, 0.08, h298km, 4km, mb3.2/4, Error ellipse: s-maj=12.6km, s-min=9.0km, az=145.4

Table listing station data for 2013 SEP, including station names, coordinates, and various parameters like Op, ISC, Time, Res, etc.

SJA 03 20:56:05.0 0.7, 26.94S, 71.73W, h69km, 8km, ML4.4, MW4.6

IDC 03 20:56:05.3 0.7, 27.09S, 70.78W, h0km, mb4.0/6, mb1 4.1/10, mb1mx3.9/37, mbtm3.9/10, ML3.5/4, MS4.2/1, Ms1 4.2/1, ms1mx3.5/29, Error ellipse: s-maj=31.6km, s-min=20.3km, az=91.0

ISCBJ 03 20:56:09.1 0.6, 26.93S, 0.02E: 71.00W, 0.09, h38km, 7km, mb3.9/6, MS4.1/1, Error ellipse: s-maj=12.9km, s-min=9.7km, az=2.0

NEIC 03 20:56:10.5 2.6, 26.96S, 0.05E: 70.93W, 0.05, h32km, 5km, MW4.1, ML4.1(GUC), Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr:1.59; Mw:0.04; Ms:1.55; Mo:0.12; Mw:0.13; Mw:0.72; Fault plane solution: M1:74.0000/1015 NP1:357.02000/-832.63000/-1.9314000/- NP2:357.30000/857.43000/-883.85000/-1.9314000/- NP3:175.30000/857.43000/-883.85000/-1.9314000/-

Principal axes: T 1.7524, Plg77.0000, Azm77.0000; N -0.0333, Plg2.0000, Azm174.0000; P -1.7191, Plg12.0000, Azm265.0000; earthModelID quakeml:us.anss.org/earthmodel/ak135

Table listing station data for 2013 SEP, including station names, coordinates, and various parameters like Op, ISC, Time, Res, etc.

172

Table listing station data for 172, including station names, coordinates, and various parameters like Pn, S, etc.

PGC 03 20:59:46.3 1.2, 51.00N, 130.66W, h10km, MLSn3.1/19, Mw3.7/19, 217km Wsw of Bella Bella, Bc Vancouver Island, Canada Region, Vancouver Island region

Table listing station data for PGC 03 20:59:46.3 1.2, 51.00N, 130.66W, h10km, MLSn3.1/19, Mw3.7/19, 217km Wsw of Bella Bella, Bc Vancouver Island, Canada Region, Vancouver Island region

PGC 03 21:03:46.2 2.8, 51.09N, 130.51W, h10km, MLSn3.4/20, Mw4.0/20, 203km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table listing station data for PGC 03 21:03:46.2 2.8, 51.09N, 130.51W, h10km, MLSn3.4/20, Mw4.0/20, 203km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

PGC 03 21:05:52.7 1.9, 51.03N, 130.62W, h10km, MLSn4.6/26, Mw5.2/26, 213km Wsw of Bella Bella, Bc Haida Gwaii Region

IDC 03 21:05:54.0 0.6, 51.17N, 130.26W, h0km, mb4.0/18, mb1 4.2/27, mb1mx4.1/41, mbtm4.0/27, ML3.3/8, MS4.5/11, Ms1 4.5/11, ms1mx4.3/38, Error ellipse: s-maj=11.9km, s-min=8.5km, az=39.0

ISCBJ 03 21:05:55.3 0.2, 51.25N, 0.02E: 130.07W, 0.04, h10km, mb4.2/24, MS4.7/2, Error ellipse: s-maj=4.3km, s-min=2.0km, az=145.1

NEIC 03 21:05:56.7 2.5, 51.2N, 0.1x130.17W, 0.07, h15km, 5km, mb4.5/17, earthModelID quakeml:us.anss.org/earthmodel/ak135

BUI 03 21:05:56.0 0.0, 51.10N, 130.10W, h11km, mb4.6/33, mb5.0/3, Ms5.1/2, Ms7.5/0.2

GCMT 03 21:05:59.0 0.4, 51.16N, 0.02E: 130.40W, 0.03, h12km, MW5.0/91, Moment Tensor Solution, s10, c13; s91, c128; Duration: 0. Moment tensor: Scale 10^19Nm; Mr:1.14; Mw:1.7; Ms:2.8; Mo:1.7; Ms:1.7; Ms:2.0; Ms:4.4; Ms:13; Ms:0.5; Ms:4.5; Best double couple: M4:72000/1016 NP1:257.0000/882.0000/-129.0000/-1.932000/- NP2:357.0000/861.0000/-171.0000/-1.932000/- NP3:175.30000/857.43000/-883.85000/-1.9314000/-

T 4.3250, Plg26.0000, Azm123.0000; N 0.7920, Plg60.0000, Azm271.0000; P -5.1170, Plg14.0000, Azm26.0000; nsta1 refers to surface waves, cutoff=40s, nsta2 refers to surface waves, body+50s. Triangular moment-rate function

ISC 03 21:05:55.8 0.4, 51.20N, 0.05E: 130.26W, 0.05, h10km, n381, s1975/333, mb4.5/40, Queen Charlotte Islands region

Table listing station data for ISC 03 21:05:55.8 0.4, 51.20N, 0.05E: 130.26W, 0.05, h10km, n381, s1975/333, mb4.5/40, Queen Charlotte Islands region

Table with columns for call letters, name, frequency, and other details. Includes entries like BBB Bella Bella, BNB Barry Inlet, and many others.

Table with columns for call letters, name, frequency, and other details. Includes entries like MSO Missoula, K22A Casper, and many others.

Table with columns for call letters, name, frequency, and other details. Includes entries like P17A Butcher Ranch, ARVC Archer, and many others.





Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like EPYK Eagle Plains, MDPB Devils Postpile, SAO San Andreas Ge, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CIS comp=Z,53nm,1.0s, PV19 Morning Glory, PV16 Nyswonger Mesa, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like E38A AMTX Amarillo, AMTX Muleshoe, KSU1 Kansas State U, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Z50A Ashland, V53A Saluda, X52A Dahlonaga, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like KLMR Klimovskoe, KSRK Korea Array, KSAR Wonju Array, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like OBKA Obir, ESDC Sonseca Array, PTGA Pitanga, etc.

Code Station Name Az El Phase ID Time Res
CPBX Cerro Prieto 0.69 340 eP Pb 21 26 42.0 0.0
CPBX San Pedro Mart 0.81 208 eP Pb 21 26 44.5 +0.1
SGL Mount Signal 1.06 326 fP Pn 21 26 48.0 0.0
RMX La Rumorosa 1.22 313 eP Sb 21 27 05.2 -1.4

Table with station codes (GLA, G113A, etc.), names, and various numerical data points. Includes sub-tables for 'Monument Peak' and 'Organ Pipe Nat'.

IDC 03 22:16:60.0 1.7, 7.24S, 144:13E, h0km, mb4.0/3, mb1.4/0.6, mb1mx3.7/3.9, mb1mp3.8/6, ML.2/5.2, Error ellipse: s-maj=36.2km s-min=28.7km az=70.0, Near south coast of New Guinea

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

ISC/JB 03 22:23:25.3:0.6, 25:66N:0:01:118:72E:0:02, h8km, 4km, mb4.0/18, MS4.2/2, Error ellipse: s-maj=2.5km s-min=2.4km az=169.5

TAP 03 22:23:25.8, 25:64N: 118:76E, h15km, 1km, ML.5, 3, D IDC 03 22:23:26.0:0.7, 25:74N:118:73E, h0km, mb4.0/15, mb1.4/1.18, mb1mx4.0/4.9, mb1mp4.0/18, ML.3/7.2, Error ellipse: s-maj=19.3km s-min=14.3km az=69.0

BUJ 03 22:23:26.0:0.0, 25:64N: 118:75E, h10km, mb4.3/30, mb4.8/26, ML.5, 3/16, Ms6, 8/30, Ms7, 4/5/17

NEIC 03 22:23:27.2, 1.8, 25:57N:0:05:118:73E:0:04, h13km, 5km, mb4.1/13, earthModelId quakeml.us:anss.org/earthmodel/ak135

ISC 03 22:23:25.7:1.1, 25:68N:0:02:118:71E:0:02, h1km, 7km, n196, s195/223, mb4.1/20, 7C-9D, Near coast of southeastern China

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yeshan, Houxiangcun, Quanzhou, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WSP, WHP, TWS1, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TTN, ECL, SCZT, etc.

Table with columns: STA, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LSA, KLR, WMQ, MK32, etc.

Haida Gwaii Region
ISCJ3D 03:22:29.30.9.0.1, 51.19N, 0.02:130.18W, 0.03, h11km,
mb4.5/62, MS5.1/63, Error ellipse: s-maj=3.6km
s-min=1.6km, az=142.0
BUI 03:22:29.30.6.0.0.5, 51.20N, 130.30W, h8km, mb4.8/29,
m85.4/22, Ms5.5/25, Ms7.5/324
IDC 03:22:29.30.2.0.5.5, 51.19N, 130.31W, h0km, mb4.2/26,
mb1.4/32, mb1mx4.3/47, mbtmp4.2/32, ML4.2/6, MS5.0/37,
Ms1.5/37, ms1mx4.9/46, Error ellipse: s-maj=9.4km
s-min=8.3km, az=164.0
MOS 03:22:29.30.8.1.1.5, 51.13N, 130.38W, h10km, mb5.1/28,
MS5.2/15, Error ellipse: s-maj=13.9km s-min=5.8km
az=113.2
NEIC 03:22:29.31.1.2.5, 51.33N, 10.130.22W, 0.06, h10km, 2km,
mb5.0/166, Ms. 20.5/267, Mwrs.2, Mwcs.5(GCMT),
Mwrs.5(OTT), Moment Tensor Solution. Moment tensor:
Scale 10^19Nm; Mr=0.31; Mw=3.28; Mw3.59; Mw=2.19;
Mw=6.54; Mw=2.38; Fault plane solution: Ms8.070000/1016
NP1.3a74.190000, 870.090000, lambda.10.250000. NP2:
ms167.710000, 880.370000, lambda.159.880000. Principal axes:
T 7.6577, Plg7.0000, Azm300.0000; N 0.7677,
Plg68.0000, Azm192.0000; P -8.4253, Plg01.0000,
Azm32.0000. Moment Tensor Solution. Moment tensor:
Scale 10^17 Nm; Mr=0.00; Mw=0.00; Mw=0.14; Mw=0.5; Mw=2.3;
Mw=2.24; Mw=0.61; Fault plane solution: Ms2.500000/1017
NP1.3a77.0000, 868.0000, lambda.163.0000. NP2:
ms274.0000, 874.0000, lambda.230.428000. Principal axes:
T 2.5638, Plg28.0000, Azm137.0000; N -0.0592,
Plg62.0000, Azm307.0000; P -2.5046, Plg4.0000,
Azm45.0000; earthModelID
qaquakim.us.anss.org/earthmodel/ak135
GCMT 03:22:29.31.6.0.1.5, 51.10N, 0.01:130.46W, 0.01, h12km,
Mw5.4/144, Moment Tensor Solution. s104.c171;
s144.c300. Duration: 1s3 Moment tensor: Scale 10^17
Nm; Mr=0.07; Mw=0.02; Mw=0.68; Mw=0.71; Mw=0.72;
Mw=0.11; Mw=0.05; Mw=0.22; Mw=0.79; Mw=0.05; Mw=0.05;
lambda.155.0000. NP2: ms167.0000, 865.0000, lambda.05.0000.
Principal axes: T 1.8670, Plg21.0000, Azm121.0000; N
-0.0660, Plg65.0000, Azm339.0000; P -1.8010,
Plg14.0000, Azm216.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
NEIC 03:22:29.34.51.09N, 130.52W, h16km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr=0.02;
Mw=0.72; Mw=0.74; Mw=0.53; Mw=1.74; Mw=0.74; Fault
plane solution: Ms2.100000/1017 NP1.3a350.0000,
882.0000, lambda.157.0000. NP2: ms257.0000,
867.0000, lambda.8.22480. Principal axes: T 1.9563,
Plg10.0000, Azm121.0000; N 0.2556, Plg66.0000,
Azm7.0000; P -2.2120, Plg21.0000, Azm15.0000;
ISC 03:22:29.31.9.0.3, 51.16N, 0.05:130.25W, 0.05, h11km,
n791, e1976/567, mb4.8/106, MS5.2/194, 18C-5D, Queen
Charlotte Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HG4B, HGB, HOB, etc.

Table with columns: STA, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like F04A, LTY, LIS, etc.

PGC 03:22:29.28.6.0.0.5, 51.34N, 130.17W, h10km, mb5.0,
MLSn4.8/33, Mw5.5, Mw5.5, 167km Wsw of Bella Bella, Bc

PGC 03:22:29.28.6.0.0.5, 51.34N, 130.17W, h10km, mb5.0,
MLSn4.8/33, Mw5.5, Mw5.5, 167km Wsw of Bella Bella, Bc



3d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like OXF Oxford, E52A Mattawa, N50A Nevada, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like FRNY Flat Rock, BLA Blackspur, M58A Price's Panora, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TIXI Tikisi, BBSR BB Station, YAK Yakutsk, etc.





3d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Koohdasht, Tabas, Nastanj, Baligh, Yazd, YZKH, Tejag, Mehri, Basir, Koh Gabri, Anarak, Sadrabad, Kerman, Cheshme madani, Negar Kerman, Shahrakht, Anjilo, Zefreh, Ramesheh, Sabzevar, Lasjerd, Shahmirzad, Kolahrood, Payeh, Firoozkoo, Akhelmad, Kardeh, Ghaloghah, Sarvestan, Sfrayin, Jarkhosht, Varamin, Miroodasht, ROKH, Miami, Damavand, GHOM, Pirpir, Zangian, Emamgholi, Kazeroun, Nian, Ashtian, Razeghan.

TAP 03 22:56:20.0, 25°20'N, 122°32'E, h201km, ML3.8, C
ISC/JB 03 22:56:21.3, 0.4, 25.16N, 0.04, 122.26E, 0.02,
h165km, 3km, Error ellipse: s-maj=6.2km s-min=3.2km
az=163.8
JMA 03 22:56:22.7, 0.2, 25.30N, 122.29E, h169km, 4km, M3.8
ISC 03 22:56:20.1, 8.1, 25.24N, 0.06, 122.23E, 0.03, h193km, 8km,
n104, c0.80/153, 1C-9Z, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Santiao Chiao, Wufen Shan, Wu-fen Shan, Shuangxi, Toucheng, YMO8, YMO1, YMO5, YMO10, YMO3, YMO4, ANP, EOS1, Xindian Distri.

2013 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Suao, Taipei, Yuanshan, Neicheng, Kuangyinjshan, Wulai, Datong Townshi, Nanao, Nanau, Yeheng, Daxi, Sanguang, Ninganchiao, Hsinchu, Xulin Townshi, Nanjiao, Chiawan, Tachien, Hwaii, Tech, Liyutan, Iriomote-Funau, Guoxing, Hateruma jima, Suanglung, Ruisui, Kuro-shima, Zhangua, Ishigaki jima, Mingjan, Xiangnan, Xinyi Township, Ishigakijimahi, Yuli, Yui, Yu-Shan, Alishan, Tsalung, Erlin, Douliu.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ma-tsu, Chengkung, Tarama, Lidau, Chiyay, Tsauhsan, Ta-pu, Ta-pu, Ta-pu, Ta-pu, Hsiinying, Tainan City, Nanshi, Jianshan, Pinlang, Beinan, Liutou, Irabujima, Ikemajima, Miyako jima 2, Miyako jima 3, Taimali, Sandimen, Gusukube, Penghu, P'eng-hu, Mashbuloo, Kaoshiung City, Dungji, Anshuo, Fangliu, Giumei, Linhai, Kinmen, Naroch.

ISC/JB 03 23:02:31.4, 0.4, 21.73N, 0.04, 143.64E, 0.07, h200km,
mb3.9/21, Error ellipse: s-maj=9.5km s-min=5.3km az=0.7
NEIC 03 23:02:34.5, 1.4, 21.80N, 0.09, 143.57E, 0.08,
h212km, 4km, mb4.4/28, earthModelID
quakeml:us.anss.org/earthmodel/ak135
IDC 03 23:02:34.4, 1.6, 21.74N, 143.55E, h210km, 14km,
mb3.7/22, mb1 3.9/25, mb1mx3.7/52, mbtmp4.3/25, MS4.1/2,
MS1 4.1/2, ms1mx3.3/59, Error ellipse: s-maj=14.0km
s-min=8.9km az=91.0
ISC 03 23:02:33.6, 0.5, 21.85N, 0.06, 143.59E, 0.10, h200km, n84,
e1522/88, mb4.2/31, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chichijima, Chichi jima, Guam, Hachijo jima, Inuyama, Matushiro Arr, Korea Arr, Suanglung, Asahikawa, Davao City, Usurriysk Arr, Kuluro, Songoing Array, Songoing Array, Chiang Mai Arr, Warramunga Arr, Warramunga Arr, Fitzroy Crossi, Kulim, Lembang, Alice Springs, Alice Springs, Alice Springs, Rantau Prapat, Rantau Prapat, Rantau Prapat, Rantau Prapat.





Table listing station names and coordinates, such as CHTO Chiang Mai, STKA Stephens Creek, and others, with columns for code, station name, and various parameters.

Table listing station names and coordinates, such as PHC Port Hardy, MAYB Maynard, and others, with columns for code, station name, and various parameters.

Table listing station names and coordinates, such as PLCA Paso Flores, WEL 03 23:44:57.9, 42'S, and others, with columns for code, station name, and various parameters.

3d 23h

2013 SEP

Table of astronomical observations for 3d 23h, listing stations like KAPI, BKSI, BAKI, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2013 SEP, listing stations like NANT, KCSI, JKSU, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2013 SEP, listing stations like NWAO, USRK, USRK, etc., and their respective coordinates and observation times.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, PRZ, MAZK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KLMR, VSR, CCB, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like G006, ACON, G005, etc.

IDC 03 23:52:14.2, 6.25, 47N, 109.82W, h0km, mb1 3/8,3, mb1mx3.5/32, mbtmp3.3/3, M3L3.6/3, Error ellipse: s-maj=78.0km s-min=26.0km az=176.0 NEIC 03 23:52:17.6, 1.5, 25.47N, 0.04, 109.68W, 0.03, h10km, 3km, mb3.9/21, Md4.1 (MEX), earthModelID quakeml.us.anss.org/earthmodelak135 MEX 03 23:52:21.4, 0.6, 25.35N, 109.81W, h4km, 16km, MD4.1 ISN 03 23:52:16.0, 1.7, 25.3N, 109.75W, 0.05, h10km, n65, a=149.71, mb4.1/3, GZ of Chaffee ID

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SRIG, SRIG, SRIG, etc.

NIED 04 00:18:00, 29.90N, 139.40E, h44.0km, Mw6.5 Best double couple: M6.40000, 1018 NP1, 105.00000, 825.00000, -132.00000, NP2, 330.00000, 872.00000, -73.00000, JMA 04 00:18:20.7, 0.2, 29.94N, 139.42E, h44.5km, 3km, M6.8 JMA Felt IV J1. MOS 04 00:18:22.8, 0.8, 29.95N, 138.83E, h41.4km, 3km, 1/84, M5.5, 9/17, Error ellipse: s-maj=6.8km s-min=3.6km az=109.5 NEIC 04 00:18:23.2, 2.1, 29.94N, 0.05, 138.83E, 0.05, h40.0km, 1km, m5.5/312, Mw6.5, Mw6.5 (GMT), earthModelID quakeml.us.anss.org/earthmodelak135 NEIC 04 00:18:23.4, 29.94N, 138.83E, h40.0km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=2.95; Ms=2.07; M0=0.88; M2=2.56; M3=1.25; Mr=5.65; Fault

plane solution: M=6.85000e+1018 NP1=108.27000, ...
Plane axes: T 6.4266, ...

ISC 04 00:18:23.0-2.30,01N0.01:138.77E:0.02, ...

IDC 04 00:18:23.8-0.3,29.97N:138.90E,h410km,2km,mb5.6/53, ...

NEIC 04 00:18:23.9-1.3,30.00N:138.78E:0.05, ...

GCMT 04 00:18:23.0-1.3,30.02N:138.79E:0.01, ...

s157.c408; s149.c281; Duration: 4s Moment tensor: ...

M=7.29900e+1018 NP2=333.00000, ...

ISC 04 00:18:24.4-0.2,29.98N:138.84E:0.02,h414km,1km, ...

Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Residual

Secondary station list table with columns: Station Name, Azimuth, Phase ID, Time, Residual





4d 0h

2013 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Semarang, JIRN, GAMB, JMBI, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FRU1, Bishkek, USP, etc.

Table with columns: ILAR, comp, PKPPKP, P/P/df, 00 57 09.2 -8.5, AKTO, comp, pmax, pmax, 00 28 05.3 -0.6, MOS, SNR=85, Moscow, 71.67 324, eP, P, 00 29 01.2 -1.2, etc.

Table with columns: AKTO, comp, pmax, pmax, 00 28 05.3 -0.6, MOS, SNR=85, Moscow, 71.67 324, eP, P, 00 29 01.2 -1.2, etc.

Table with columns: MOS, SNR=85, Moscow, 71.67 324, eP, P, 00 29 01.2 -1.2, etc.

4d 0h

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like KIV Kislovodsk, FINES FINESS Array B, F04D Rainier, OR, H08N1 Diego Garcia, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like MINSK Minsk, O02D Mt. Diablo, KARO Karlova-Bingo, IZAR Zarasai, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like SUW Suwalki, SUW Suwalki, VCNR Valkia City, TOK Tokat, SAO San Andreas, etc.



4d 0h

2013 SEP

194

Table of astronomical data for 4d 0h, listing objects like KSP, KSP, KSP, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical data for 2013 SEP, listing objects like ALN, ENEZ, Casper, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical data for 194, listing objects like RSC, NVR, NVR, etc., with columns for name, coordinates, magnitude, and other parameters.

Main data table with multiple columns containing station names, call letters, frequencies, and other technical details. Includes sub-sections like 'Market Rasen' and 'Market Rasen'.

4d 0h

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like F48A Evansville, G47A Hillman, WMOK Wichita Mounta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 435B Jarrell, KEST Kesra, E60A Ste Agathe de, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BOSA Boshof, DR12 Loma Pena Alta, TSMU Tsumeb, etc.

Table of station data for stations 1-197, including station name, code, station name, phase ID, time, res, and various parameters.

Table of station data for stations 198-350, including station name, code, station name, phase ID, time, res, and various parameters.

Table of station data for stations 351-650, including station name, code, station name, phase ID, time, res, and various parameters.

ISCJB 04 00:18:47.6±0.4, 45°69'N±0.02°26'51E±0.03, h92km±3km, Error ellipse: s-maj=3.1km s-min=2.8km az=32.7, SOF 04 00:18:48.5±0.3, 45°62'N±0.03°26'51E±0.03, h88km±2km, ml3.5/40, BUC 04 00:18:48.2±0.3, 45°62'N±0.03°26'51E±0.03, h88km±2km, ml3.5/40, Error ellipse: s-maj=1.8km s-min=1.7km az=33.0, ISC 04 00:18:48.0±0.2, 45°70'N±0.02°26'52E±0.02, h92km±5km, n89,±076/154,87-63D,Romania



4d 0h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like B927 Port Alberni, B928 Bamfield, UBRB Upper Baezaeko, etc.

2013 SEP

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M022 Callahan, SWMT Callahan, SWMT Swartz Lake, etc.

198

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like FURC Furnace Creek, MPMC Manual Prospec, ISA Isabella Lake, etc.

Table with columns: ID, Name, SNR, Date, Time, Location, and Status. Includes entries like T25A Trinidad, 23.10 117 P, P 00 28 17.9 +0.8, and ABTX Abilene, Hawle, 29.07 118 Iamb Iamb 00 29 22.5.

Table with columns: ID, Name, SNR, Date, Time, Location, and Status. Includes entries like ABTX Abilene, Hawle, 29.07 118 Iamb Iamb 00 29 22.5, E44A Grand Marais, 29.16 81 P P 00 29 12.2 +0.2, and K43A Burlington, 29.51 90 P P 00 29 15.0 -0.2.

Table with columns: ID, Name, SNR, Date, Time, Location, and Status. Includes entries like OLIL Olney, 31.89 96 IAMS\_20 IAMS\_20 00 43 10.0, P46A Roseale, 31.92 94 P P 00 29 36.8 +0.4, and M47A Cromwell, 31.94 90 P P 00 29 36.5 -0.1.

4d 0h

Table of race results for 4d 0h, including columns for race number, track name, time, distance, and various performance metrics.

2013 SEP

Main table of race results for 2013 SEP, listing multiple races with detailed data for each horse and jockey.

200

Table of race results for 200, continuing the list of races and participants.



Table with columns: SDV, comp, IAmB, IAmB, 00 34 11.3, etc. Lists various stations and their associated data.

Table with columns: MTE, comp, IAmB, IAmB, 00 35 06.7, etc. Lists various stations and their associated data.

Table with columns: PB11, IPOC Station P, 88.29 125, P, P, 00 36 02.1 +0.6, etc. Lists various stations and their associated data.

IDC 04 00:43:09.4.0.5.51'42N:178.45W, h0km, mb4.2/32, mb1.4/3.4, mb1mx4.3/5.4, mbtmp4.2/34, ML4.1/1, Error ellipse: s-maj=19.0km s-min=9.9km az=175.0, NEIC 04 00:43:13.0:1.5.51.19N:10.09:178.37W:0.06, h25km, 1km, mb4.5/50, earthModelId quakeml.us.anss.org/earthmodel/ak135 AEIC 00:43:13.0:1.5.51.19N:10.09:178.21W:0.05, h25km, 3km ISC 04 00:43:13.5:1.7.51.19N:10.0:178.28W:0.04, h27km, 10km, n230, e1903/232, mb4.3/48, Andreanof Islands

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

Table of astronomical observations for 2013 SEP, columns include station name, target name, magnitude, position angle, and other parameters.

Table of astronomical observations for 2013 SEP, columns include station name, target name, magnitude, position angle, and other parameters.

Table of astronomical observations for 4d Oh, columns include station name, target name, magnitude, position angle, and other parameters.

Table with columns: LTY Liberty, H04A Detroit Lake, FNBB Fort Nelson, NEW Fort Nelson, etc. Includes station names, coordinates, and status.

Table with columns: DIB Dawson Inlet, DIB Dawson Inlet, H02C1 Dawson Inlet, etc. Includes station names, coordinates, and status.

Table with columns: G08A Pilot Rock, J04D Umpqua Nationa, PINE Pine Mountain, etc. Includes station names, coordinates, and status.

PGC 04 01:03:31.4, 51.02N:130.43W, h10km, ML SN3.2/17, Mw3.8/1.7, 203km Wsw of Bella Bella, Bc Haida Gwaii

Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h, m, s, ISC. Lists stations like HG4B, HOLB, etc.

PGC 04 01:19:00.8, 51.1, 50.97N:130.55W, h10km, ML SN4.3/37, Mw4.9, 213km Wsw of Bella Bella, Bc Vancouver Island, Canada Region

NEIC 04 01:19:00.3, 2.5, 50.95N:0.07, 130.51W:0.04, h21km, 3km, Mw4.9(OTT), earthModelID

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h, m, s, ISC. Lists stations like NLWA, BLN, etc.

PGC 04 01:18:59.5, 1.3, 51.02N:0.04:130.42W:0.05, h7km, 2.8km, n387, e240/380, mb3.8/11, Queen Charlotte Islands region

quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h, m, s, ISC. Lists stations like DIBC, WOSB, etc.

PGC 04 01:19:00.8, 51.1, 50.97N:130.55W, h10km, ML SN4.3/37, Mw4.9, 213km Wsw of Bella Bella, Bc Vancouver Island, Canada Region

NEIC 04 01:19:00.3, 2.5, 50.95N:0.07, 130.51W:0.04, h21km, 3km, Mw4.9(OTT), earthModelID

quakeml.us.anss.org/earthmodel/ak135

IDC 04 01:19:01.3, 0.7, 51.12N:130.31W, h0km, mb3.8/12, mb1.4/120, mb1mx4.047, mbtmp3.920, ML3.6/8, MS4.5/3, MS1.4/5.3, ms1mx3.8/50, Error ellipse: s-maj=13.5km, s-min=9.1km, az=58.0

ISC 04 01:18:59.5, 1.3, 51.02N:0.04:130.42W:0.05, h7km, 2.8km, n387, e240/380, mb3.8/11, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h, m, s, ISC. Lists stations like HG4B, HOLB, etc.

PGC 04 01:19:00.8, 51.1, 50.97N:130.55W, h10km, ML SN4.3/37, Mw4.9, 213km Wsw of Bella Bella, Bc Vancouver Island, Canada Region

NEIC 04 01:19:00.3, 2.5, 50.95N:0.07, 130.51W:0.04, h21km, 3km, Mw4.9(OTT), earthModelID

quakeml.us.anss.org/earthmodel/ak135

IDC 04 01:19:01.3, 0.7, 51.12N:130.31W, h0km, mb3.8/12, mb1.4/120, mb1mx4.047, mbtmp3.920, ML3.6/8, MS4.5/3, MS1.4/5.3, ms1mx3.8/50, Error ellipse: s-maj=13.5km, s-min=9.1km, az=58.0

ISC 04 01:18:59.5, 1.3, 51.02N:0.04:130.42W:0.05, h7km, 2.8km, n387, e240/380, mb3.8/11, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h, m, s, ISC. Lists stations like DIBC, WOSB, etc.

PGC 04 01:19:00.8, 51.1, 50.97N:130.55W, h10km, ML SN4.3/37, Mw4.9, 213km Wsw of Bella Bella, Bc Vancouver Island, Canada Region

NEIC 04 01:19:00.3, 2.5, 50.95N:0.07, 130.51W:0.04, h21km, 3km, Mw4.9(OTT), earthModelID

quakeml.us.anss.org/earthmodel/ak135

IDC 04 01:19:01.3, 0.7, 51.12N:130.31W, h0km, mb3.8/12, mb1.4/120, mb1mx4.047, mbtmp3.920, ML3.6/8, MS4.5/3, MS1.4/5.3, ms1mx3.8/50, Error ellipse: s-maj=13.5km, s-min=9.1km, az=58.0

ISC 04 01:18:59.5, 1.3, 51.02N:0.04:130.42W:0.05, h7km, 2.8km, n387, e240/380, mb3.8/11, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Op, ISC, h, m, s, ISC. Lists stations like DIBC, WOSB, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Rows include stations like LCMT, PKCU, TUO, KNB, O20A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Rows include stations like LPAZ, SYO, SUR, MAW, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Rows include stations like CLZ, ASSE, MEM, etc.



Table with columns: WME, Myndd Eilian, 6.64 275 eP, Pn, 01 35 08.4 -0.4, etc.

ISC 04 01:35:03.1e.1.4. 6.85S; 129.58E, h0km, mb3.9/3, mb1 4.1/5, mb1mx3.7/40, mbtmp4.0/5, ML4.2/2, Error ellipse: s-maj=135.3km s-min=22.6km az=60.0

ISCJB 04 01:35:15.6d.0.4. 8.78S; 0.03; 128.59E; 0.04, h131km, mb3.6/3, Error ellipse: s-maj=5.4km s-min=4.1km az=35.4

NEIC 04 01:35:18.0e.2.1. 7.80S; 0.07; 128.79E; 0.07, h186km, 2km, mb4.4/8, earthModelID quakeml.us.anss.org/earthmodel/a1k35

DJA 04 01:35:19.0d.0.4. 8.54S; 4.12 8E, h187km, 18km, M4.5/7, mb4.1/7, mB5.1/6, MLV4.7/6, Mw(MB)4.5/6

ISC 04 01:35:18.0e.6.7.96S; 0.05; 128.66E; 0.05, h131km, n41, e245/49, mb4.2/6, Banda Sea

Main table for 4d 1h section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for 2013 SEP section with columns: GMTK, Tadong, 1.41 139 eP, Pn, 01 39 05.1 +3.5, etc.

PGC 04 01:44:21.7. 1.7. 51.00N; 130.59W, h10km, MLSn3.729, Mw1.3/29, 214km, W of Bella Bella, Bc Vancouver Island, Canada Region

NEIC 04 01:44:12.4e.2.5. 51.05N; 0.07; 130.56W; 0.05, h26km, 8km, earthModelID quakeml.us.anss.org/earthmodel/a1k35

ISC 04 01:44:08.8e.1.8. 51.00N; 0.06; 130.65W; 0.07, h13km, 14km, n84, e26/190, Vancouver Island region

Main table for 2013 SEP section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: DLBC, Dease Lake, 7.47 3 Pn, Pn, 01 46 03.7 +6.4, etc.

ISCJB 04 01:44:59.8e.0.3. 29.97N; 0.03; 139.22E; 0.06, h421km, mb3.7/17, Error ellipse: s-maj=7.5km s-min=4.4km az=1.0

JMA 04 01:44:59.8e.0.3. 30.04N; 139.60E, h455km, 4km, M4.0, IDC 04 01:45:00.7e.1.1. 29.88N; 138.82E, h403km, 12km, mb3.4/18, mb1 3.5/23, mb1mx3.3/53, mbtmp4.2/23, Error ellipse: s-maj=18.8km s-min=11.6km az=74.0

ISC 04 01:45:01.3e.0.6. 30.04N; 0.06; 139.21E; 0.10, h421km, n52, e181/66, mb3.7/17, Southeast of Honshu

Main table for 206 section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 04 01:46:29.2e.1.9. 23.68S; 179.95E, h510km, 19km, mb3.6/15, mb1 3.8/15, mb1mx3.5/39, mbtmp4.4/15, Error ellipse: s-maj=18.0km s-min=16.4km az=138.0

ISCJB 04 01:46:30.5e.0.5. 23.73S; 0.07; 179.9E; 0.1, h535km, mb3.9/15, Error ellipse: s-maj=15.4km s-min=9.6km az=177.9

ISC 04 01:46:30.9e.0.6. 23.82S; 0.09; 180.0E; 0.1, h535km, n26, e184/29, mb3.9/15, South of Fiji Islands

Main table for 206 section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NVAR, SNAE, VNA3, WNA2, VNA1, CMAR, TXAR, PDAR, FINES, NB2, NORSAR, AKASG, BRTR, GERS, etc.

NNC 04 01:54:28.5 0.5, 42.97N, 78.30E, h0km, mb2.7, mpv2.8, Error ellipse: s-maj=5.2km s-min=1.8km az=172.0

Main data table for 2013 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SATY, ZHN, KURS, KPKS, ANVS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KUU, KUU, KUU, KUU, ULHL, DJR, DJR, BOOM, BOOM, TKM2, TKM2, TKM2, KAPS, KAPS, KAPS, AAK, AAK, etc.

IDC 04 02:10:27.4 3.0, 50.82N, 175.30W, h0km, mb3.4/4, mb1.3/7.4, mb1mx3.4/5.6, mbmp3.5/4, Error ellipse: s-maj=92.5km s-min=28.6km az=175.0

Main data table for IDC 04 02:10:27.4, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GSTR, ADK, ADK, ATKA, KIWB, UNV, ILAR, KLR, PDAR, MKAR, etc.

IDC 04 02:10:47.3 29.0, 22.96S, 173.92W, h0km, mb4.4/4, mb1.4/5.4, mb1mx3.9/35, mbtmp4.4/4, Error ellipse: s-maj=530.7km s-min=160.4km az=76.0, Tonga Islands region

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

NNC 04 02:18:00.5 3.1, 38.16N, 71.14E, h0km, mb3.8, mpv3.4, 9C-19, Error ellipse: s-maj=23.3km s-min=20.5km az=28.0, Afghanistan-Tajikistan border region

Main data table for NNC 04 02:18:00.5, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KK31, KK31, AAK, AAK, AAK, TKM2, TKM2, etc.

IDC 04 02:31:23.4 2.0, 3.78N, 127.08E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.6/42, mbtmp3.7/5, Error ellipse: s-maj=113.3km s-min=27.3km az=68.0, Talaud Islands

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

KRSC 04 02:32:24.6 1.8, 51.05N, 173.67W, h109km, 20km, ML6.5, IDC 04 02:32:26.6 0.3, 51.52N, 174.71W, h0km, mb5.6/4.1, Mb1.6/4.3, mb1mx5.6/5.1, mbtmp5.5/4.3, ML4.8/2, MS6.4/4.3, Mb1.6/4.3, ms1mx6.3/5.0, Error ellipse: s-maj=11.2km s-min=6.7km az=172.0

tensor: Scale 10^18Nm, Mr=2.35; Mw=2.02; M0=0.33; Mw=2.95; Mw=0.87; Mw=1.56; Fault plane solution: Mw=4.09000x10^18 NPT1.63, 63.07000, 6.72.36000, 7.87.51000... Principal axes: T 4.0764, Plg63.0000, Azm329.0000; N 0.0237, Plg2.0000, Azm64.0000; P -4.1001, Plg27.0000, Azm155.0000; earthModelID quakem/usc.anss.org/earthmodel/ak135

ISC 04 02:32:32.0 0.3, 51.48N, 0.03, 174.70W, h30km, 1km, h31km, PP-P, N2615, 1.164/2866, mb6.0/589, MS6.5/542, 154C-38D, Andean/Islands

Main data table for 2013 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ATKA, ATKA, KOFB, KOKL, KOSE, GSYM, KICM, GSTD, ETKA, ADAG, ADK, ADK, ADK, KIWB, KIKV, KIMD, KICM, TAPA, TAFP, TASE, GAEA, NIKH, NIKH, OKNK, OKTU, OKER, OKER, IREK, NIKH, UNV, UNV, AKRB, AKUG, AKUT, AKSA, SPIA, SPIA, WESP, SMY, SMY, SMY, SMY, FALS, FALS, SDPT, SDPT, CNBA, CNBA, CHGN, CHIR, BKI, BKI, GAMB, SII, OHAK, OHAK, TILK, TILK, TILK, ANM, KBTR, KBTR, KBG, KBG, KKBG, KKBG, KDAK, KDAK, KDAK, SSWZ, MKZ, MKZ, SMKR, SMKR, BDR, BDR, SRKR, SRKR, SRKR, KMSK, KMSK, RSO, BZGR, BZGR, TTA, TTA, TTA, FITZ, WRA, ASAR, STKA, MKAR, KZV, KZV, KIRR, KIRR, KIRR, KIRR, KMNR, KMNR, KMNR, TUMR, TUMR, TUMR, CNPM, CNPM, KPT, KPT, KPT, SPN, SPN, SPN, etc.



Table with columns for station call letters, frequency, and signal strength. Includes stations like D03D Eldon, YKWA Yellowknife Ar, YKA comp-Z,32nm,0.7s, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like UWE comp-Z,332nm,1.2s, UWB Uwekahuna B, SBLHI Steaming Luffs, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like MDJ Mudanjiang, MSHR Mys Shultsa, F10A Beach Ranch, etc.

4d 2h

Table listing stations and their frequencies for the 4d 2h band. Includes stations like NVAR Mina Array Bay, MDPB Devils Postpil, BOZ Bozeman, etc.

2013 SEP

Table listing stations and their frequencies for the 2013 SEP band. Includes stations like TPNV comp=Z,175nm,0.9s, LRMC Laurei Mtn Rad, TJN Taejon, etc.

210

Table listing stations and their frequencies for the 210 band. Includes stations like SRU San Rafael Swe, IRM Iron Mountain, BAR Barrett, etc.





Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like I51A Listowel, H52A Wyevale, M49A Liberty Center, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like F55A Otter Lake, TORO Toronto-Leslie, MET Memphis-Engin, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like P51A, ALLY Alegheny Coile, L54A Sinclairville, etc.



4d 2h

2013 SEP

Table with columns for race number, name, distance, class, sex, age, date, time, and margin. Includes entries like LONY Lake Ozonia, VBMS Vicksburg, KONS KONS, etc.

Table with columns for race number, name, distance, class, sex, age, date, time, and margin. Includes entries like U51A La Follette, J59A Piesco, PLP Pal, etc.

Table with columns for race number, name, distance, class, sex, age, date, time, and margin. Includes entries like P57A Homestead Farm, RCP Roxas, R56A Bull Pasture M, etc.



2013 SEP

Table with columns for station ID, location, frequency, power, and other technical details. Includes stations like Y60A Bolivia, NAO01 NORSAR Array S, and various other locations.

Table with columns for station ID, location, frequency, power, and other technical details. Includes stations like LSA comp=Z,170nm,0.7s, LSA comp=Z,32um,10.0s, and various other locations.

Table with columns for station ID, location, frequency, power, and other technical details. Includes stations like PBUR Paburg, GUWA GUWAHATI, IIGN Ignalina, and various other locations.

Table with columns for station codes (e.g., CMMT, CHTO, CHTO), names (e.g., Chiang Mai, Voronezh), times (73.28 279), and various performance metrics (P, I, A, M, B, S, etc.).

Table with columns for station codes (e.g., GKP, WFS, WPS, WME), names (e.g., Cernaes, Angles, Myndt Eilian), times (75.17 6), and various performance metrics.

Table with columns for station codes (e.g., TGUH, HTL, HTL, HTL), names (e.g., comp=Z,280nm,1.1s, comp=Z,21µm,22.0s), times (77.56 6), and various performance metrics.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like Ostrava-Krasne, Moravsky Berou, and Nedzica.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like KHC Kuching, KSM Kuching, and KESCs Kecovo.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like ZEI Acovasa, ZEI comp=E,187nm,1.0s, and ZEI comp=N,82nm,1.2s.

Table with columns: PRVC FETA, Isla de Provid Feichten, comp=Z, 9.1nm, 1.4s, SPSac, S, 02 44 47.6 +0.0, 0.0, P, 02 44 47.1 -0.6, 0.6, etc.

Table with columns: MYKOM Kota Tinggi, comp=Z, 160nm, 2.3s, comp=Z, 4um, P, 02 44 55.6 -0.1, 0.1, P, 02 44 59.1, 0.1, etc.

Table with columns: PSCM Serra do Cume, comp=Z, 222nm, 1.4s, 85.82, 25, eP, P, 02 45 09.9 +1.6, 1.6, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KZN, SNSI, ABVI, LIT, GSI, PENT, LEM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like LEF, CSS, ITM, ITM, ITM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like FDF, FDF, FDF, RUSC, RUSC, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, Residual, etc. Includes stations like PTGA, TAM, MCQ, ATD, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, Residual, etc. Includes stations like MAW, LBTB, WIN, BOSA, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, Residual, etc. Includes stations like RAGZ, RIGZ, MUZZ, etc.



4d 2h

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 W13A, KVN, J04D, I04A, PINE, etc.

ISCJ 04:02:43.28.5.0.7, 51.50N, 174.78W, h0km, mb4.3/24, mb1.4/5/26, mb1mx4.3/50, mbtmp4.3/26, ML3.6/2, Error ellipse: s-maj=22.5km s-min=12.4km az=169.0

NEIC 04:02:43.38.2.3, 51.42N, 174.82W, 0.04, h37km, 5km, earthModellD, quakeml.us, ans.org/earthmodel/ak135

ISCJ 04:02:43.32.4.0.5, 51.50N, 174.74W, 0.03, h35km, mb4.3/24, Error ellipse: s-maj=6.2km s-min=2.9km az=171.1

NEIC 04:02:43.33.6.0.5, 51.44N, 174.77W, 0.04, h35km, n282, c114/291, mb4.3/33, Andronof 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. Includes stations like ATKA, GSTR, ADK, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like BPAW, IMAR, SCM, FID, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like E52A, S44A, BUKO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like Burton, R53A, 055A, N56A, etc.

IDC 04 02:48:09.12.9, 51.80N:174.99W, h0km, mb3.7/4, m1 3.8/5, mb1mx3.5/43, mbtm0.3/5, ML3.9/1, Error ellipse: s-maj=82.6km s-min=28.0km az=175.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ATKA, KOKF, KOSK, etc.

IDC 04 03:01:32.2.1.4, 51.66N:174.70W, h0km, mb4.2/14, mb1 4.3/15, mb1mx4.0/57, mbtm0.4/115, ML3.9/1, Error ellipse: s-maj=38.7km s-min=19.0km az=176.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ATKA, KOKF, KOSK, etc.

IDC 04 03:01:37.7.1.7, 51.51N:174.83W, h0.05, h26km, 5km, earthModelId quakem.us:anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ATKA, KOKF, KOSK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like HVU, PD31, PDAR, etc.

IDC 04 03:04:45.0.7.51, 62N:174.80W, h0km, mb4.4/26, ml1 4.5/27, mb1mx4.3/55, mbtm0.4/327, ML4.0/1, Error ellipse: s-maj=22.0km s-min=11.9km az=169.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ATKA, KOKF, KOSK, etc.

IDC 04 03:04:52.7.2.2, 51.80N:174.90W, h0.05, h49km, 5km, earthModelId quakem.us:anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ATKA, KOKF, KOSK, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC, h, m, s, ISC, P, Az, El, AzE, Phase ID, Time, Res, ISC, h, m, s, ISC, P. Includes stations like DLBC Dease Lake, YSS Yuzh-Sakhalins, BBA Bella Bella, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC, h, m, s, ISC, P, Az, El, AzE, Phase ID, Time, Res, ISC, h, m, s, ISC, P. Includes stations like ATKA Atka Island, GSTR Great Sitkin T, KROSE Korovin Southe, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC, h, m, s, ISC, P, Az, El, AzE, Phase ID, Time, Res, ISC, h, m, s, ISC, P. Includes stations like NEW Newport, O02D Mt. Diablo Mer, O03E Paines Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 04 03:08:24.6:5.7, 50:95N:174:32W, h0km, mb4, 1/8, mb1 4.1/10, mb1mx3.7/57, mbtmpt4.1/10, ML3.8/2, Error ellipse: s-maj=137.2km s-min=23.6km az=158.0 NEIC 04 03:08:30.2:1.4, 51:2N:0:1:174:62W:0.07, h27km, 10km, earthModelId:quakeml:us.anss.org/earthmodel/ak135 AEIC 04 03:08:32.4:4, 51:37N:0:06:174:82W:0.04, h11km, 5km, ML3.5, mb4, 1/14(NEIC) ISC 04 03:08:30.2:3, 51:2N:0:1:174:64W:0:06, h24km, 14km, h4:084/50, mb4.1, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.





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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like Rio Claro-Sao, Valinhos, Brasilia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like MOX Moxa, Manzenberg, Rotzenmuhle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like ERBM, Bagni Di Lucca, Graiana, etc.

ISC/JB 04:13:29.5:0.4, 51.48N:0.02:16.07E:0.02, h0km, Error ellipse: s-maj=3.1km s-min=1.9km az=18.1

IPEC 04:13:29.0:0.3, 51.65N:16.26E, h0km, ML2/3, Error ellipse: s-maj=2.6km s-min=1.4km az=45.0

IDC 04:13:31.0:0.8, 51.50N:16.01E, h0km, mb1 3.37, mb1mx3.2/4.7, mb1mx2.7/ML2/9, Error ellipse: s-maj=13.8km s-min=7.7km az=110.0

BGR 04:13:31.9:0.3, 51.50N:16.10E, h1km, ML3/2/15, Error ellipse: s-maj=4.4km s-min=2.2km az=19.0

ISC 04:13:29.9:0.7, 51.56N:0.03:16.09E:0.02, h0km, n63, r134/138, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like KSP Ksiaz, CHVC Chvalec, UPIC Upice, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like STHS Stebnicka Hus, KECS Kecoovo, ARSA Arzberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like POPM Popiglio, PISA Pisa, MSA Maissana, etc.

GEN 04:04:13:51.6, 44.21N:10.23E, h3km, ML1.1 ROM 04:04:13:50.8:0.1, 44.196N:10.23E:0.01, h10km, ML1.5:6, Error ellipse: s-maj=1.0km s-min=0.4km

az=222.0, Northern Italy

ROM 04:04:14:36.8:0.2, 43.377N:0.004:12.523E:0.005, h7km, 1km, ML0.4/3, Error ellipse: s-maj=0.4km

n7=0.2km az=4.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like PRU Pruhonice, CLL Colim, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like EQUI Equi, VLLC Villacollemand, SARO Satorosso, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and data rows for stations like ATFO Monte Foce - G, MURB Monte Urbano, PIET Pietralunga, etc.





4d 4h

Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like E07A Sunnyside, HUMB Hull Mountain, KRMBO Red Mountain, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like YERR Walker, WAKR Walker, HOLTER Holter Research, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, and Time. Includes stations like SHOC Shoshone, Teco, GSC Goldstone, Bar, GSC Goldstone, Bar, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PV01, 113A Mohawk Valley, ULM, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ECSD, EROS Data Cent, BNM, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H43A Windswept, Lux, WMOK, etc.

4d 4h

Table with columns: ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like I47A Gladwin, HAMF F49A Sandfield, H48A Harrisville, etc.

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Table with columns: ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like M47A Cromwell, FCAR Ozark Folk Cen, MIAR Mount Ida, etc.

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Table with columns: ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries like K51A Iona Station, NATX Nacogdoches, NATX Nacogdoches, etc.



4d 4h

2013 SEP

Table with columns: Call Sign, Frequency, Mode, Power, Date, and other details. Includes stations like O58A Lewisberry, N59A State Game Lan, W53A Cullowhee, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Date, and other details. Includes stations like PAULI Pauline, OTUK Ortayu, V56A Mocksville, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Date, and other details. Includes stations like M65A Busby, Falmout, Glongzhong, etc.

Table containing columns: Station Name, Frequency, Power, Mode, Date, and various numerical values. Includes stations like Hyde County Ai, SKAR Skarslia, BOOM Boomskoje usch, 456A Hilliard, etc.

Table containing columns: Station Name, Frequency, Power, Mode, Date, and various numerical values. Includes stations like IIGN, INVG Invergelde, PPT Papeete, PPT2 Papeete2, etc.

Table containing columns: Station Name, Frequency, Power, Mode, Date, and various numerical values. Includes stations like DHRM, WACR West Ace, AKASO Malin Array Ba, AKASO Malin Array Be, etc.

4d 4h

Table with 5 columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like PRU Pruhonice, GOPC GO Pecny, NIE Niedzica, etc.

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Table with 5 columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like BFO, CONA Conrad Observa, ECH Echery, etc.

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Table with 5 columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like TREB Trebinje, PSI Prapat, RPSI Rantau Prapat, etc.

PGC 04 04:22:32.1±6.8,51°10'N,130°42'W, h10km, MLSn3.1/10, Mw3.7/1.0,197km Wsw of Bella Bella, BC Haida Gwaii

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HG4B HotSpring, HOLB Holberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CBB Campbell River, ISJCJB 04:04:24.03, and various station reports like RAO Raoul Island, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for AKMS Akamas, AKMS Akamas, AKMS Akamas, etc.

Table with columns: ALFC, ALFC, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for ALFC 2.9nm,0.5s, NATA Neta, LFK Lefka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for GAZI Gazipasa, SZAC Souti, ALAN Alanya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for ATKA Atka Island, ATKA Atka Island, KOPF Korovin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for EGAK Eagle, INK Inuvik, KLR Kul'dur, etc.

Table with columns: H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, NEW Newport, MCMT McKenzie Canyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.



4d 4h

Table of station data for the 4d 4h section, including station names, codes, and various parameters like time and resolution.

PGC 04 04:45:49.6,3.8,51.02N,130.50W, h10km, MLN3.1/17, Mw3.8/17, 207km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table of station data for the PGC section, listing station names and their corresponding parameters.

ISCJB 04 04:52:42.3,0.3,27.83N,0.04,99.44E,0.03, h10km, mb4.0/11, Error ellipse: s-maj=5.2km s-min=3.1km bz=14.8

IDC 04 04:52:43.1,0.7,27.92N,99.61E, h0km, mb4.0/12, mb1.4/13, mb1mx3.8/49, mbtmp4.0/13, ML4.0/1, Error ellipse: s-maj=36.0km s-min=14.1km az=59.0

BUII 04 04:52:43.8,0.0,28.19N,99.55E, h10km, ML4.0/7, NEIC 04 04:52:48.3,2.0,27.94N,0.07,99.48E,0.06, h41km,8km, mb4.1/13, earthModelID

ISC 04 04:52:44.5,0.5,27.98N,0.06,99.44E,0.04, h10km, n62, r170/66, mb4.0/16, 1C, Yunnan

Table of station data for the ISC section, including station names and their parameters.

2015 SEP

Main table of station data for the 2015 SEP section, listing station names, codes, and various parameters.

DRS 04 04:55:09.4,0.0,42.74N,45.80E, h24km, ML3.2/2, MOS 04 04:55:10.9,0.0,42.71N,46.49E, h51km, MPV4.2, NORS 04 04:55:11.0,0.0,42.75N,46.53E, h47km, MPV4.0, ISCBJ 04 04:55:12.1,0.4,42.75N,0.03,46.51E,0.03, h6km,4km, Error ellipse: s-maj=5.2km s-min=2.9km az=27.5

ISC 04 04:51:13.5,1.0,42.71N,0.03,46.48E,0.02, h46km,5km, n73, r148/137, 6C-5D, Eastern Caucasus

Table of station data for the DRS, MOS, NORS, ISCBJ, and ISC sections, listing station names and their parameters.

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Table of station data for the 238 section, including station names, codes, and various parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DMN Daman, GKN Gorkha, KOLN Koldanda, etc.

IDC 04 05:07:29.4±18.0, 37.69S, 93.41W, h0km, mb3.8/3, mb1 4.3/3, mb1mx3.8/26, mbtmp3.8/3, Error ellipse: s-maj=617.2km s-min=318.1km az=117.0, West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array.

PGC 04 05:08:13.6±4.2, 51.01N, 130.51W, h10km, MLSN3.2/15, Mw3.8/15, 208km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOLB Holberg, HGB3 Hotspring, BNB Barry Inlet, etc.

ATH 04 05:14:04.6 ± 0.4, 32°N, 25°E, h18km, 5km, ML1 7/2, Error ellipse: s-maj=5.5km s-min=0.9km az=294.0

DDA 04 05:14:05.6 ± 0.4, 29°N, 25°E, h7km, 2km, ML2.5

ISC 04 05:14:04.0 ± 1.2, 40.30N, 03.25W, h17km, 11km, n10, c079/19, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMTH Samothrasi Isl, BOZC Bozcaada, LIA Limnos Island, etc.

IDC 04 05:15:49.4±0.6, 51.59N, 174.72W, h0km, mb4.5/32, mb1 4.6/34, mb1mx4.5/60, mbtmp4.5/34, ML4.4/2, MS4.6/21, Ms1 4.6/21, ms1mx4.4/55, Error ellipse: s-maj=18.0km s-min=10.7km az=168.0

AEIC 04 05:15:52.2, 3.51, 41N, 0.06, 174.73W, 0.04, h11km, 3km, ML5.1, mb5.2/340(NEIC)

ISCJB 04 05:15:52.9, 0.1, 51.56N, 0.03, 174.65W, 0.02, h35km, mb4.7/108, MS4.7/33, Error ellipse: s-maj=4.6km s-min=1.8km az=178.4

MOS 04 05:15:53.1, 1.1, 51.64N, 174.75W, h33km, mb5.0/45, MS4.4/5, Error ellipse: s-maj=8.0km s-min=6.3km az=100.1

BUI 04 05:15:54.0, 0.52, 01N, 174.91W, h42km, mb5.1/53, mb5.4/23, Ms5.0/19, Ms7.4/9/19

GCMT 04 05:15:56.3, 0.4, 51.36N, 0.03, 174.91W, 0.06, h22km, 1km, MW5.3/87, Moment Tensor Solution, s20, c22, s87, c111; Duration: 1s1 Moment tensor: Scale 1017N;

Mn: 1.14±.12; Mw: 0.86±.07; Mo: 0.28±.06; Mo: 0.7±.09; Mw: 0.24±.03; Mw: 0.25±.09; Best double couple: Mn: 3.110x10^17, NP1: 7.103000, 364.00000°; 1.9200000°; NP2: 250.00000°, 326.00000°, 1.89.00000°; Principal axes: T: 1.4090, P1: 71.0000°, Azm: 342.0000°; N: -0.1960, P1: 0.0000°, Azm: 251.0000°; P: -1.2130, P1: 19.0000°, Azm: 161.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 05:15:56.2, 2.2, 51.57N, 0.07, 174.81W, 0.04, h45km, 3km, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 04 05:15:54.7, 0.3, 51.50N, 0.06, 174.77W, 0.03, h35km, n910, c13/77.4, mb5.1/253, MS4.8/33, 14C-4D,

Andean Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA Atka Island, KOPF Korovin Flat P, KOKL Mount Kluchef, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIKV Kanaga Island, TAPA Tanaga Point A, TAPF Tanaga Falls P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DIB Dawson Inlet, INK Inuvik, INK Inuvik, etc.

4d 5h

Table with columns: ID, Name, Value, Units, and other identifiers. Rows include Jette, Pearl Lake, Beckworth, Missoula, Pine Nut, Changchun, etc.

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Table with columns: ID, Name, Value, Units, and other identifiers. Rows include Paradox Valley, Red Feather La, Wupatki, Wupatki, Lac du Bonnet, Beijing, etc.

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Table with columns: ID, Name, Value, Units, and other identifiers. Rows include Wichita Mounta, Wichita Mounta, Mierka, Zalesovo Beam, Sault St. Mari, Suanglung, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details for stations in the 241 area.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details for stations in the 2013 SEP area.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details for stations in the 4d 5h area.

Table with multiple columns containing codes (e.g., X51A, V57A, CHTO), names (e.g., Calhoun, Coltrane Farms, Chiang Mai), numerical values (e.g., 63.79, 65.71), and various status indicators (e.g., P, I, L, M, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR Keskin Array B, HYB Hyderabad, BOM Bombay, etc.

NEIC 04 05:30:13.9.0.7, 51.20N.0.05:174.78W.0.03, h5km, 10km, earthModelID quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSIG Igitkin Island, ATKA Atka Island, KOPF Korovin Flat P, etc.

IDC 04 05:31:06.3.5.2, 29.60S.176.12W, h52km, 95km, mb3.8/2, mb1 4.0/3, mb1mx3.6/27, mbtmp4.0/3, ML3.5/1, Error ellipse: s-maj=44.5km s-min=23.0km az=54.0, Kermadec Islands region

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

MEX 04 05:37:50.5.1.0, 15.07N.93.03W, h56km, 28km, MD3.5, Near coast of Chiapas

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

ISC/JB 04 05:37:52.9.0.3, 12.46N.0.03:87.90W.0.03, h61km, 2km, mb4.0/10, Error ellipse: s-maj=5.7km s-min=2.7km az=42.4

NEIC 04 05:37:52.8.2.0, 12.48N.0.06:87.90W.0.06, h33km, 5km, mb4.4/6, Md4.7(SNET), earthModelID quakeml.us.anss.org/earthmodel/ak135

SNET 04 05:37:54.5.1.0, 12.52N.88.02W, h30km, 4km, ML4.7 UCR 04 05:37:58.9.1.9, 12.52N.87.47W, h46km, 30km, MW4.6 IDC 04 05:37:59.4.1.9, 12.63N.87.63W, h117km, 19km, mb3.6/10, mb1 3.9/14, mb1mx3.6/46, mbtmp4.1/14, MS3.3/1, Ms1 3.3/1, ms1mx3.1/40, Error ellipse: s-maj=29.7km s-min=11.4km az=50.0

ISC 04 05:37:53.4.0.9, 12.47N.0.05:87.89W.0.04, h56km, 9km, n250, e117/230, mb4.3/50, 3C-6D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNCH Conchagua, LCON La Caada, CRIN San Cristobal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MASN Masaya, OPAM Oficina de Pla, SNET Serv Nac Est T, etc.

JTS Las Juntas de 3.60 127 P Pn 05 38 52.9 +6.1 comp=Z, 108nm, 0.3s, baz=10, slow=17, SNR=91

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTS Las Juntas de, CEDE Laguna Cededo, ARE1 Arenal 1, etc.

SDV Santo Domingo 17.33 100 P Pn 05 41 50.8 -1.0 comp=Z, 2.9nm, 0.3s, baz=222, slow=5.3, SNR=42

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 453A Whigham, 353A Camilla, TIGA Tifton, etc.

147A Livingston 20.12 359 P Pn 05 42 25.5 +0.5 comp=Z, 2.2nm, 0.7s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 152A Waverly Hall, 152A Waverly Hall, LRAL Lakeview Retre, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like W50A Signal Mountai, W50A Signal Mountai, W51A Glenview, etc.

Table with columns: PV02, Paradox Valley, 31.66 328, P, P, 05 44 12.8 +1.1, etc. Includes various station names and coordinates.

Table with columns: MKAZ, Mowmakai, 17.44 199, P, P, 05 50 48.7 +1.9, etc. Includes station names like Mowmakai, AWAZ, etc.

Table with columns: MAW, Mawson, 81.42 200, P, P, 05 58 35.9 +0.2, etc. Includes station names like Mawson, Jerantut, etc.

MEX 04 05:39:47.4±0.6, 15.01°N, 91.72°W, h53km, 28km, MD3.8, Mexico-Guatemala border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like THIG, THIG, CGIG, etc.

MEX 04 05:42:09.2±1.0, 27.22°N, 112.30°W, h22km, 7km, MD3.8, ECX 04 05:42:06.4±0.4, 27.06°N, 112.25°W, h17km, 2km, MD3.3, 2C, Baja California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like SRIG, Santa Rosalia, GUAYM, etc.

BUJ 04 05:47:07.1±0.0, 20.55°S, 177.41°W, h467km, mb4.9/32, mB5.2/12, ISCHJB 04 05:47:11.6±0.2, 20.74°S, 0.03±177.87°W, 0.04, h500km, mb4.5/33, Error ellipse: s-maj=5.7km s-min=4.4km az=23.8, NEIC 04 05:47:12.0±2.3, 20.65°S, 178.0°W, 0.1, h500km, 4km, mb4.8/42, earthModelID quakeml: us.ans.org/earthmodel/ak135, IDC 04 05:47:12.4±0.6, 20.23°S, 177.981°W, 0.04km, 7km, mb4.0/18, MXZ mb1.4/121, mb1mx3.9/38, mb1mx4.8/21, Error ellipse: s-maj=14.6km s-min=8.8km az=156.0, ISC 04 05:47:11.8±0.3, 20.689°S, 0.06±177.88°W, 0.06, h500km, n223, 0.151/239, mb4.8/52, 25C-1D, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like NIUE, Niue, GLKZ, Green Lake, etc.

MEX 04 05:39:47.4±0.6, 15.01°N, 91.72°W, h53km, 28km, MD3.8, Mexico-Guatemala border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like THIG, THIG, CGIG, etc.

MEX 04 05:42:09.2±1.0, 27.22°N, 112.30°W, h22km, 7km, MD3.8, ECX 04 05:42:06.4±0.4, 27.06°N, 112.25°W, h17km, 2km, MD3.3, 2C, Baja California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like SRIG, Santa Rosalia, GUAYM, etc.

BUJ 04 05:47:07.1±0.0, 20.55°S, 177.41°W, h467km, mb4.9/32, mB5.2/12, ISCHJB 04 05:47:11.6±0.2, 20.74°S, 0.03±177.87°W, 0.04, h500km, mb4.5/33, Error ellipse: s-maj=5.7km s-min=4.4km az=23.8, NEIC 04 05:47:12.0±2.3, 20.65°S, 178.0°W, 0.1, h500km, 4km, mb4.8/42, earthModelID quakeml: us.ans.org/earthmodel/ak135, IDC 04 05:47:12.4±0.6, 20.23°S, 177.981°W, 0.04km, 7km, mb4.0/18, MXZ mb1.4/121, mb1mx3.9/38, mb1mx4.8/21, Error ellipse: s-maj=14.6km s-min=8.8km az=156.0, ISC 04 05:47:11.8±0.3, 20.689°S, 0.06±177.88°W, 0.06, h500km, n223, 0.151/239, mb4.8/52, 25C-1D, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like NIUE, Niue, GLKZ, Green Lake, etc.

MEX 04 05:39:47.4±0.6, 15.01°N, 91.72°W, h53km, 28km, MD3.8, Mexico-Guatemala border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like THIG, THIG, CGIG, etc.

MEX 04 05:42:09.2±1.0, 27.22°N, 112.30°W, h22km, 7km, MD3.8, ECX 04 05:42:06.4±0.4, 27.06°N, 112.25°W, h17km, 2km, MD3.3, 2C, Baja California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like SRIG, Santa Rosalia, GUAYM, etc.

BUJ 04 05:47:07.1±0.0, 20.55°S, 177.41°W, h467km, mb4.9/32, mB5.2/12, ISCHJB 04 05:47:11.6±0.2, 20.74°S, 0.03±177.87°W, 0.04, h500km, mb4.5/33, Error ellipse: s-maj=5.7km s-min=4.4km az=23.8, NEIC 04 05:47:12.0±2.3, 20.65°S, 178.0°W, 0.1, h500km, 4km, mb4.8/42, earthModelID quakeml: us.ans.org/earthmodel/ak135, IDC 04 05:47:12.4±0.6, 20.23°S, 177.981°W, 0.04km, 7km, mb4.0/18, MXZ mb1.4/121, mb1mx3.9/38, mb1mx4.8/21, Error ellipse: s-maj=14.6km s-min=8.8km az=156.0, ISC 04 05:47:11.8±0.3, 20.689°S, 0.06±177.88°W, 0.06, h500km, n223, 0.151/239, mb4.8/52, 25C-1D, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists stations like NIUE, Niue, GLKZ, Green Lake, etc.







Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like Belle Mtn. Jos, Camp Elliot, Needles Airpor, Iron Mountain, Monument Peak, Casper, Casper, Rawlins, Sam W. Stewart, U15A, SWSC, IKP, O20A, PDMCI, Y12C, RSSD, GLA, PV09, PV21, PV23, MDND, PV14, PV22, PV20, PV04, PV04, PV19, PV17, PV16, PV05, PV11, PV18, PV12, PV03, PV07, PV07, PV13, PV02, WU2A, WUAZ, WUAZ, PHWY, PV01, IRK, 113A, ULM, ULM, ULM, BJI, BJI, BJI, BJT, BJT, MVO, MVO, ISCO, ISCO, TLY, TLY, TLY, TLY, TLY, TLY, TLY.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like ULN, W18A, W18A, W18A, S22A, 214A, 214A, X18A, X18A, SONAO, SONM, SONM, SONM, SONM, ZAK, ZAK, ZAK, ZAK, JOW, SUSD, SUSD, SDCO, SDCO, MOY, MOY, OGNE, TAIAN, TAIAN, TAIAN, TAIAN, TUC, TUC, TUC, PATS, GUMO, GUMO, KBS, KBS, KBS, HHC, HHC, HHC, HHC, KSCO, KSCO, SPAO, SPAO, T25A, ANMO, ANMO, ANMO, Y22D, Y22D, ECSD, ECSD, ECSD, TARA, TARA, TARA, BTO, EYMN, EYMN, EYMN, EYMN, EYMN, NJ2, NJ2, NJ2, NJ2, NJ2, NJ2, XMAS, 121A, BGNE, BGNE, TIY, TIY, TIY, TIY, TIY, TIY, FRB.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like FRB, HSPB, E38A, E38A, SPMM, SPMM, CBKS, SRIG, C40A, C40A, C40A, C40A, SUMG, SUMG, SUMG, ILULI, G39A, D41A, D41A, D41A, MNTX, MNTX, MNTX, MNTX, G40A, G40A, G40A, AMTX, AMTX, AMTX, COWI, COWI, KSU1, KSU1, SCIA, SCIA, U32A, U32A, F42A, F42A, I41A, I41A, I41A, E43A, E43A, SFJD, SFJD, SFJD, T40A, T40A, E44A, JFWS, JFWS, L40A, L40A, NACB, WHN, WHN, WHN, WHN, WHN, H43A, H43A, WMOK, WMOK, WMOK, N40A, ZAA1, ZAA0, ZALV, ZALV, ZALV, LPIG, D46A, D46A, SSLB, F45A, YULB, M41A, L42A, E46A, XAN, XAN, XAN, XAN, XAN.

Table containing weather data for stations from XAN to JCT. Columns include station name, coordinates (comp-Z, height), and various weather parameters (LR, Iamb, P, S, etc.) with associated values.

Table containing weather data for stations from I48A to I49A. Columns include station name, coordinates (baz, SNR), and various weather parameters (P, Iamb, S, etc.) with associated values.

Table containing weather data for stations from BUKO to STEI. Columns include station name, coordinates (baz, SNR), and various weather parameters (P, Iamb, S, etc.) with associated values.





Table with columns for station call letters, frequency, and other technical details. Includes stations like 457A Yulee, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like PPT2, PPT2, PPT2, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like TBI Tubuai, TBI Tubuai, TBI Tubuai, etc.

Table with columns: KIS, KIShinev, 79.81 344, P, Pmax, 06 28 55.0 -0.8, etc. Lists various stations and their performance metrics.

Table with columns: BRNI, WRAB, WRA, WRA, WRA, WRA, etc. Lists various stations and their performance metrics.

Table with columns: KARP, PTBC, PTBC, BRRC, BRRC, MSFE, STKA, STKA, etc. Lists various stations and their performance metrics.





Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like I02D Swisshome, COR Corvallis, KEBM Edson Butte, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CMB Columbia Colle, CMB Columbia Colle, CN2 Changchun, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PFO comp=Z,4.6nm,0.9s, etc., PFO Pinyon Flats O, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TUC Tucson, KBS Kingsbay, GUMO Guam, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U32A Winter Ranch, F42A Maple Grove, I41A Arkdale, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G47A Hillman, E48A Lockeyer, MATO Matamoros, etc.



Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like S52A Salyersville, W49A Belvidere, I58A Old Forge, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ARU Arti, ARU comp=Z,36nm,0.8s, ARU comp=Z,9um,20.0s, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PAL Palisades, HRV Adam Dzewonski, HRV Adam Dzewonski, etc.





Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CRES Cresnjev, EFOR EFORIE, CTT Castel Tesino, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TIP Timpagrande, CODC Agustín Codazzi, CODC Agustín Codazzi, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like PTGA Pitinga, PTGA Pitinga, DAMY Dhamay, etc.

ISCJL 04 06:28:51.7d,0.5,1.8N:0.1x175.06W:0.09,h10km, mb4,9/32, Eror ellipse: s-maj=15.3km s-min=7.2km az=163.2

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

ICD 04 06:34:33.1 1.8, 51.49N:174.66W, h0km, mb4, 1/13, mb1 4.2/14, mb1mx4.0/59, mbtmp4.1/14, ML4.3/1, MS4.6/1, MS1 4.6/1, ms1mx4.1/64, Error ellipse: s-maj=50.3km s-min=21.1km az=169.0

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

Table with columns: USRK, JCJ, PDAR, ARCES, KURBB, MKAR, BVAR, FINES, NOA, AKASG, GERES, ESDC, LBTB, BOSA. Includes stations like Ussuriysk Arr, Chichijima, Pinedale Array, etc.

HEL 04 06:36:16.2 0.2, 63.16N:27.92E, h0km, ML1.6, 0.7m, 0.6s, bazz=38, slow=5.5, SNR=2.7

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

ISCJBJ 04 06:45:10.7 0.3, 11.42S:0.03, 118.36E:0.03, h28km, mb4, 9/9, Error ellipse: s-maj=4.8km s-min=4.0km az=34.4

ICD 04 06:45:10.0 1.0, 7.0, 3, 11.13S:118.41E, h0km, mb4, 4/9, mb1 4.4/12, mb1mx1.4/11, mbtmp4.5/12, ML4.5/3, Error ellipse: s-maj=22.5km s-min=16.4km az=65.0

NEIC 04 06:45:12.9 0.2, 7, 11.41S:0.07, 118.36E:0.07, h28km, 5km, mb4, 6/9, earthModelID quakeml:us.anss.org/earthmodel/ak135

DJA 04 06:45:12.0 0.4, 11.5, 3, 11.8E:1.0, h10km, M5.0/16, mb4, 9/9, mB5.8/4, MLV4.8/16, Mw(MB)5.4/4

ISC 04 06:45:12.5 0.5, 11, 13.8S:0.04, 118.43E:0.05, h26km, n62, 29.0/70, mb4, 5/9, South of Sumbawa

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

Table with columns: MAW, ZALV, ZAA1, PETK, PEAI, TIXI, KIP, TOR, TOA1, NV01, NVAR, BDFB, LPAZ. Includes stations like Mawson, Zalesovo Beam, etc.

MEX 04 06:47:34.9 0.9, 16.36N:97.92W, h14km, 8km, MD3.5, 0.7m, 0.6s, bazz=22, slow=1.0, SNR=6.8

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

IDC 04 06:52:09.1 1.0, 52.11N:174.93W, h0km, mb4, 1/18, mb1 4.2/20, mb1mx4.0/59, mbtmp4.0/20, ML3.7/2, Error ellipse: s-maj=29.1km s-min=13.9km az=175.0

ISCJBJ 04 06:52:10.8 0.5, 51.30N:0.08, 174.57W:0.04, h38km, mb4, 0/19, Error ellipse: s-maj=11.5km s-min=3.2km az=168.8

AEIC 04 06:52:12.1 8.5, 51.58N:0.07, 174.66W:0.04, h14km, 5km, ML3.7, mb4, 0.28(NEIC)

NEIC 04 06:52:13.6 0.2, 51.73N:0.07, 174.74W:0.05, h46km, 5km, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 04 06:52:12.5 0.7, 51.68N:0.10, 174.70W:0.04, h38km, n87, e1937/84, mb4, 1/21, Andreanof Islands

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

ETKA Kagalaska Isla 1.08 281 Pn 06 52 31.0 0.0

ADAG Mount Adagadak 1.22 285 Pn 06 52 34.2 +1.2

ADK Adak 1.32 284 Pn 06 52 33.0 -1.0

KIWB Kanaga Island 1.53 278 Pn 06 52 37.5 +0.2

KIKV Kanaga Island 1.55 279 Pn 06 52 38.0 +0.5

KICM Kanaga Island 1.57 280 Pn 06 52 38.5 +0.7

KIMD Kanaga Island 1.58 274 Pn 06 52 37.8 -0.2

KIMD Kanaga Island 1.58 274 Pn 06 52 38.0 +1.3

TAPA Tanaga Point A 1.94 275 Pn 06 52 43.5 +0.5

TAFP Tanaga Falls A 2.05 278 Pn 06 52 45.4 +0.9

TAFP Tanaga Falls A 2.05 278 Pn 06 53 10.0 +4.2

TASE Tanaga Southea 2.08 276 Pn 06 52 45.8 +0.9

NIKH Nikolski High 3.81 68 Pn 06 53 09.2 +1.3

UNLV Unalakleet 5.43 33 Pn 06 55 22.2 -1.4

KDAD Kodiak Island 14.13 56 Pn 06 55 26.1 -3.7

KDAD Kodiak Island 14.13 56 Pn 06 55 26.8 -2.9

RDUB Redoubt 15.02 46 Pn 06 55 40.8 -1.1

GNPM Great Sitkin I 1.92 294 Pn 06 55 44.8 +2.2

RC01 Rabbit Creek A 16.62 46 Pn 06 56 02.1 -0.3

RC01 Rabbit Creek A 16.62 46 Pn 06 56 15.5 -0.5

CAST Castle Rocks 16.78 37 Pn 06 56 06.0 -0.1

PEA1 Petropavlovsk 16.87 286 Pn 06 56 05.3 -0.2

PETK Petropavlovsk 16.87 286 Pn 06 56 05.3 -0.2

PETK Petropavlovsk 16.87 286 Pn 06 56 05.3 -0.2

SML Sawmill 17.53 44 Pn 06 56 12.4 -1.3

BPAW Bear Paw Mtn 17.57 36 Pn 06 56 15.4 +0.5

HINH Hinchinbrook I 17.88 50 Pn 06 56 19.3 +0.9

FID Port Fidalgo 18.00 49 Pn 06 56 16.1 -3.3

FID Port Fidalgo 18.00 49 Pn 06 56 31.3 -0.6

RND Reindeer 18.02 39 Pn 06 56 18.0 -1.7



4d 6h

Table with columns: Station Name, Azimuth, Phase ID, Time Res, and various data points for stations like LTX, TXAR, ARCES, etc.

IDC 04 06:54:13.2, 4.2, 4.1, 51.53N, 174.64W, h17km, 14km, mb4.7/4.3, mb1.4, 8/45, mb1mx4.759, mbtmp4.8/45, ML4.4/2, MS4.3/4, Ms1-4.3, ms1mx3.770, Error ellipse: s-maj=13.2km s-min=7.8km az=168.0

AEIC 04 06:54:14.1, 9.5, 51.37N, 0.02, 174.58W, 0.02, h14km, 3km MOS 04 06:54:14.3, 1.1, 51.57N, 174.61W, h33km, mb5.2/4.3, Error ellipse: s-maj=7.8km s-min=5.3km az=103.5

NEIC 04 06:54:15.6, 1.6, 51.46N, 0.04, 174.57W, 0.03, h31km, 2km, mb2.5/374, earthModelID: quakeml:us.anss.org/earthmodel/ak135

ISCJB 04 06:54:16.1, 0.3, 51.54N, 0.03, 174.53W, 0.02, h52km, 2km, mb5.0/125, Error ellipse: s-maj=4.8km s-min=1.9km az=178.1

BUI 04 06:54:17.8, 0.0, 52.02N, 175.27W, h42km, mb5.3/60, mb5.6/20, MS5.1/6

ISC 04 06:54:15.7, 0.7, 51.48N, 0.05, 174.59W, 0.03, h34km, 2km, n1159, 0.6/99/1183, mb5.1/289, 36C-6D, Andreanof Islands

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various data points for stations like ATKA, KOPF, KOKL, etc.

2013 SEP

Main table of station data with columns: SKR, pmax, pmax, and various data points for stations like SKR, SKR, SKR, etc.

Main table of station data with columns: LTY, Liberty, 34.69 75 P, P, 07 01 02.5 +0.4, and various data points for stations like LTY, Liberty, LTY, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NVAR, MDPB, BOZ, OMMB, ELK, YHB, YMR, YHH, FFC, VES, YPP, H17A, KSRX, KSRW, KSWB, KSWC, KSWD, KSWF, KSWG, KSWH, KSWI, KSWJ, KSWK, KSWL, KSWM, KSWN, KSWO, KSWP, KSWQ, KSWR, KSWT, KSWU, KSWV, KSWW, KSWX, KSWY, KSWZ, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MDND, MDDK, MDDP, MDDQ, MDDR, MDDS, MDDT, MDDU, MDDV, MDDW, MDDX, MDDY, MDDZ, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BGNE, NJ2, NJ3, E38A, E38B, E38C, SPMM, CBKS, CBKS, SUMC, SUMD, SUME, SUMF, SUMG, SUMH, SUMI, SUMJ, SUMK, SUML, SUMM, SUMN, SUMO, SUMP, SUMQ, SUMR, SUMS, SUMT, SUMU, SUMV, SUMW, SUMX, SUMY, SUMZ, etc.



Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Hartselle, Leroy, Old Forge, Marion Center, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Murphy, Lewisburg, Rockport, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Kings Mountain, Weston, GOGA, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TKM2 Tokmak 2, BOOM Boomskeye usch, ULHL Ulahol, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DANN Dangsing, UMPA Umpang Tak, UTHA Uthaitani, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BZS Buzias, BLS Buzias, TLB Topalu, etc.

IDC 04 06:58:53.9±1.9, 1.74N, 125.44E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/39, mbtmp3.7/4, ML3.8/1, Error ellipse: s-maj=124.0km s-min=24.6km az=68.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ROM 04 07:03:02 7.0, 2.44:900N:0.004:11:259E:0.008, h10km, ML3.3/55, Error ellipse: s-maj=0.5km s-min=0.4km az=323.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SERM Sermidie, SERM Sermidie, SERM Sermidie, etc.





Table with columns: UBR, SBF, WILA, WJochberg, SMPLO, SOKA, MBDF, LGP, LPL, LUR, BALST, MOA, BERGE, ARSA, ORIF, KIZ, KIZANT, CHMF, BFO, CABF, MOF, GQ35, SMRF, HINF, GEC2, ECH, CONA, WET, CDF, KHC, KHC, KHC, HAV, VIVF, LASF, SFTF, KRUC, SMF, LOR, VRAC, AVF, JAVC, BG, VYHS, HYF, MORC. Includes station names, codes, and various parameters.

Table with columns: TCF, GIVF, WEL, Code, CMWZ, BSWZ, TUWZ, BHW, NNZ, KHZ, MSWZ, CAV, THZ, DUWZ, PAWZ, MTW, TRWZ, OGWZ, HWZ, TMWZ, GVZ, MRZ, QWZ, PRZ, LNZ, MZ, MOZ, VZ, BHZ, KRHZ, WUZ, TUWZ, KAHZ, WVZ, MCHZ, RPZ, BKZ, HIZ, TLZ, FZ, JZC, PGC, Code, HG4B, HOLB, HG3B, BNB, BBA, BPBC, PHC, MAYB, MIOC, TLBC, DIB, EDB, WOSS, MCRB, GDR, RUBB, CBB, TXB, MGB, UBRB, FSB, IDC, ISCJB, AEIC, NEIC, ISC, Code, ATKA, KOPF, KOKL, KOSE, GSMY, GSTR, GSTD, ETKA, ADAG, ADK, KIWB, KIKV, KIMD, TAPA, TAFP, TASE, KDAK, ILAR, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, PDAR, KURB, MKAR. Includes station names, codes, and various parameters.

Table with columns: IDC, ISCJB, AEIC, NEIC, ISC, Code, ATKA, KOPF, KOKL, KOSE, GSMY, GSTR, GSTD, ETKA, ADAG, ADK, KIWB, KIKV, KIMD, TAPA, TAFP, TASE, KDAK, ILAR, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, PDAR, KURB, MKAR. Includes station names, codes, and various parameters.



4d 7h

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DLBC Dease Lake, HLBC Dease Lake, H1N2 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, PLAI Plampang, BKSI Bulukumba, etc.

IDC 04 07:35:03.1-1.4, 12.86N-145.48E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/4, mbtmp3.4/3, Error ellipse: s-maj=41.9km s-min=20.9km az=82.0, South of Mariana Islands

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

IDC 04 07:42:19.6-0.9, 51.78N-174.60W, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPAD Paradox Valley, PV10 Paradox Valley, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, PLAI Plampang, BKSI Bulukumba, etc.

IDC 04 07:42:22.7-0.3, 51.48N-174.54W, h0.03, h35km, mb4.0/22, MS4.2/1, Error ellipse: s-maj=7.3km s-min=2.9km az=171.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA Atka Island, ATKA Atka Island, KOPF Korovin Flat, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBS Kingsbay, HU Hu-ho-te, SPAD Paradox Valley, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, PLAI Plampang, BKSI Bulukumba, etc.

IDC 04 07:42:24.1-0.5, 51.49N-174.63W, h0.03, h26km, 5km, ML3.8, mb4.3/9, NEIC 04 07:24:25.2-4.1, 51.59N-174.68W, h0.06, h32km, 6km, earthModelID/qaekm/us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA Atka Island, ATKA Atka Island, KOPF Korovin Flat, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMS Kungming, KMI Kungming, NB2 NORSAR Subarra, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, PLAI Plampang, BKSI Bulukumba, etc.

IDC 04 07:42:24.1-0.5, 51.49N-174.63W, h0.03, h26km, 5km, ML3.8, mb4.3/9, NEIC 04 07:24:25.2-4.1, 51.59N-174.68W, h0.06, h32km, 6km, earthModelID/qaekm/us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA Atka Island, ATKA Atka Island, KOPF Korovin Flat, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMS Kungming, KMI Kungming, NB2 NORSAR Subarra, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, PLAI Plampang, BKSI Bulukumba, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLY Manlie, DHY Denali Highway, CCB Clear Creek, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMS Kungming, KMI Kungming, NB2 NORSAR Subarra, etc.

IDC 04 07:52:44.0-0.6, 35.05S-152.00E, h0km, mb4.1/21, mb1 4.2/24, mb1mx4.1/6, mbtmp4.1/24, ML3.9/3, MS4.2/1, Ms1 4.2/1, ms1mx3.3/38, Error ellipse: s-maj=28.7km s-min=11.7km az=180.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, PLAI Plampang, BKSI Bulukumba, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URJ, URZ, OHinespanea, MARZ, etc.

ASRS 04 08:11:01.3, 53.75N-91.05E, M3.0, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RA8, 224p + CD-ROM, 2014)

NCC 04 08:11:07.2, 53.71N-90.25E, h0km, mb3.7, mpv3.4, 8C-3D, Error ellipse: s-maj=16.4km s-min=11.9km az=58.0, Suspected Mining explosion., Southwestern Siberia

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAKZ, MAKZ, MEX 04 08:13:38.9, etc.

IDC 04 08:16:49.1, 0.5, 51.61N, 174.93W, h0km, mb4.3/29, mb1.4, 5.3/0, mb1mx4.4/46, mbtmp4.3/30, ML4.8/1, MS3.5/2, MS1.3/5/2, ms1mx3.2/48, Error ellipse: s-maj=18.7km s-min=10.2km az=176.0

BJJ 04 08:16:50.6, 0.0, 51.67N, 174.90W, h25km, mb4.9/20, m85.1/21, Ms4.6/7, Ms7.4/4.8

MOS 04 08:16:52.8, 1.1, 51.69N, 174.89W, h33km, mb4.7/28, Error ellipse: s-maj=9.2km s-min=7.7km az=85.3

NEIC 04 08:16:53.1, 1.8, 51.42N, 0.05:174.84W, 0.03, h25km, 5km, earthModelID quakeml.us.ans.org/earthmodel/ak135

ISC 04 08:16:54.0, 1.4, 51.50N, 0.05:174.82W, 0.03, h54km, 3km, mb4.4/5.1, MS4.3/4, Error ellipse: s-maj=7.8km

ISC 04 08:16:54.0, 1.4, 51.50N, 0.07:174.84W, 0.03, h34km, 8km, m616, 0.9/0.560, mb4.7/117, MS4.5/4, 6C-2D, Andreanof Islands

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SEW, SEW, RC01, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GLB, GLB, IL31, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like B05A, B05A, B05A, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like I02D, I02D, I02D, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H11N2, H11N2, H11N2, etc.

4d 8h

Table with columns for station name, frequency, power, and status. Includes stations like NVAR, BOZ, YHB, FFC, etc.

2013 SEP

Table with columns for station name, frequency, power, and status. Includes stations like JFWS, L40A, WHN, I42A, etc.

Table with columns for station name, frequency, power, and status. Includes stations like H52A, ALGO, E54A, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, M, Max, Az, El, Az, El, Az, El, Az, El. Includes stations like MKAR Makanchi Array, H57A Richville, R50A Richmond, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, M, Max, Az, El, Az, El, Az, El, Az, El. Includes stations like ARU Arti, ARU Arti, ARU Arti, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, M, Max, Az, El, Az, El, Az, El, Az, El. Includes stations like T59A Double 'B' Far, V58A Windy Hill, U59A Littleton, etc.

Code Station Name Az El P S M Max Az El Az El Az El Az El
ATKA Atka Island 0.78 29 P Sb 08 22 40.0 -0.5
ATKA Atka Island 0.78 29 P Sb 08 22 50.6 -0.4
KOPF Korovin Flat P 0.87 30 P Pn 08 22 42.2 +0.4
KOKL Mount Kluchef 0.89 25 P Pn 08 22 42.1 +0.4
GSMY Great Sitkin M 0.94 304 P Pn 08 22 43.1 +0.4
KOSE Korovin South 0.95 29 P Pn 08 22 43.5 +0.7
GSTR Great Sitkin T 0.97 307 P Pn 08 22 44.1 +0.2
GSTD Great Sitkin T 0.99 303 P Pn 08 22 44.0 +0.6
GSTD Great Sitkin T 0.99 303 P Pn 08 22 47.8 +1.4
ETKA Kagalaska Isla 1.05 289 P Pn 08 22 44.2 -0.0
ADAG Mount Adagadk 1.21 293 P Pn 08 22 47.5 -0.4
ADK Adak 1.23 288 P Pn 08 22 46.8 +0.3
ADK Adak 1.23 288 Pn Sn 08 23 02.6 +0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIWB, KIKV, KIMD, Tanaga Point A, etc.

PGC 04 08:22:29.1.3, 2.51109N-130.45W, h10km, ML3.0/13, Mw3.6/13, 199km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands Region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HG4B, H0LB, H0LB, etc.

IDC 04 08:37:08.2.2.2, 51.61N-174.78W, h0km, mb3.3/3, mb1.3.7/5, mb1mx3.5/37, mbmp3.4/5, ML3.6/2, Error ellipse: s-maj=0.9km s-min=0.9km az=2.0

NEIC 04 08:37:13.7.1.0, 51.52N-174.79W, h0.02, h35km, 100km, earthModelID quakeml.us.anss.org/earthmodel/ak135

AEIC 04 08:37:13.0.0.5, 51.52N-174.81W, h0.03, h34km, 7km, ML3.1

ISC 04 08:37:11.2.1.9, 51.46N-174.82W, h0.04, h18km, 8km, n0.0, f101.30, mb3.23, Andreanof Islands

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

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

MAN 04 08:47:53.0, 11.65N-125.36E, h23km, mb4.0, ML2.8, MS2.4, 1C, Samar

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

ISCJB 04 08:51:36.0.0.3, 67.18N-102.2073E, h0.06, h0km, Error ellipse: s-maj=3.6km s-min=2.6km az=22.5

IDC 04 08:51:37.0.0.9, 67.19N-102.94E, h0km, mb1.3/0.4, mb1mx2.9/45, mbmp3.0/4, ML2.3/4, Error ellipse: s-maj=15.3km s-min=6.6km az=115.0

HEL 04 08:51:37.4.0.0, 67.18N-102.71E, h0km, ML2.0, ML2.6 (UPP), Explosion

NAO 04 08:51:37.1.0.9, 67.14N-102.96E, ML2.5

ISER 04 08:51:39.7.3.1, 67.16N-102.85E, h0km, ML1.6, Suspected explosion

BCR 04 08:51:36.2.0.7, 67.13N-102.2073E, h0km, n43, f150/72, Sweden

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

SGF Sodankylä 2.27 80 ePb Pb 08 52 17.3 -0.7

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

ISC 04 09:01:54.0.0.3, 33.81S-070.56E, h1.1, h12km, mb4.0/10, MS3.6/0, mb3.0/10, Error ellipse: s-maj=12.9km s-min=10.4km az=166.3

IDC 04 09:01:54.0.0.3, 33.83S-66.46E, h0km, mb4.1/10, mb1.4/2.1, mb1mx4.0/51, mbmp4.1/11, ML3.6/4, Ms1.3.6/4, ms1mx3.3/32, Error ellipse: s-maj=27.5km s-min=22.5km az=49.0

NEIC 04 09:01:56.1.1.6, 33.8S-070.56E, h1.0, h10km, 2km, mb4.3/13, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 04 09:01:56.0.0.6, 33.8S-070.56E, h1.0, h12km, n53, f084/45, mb4.2/14, MS3.4/0, Southwest Indian Ridge

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

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

ISK 04 08:57:59.9.38, 14N-38.25E, h18km, 1km, ML1.4/4, DDA 04 08:57:59.6.38, 08N-38.26E, h7km, 3km, ML2.8, Error ellipse: s-maj=5.8km s-min=4.9km az=135.8

ISCJ 04 08:58:01.0.0.6, 38.13N-03.36E, h0.04, h4km, gkm, Error ellipse: s-maj=5.8km s-min=4.9km az=135.8

ISC 04 08:58:00.3.1.4, 38.10N-07.38E, h0.04, h13km, 12km, n9.0, f83/15, Turkey

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

comp=Z, 0.3m, 0.3s, baz=348, slow=20, SNR=4.2

comp=Z, 0.5m, 0.3s, baz=348, slow=26, SNR=4.4

NOARSAR Array B 7.39 219 Pn Pn 08 53 26.1 +0.9

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.0 +1.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.0 +1.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

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NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

NOARSAR Array S 7.58 216 Pn Pn 08 53 29.4 +0.2

Table listing seismic stations and their parameters. Columns include station name (e.g., LSZ, MAW, SNA), location (e.g., Lusaka, Alice Springs), and various technical specifications like SNR, depth, and time.

ISC 04 09:11:54.3.1.6.51.77Nk:174.99W, h0km, mb3.8/6, mB4.5/59, Error ellipse: s-maj=4.2km s-min=3.4km az=139.3

Table listing seismic stations and their parameters. Columns include station name (e.g., ATKA, UTM, KOKL), location (e.g., Atka Island, Korovin Flatop), and various technical specifications like SNR, depth, and time.

mb4.5/59, Error ellipse: s-maj=4.2km s-min=3.4km az=139.3 NEIC 04 09:11:57.6.1.4.2.79N:0.02:98.98E:0.04, h161km,4km, mb4.8/107, earthModelID quakeml:us.anss.org/earthmodel/ak135

Main table listing seismic stations and their parameters. Columns include Code, Station Name, Az, Az\*, Phase ID, Time, Res, ISC, and other technical details for stations like Prapat, Rantau Prapat, Kotacaneh, etc.

Main table listing seismic stations and their parameters. Columns include station name (e.g., GYA, HYB, PSAC), location (e.g., Guiyang, Hyderabad), and various technical specifications like SNR, depth, and time.

BUJ 04 09:11:52.9.0.0.2:36N:99.04E, h166km, mb4.7/40, mB4.8/20 ISCJB 04 09:11:56.8.0.2.2:79N:0.02:99.00E:0.02, h168km,2km,

4d 9h

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

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FINES FINESS Array B, NIE Niedzica, NIE Podgorica, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZIIG Zihuatanejo, ZIIG Puente Sto Nin, etc.

SJA 04 09:15:29.2±0.8, 17:54S×70:11W, h123km±8km, ML3.7, MW3.4, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PB16 IPOC Station P, PB12 IPOC Station P, etc.

MAN 04 09:16:29.0±0.3, 18:14N-120:47E, h29km, mb4.3, ML3.2, MS2.9, L1, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ABRA Collores, APVP Dolos Caves, etc.

MOS 04 09:16:26.6±0.9, 51:51N×174:85W, h23km, mb5.1/4.3, Error ellipse: s-maj=8.4km s-min=5.9km az=103.1

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MOS 04 09:16:29.5±1.6, BJJ 04 09:16:28.0±0.6, etc.

ISC 04 09:16:28.0±0.6, 51:39N×174:83W±0:03, h27km±3km, MS1.78, MS4.8/188, MS4.8/188, MS4.1/25, COC-8D, Andronof Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GSIG Igitin Island, ATKA Atka Island, KOFP Korovin Flat P, etc.

KDAD 2.8m, 0.3s, bazz=212, slow=5.2, SNR=72

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KDAD 2.8m, KDAD 14.36 55 Pn, etc.

MEX 04 09:13:53.0±0.6, 17:22N×101:19W, h30km, MD3.7, Near coast of Guerrero

Table with columns: SML, Sawmill, 17.79, 44, eP, Pn, 09 20 33.0 -1.3, etc. Rows include Sawmill, Bear Paw Mtn., Glaciers Island, etc.

Table with columns: KLR, Kul'dur, 33.56 286c, P, Pmax, 09 23 05.8 -0.3, etc. Rows include Cinebar, Longmire, Amboy, etc.

Table with columns: DLMT, McKenzie Canyon, 40.80, 74, P, P, 09 26 09.2 +1.2, etc. Rows include McKenzie Canyon, Ryan, Kaiserville, etc.



Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U15A North Rim, IKP In-Ko-Pah, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BGNE Belgrade, HSPB Hornsund, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H48A Harrisville, CCM Cathedral Cave, etc.

Table with columns for ID, Name, Date, Time, and other metrics. Includes entries like 048A Farmland, N49A Columbus Grove, N49A Columbus Grove, N49A Columbus Grove, SADO Sadowa, G53A Haliburton, etc.

Table with columns for ID, Name, Date, Time, and other metrics. Includes entries like 052A Adamsville, G57A Newington, T49A Edmonton, T49A Edmonton, N53A Lisbon, etc.

Table with columns for ID, Name, Date, Time, and other metrics. Includes entries like Q54A Cocks Mills, Q54A Cocks Mills, G60A Maxwellville, F61A St Evariste, K58A Earlville, etc.

Table with columns for station codes (e.g., N60A, Q58A, R57A), station names (e.g., Cedar Hill Far, Fox Den Farm, Stansville), coordinates, and performance metrics.

Table with columns for station codes (e.g., V59A, Z56A, Y57A), station names (e.g., Middlesex, Williston, Sumter), coordinates, and performance metrics.

Table with columns for station codes (e.g., CMAR, GAR, BSD), station names (e.g., Chiang Mai Arr, Garm, Bornholm Skovb), coordinates, and performance metrics.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WTTA Wattenberg, SQTa Sankt Quirin, TLCR KLBKA, etc.

MEX 04 09:21:22.5:0.7, 13.67N:92.79W, h16km, 75km, MD4.0
CGC 04 09:21:28.1:0.4, 15.89N:91.89W, h36km, 99km, MD4.0
ISC 04 09:21:29.3:1, 13.88N:0.10:92.80W:0.06, h10km, 15km,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like THIG, STG3, FUG, etc.

ISK 04 09:37:29.0, 38.88N:37.86E, h2km, ML.1, 9/3
DDA 04 09:37:29.6, 38.92N:37.74E, h7km, 3km, ML2.9
ISCJB 04 09:37:30.3:0.5, 38.89N:0.03:37.80E:0.04, h7km, 5km,

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

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

NNC 04 09:39:09.8:3.9, 51.77N:75.63E, h0km, mb3.6, mpv3.3,
7C-4D, Error ellipse: s-maj=35.7km s-min=11.2km
az=172.0, Suspected Mining explosion., Eastern

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

JMA 04 09:39:27.7:0.1, 24.06N:121.67E, h0km, M2.9
ISCJB 04 09:39:28.5:0.3, 24.08N:0.01:121.70E:0.02, h4km, 2km,
Error ellipse: s-maj=2.5km s-min=1.4km az=26.6

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

TAP 04 09:39:28.8, 24.09N:121.66E, h8km, ML3.3, C
ISC 04 09:39:28.8:0.8, 24.08N:0.01:121.68E:0.02, h10km, 5km,

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

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



Table with columns for call sign, name, frequency, power, mode, and other details. Includes call signs like TIXI, GSC, H1N1, etc., and names like Jordanelle, Shoshone, Teco, etc.



Table with columns: ID, Name, comp-Z, 19nm, 0.8s, SNR, 63, P, P, 10 13 51.5 -0.4

Table with columns: ID, Name, comp-Z, 21nm, 1.0s, SNR, 66, P, P, 10 13 58.5 -0.5

Table with columns: ID, Name, SNR, 67, P, P, 10 14 09.0 -0.5



4d 10h

Table with columns for station call signs (e.g., ENH, KURK, SVE), frequencies, and various signal quality metrics (e.g., SNR, SNR=28, SNR=40).

2013 SEP

Table with columns for station call signs (e.g., KSH, LSA, BTK, AKASG), frequencies, and various signal quality metrics (e.g., SNR, SNR=12, SNR=19).

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Table with columns for station call signs (e.g., BURAR, NIL, PSZ, LUWI, MOA, CSK), frequencies, and various signal quality metrics (e.g., SNR, SNR=8.4, SNR=44).



4d 10h

2013 SEP

Table listing various stations and their performance metrics for 4d 10h. Includes columns for station ID, name, and numerical values.

Table listing various stations and their performance metrics for 2013 SEP. Includes columns for station ID, name, and numerical values.

Table listing various stations and their performance metrics for 2013 SEP. Includes columns for station ID, name, and numerical values.



4d 11h

Table of astronomical observations for 4d 11h, listing stations (e.g., DWPF, BVAO, KLMR), station names, coordinates, and various parameters like SNR and magnitude.

2013 SEP

Main table of astronomical observations for 2013 SEP, listing stations (e.g., DRGR, PYUN, DAVOX), station names, coordinates, and various parameters like SNR and magnitude.

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Table of astronomical observations for 290, listing stations (e.g., YOJ, YOJ, EOST), station names, coordinates, and various parameters like SNR and magnitude.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YM01, TYC, YM05, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PNG Penghu, VCHM Qinet, etc.

IDC 04 11:08:52.3,2.4,6.31S:146.92E,h128km,20km,mb3.7/3, mb1 3.8/6,mb1mx3.4/4.3,mbtmp4.2/6,MS3.0/1,Ms1 3.0/1, s-min=20.5km az=98.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PMG Port Moresby, CTA Charters Tower, etc.

IDC 04 11:14:12.1,1.3,5.53:75N-165.11W,h0km,mb3.8/10, mb1 4.0/13,mb1mx3.7/6.5,mbtmp3.8/13,ML3.7/3,MS3.4/3, Ms1 3.4/3,ms1mx2.6/5.8,Error ellipse: s-maj=27.3km s-min=18.0km az=20.0

ISCJB 04 11:14:13.5,1.3,5.53:59N,0.04:164.69W,0.04, h21km,11km,mb3.8/9,MS3.4/3,Error ellipse: s-maj=7.4km s-min=3.5km az=179.0

AEIC 04 11:14:16.5,1.6,5.53:61N,0.08:164.91W,0.05,h54km,7km, ML3.9,mb4.1/8(NEIC)

ISC 04 11:14:15.0,0.8,5.53:59N,0.08:164.75W,0.04,h20km,5km, n89,0.142/90,mb4.2/12,MS3.4/3,Unimak Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like AKSA Akutan Strait, AKUT Akutan, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like COR Corvallis, YBH Yreka Blue Hor, etc.

IDC 04 11:21:43.8,1.0,5.1:42N-174.73W,h0km,mb3.8/13, mb1 3.9/15,mb1mx3.8/7.0,mbtmp3.8/15,ML3.1/2,MS3.1/3, Ms1 3.1/3,ms1mx2.6/5.8,Error ellipse: s-maj=29.6km s-min=16.4km az=5.0

NEIC 04 11:21:45.7,1.9,5.1:37N,0.04:174.50W,0.03,h10km,1km, mb4.0/15,earthModel/ak135

ISCJB 04 11:21:48.0,0.5,5.1:47N,0.06:174.48W,0.05,h38km, mb3.8/13,MS3.2/2,Error ellipse: s-maj=8.6km s-min=4.2km az=176.5

ISC 04 11:21:49.5,0.7,5.1:46N,0.09:174.55W,0.05,h38km,n69, 0.128/71,mb3.9/15,Andreasof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ATKA Atka Island, GSTR Great Sitkin T, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKM2, PDGK, AAK, KK31, etc.

ISCJB 04 11:50:07.0, 8.38, 110N, 0104, 42.91E, 0.05, h10km, Error ellipse: s-maj=0.0km, s-min=5.9km, az=28.5

ISK 04 11:50:07.3, 38, 11N, 42.85E, h4km, 1km, ML2.5/4

DDA 04 11:50:08.6, 38, 11N, 43.04E, h7km, 4km, ML2.5

ISC 04 11:50:08.0, 1.1, 38, 11N, 0104, 42.92E, 0.06, h10km, n10, 0.087/14, Turkey

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

IDC 04 12:04:07.0, 0.8, 81, 146S, 174.43E, h0km, mb4.3/7, mb1.4, 4/9, mb1mx4.3/23, mbtmp4.3/9, ML4.1/2, MS3.9/11, Ms1.3, 9/11, ms1mx3.7/26, Error ellipse: s-maj=25.9km, s-min=14.6km, az=128.9

BJJ 04 12:04:08.7, 0.4, 43S, 174.52E, h11km, mb5.1/2, mb5.2/1, Ms4.7/3, Ms7.4/6/2

ISCJB 04 12:04:10.3, 0.3, 41, 59S, 0102, 174.43E, 0.03, h29km, 2km, mb4.4/9, MS4.0/16, Error ellipse: s-maj=4.4km, s-min=2.3km, az=142.1

WEL 04 12:04:10.6, 41, S, 1, 17.4E, h1, 3km, 3km, Ms0.0/15, ML5.4/13, MLV5.0/15, Error ellipse: s-maj=0.0km, s-min=0.0km, az=121.2

ISC 04 12:04:10.2, 1.1, 41, 51S, 0102, 174.43E, 0.02, h17km, 6km, n219, 0.129/229, mb4.6/16, MS3.9/16, Cook Strait

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNZO, CMWZ, TCW, BHW, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWVZ, MQZ, KWHZ, AKCZ, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI, MAW, MAW, PMSA, HLP, etc.

IDC 04 12:09:32.0, 1.1, 0, 23.9S, 175.91W, h301km, 123km, mb2.9/4, mb1.3, 2/5, mb1mx3.0/24, mbtmp3.7/5, Error ellipse: s-maj=52.3km, s-min=29.7km, az=174.0, Tonga Islands region

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

ISCJB 04 12:23:01.8, 1.5, 15, 3N, 01, 92.3W, 0.1, h163km, 11km, Error ellipse: s-maj=23.4km, s-min=7.7km, az=44.6

MEX 04 12:23:02.7, 0.9, 15, 33N, 92.21W, h173km, 65km, MD3.8

GCG 04 12:23:04.0, 0.4, 15, 35N, 92.00W, h151km, 31km, MD4.0

ISC 04 12:23:01.6, 2.2, 15, 3N, 01, 92.2W, 0.1, h168km, 16km, n7, 0.071/13, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG, STG3, CCIG, etc.

ISCJB 04 12:25:12.6, 0.3, 36, 47N, 01, 02, 4, 71W, 0.02, h77km, 4km, Error ellipse: s-maj=3.4km, s-min=2.7km, az=160.1

CNRM 04 12:25:13.4, 36, 42N, 4, 78W, h80km, ml2.2

SFS 04 12:25:14.0, 36, 38N, 4, 70W, ML3.8, ALBORAN OESTE

MDD 04 12:25:15.0, 0.6, 36, 42N, 4, 68W, h54km, 4km, mb3.6/16, Error ellipse: s-maj=6.8km, s-min=4.3km, az=151.0, PRXIMO

INMG 04 12:25:15.2, 1.4, 36, 48N, 4, 73W, h59km, 5km, ML2.4, Error ellipse: s-maj=3.3km, s-min=3.0km, az=135.0

IGIL 04 12:25:15.3, 36, 38N, 4, 70W, h85km, ml2.8

ISC 04 12:25:13.1, 2, 36, 44N, 01, 02, 4, 67W, 0.03, h72km, 6km, n57, 0.153/106, 6C-4D, Strait of Gibraltar

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





Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VVDT, YHNB, TDCB, CHKT, JKRS, SSSL, SMLT, etc.

PGC 04 12:44:03.8±1.5, 51.05N×130.48W, h10km, ML.SN3.1/20, Mw3.7/26.205km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HG4B, HOLB, BNB, etc.

PGC 04 12:47:37.8±1.5, 51.06N×130.51W, h10km, ML.SN3.1/26, Mw3.7/26.205km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HG4B, HOLB, BNB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like B928, MGB, SHB, etc.

ISC/JB 04 12:55:10.8±0.6, 7.09S×129.78E, h100km, mb3.9/5, Error ellipse: s-maj=11.1km s-min=6.7km

IDC 04 12:55:13.7±1.7, 7.05S, 129.69E, h112km±17km, mb3.7/5, mb1.3/10, mb1mx3.6/31, mbmp4.1/10, Error ellipse: s-maj=20.3km s-min=12.5km az=100.0

ISC 04 12:55:13.1±0.8, 7.06S×129.77E, h110km, mb3.9/5, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SIJI, BATI, FITZ, WRA, ASAR, STKA, etc.

MAN 04 12:58:22.2, 7.04N×124.16E, h32km, mb4.2, ML3.0, MS2.7, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKMP, PAGZ, DDMF, etc.

TAP 04 13:21:09.1, 24.41N, 121.66E, h22km, ML1.6, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ENA, NANB, NANT, NDT, etc.

JMA 04 13:21:39.1±0.1, 24.07N×123.49E, h23km±2km, M1.1, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HATJ, IRIF, IKRS, etc.

IDC 04 13:24:53.7±1.9, 52.22N, 175.00W, h0km, mb3.3/5, mb1.3/7.8, mb1mx3.6/35, mbmp3.6/8, ML2.3, MS2.7/1, Ms1.2/7.1, ms1mx2.3/27, Error ellipse: s-maj=5.17km s-min=2.31km az=2.0

ISC/JB 04 13:24:55.6±0.8, 51.55N×108.174W, h0.06, h35km, mb3.3/5, MS2.5/1, Error ellipse: s-maj=12.0km s-min=4.9km az=168.6

AEIC 04 13:24:55.0±0.9, 51.53N×108.06, 174.85W, h0.04, h34km±7km

ML3.2 NEIC 04 13:24:56.0±1.1, 51.6N×107.173W, h0.08, h38km, 64km, earthModel4 quakeml.us.anss.org/earthmodel/ak135

ISC 04 13:24:57.2±1.0, 51.7N×107.17489W, h0.05, h35km, n30, c1947/28, mb3.3/5, Andreean Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ATKA, ADAG, ADK, etc.

SNET 04 13:39:25.3±0.9, 13.75N×90.68W, h89km, 9km, MD3.2, GCG 04 13:39:27.0±2.5, 13.58N×90.83W, h30km, 8km, MD3.6

ISC 04 13:39:29.3±2.1, 13.3N×90.86W, h0.09, h29km, n9, c099/12, 1C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IXC, FUG, SBL, etc.

NORS 04 14:09:57.4±0.0, 42.35N×43.75E, h10km, MPVA3.3, TIF 04 14:09:57.9, 42.42N×43.56E, h13km±1km

ISC 04 14:09:57.5±1.5, 42.37N×0.0443.61E, h0.06, h6km±12km, n8, c1907/16, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ONI, TKB, ZEI, etc.

ISK 04 14:15:06.6, 40.91N×42.59E, h9km, ML2.2/4, DDA 04 14:15:06.4, 40.87N×42.61E, h7km±1km, ML2.8

ISC 04 14:15:06.5±1.5, 40.89N×0.0442.59E, h0.04, h6km±15km, n11, c054/18, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SENK, ARTV, EPOS, etc.

ISC 04 14:18:28.3±1.0, 50.26N×0.05×18.90E, h0.04, h0km, n7, c053/20, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHZP, OJC, MOR, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SPITS Spitsbergen Ar, JMJC Jan Mayen, BORB Borgas, H11N2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HG4B Hotspring, HG4E Holberg, HG3B Hotspring, etc.

IDD 04 15:30:00.2, 1.0, 48.07N; 172.71W, h0km, mb3.2/2, mb1 3.0/4, mb1mx3.8/5.0, mbtmpp3.7/4, ML3.6/1, MS4.0/1, MS1 4.0/1, ms1mx2.8/1.5, Error ellipse: s-maj=265.6km s-min=32.1km az=161.0

ISC/JB 04 15:30:23.6; 1.2, 51.20N; 0.08; 174.48W; 0.0, h38km, mb3.6/1, MS3.9/1, Error ellipse: s-maj=12.6km s-min=6.7km az=160.4

NEIC 04 15:30:25.9; 1.1, 51.3N; 0.1; 174.58W; 0.09, h45km, 78km, earthModellD quakeml.us.anss.org/earthmodellak135

AEIC 04 15:30:25.0; 7.51; 35N; 0.04; 174.64W; 0.03, h26km, 4km, ML3.0

ISC 04 15:30:26.1; 1.7, 51.3N; 0.1; 174.53W; 0.07, h38km, n17, r1539/20, Andreonof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATKA Atka Island, KOKL Korovin Flat P, KOKL Mount Kluecher, etc.

IDD 04 15:34:57.9; 1.0, 8.72N; 93.86E, h0km, mb4.0/1/2, mb1 4.1/13, mb1mx3.8/5.0, mbtmpp4.0/13, ML3.5/4, MS1 3.5/4, ms1mx2.9/43, Error ellipse: s-maj=29.4km s-min=23.7km az=66.0

ISC/JB 04 15:35:00.3; 0.3, 8.62N; 0.04; 93.70E; 0.04, h26km, mb3.9/1/2, Error ellipse: s-maj=7.2km s-min=5.0km az=135.7

NEIC 04 15:35:05.8; 2.0, 8.59N; 0.09; 93.78E; 0.09, h66km, 9km, mb4.3/13, earthModellD quakeml.us.anss.org/earthmodellak135

NDI 04 15:35:06.9; 2.9, 8.51N; 93.39E, h39km, 999km, ML4.3, mb4.3(N/EIC)

ISC 04 15:35:02.7; 0.5, 8.62N; 0.05; 93.69E; 0.07, h26km, m79, r1548/67, mb4.1/18, Nicobar Islands region

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like CMBY CAMPBELL BAY, CMBY Camp, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like PBA Port Blair, PBA Port, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like LHMI Lhok Sumawe, TRIT Tring, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like PHET Kaeng Krachan, KULLM Kulim, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like SRDT SRDT, RPSI Rantau Prapat, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like IPM Ipoh, UTHA Uthaitani, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like UMPT Umpang Tak, MMTA MMTA, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like CHAI Chiayiphum, CM31 Chiang Mai Arr, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like CMAR Chiang Mai Arr, UTTA Uttaratid, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like CHTO Chiang Mai, CMMT Chiang Mai, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like PAPA Payao, PALK Pallekele, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like PALK Pallekele, NONG Nongkai, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like MDRS MDRS, SLYN Son La, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like JIRN Jiri, PKI Pulchoki, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like DMN Daman, KEN Kani, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like LEMB Lembang, GKN Gorkha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZAA0 Zalesovo Array, ZAA0, ZALV Zalesovo Beam, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like SJI Sorong, SJI, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FITZ Fitzroy Crossi, FITZ, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like WRA Warrungarra Arr, WRA, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like WRA Warrungarra Arr, WRA, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like ASAR Alice Springs, ASAR, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like MKAR Makanchi Array, MKAR, etc.

MOS 04 15:49:18.2; 0.1; 61.01N; 28.95E, M2.1, Industrial explosion (after The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p - CD-ROM, 2014)

HEL 04 15:49:18.0; 0.5, 61.03N; 29.00E, h0km, ML2.3, Explosion

ISC/JB 04 15:49:19.5; 1.1, 61.14N; 0.05; 28.4E; 0.2, h0km, Error ellipse: s-maj=1.1km s-min=5.2km az=24.1

ISC 04 15:49:20.2; 1.8, 60.94N; 28.91E, h0km, mb1 3.0/3, mb1mx2.8/4.6, mbtmpp3.0/2, ML2.5/3, Error ellipse: s-maj=15.3km s-min=9.8km az=154.0

NAO 04 15:49:20.1; 1.8, 60.87N; 28.87E, ML2.5

BER 04 15:49:21.7; 3.1, 60.96N; 28.83E, h0km, ML2.5(NAO), Suspected explosion

ISC 04 15:49:20.0; 1.5, 61.11N; 0.05; 28.58E; 0.09, h0km, n21, r1593/33, Finland-Karelia border region

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like VJF Virojoki, VJF, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC. Includes stations like FIAO FINESS Array S, FIAO, etc.

4d 16h

comp=Z,0.3nm,0.3s,baz=173,slow=12,SNR=20
ARCES Sn Sn 15 53 00.2 -1.8
comp=Z,0.1nm,0.3s,baz=262,slow=8,SNR=1.6
ARCES Lg Lg 15 53 53.2
comp=Z,0.2nm,0.3s,baz=167,slow=27,SNR=5.0

MAN 04 15:55:37.7,3.37N;126.87E,h32km,mb5.0,ML3.9,MS3.9
ISCJB 04 15:55:48.0,4.0,4.14N;107.126:5E:0.1,h50km,
mb3.9/11,MS3.4/1,Error ellipse: s-maj=19.6km
s-min=4.7km az=150.6
IDC 04 15:55:50.3,4.0,4.33N;126.63E,h58km,41km,mb3.6/11,
mb1.3/8/12,mb1mx3.6/36,mbtmp3.9/12,ML3.8/1,MS2.9/3,
Ms1.2/9.3,ms1mx2.6/35,Error ellipse: s-maj=44.8km
s-min=15.9km az=35.0
NEIC 04 15:55:51.5,1.9,4.1N;101.1x126:3E:0.1,h68km,7km,
mb4.4/7,earthModelID
quakeml.us.anss.org/earthmodel/ak135

ISC 04 15:55:50.5-0.6,4.00N;107.126:3E:0.1,h50km,n40,
e=23/40,mb4.0/13,2Z,Talud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Don Marcelino, General Santos, Mati, Bagumbayan, Su, Davao City, etc.

IDC 04 16:07:45.8,1.4,32.04N;134.50E,h0km,mb3.3/3,
mb1.3/6/4,mb1mx3.3/58,mbtmp3.4/4,ML2.6/1,Error
ellipse: s-maj=46.3km s-min=26.4km az=81.0
JMA 04 16:08:03.8,0.1,33.32N;137.82E,h396km,MS3.1
ISC 04 16:08:03.8,2.1,33.7N;137.82E:0.1,h400km,n17,
e=27/1/16,mb2.8/3,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Obara, Tanabenahech, Kouya, Yamagatani, Boso, etc.

IDC 04 16:13:01.1,0.9,35.93N;69.17E,h0km,mb3.8/11,
mb3.3/9/17,mb1mx3.7/57,mbtmp3.8/17,ML3.6/6,MS3.1/2,
Ms1.3/2/2,ms1mx2.7/48,Error ellipse: s-maj=16.4km
s-min=15.9km az=35.0
ISCJB 04 16:13:04.1-0.3,36.02N;103.69:14E:0.04,h35km,
mb3.8/11,MS3.3/3,Error ellipse: s-maj=5.2km
s-min=3.7km az=140.3
BUJ 04 16:13:05.2,0.0,36.10N;68.90E,h72km,mb4.2/6,
mb4.5/4,Ms4.0/3,Ms7.3/8/2
NEIC 04 16:13:07.6,1.9,36.08N;103.69:14E:0.05,h53km,8km,
mb4.1/8,earthModelID
quakeml.us.anss.org/earthmodel/ak135

NCC 04 16:13:10.1,0.5,36.67N;68.90E,h0km,mb4.4,mpv4.3,
Error ellipse: s-maj=30.8km s-min=17.3km az=140.3
ISC 04 16:13:06.2,0.5,36.07N;103.69:14E:0.05,h35km,n90,
e=25/1/99,mb3.8/13,MS3.1/3,3C-4D,Hindu Kush region

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

2013 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KSH, AML, DHRM, etc.

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Table with columns: NOA, Station Name, LR, LR, 16 42 34.1. Lists stations like TOA1, TOR, etc.

ISCJB 04 16:14:15.6,0.8,34.7S;0.1x55:0E:0.2,h10km,mb4.0/5,
MS3.4/1,Error ellipse: s-maj=23.6km s-min=12.2km
az=152.4
IDC 04 16:14:15.6,1.2,34.75S;54.84E,h0km,mb4.0/5,
mb1.4/2/6,mb1mx3.8/35,mbtmp4.0/6,ML4.0/1,MS3.4/11,
Ms1.3/4/11,ms1mx3.2/40,Error ellipse: s-maj=37.3km
s-min=29.6km az=87.0
NEIC 04 16:14:17.6,1.2,34.7S;0.1x54.9E:0.1,h14km,4km,
mb4.3/5,earthModelID
quakeml.us.anss.org/earthmodel/ak135

ISC 04 16:14:17.0,0.9,34.7S;0.1x54.8E:0.2,h10km,n38,
e=25/1/99,mb4.2/7,MS3.5/11,Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Riviere de l'E, Abpo, etc.

MAN 04 16:25:33.4,13.72N;120.59E,h38km,mb4.1,ML3.0,
MS2.6,1C,Mindoro

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

MAN 04 16:29:51.4,15.78N;119.88E,h19km,mb4.6,ML3.5,
MS3.4,Luzon

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

IDC 04 16:44:06.5,1.5,10.26N;94.15E,h0km,mb3.8/4,
mb1.3/9/4,mb1mx3.4/49,mbtmp3.8/4,MS3.9/1,Ms1.3/9/1,
ms1mx2.7/41,Error ellipse: s-maj=68.8km
s-min=24.3km az=52.0,Andaman Islands region

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



Table with columns: ID, Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate, Azimuth Accuracy, Elevation Accuracy, Range Accuracy, Azimuth Precision, Elevation Precision, Range Precision, Azimuth Resolution, Elevation Resolution, Range Resolution, Azimuth Bandwidth, Elevation Bandwidth, Range Bandwidth, Azimuth Frequency, Elevation Frequency, Range Frequency, Azimuth Wavelength, Elevation Wavelength, Range Wavelength, Azimuth Bandwidth, Elevation Bandwidth, Range Bandwidth, Azimuth Frequency, Elevation Frequency, Range Frequency, Azimuth Wavelength, Elevation Wavelength, Range Wavelength.

Table with columns: ID, Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate, Azimuth Accuracy, Elevation Accuracy, Range Accuracy, Azimuth Precision, Elevation Precision, Range Precision, Azimuth Resolution, Elevation Resolution, Range Resolution, Azimuth Bandwidth, Elevation Bandwidth, Range Bandwidth, Azimuth Frequency, Elevation Frequency, Range Frequency, Azimuth Wavelength, Elevation Wavelength, Range Wavelength.

Table with columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate, Azimuth Accuracy, Elevation Accuracy, Range Accuracy, Azimuth Precision, Elevation Precision, Range Precision, Azimuth Resolution, Elevation Resolution, Range Resolution, Azimuth Bandwidth, Elevation Bandwidth, Range Bandwidth, Azimuth Frequency, Elevation Frequency, Range Frequency, Azimuth Wavelength, Elevation Wavelength, Range Wavelength.

ISC/JB 04 17:02:05.9-3.0, 6.7, 0.8N-0.02-21.07E-0.05, h0km, Error ellipse: s-maj=3.0km s-min=2.5km az=1.7
ISC/JB 04 17:02:06.8-1.1, 6.7, 12N-21.39E, h0km, mb1 8/3, mb1 mx2, 7/42, mbmp2, 7/3, ML2, 1/2, Error ellipse: s-maj=1.78km s-min=1.77km az=109.0
UPP 04 17:02:06.0-1.1, 6.7, 0.7N-20.93E, h0km, ML2.2, Explosion NAO 04 17:02:07.0-2.0, 6.7, 0.9N-21.31E, ML2.5
HEL 04 17:02:07.3-0.0, 6.7, 0.9N-20.93E, h0km, ML2.1, ML2.2 (UPP), Explosion
KOLA 04 17:02:08.7, 68.31N-20.77E, h0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBG Krutoberegovo, ZLN Zelenaya, SMKR Semkarok, etc.

ISC/JB 04 17:12:26.4-0.8, 12.18N-10.57:90E:0.09, h10km, mb3.8/12, MS2.8/1, Error ellipse: s-maj=16.1km s-min=10.6km az=144.1

ISC 04 17:12:26.3-1.1, 12.15N:57.85E, h0km, mb3.8/12, mb1.4/3.1, mb1mx3.7/6.0, mbtmp3.8/13, ML3.7/1, MS2.9/2, Ms1.2/9.2, ms1mx2.5/4.0, Error ellipse: s-maj=28.5km s-min=18.8km az=126.0

NEIC 04 17:12:28.7-2.1, 12.12N:0.1:57.6E:0.1, h10km,2km, mb4.2/10, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 04 17:12:27.8-1.0, 12.11N:0.1:57.8E:0.1, h10km, n37, e18/13/1, mb4.0/16, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WSR Wadi Sarin, ATD Arta Tunney, RAYN Ar Rayn, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRMA PARMA, FIAO FINESS Array S, FIAOS FINESS Array B, etc.

ISC 04 17:17:11.4-0.9, 7.24S:144.22E, h0km, mb4.2/8, mb1.4/1.1, mb1mx4.2/2.7, mbtmp4.2/1.1, ML3.5/1, MS3.4/3, Ms1.3/4.3, ms1mx2.9/2.0, Error ellipse: s-maj=24.8km s-min=20.7km az=89.0

ISC/JB 04 17:17:14.4-0.4, 7.41S:0.05:144.07E:0.05, h33km, mb4.8/10, MS3.4/2, Error ellipse: s-maj=7.7km s-min=6.5km az=5.5

NEIC 04 17:17:16.5-1.4, 7.41S:0.1:144.06E:0.1, h34km,3km, mb4.3/11, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 04 17:17:16.4-0.6, 7.47S:0.07:144.05E:0.07, h35km, n41, e155/41, mb4.3/15, Near south coast of New Guinea

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

ISC 04 18:52:18.2-2.4, 5.12N:126.78E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.2/4.2, mbtmp3.2/3, Error ellipse: s-maj=189.2km s-min=26.0km az=66.0, Mindanao

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, MKAR Makanchi Arr, etc.

ISC 04 18:57:20.0-0.6, 5.159N:174.75W, h0km, mb4.4/3.3, mb1.4/6.3, mb1mx4.4/6.8, mbtmp4.4/3.5, ML4.1/2, MS3.7/28, Ms1.3/7.28, ms1mx3.5/4.8, Error ellipse: s-maj=19.3km s-min=9.6km az=172.0

MOS 04 18:57:23.7-1.1, 5.161N:174.72W, h33km, mb4.9/2.1, Error ellipse: s-maj=12.3km s-min=7.0km az=104.1

BUJ 04 18:57:23.4-0.0, 5.212N:175.32W, h1km, mb4.9/39, mb4.9/24, MS4.6/11, Ms1.7/4.3/10

AEIC 04 18:57:24.1-0.5, 5.150N:0.08:174.65W:0.05, h30km,2km, mb4.8/136(NEIC)

ISC/JB 04 18:57:25.3-0.5, 5.152N:0.05:174.66W:0.03, h49km,3km, mb4.6/78, MS3.8/32, Error ellipse: s-maj=7.8km s-min=2.9km az=172.5

NEIC 04 18:57:25.8-1.5, 5.151N:0.08:174.71W:0.05, h38km,5km, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 04 18:57:24.0-0.7, 5.142N:0.08:174.78W:0.04, h32km,4km, n374, e130/364, mb4.7/129, MS3.9/32, 20C-9D, Andean Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATKA Atka Island, KOPF Korovin Flat P, KOKL Mount Kluichef, etc.

ISC 04 17:58:56.5-10.0, 7.12N:94.07E, h0km, mb3.5/3, mb1.3/6.4, mb1mx3.4/4, mbtmp3.5/4, ML4.3/1, Error ellipse: s-maj=189.6km s-min=83.2km az=155.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TDJR Kyzyl, ARDR Aradan, CERR Cheremushki, etc.

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TDJR Kyzyl, ARDR Aradan, CERR Cheremushki, etc.

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia

ISC 04 18:06:55.4-0.8, 5.188N:0.04:95.90E:0.04, h10km, n25, e230/45, mb3.7/3, Southwestern Siberia



Table with columns for call sign, location, frequency, and other details. Includes stations like ILAR, MENT, PRP, MA2, BCAR, etc.

Table with columns for call sign, location, frequency, and other details. Includes stations like OMMB, NV11, ELK, ELK, etc.

Table with columns for call sign, location, frequency, and other details. Includes stations like M55A, L56A, BRVK, BRVK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPSR Galich'ya Gora, VRH Novokhoporsky, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BZS Buzias, GZR Gura Zlata, TIRR Tirgustor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IXX Las Nubes, ANF 04 19:15:42.0, etc.

Table with columns: KKAR, Karatay Array, 83.24 315 P, P, 19 41 52.1 -4.3, etc.

ISC/JB 04 19:32:12.8:0.8, 35.94N:0.03:1.11W:0.06, h35km, Error ellipse: s-maj=7.1km s-min=4.1km az=71.6

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, etc.

Table with columns: MORF, Marletele, 2.50 58 eP, Pn, 19 32 52.9 +2.3, etc.

Table with columns: PTEO, Sao Teotonio, 2.58 53 ePn, Pn, 19 32 54.4 +2.8, etc.

Table with columns: PBDV, Barranco-do-Ve, 2.99 65 ePn, Pn, 19 32 59.9 +2.7, etc.

Table with columns: PNCL, Nicolau / Gran, 3.06 46 ePn, Pn, 19 33 00.3 +2.1, etc.

Table with columns: PCVE, Castro Verde, 3.09 57 ePn, Pn, 19 33 01.1 +2.5, etc.

Table with columns: PVAQ, Vaqueiros, 3.21 63 ePn, Pn, 19 33 02.9 +2.7, etc.

Table with columns: PMAFR, Matra, 3.35 28 P, S, 19 33 03.4 +1.2, etc.

Table with columns: PMAFR, Matra, 3.35 28 ePn, Pn, 19 33 03.5 +1.2, etc.

Table with columns: EGRO, El Granado, 3.43 63 P, S, 19 33 05.8 +2.5, etc.

Table with columns: EVO, Evora, 3.64 45 eSn, Sn, 19 33 47.5 -0.4, etc.

Table with columns: PESTR, Estremoz, 4.11 45 eSn, A, 19 34 03.2, etc.

Table with columns: EMIN, Mina Concepcio, 4.11 63 P, S, 19 33 18.0 +1.6, etc.

Table with columns: EBAD, Badajoz, 4.32 50 P, Pn, 19 33 18.0 +1.6, etc.

Table with columns: ESPR, Espera, 4.48 77 P, Pn, 19 33 21.0 +3.2, etc.

Table with columns: SRHM, Skhour des Reh, 4.53 140 P, S, 19 33 19.4 +0.9, etc.

Table with columns: ETOB, Tobarra, 8.21 68 S, Sn, 19 33 38.4 -2.3, etc.

IDC 04 20:11:58.7:4.5, 6.88S-155.60E, h0km, mb3.6/4, m-b1 3.7/4, mb1mx3.5/36, mbtmp3.6/4, Error ellipse: s-maj=137.2km s-min=31.4km az=110.0,

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, etc.

Table with columns: WRA, Warramunga Arr, 24.38 236 P, Op, 20 17 19.7 +0.8, etc.

Table with columns: ASAR, Alice Springs, 26.70 229 P, P, 20 17 39.8 -0.2, etc.

Table with columns: H1S3, WAKE ISLAND Hy 27.48 23 T, T, 20 46 04.4, etc.

Table with columns: H1S1, WAKE ISLAND Hy 27.50 23 T, T, 20 46 05.7, etc.

Table with columns: H1N1, WAKE ISLAND Hy 28.67 23 T, T, 20 47 34.5, etc.

Table with columns: H1N3, WAKE ISLAND Hy 28.68 23 T, T, 20 47 35.4, etc.

Table with columns: H1N2, WAKE ISLAND Hy 28.68 23 T, T, 20 47 36.1, etc.

Table with columns: SONM, Songino Array, 69.56 327 P, P, 20 23 10.6 +0.9, etc.

Table with columns: MKAR, Makanchi Array, 83.71 319 P, P, 20 24 28.8 -0.9, etc.

Table with columns: TORD, Torodi Ar. Bea, 153.57 286 PKPab, PKPab, 20 32 11.9 -1.1, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, etc.

Table with columns: NNSB, Datong, 0.11 332' Op, P, 20 15 57.1 -0.2, etc.

Table with columns: NNSB, Datong, 0.11 332' S, Sg, 20 15 58.7 -0.3, etc.

Table with columns: NNS, Nan Shan, 0.12 330' /P, Pg, 20 15 57.2 -0.3, etc.

Table with columns: NNS, Nan Shan, 0.12 330' S, Sg, 20 15 59.2 -0.2, etc.

Table with columns: ETLH, Xiulin Townshi, 0.13 163 P, Pg, 20 15 57.6 -0.1, etc.

Table with columns: NACB, Ninganchiao, 0.21 138 P, Pg, 20 15 59.2 +0.1, etc.

Table with columns: TDCB, Tech, 0.26 252 eS, Sb, 20 16 07.8 -0.6, etc.

Table with columns: TDCB, Tech, 0.26 252 eS, Sb, 20 16 03.7 -0.2, etc.

Table with columns: NDT, Datong Townshi, 0.28 16 eP, Pb, 20 16 04.4 +0.2, etc.

Table with columns: NDT, Datong Townshi, 0.28 16 eS, Sb, 20 16 08.6 -0.2, etc.

Table with columns: WDT, Chiawan, 0.29 149 eP, Pb, 20 16 04.1 -0.1, etc.

Table with columns: TWD, Chiawan, 0.29 149 eS, Sb, 20 16 09.4 +0.2, etc.

Table with columns: ENA, Nanau, 0.30 71 eP, Pb, 20 16 04.1 -0.4, etc.

Table with columns: NANB, Nanau, 0.31 72 eP, Pb, 20 16 04.1 -0.5, etc.

Table with columns: NANB, Nanau, 0.31 72 eS, Sb, 20 16 09.2 -0.3, etc.

Table with columns: ENTT, Nioudou, 0.33 22 eP, Pb, 20 16 05.2 +0.1, etc.

Table with columns: YHNB, Yeheng, 0.34 352 eP, Pb, 20 16 05.1 -0.1, etc.

Table with columns: YHNB, Yeheng, 0.34 352 eS, Sb, 20 16 10.4 -0.2, etc.

Table with columns: NSK, Sangungay, 0.35 349 eP, Pb, 20 16 05.0 -0.4, etc.

Table with columns: NWLT, Wulai, 0.45 8 S, Sb, 20 16 13.7 +0.1, etc.

NIED 04 20:19:00.37:10N:140:70E, h5km, Mw3.9 Best double couple: Mb8.3300x10^14 NP1:30x0.00000, 821.00000, 1-131.00000, NP2:223.00000, 874.00000, 1-76.00000

IDC 04 20:19:34.8:0.7, 37.02N:140:65E, h0km, mb3.9/9, mb1 4.0/11, mb1mx3.8/50, mbtmp4.0/11, ML3.7/2, MS2.8/3, MS1 2.8/3, ms1mx2.5/34, Error ellipse: s-maj=19.5km s-min=14.5km az=50.0

ISC/JB 04 20:19:35.1:0.5, 37.07N:140:73E:0.04, h13km, 2km, mb4.0/9, MS2.7/1, Error ellipse: s-maj=5.3km s-min=3.8km az=31.7

JMA 04 20:19:35.6, 37.07N:140:67E, h9km, 1km, M3.9 Broadband fault plane solution: P waves. NP1: 221.00000, 860.00000, 1-80.00000, NP2: 22.00000, 831.00000, 1-106.00000. Principal axes: T P1g15.00000, Azm294.00000, P P1g8.00000, Azm26.00000, P P1g73.00000, Azm145.00000

JMA Felt II J1, NEIC 04 20:19:36.7:0.8, 37.03N:140:10:140:63E:0.08, h13km, 6km, mb4.0/8, earthmodel/ak135

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, etc.

TXAR Lajitas Array 90.58 52 P P 20 32 39.7 +0.7
LPZA La Paz 147.19 59 PKPbc PKPbc 20 39 21.1 +0.2

SJA 04 20:22:07.1 0.3, 23:97S:66:86W, h204km, 5km, ML2.4, MW2.8
ISCJB 04 20:22:08.6 0.8, 23:90S:0:07:66:98W, 0.05, h200km, Error ellipse: s-maj=10.3km s-min=6.5km az=13.0

GUC 04 20:22:09.7 0.6, 23:81S:67:41W, h237km, 8km, ML3.9
ISC 04 20:22:07.5 1.5, 23:95S:0:08:66:89W, 0.06, h200km, n18, a1527/30, 6C, Jujuy Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include HJA, AZAP, LVC, PB15, PB06, PB09, PB03, PB14, PB10, PB04, PB07, PB01, PB02, JYNG, YOJ, EOS1, HWA, NACB, NANB, ENA, ESL, TWC, EGFH, ETLH, HGSD, EHY, EHY, EGS, ILA, WHF, WHF, TWE, YULB, YULB, ENTT, ENTT, NNSB, NNSB, NDT, NDT, TWF1, TWF1, NNS, NNS, NTC, NTC, HATJ, HATJ, SLBB, SLBB.

ISCJB 04 20:57:30.4 0.4, 23:77N:0:02:122:47E:0:02, h17km, 3km, Error ellipse: s-maj=3.2km s-min=2.2km az=148.8
JMA 04 20:57:30.5 0.3, 23:83N:122:47E, h15km, 5km, ML2.8
TAP 04 20:57:31.2 23:84N:122:51E, h32km, ML3.2, D
ISC 04 20:57:29.1 1.0, 23:82N:0:02:122:50E:0:02, h17km, 8km, n84, c0574/138, 1C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include JYNG, YOJ, EOS1, HWA, NACB, NANB, ENA, ESL, TWC, EGFH, ETLH, HGSD, EHY, EHY, EGS, ILA, WHF, WHF, TWE, YULB, YULB, ENTT, ENTT, NNSB, NNSB, NDT, NDT, TWF1, TWF1, NNS, NNS, NTC, NTC, HATJ, HATJ, SLBB, SLBB.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include SLBB, CHGB, CHGB, IRIF, WVDY, WVDY, WVDY, TWT, TDCB, TDCB, TIPB, TIPB, TIPB, NWLT, NWLT, NWLT, YHNB, YHNB, YHNB, NSK, NSK, NWF, NWF, NWF, WFSB, WFSB, WFSB, SSSL, SSSL, SSSL, TWA, TWA, TWA, JKRS, JKRS, JKRS, TWH, TWH, TWH, NHDH, NHDH, NHDH, DPDB, DPDB, DPDB, YUS, YUS, YUS, TATO, TATO, TATO, WHP, WHP, WHP, ELDTW, ELDTW, ELDTW, ELDTW, WHYT, WHYT, WHYT, WLTB, WLTB, WLTB, YM01, YM01, YM01, YM01, YM01, YM01, NSTT, NSTT, NSTT, YM08, YM08, YM08, JJJ, JJJ, JJJ, TWS1, TWS1, TWS1, WJS, WJS, WJS, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWG, NTST, NTST, NTST, WNT, WNT, WNT, WNT, TWQ1, TWQ1, TWQ1, STYT, STYT, STYT, TPUB, TPUB, TPUB, CHN4, CHN4, CHN4, WTP, WTP, WTP, JISG, JISG, JISG, ECL, ECL, ECL, SLGT, SLGT, SLGT, SLGT, CHN1, CHN1, CHN1, RLNB, RLNB, RLNB, EAST, EAST, EAST, MASBT, MASBT, MASBT, HEN, HEN, HEN, TWKBT, TWKBT, TWKBT, WDGJ, WDGJ, WDGJ, WDGJ, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, PNG, PTTC, PTTC, PTTC, PTTC, MATB, MATB, MATB, PTMZ, PTMZ, PTMZ, KNMB, KNMB, KNMB, AXDP, AXDP, AXDP, AXDP.

IDC 04 21:12:45.1 1.9, 9:84S:150:86E, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.5/22, mbtmt3.5/5, ML3.2/1, MS2.9/2, MS1 2.9/2, ms1mx2.5/20, Error ellipse: s-maj=58.9km s-min=29.0km az=132.0

ISCJB 04 21:12:48.9 1.5, 10:05S:0:2:150:86E:0:2, h33km, mb3.5/3, MS3.1/1, Error ellipse: s-maj=33.7km s-min=20.4km az=137.7

ISC 04 21:12:50.0 1.6, 10:05S:0:2:150:86E:0:2, h35km, n8, a1547/6, mb3.8/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include PMG, PMG, KRVT, KRVT, KRVT, ASAR, ASAR, ASAR, STKA, STKA, STKA, SONM, SONM, SONM, ILAR, ILAR, ILAR, TORD, TORD, TORD.

ISCJB 04 21:46:36.8 0.3, 48:24N:0:02:78:39W:0:03, h0km, Error ellipse: s-maj=2.9km s-min=2.7km az=136.7

ANF 04 21:46:38.1 0.2, 48:23N:78:42W, ML3.5/37, Error ellipse: s-maj=2.7km s-min=2.3km az=103.0

OTT 04 21:46:38.7 0.0, 48:25N:78:45W, h1km, MN3.4/21, Mining related event, Laronde Mine, Cq 27km northwest from Malartic, Cq Mining induced.

ISC 04 21:46:36.6 0.8, 48:25N:0:02:78:36W:0:02, h0km, n67, a1529/93, Southern Quebec

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Rows include VLDO, VLDO, VLDO, KIRO, KIRO, KIRO, LSQQ, LSQQ, LSQQ, D53A, D53A, D53A, D53A, D51A, D51A, D50A, D50A, D50A, D50A, MATQ, MATQ, MATQ, MATQ, D54A, D54A, D54A, EEO, EEO, EEO, EEO, E51A, E51A, E53A, E53A, E52A, E52A, E54A, E54A, E54A, MALO, MALO, MALO, D49A, D49A, D49A, ALGO, ALGO, ALGO, D55A, D55A, D55A, CRLO, CRLO, CRLO, E50A, E50A, E50A, F51A, F51A, F51A, SUNO, SUNO, SUNO, SUNO, SUNO, PEMO, PEMO, PEMO, PEMO, PEMO, PEMO, D56A, D56A, D56A, F55A, F55A, F55A, E56A, E56A, E56A, G54A, G54A, G54A, BUKO, BUKO, BUKO, BUKO, BUKO, KAPO, KAPO, KAPO, KAPO, VABO, VABO, VABO, VABO, KLB0, KLB0, KLB0, KLB0, KLB0, G55A, G55A, G55A, GAC, GAC, GAC, GAC, GAC, GAC, GAC, GAC, GAC, GAC.



Table with columns: WRA, Warramunga Arr, 43.69 122 P, 23 40 43.2 +0.7, etc. Includes stations like WRA, WR1, BTK, ASAR, KSRs, MKAR, etc.

MAN 04 23:40:30.4, 7.47N, 124.90E, h24km, mb4.5, ML3.4, MS3.2, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUKP, KCP, PAGZ, DDMF.

ISC/JB 04 23:42:12.4, 0.5, 6.84N, 0.02x73.13W, 0.03, h154km, 4km, mb3.6/1, Error ellipse: s-maj=5.0km s-min=3.2km az=28.9

ISC 04 23:42:12.3, 0.9, 6.81N, 0.03x73.12W, 0.04, h159km, 6km, n39, c172/75, 3C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC, BRRC, PAMC, RUSC, CCUC3, etc.

Table with columns: NORC, Norcasia, 2.14 235/1, Pn, 23 42 49.9 +0.3, etc. Includes stations like NORC, SMLC, CHIC, ROSC, etc.

ISC/JB 04 23:42:30.9, 0.7, 31.29S, 0.04x68.93W, 0.04, h115km, 7km, Error ellipse: s-maj=7.1km s-min=5.5km az=42.5

ISC 04 23:42:31.6, 1.5, 31.29S, 0.04x68.93W, 0.05, h111km, 10km, n19, c05/50/29, 1C, San Juan Province

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

MAN 04 23:43:08.1, 7.50N, 124.84E, h17km, mb4.0, ML2.7, MS2.3, Mindanao

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

SJA 04 23:46:29.6, 0.6, 15.84S, 70.90W, h197km, 12km, ML4.2, MW3.8, 5C, Southern Peru

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

Table with columns: PB12, IPOC Station P, 2.81 169, Pn, 23 47 17.6 +0.7, etc. Includes stations like PB12, PB16, PB18, etc.

MAN 04 23:47:56.2, 7.64N, 125.01E, h75km, mb4.3, ML3.2, MS2.9, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUKP, KCP, PAGZ, DDMF.

IDC 04 23:53:58.1, 0.5, 51.50N, 174.58W, h0km, mb4.4, M2.8, mb1 4.6/30, mb1mx4.5/50, mbmt4.4/30, ML4.1, 2/3, MS3.7/23, Gs1 3/7/23, ms1mx3.5/43, Error ellipse: s-maj=17.6km s-min=10.5km az=169.0

MOS 04 23:54:01.7, 1.0, 51.57N, 174.48W, h33km, mb4.8/25, Error ellipse: s-maj=10.3km s-min=7.0km az=101.8

ISC/JB 04 23:54:02.3, 0.5, 51.41N, 0.04x174.44W, 0.02, h43km, 3km, mb4.6/76, MS3.8/26, Error ellipse: s-maj=6.8km s-min=2.4km az=174.3

NEIC 04 23:54:02.9, 2.1, 47N, 0.07x174.63W, 0.04, h29km, 4km, earthModelID quakem/us, ans.org/earthmodel/ak135

AEIC 04 23:54:03.1, 9.51, 41N, 0.06x174.59W, 0.03, h26km, 4km, ML4.4, mb4.7/180(NEIC)

ISC 04 23:54:03.7, 0.5, 51.48N, 0.08x174.58W, 0.03, h37km, 1km, n645, c08/9/596, mb4.7/136, MS3.8/26, 16C-9D, Andreanof Islands

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

4d 23h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like PPLA, RC01, PEAOB, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like MSO, PAHR, EAGLE, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like MNTX, MNTX, MNTX, etc.





Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U60A Pendleton, 553A Crawfordville, 258A St. Stephen, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CONA Conrad Observa, ECH Echery, TESR Tesca, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BKSI Sulukumba, BKSI Sidrap Palu, TTSI Tana Toraja, etc.

AEIC 05 01:03:44.8-4.5, 51.41N:0.04:174.65W:0.03, h2km, 4km, ML3.8, mb4.1/14(NEIC)
NEIC 05 01:03:48.7-2.1, 51.53N:0.07:174.61W:0.04, h50km, 6km, earthModelID quakeml.us.anss.org/earthmodel/ak135
ISC 05 01:03:44.3-1.8, 51.36N:0.08:174.60W:0.04, h17km, 10km, n90, e193/83, mb4.0/18, MS2.9/3, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC Time, Res h m s ISC. Lists various seismic stations including ATKA, KOSG, KOSK, etc.

s-min=7.4km az=143.0
NEIC 05 01:13:34.2-1.0, 9.49N:0.1:93.9E:0.1, h46km, 13km, mb4.2/14, earthModelID
quakeml.us.anss.org/earthmodel/ak135
ISC 05 01:13:36.5-3.2, 8.69N:93.85E, h93km, 29km, mb3.5/13, m1.3/6.15, mb1mx3.5/45, mbtmp3.8/15, MS3.4/7, M1 3.5/7, ms1mx3.0/38, Error ellipse: s-maj=29.0km s-min=14.6km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC Time, Res h m s ISC. Lists various seismic stations including PBA, DGBR, PSI, etc.

ISC 05 01:32:38.8-0.8, 35.31N:0.02:4.14W:0.02, h13km, 6km, n63, e193/119, 2C-2D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC Time, Res h m s ISC. Lists various seismic stations including PALE, PEEN, AKLM, EMEL, MELI, etc.

ISCJB 05 01:13:28.7-0.5, 9.19N:0.07:93.82E:0.09, h22km, mb3.7/13, MS3.5/6, Error ellipse: s-maj=14.2km

SFS 05 01:31:38.0, 35.21N:4.15W, ML2.3, TORRES DE ALCALA (MARRUECOS)
CNRM 05 01:32:38.7, 35.32N:4.23W, h9km, ml2.6
IGIL 05 01:32:39.0, 35.22N:4.15W, h0km, ML2.4
MDD 05 01:32:39.4, 35.30N:4.13W, h0km, mbLg2.3/17, Error ellipse: s-maj=4.4km s-min=3.0km az=143.0, PRXIMO
ISCJB 05 01:32:39.1-0.4, 35.33N:0.02:4.19W:0.02, h44km, 3km, Error ellipse: s-maj=2.7km s-min=2.6km az=12.5
INMG 05 01:32:40.7, 1.3, 35.37N:4.13W, h3km, 5km, ML2.2, Error ellipse: s-maj=2.7km s-min=2.3km az=9.0

ISCJB 05 01:24:36.7-0.8, 5.6N:0.1:136.8E:0.2, h10km, n16, e190/15, mb4.0/10, Western Caroline Islands

5d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMRV, ECHE, PMTG, EPLA, PTOM, EIBI, MVO.

SOME 05:01:35:20.6, 42:55N:83:87E, h0km, NNC 05:01:35:24.2, 1.3, 42:55N:83:76E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=10.9km s-min=5.5km az=150.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SHLS, PDGK, DJR, UZB, KPKS, SATY, KAPS, MNBS, KURS, MK31, MAKZ, ARXS, ZSN, MDOK, TNSS, CHHK, IZV, KTBS, KST.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KAPS, MNBS, KURS, MK31, MAKZ, ARXS, ZSN, MDOK, TNSS, CHHK, IZV, KTBS, KST.

2013 SEP

TKM2 Tokmak 2 5.91 275 U/Lg 01 38 37.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H11S3, H11S1, H11S2, MKAR, ASAR, NOA, BRTR.

SJA 05:01:47:59.3:0.4, 29:65S:72:27W, h29km, 25km, ML3.2, MW3.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LSCH, GO04, LCO, LCO, LCO, CO02, CO02, GO03, PEL, VCA, VCA, FCH, CFA, ASAL, LMEL, LMEL, CYA, RFA, TCA, TCA.

JMA 05:01:53:17.2:0.2, 43:23N:146:70E, h61km, 2km, M3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NEM2, NMR, YUK, YUK, YUK, GRPR, GRPR, GRPR, LAGR, LAGR, LAGR, JKHN, JRA, JNSB, JAK, JAK, JNK, JNK, KUR, KUR, KUR, JOB, JOB, JAR, JAR, JCH, JCH, JMP.

IDC 05:01:59:44.8:1.9, 5:44N:125:27E, h228km, 31km, mb3.1/4, mb1 3.3/4, mb1mx2.9/41, mbtmp3.7/4, MS3.7/1, Ms1 3.7/1, ms1mx2.6/21, Error ellipse: s-maj=106.6km s-min=17.6km az=71.0, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DAV, FITZ, WRA, ASAR, JHJ, MKAR.

312

mb3.9/5, MS3.8/1, Error ellipse: s-maj=8.3km s-min=6.0km az=138.6, NEIC 05:02:03:32.0:2.8, 7:44S:0:09:144:15E:0:09, h35km, 5km, mb4.4/8, earthModelID quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, COEN, COEN, MTN, WRA, WRA, AS31, ASAR, ASAR, ASAR, EIDS, FITZ, FITZ, MMRI, MORW, MORW, NWAO, SSSL, SSSL, KSR5, CM31, CMAR, SONAO, SONM, MKP2, MKAR, ZALV, ZAA1.

ISCJB 05:02:26:05.8:0.4, 36:92N:0:03:71:63E:0:06, h106km, mb3.7/2, Error ellipse: s-maj=6.9km s-min=3.9km az=164.1

NEIC 05:02:26:06.4:4.4, 37:14N:70:92E, h110km, 93km, mb3.5, mpv4.1, Error ellipse: s-maj=39.2km s-min=29.4km az=46.0

NEIC 05:02:26:08.1:2.1, 37:02N:0:06:71:52E:0:05, h107km, 10km, mb4.1/2, earthModelID quakeml.us.anss.org/earthmodel/ak135

IDC 05:02:26:09.8:2.2, 37:11N:71:55E, h117km, 58km, mb3.3/2, mb1 3.4/7, mb1mx3.1/57, mbtmp3.9/7, Error ellipse: s-maj=72.1km s-min=47.0km az=167.0

ISC 05:02:26:06.0:7.7, 36:95N:0:05:71:62E:0:07, h106km, m43, c247/54, mb3.7/3, 3C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GAR, GAR, BTK, BTK, KBL, KBL, NIL, NIL, AML, NRN, KZA, EKS2, DHRM, DHRM, DHRM, AAK, AAK, AAK, AAK, AAK, AAK, KK31, KK31, KKAR, CHMS, TKM2, TKM2, SMLA, SMLA, JOSI, KUDL, KUDL, GEYT, MKAR, DANN, GKN, KURB, KURB, DMN, PKIN, PKI, AB31, AB31, ABKAR, JIRN, BVAR, AKTO, AKTO, ZAAO, ZAAO, ZALV, ZALV, BJT.



5d 4h

Table of horse race results for 5d 4h, listing race numbers (e.g., Q60A, WVL, U59A), horse names (e.g., Greensboro, Waterville, Littleton), jockeys, trainers, times, and margins.

2013 SEP

Table of horse race results for 2013 SEP, listing race numbers (e.g., Y57A, N59A, R58A), horse names (e.g., Sumter, State Game Lan, Rapidan), jockeys, trainers, times, and margins.

314

Table of horse race results for 314, listing race numbers (e.g., R56A, M57A, X55A), horse names (e.g., Bull Pasture M, Sunshine Farm, Gracelyn & Aa), jockeys, trainers, times, and margins.

Table with columns: Station ID, Name, Frequency, Power, SNR, and other technical details. Includes stations like LPAZ, P55A, H57A, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, and other technical details. Includes stations like T53A, N54A, K54A, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, and other technical details. Includes stations like RSA, P52A, O52A, etc.

5d 4h

Table of flight data for the left column, including columns for airline, flight number, origin, destination, departure time, arrival time, status, and aircraft type.

2013 SEP

Table of flight data for the middle column, including columns for airline, flight number, origin, destination, departure time, arrival time, status, and aircraft type.

316

Table of flight data for the right column, including columns for airline, flight number, origin, destination, departure time, arrival time, status, and aircraft type.

Table of station data for the left column, including call letters, frequency, and location details for stations like PBMO, TOR4, TOA1, TOA3, etc.

Table of station data for the middle column, including call letters, frequency, and location details for stations like PLTB, I41A, I41A, I41A, etc.

Table of station data for the right column, including call letters, frequency, and location details for stations like LCO, LCO, LCO, ANGG, ANGG, etc.



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Table with multiple columns: Station Name, Frequency, Power, Time, and various codes. Includes stations like SNF, DOU, DBU, and many others across various frequencies.



5d 4h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date/Time, and other parameters. Rows include stations like VLX, STIP, KNB, 214A, etc.

2013 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date/Time, and other parameters. Rows include stations like THAS, PLVB, SHRP, etc.

320

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date/Time, and other parameters. Rows include stations like SMG, BMO, BMO, etc.



Table with columns: PRGR, Name, Frequency, Mode, Power, SNR, and other technical details. Rows include stations like MAZI, KIV, KBZ, SENK, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Rows include stations like KMBO, BPWA, PMR, KTH, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Rows include stations like MDOK, MKEY, KPKS, MK32, etc.

Table with columns: DL2, Dalian, 124.74, 12, ePKP, PKPdf, 04 20 31.8 -4.6, etc.

Table with columns: XMIS, Christmas Isla, 151.22, 84, PKIKP, 04 21 32.7 +1.4, etc.

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

IDC 05 04:01:47.0-4.2, 27:15N-44:61W, h0km, mb3.8/9, mb1 4.0/9, mb1mx3/7.59, mbmt3.8/9, Error ellipse: s-maj=113.1km s-min=25.4km az=172.0, Northern

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

ROM 05 04:09:27.7-0.1, 43:369N-0:004:12:567E-0:005, h6km, ML1.2/4, Error ellipse: s-maj=0.5km s-min=0.1km az=59.0, Central Italy

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

ISCB 05 04:17:56.7-0.9, 23:87N-0:02:122:56E-0:02, h13km, 7m, Error ellipse: s-maj=3.9km s-min=2.3km az=166.1

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



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TASE Tanaga Southea, GAEA Gareloi East, NIKH Nikolski High, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RIDG Independent Ri, ISLE Juniper Island, MESA MESA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C36M Paulatuk, ERM Erimo, GRNR Gornyy, etc.





Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Black Hills, Glamis, and various valley stations.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Albuquerque, Ely, and various mountain stations.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Anamosa, Draeger Farm, and various mountain stations.





5d 5h

2013 SEP

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like S57A Dark Hollow, 250A Grady, P59A Jarrettsville, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like 154A Montrose, 154B BIRD, KPKS Kokpek, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BTLS Baital, 355A Peas, 454A Quitman, etc.









Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOKL, KOSE, KOROVIN, GSTR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G003, G004, G005, G006, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G0PC, JAVC, KRUC, etc.

IS/CJB 05:05:22.37.4.0.4.24:09S:0:02:77W:0:07, h66km, 5km, mb3.9/3, Error ellipse: s-maj=10.7km s-min=3.2km az=6.5

GUC 05:05:22.40.2.0.6.24:10S:70:48W, h48km, 11km, ML4.4, IDC 05:05:22.41.3.2.8.24:30S:70:25W, h62km, 20km, mb3.9/3, mb1.4/1.7, mb1mx3.732, mbtmp4.2/7, MS3.8/2, Ms1 3/72, ms1mx3.1/32, Error ellipse: s-maj=39.5km s-min=12.3km az=17.0

ISC 05:05:22.38.8.0.8.24:11S:0:03:70:66W:0:07, h52km, 7km, n77, r142/102, mb4.2/5, 1C-15D, Near coast of northern Chile

IS/CJB 05:06:00.17.2.0.5.17:9S:0:2:178:00W:0:07, h590km, mb4.2/17, Error ellipse: s-maj=19.9km s-min=9.0km az=17.0

IDC 05:05:21.9.7.2.2.18:01S:178:03W, h610km, 30km, mb3.5/13, mb1 3.8/15, mb1mx3.5/36, mbtmp4.5/15, Error ellipse: s-maj=25.3km s-min=11.9km az=165.0

ISC 05:06:00.18.0.0.6.18:0S:0:2:178:07W:0:09, h590km, n51, 0584/53, mb4.3/17, Fiji Islands region

ISC 05:06:37.0.1.9.51:44N:0:10:174:50W:0:04, h31km, 12km, n39, r111/42, Andean Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB14, PB10, PB15, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, etc. Rows include: SSBA Shishaldin, FALS False Pass, SDPT Sand Point, CNBA Chernabura Isl, CHGN Chignik, CHIR Chirikof, SII Sitkinak Islan, OHAK Old Harbor, KDAD Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, SVW2 Sparrevohn, HOM Home, CNPM China Pool, BRLK Bradley Lake, SKT Skwentna, SEW Seaward, PPLA Purkeypile, RC01 Rabbit Creek A, PETK Petropavlovsk, PMR Palmer, SML Sawmill, BPAW Bear Paw Mtn, GLI Glacier Island, HIN Hinchinbrook I, SCM Sheep Creek Mo, SCM Sheep Creek Mo, FID Fidalgoo, RND Reindeer, RND Reindeer, MCK McKinley, EYAK Cordova Ski Ar, DHY Denali Highway, WRH Wood River Hill, HMT Hamilton, CCB Clear Creek Bu, MDM Murphy Dome, SUCK Suckling Hills, COLA College, HDA Harding Lake, HDA Harding Lake, POKR Poker Plat Res, CLB Gilahina Butte, ILAR Eielson Array, COLD Coldfoot, RIDG Independent Ri, ISLE Juniper Island, BALM Baldy, DOT Dot Lake, YAH Yahtse, SCRK Sand Creek, BARN Barnard Glacie, CTGM Chinia Glacie, BCAR Beaver Creek A, TOLK Toolik Lake Re, EGAK Eagle, DAWY Dawson, HTT Haines Junctio, EPYK Eagle Plains, EPYK Eagle Plains, WRAK Wrangell Islan, INK Inuvik, DLBC Dease Lake, DLBC Dease Lake, YAK Yakutsk, D03D Eldon, YKA Yellowknife Ar, B05A Bryant, E04D Cinebar, I02D Swisshome, H1122 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H04A Detroit Lake, G05D Wamic, OR, I04A Tendick Farm,

Table with columns: Call Sign, Name, Frequency, Power, Mode, etc. Rows include: L02E Cave Junction, USRK Ussuriysk Ar, I05D Terboorne, HAWA Hanford, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, MJAR Matsushiro Arr, L04D Klamath Falls, YBH Yreka Blue Hor, J05D Fort Rock, M02C Callahan, NEW Newport, NEW Newport, NEW Newport, O03E Paynes Creek, WWOR Wild Horse Val, MSO Missoula, EGMT Eagleton, NVAR Mina Array Bea, BOZ Bozeman (W), KSRK Korea Array, KSTAR Wounji Array Be, H17A Grant Village, RLMT Red Lodge, RLMT Red Lodge, R11A Troy Canyon, C, MPMC Manual Prospec, TPNV Topopah Spring, DUG Dugway, DUG Dugway, DUG Dugway, PD31 Pinedale Array, PDAR Pinedale Array, PFO Pinyon Flats O, K22A Casper, O20A White River Ci, N23A Red Feather La, PV01 Paradox Valley, ULM Lac du Bonnet, MVCO Mesa Verde, TLY Taly, S22A 4UR Ranch, Cre, AGMN Agassiz Nation, SONAO Songo Array, SONMO Songo Array, SONMI Songo Array, SUSD Miller, SDCO Great Sand Dun, TIA Tia, TUC Tucson, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, KSCO Kaye Shedlock, SPA0 Spitsbergen Ar, SP1S Spitsbergen Ar, SP1S Spitsbergen Ar, ANMO Albuquerque, ECSD EROS Data Cent, EYMN Ely, NJ2 Nanjing, E38A The Farm, Brul, C40A Isle Royale Na, D41A Chassel, GNTX Cornudas Mount, I41A Arkdale, E43A Lone Tree Farm, L40A Anamosa, ZAA1 Zelzovo Array, ZALV Zelzovo Farm, D46A Sault St. Mari, M41A Milan, N41A Hazen Midland, TXAR Lajitas Array, D47A Chapleau, K43A Burlington, G46A Petoskey, E47A Iron Bridge, GLMI Grayling, D49A Beth Townshi, H47A Mio,

Table with columns: Call Sign, Name, Frequency, Power, Mode, etc. Rows include: M44A Midewin, Midew, P43A Skaggs, Pawnee, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Wreka, D50A G1974 Best Tow, LSQO Lebel-sur-Quev, U40A Yellville, D51A Lot 18 Range I, W39A Magazine, E51A G1948 Merrick, ARCES ARCESS Array B, ARCES ARCESS Array B, SFIN Lafayette, D52A ZEK Kipawa Sen, FCAR Ozark Folk Cen, MIAR Mount Ida, D53A Lac Vache, Po, L48A N Adams, N47A Urbana, E52A Mattawa, F52A Sundridge, W41B Gary Mavity, V, BUKO Buck Lake, D54A Lac Fusel, La, E53A Dumoine, Ponti, H52A Wyevale, ALGO Algonquin Park, E54A Lac Duplat, Po, G53A Haliburton, G54A Lake Saint Pe, D55A Sainte-Anne-du, P48A Milroy, PEMO Pembroke, H53A Bobcaygeon, BANO Bancroft, D56A ZEC Mazanra, M, PKRO Pickering, F55A Otter Lake, E56A St. Veronique, O50A Cable, PLVO Plevna, G55A Calabogie, DELO Deloro Mine, WLVO Westville, KURK Kurchatov, T47A Sharon Grove, P50A Jamestown, I55A Frankford, H55A Tweed, WWT Waverly, LATQ La Tuque, ORIO Orleans, Innes, ORIO Orleans, Innes, ALFO Alfred, H56A Elgin, WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, PECO Prince Edward, K54A Basiliko Farm, E58A La Victoria, G57A Newington, D59A Saint-Raymond, V48A Smith Brothers, H57A Richville, CLTN Cedars of Leba, R51A Hillsboro, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, U49A Red Boiling Sp, J56A Wolcott, N54A Moraine State, G58A Ormslow, T50A Nancy, I57A Carthage,

Table with columns: 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 Standard Deviation, Elevation Bias Standard Deviation. Includes stations like K56A Middlesex, LONY Lake Ozonia, M55A Ridgeway, etc.

Table with columns: 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 Standard Deviation, Elevation Bias Standard Deviation. Includes stations like Y54A Tignall, U57A Blanch, T58A Grand View Acr, etc.

Table with columns: 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 Standard Deviation, Elevation Bias Standard Deviation. Includes stations like FIAO FINES Array S, FINES FINES Array B, NB20 NORSAR Array S, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like Diego Garcia H, Gulyang, Jiri, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like FINES Array B, ARAO ARCESS Array B, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like ADAG Mount Adagdak, ADK Adak, etc.

ISCJCB 05 07:22:40.6:0.5,21:55S:0:03:68:29W:0:07,h123km,5km, mb3.7/8, Error ellipse: s-maj=10.7km s-min=4.9km az=0.5

IDD 05 07:22:41.3:0.7,21:44S:68:18W,h106km,9km,mb3.6/8, mb1 3.7/12,mb1mx3.6/28,mbtmp3.9/12, Error ellipse: s-maj=16.4km s-min=9.8km az=110.0

GUC 05 07:22:42.3:0.5,21:52S:68:48W,h121km,4km,ML3.9

ISC 05 07:22:41.3:0.7,21:52S:0:04:68:21W:0:07,h114km,7km, n53,-193:72, South Island

ISC 05 07:37:16.3:1.1,44:47S:0:02:169:46E:0:02,h8km,7km, earthModelId quakem.us.anss.org/earthmodel/ak135

WEL 05 07:37:16.5:44.5:6:17.0E,-1:12km,ML4.5/10, ML4.3/14, Error ellipse: s-maj=0.0km s-min=0.0km az=162.3

ISCJCB 05 07:37:17.1:0.5,44:43S:0:03:169:44E:0:03,h19km,5km, mb3.3/2, Error ellipse: s-maj=5.2km s-min=2.7km az=137.2

IDD 05 07:37:20.0:0.3,9,44:07S:169:49E,h30km,31km,mb3.1/2, mb1 3.5/3,mb1mx3.3/25,mbtmp3.4/3,ML3.5/1, Error ellipse: s-maj=51.4km s-min=31.2km az=172.0

ISC 05 07:37:16.3:1.1,44:45S:0:02:169:47E:0:02,h16km,7km, n53,-193:72, South Island

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

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



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ISA, RLMT, REDW, SNOW, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, SONG, SUSD, SDCO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HDIL, F48A, M44A, etc.

5d 7h

2013 SEP

Table with columns: Station, Name, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzT, ElT, AzR, ElR, AzP, ElP, AzC, ElC, AzD, ElD, AzN, ElN, AzE, ElE, AzS, ElS, AzT, ElT, AzR, ElR, AzP, ElP, AzC, ElC, AzD, ElD, AzN, ElN. Rows include stations like WCI Wyandotte Cave, F55A Otter Lake, etc.

Table with columns: Station, Name, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzT, ElT, AzR, ElR, AzP, ElP, AzC, ElC, AzD, ElD, AzN, ElN, AzE, ElE, AzS, ElS, AzT, ElT, AzR, ElR, AzP, ElP, AzC, ElC, AzD, ElD, AzN, ElN. Rows include stations like P53A Whipple, M55A Ridgway, etc.

Table with columns: Station, Name, Time, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzT, ElT, AzR, ElR, AzP, ElP, AzC, ElC, AzD, ElD, AzN, ElN, AzE, ElE, AzS, ElS, AzT, ElT, AzR, ElR, AzP, ElP, AzC, ElC, AzD, ElD, AzN, ElN. Rows include stations like M58A Price's Panora, V52A Sevierville, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CPNY, CBN, CBN, PAULI, V56A, KMSC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KSH, KSH, KSH, OBNS, PPT, PPT2, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VTS, VTS, VTS, RPSI, PDG, BR101, etc.

ISCJB 05 08:00:17.5:0.3, 7:50N:0.0:3:75:34W:0.0:3, h63km, 4km, mb3.5/9, Error ellipse: s-maj=4.8km s-min=4.5km

RSNC 05 08:00:19.4:1.0, 7:42N:75:34W, h30km, 5km, ML3.7, Mw3.6

IDC 05 02:01:21.7:1.7, 7:49N:75:12W, h94km, 18km, mb3.2/9, mb1.3/13, mb1mx3.3/44, mbtmp3.6/13, Error ellipse: s-maj=16.9km s-min=12.0km az=112.0

ISC 05 06:00:17.0:0.8, 7:49N:0.0:3:75:34W:0.0:3, h48km, 7km, n48, e191/61, mb3.4/9, 6C-2D, Northern Colombia

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like UREC, ZARC, ZARC, ZARC, etc.

NSSP 05 08:05:31.1, 38:53N:43:70E, h8km, Ms3.2  
ISK 05 08:05:32.1, 38:63N:43:62E, h2km, ML3.2/9



5d 8h

DDA 05 08:05:32.5, 38.61°N, 43.61°E, h20km, 1km, ML3.3
AZER 05 08:05:33.5, 3.2, 38.49°N, 43.43°E, h20km, ml3.0/7, Error
ellipse: s-maj=24.8km s-min=17.8km az=113.0
ISC 05 08:05:33.6, 0.9, 38.62°N, 0.02, 43.61°E, 0.02, h14km, 7km,
n40, c1507/59, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VANB, TVAN, VMUR, GEVA, AKDM, CLDR, BASK, ADCV, DYDN, MLAZ, HAKT, BLIS, IGDY, EKAR, CUKT, TABS, HYR, SRTM, VNNZ, EATA, NAX, MUSM, SBZ, GNI, GOR, ORD, HOMI, SVAN, BTMN, EAK, SENK, HANI, MARD, GDB, QZXX, GANJ, BAYB.

MEX 05 08:20:07.5, 0.7, 15.66°N, 93.56°W, h85km, 6km, MD3.6, Near coast of Chiapas. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PCIG, TGIG, THIG, COMITAN, CMIG.

NNC 05 08:22:15.3, 2.7, 37.68°N, 71.53°E, h0km, mb4.0, mpv3.8, 3C-1D, Error ellipse: s-maj=22.4km s-min=20.4km az=40.0, Afghanistan-Tajikistan border region. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AAK, KK31, TKM2, AB31.

NNC 05 08:40:40.4, 1.4, 42.01°N, 78.33°E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=9.9km s-min=4.7km az=167.0. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SATY, UZB, TNSN, TNSN, TNSN.

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Table with columns: KOTS, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KOTYS, SHLS, SHLS, SHLS, PDGG, KST, KST, KST, KTBS, KTBS, KTBS, CHHK, CHHK, CHHK, ARXS, ARXS, ARXS, KUU, KUU, DJR, DJR, DJR, AAK, AAK.

NIED 05 08:48:00.22, 90°N, 121.60°E, h23km, Mw4.1 Best double couple: M1, 7.0000x10^15 Np1, 250.00000°, 830.00000°, 1.51.00000°. NP2, 6.00000°, 876.00000°, 1.63.00000°. JMA 05 08:48:00.5, 0.1, 22.88°N, 121.62°E, h19km, 3km, M4.3. ISC/JB 05 08:48:00.8, 0.3, 22.88°N, 0.01, 121.63°E, 0.01, h18km, 2km, mb3.8/9, MS3.2/2, Error ellipse: s-maj=2.3km s-min=1.9km az=30.1. BUJ 05 08:48:01.0, 0.0, 22.88°N, 121.57°E, h22km, ML3.7/3, Ms3.6/1, Ms7.3/4/5. ASI/ES 05 08:48:01.3, 22.93°N, 121.54°E, h17km, MW3.9. TAP 05 08:48:02.1, 22.92°N, 121.53°E, h18km, ML4.3, B. IDC 05 08:48:06.4, 6.3, 22.93°N, 121.76°E, h64km, 60km, mb3.6/9, mb1.3/6/10, mb1mx3.5/38, mbtmp3.8/10, ML3.6/1, MS3.3/1, Ms1.3/5/1, ms1mx2.6/40, Error ellipse: s-maj=36.4km s-min=16.1km az=70.0.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TWH, TWH, CHKT, CHKT, TTN, TTN, TWTG, TWTG, TWF1, TWF1, YULB, YULB, ELDTW, ELDTW, HGSD, HGSD, EHY, EHY, ECL, ECL, ECL, EGFH, EGFH, STYT, STYT, TAW, TAW, LAY, LAY, LAY, EAST, EAST, EAST, SLGT, SLGT.

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Table with columns: SSD, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SSD, ESL, ESL, MASBT, MASBT, VWDY, VWDY, VWDY, ALS, ALS, WTP, WTP, WTP, TPUB, TPUB, TPUB, CHN1, CHN1, CHN1, CHN4, CHN4, SGLT, SGLT, SCZT, SCZT, SCZT, WHYT, WHYT, WHYT, SNST, SNST, SNST, SSSL, SSSL, SSSL, TWK, TWK, TWK, TWM1, TWM1, OWD, OWD, CHN3, CHN3, SMLT, SMLT, SMLT, TWD, TWD, TWD, SNJT, SNJT, SNJT, TSEB, TSEB, TSEB, HEN, HEN, HEN, TWKB, TWKB, TWKB, TWK1, TWK1, TWK1, TYC, TYC, TYC, TYC, CHN2, CHN2, CHN2, WJS, WJS, WJS, CHGB, CHGB, CHGB, WGK, WGK, CHY, CHY, CHY, KAU, KAU, KAU, WDLH, WDLH, WDLH, WLCH, WLCH, NACB, NACB, NACB, TWP, TWP, TAI, TAI, WHF, WHF, WHF, DPDB, DPDB, DPDB, WNT, WNT, WNT, WNT, ETLH, ETLH, ETLH, SCLT, SCLT, SCLT, WLG, WLG, WLG, CHN8, CHN8, CHN8, TWT, TWT, TWT, TDCB, TDCB, WSF, WSF, WSF.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Taichung City, Erlin, Zhonghua, ENA, NANS, NNSB, WTCT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like IKJM, JOGS, JHMQ, ZZJH, LYJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like TAFP, TAFP, TASE, ATKA, etc.

ISCJB 05 09:00:29.7±0.8, 32.39S±0.04, 70.11W±0.06, h121km, 8km, Error ellipse: s-maj=8.0km s-min=5.8km az=19.0 SJA 05 09:00:29.6±0.9, 32.38S±0.07, 70.15W±0.08, h108km, 5km, ML2.6, MW3.0

IDC 05 09:06:47.8±1.1, 30.40N, 42.57W, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.7/35, mbmtmp3.7/6, MS3.4/6, Ms1 3.4/6, m1mx3.0/38, Error ellipse: s-maj=37.6km s-min=26.0km az=33.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PEL, ASAR, FINES, NOA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like SJG, SCHO, ROSC, DBIC, ULM, etc.

ISC 05 09:01:09.5±6.2, 51.71N±1.75, 27W, h0km, mb3.4/3, mb1 3.9/5, mb1mx3.5/45, mbmtmp3.6/5, ML3.2/2, Error ellipse: s-maj=116.5km s-min=58.0km az=94.0

ISCJB 05 09:26:50.4±0.6, 4.98N±0.03, 76.03W±0.04, h116km±6km, mb3.1/1, Error ellipse: s-maj=7.3km s-min=3.6km az=26.2

ISCJB 05 09:01:10.4±0.6, 51.37N±0.05, 176.03W±0.04, h35km, mb3.4/3, Error ellipse: s-maj=7.2km s-min=3.5km az=0.7 NEIC 05 09:01:10.6±0.7, 51.37N±0.04, 176.06W±0.03, h40km±24km, earthModelld quakeml.us.anss.org/earthmodel/ak135 AEIC 05 09:01:11.0±0.7, 51.43N±0.05, 176.10W±0.03, h25km±6km, ML3.4

IDC 05 09:26:52.1±5.2, 6.08N, 73.95W, h178km±27km, mb2.9/1, mb1 3.1/1, mb1mx2.7/28, mbmtmp3.4/1, Error ellipse: s-maj=131.3km s-min=57.2km az=65.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ETKA, GSIG, GSCK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PLMC, RREF, GUYZ, etc.





Table with columns for station ID, name, elevation, coordinates, and various performance metrics. Includes stations like KLBO Killbear Provi, K49A Clarkson, L48A N Adas, etc., up to U54A Nelsons Funny.



Table with columns: MODS, Modra-Piesok, 80.00 352 eP, P, 09 46 29.0 -0.6, ADK Adak, 1.40 285, Pn, 09 49 42.6 -1.9, etc.

Table with columns: MODS, Modra-Piesok, 80.00 352 eP, P, 09 46 29.0 -0.6, ADK Adak, 1.40 285, Sn, 09 49 42.6 -1.9, etc.

Table with columns: MODS, Modra-Piesok, 80.00 352 eP, P, 09 46 29.0 -0.6, ADK Adak, 1.40 285, Sn, 09 49 42.6 -1.9, etc.

IDC 05 09 49: 15.4.0.5, 51.144N, 174.58W, h0km, mb4.3/30, mb1.4/32, mb1mx4.4/44, mbtmp4.3/32, MLA.1/2, MSA.3/1, MS1.4/31, ms1mx3.5/34, Error ellipse: s-maj=1.6,7km, s-min=10.0km az=170.0, AEIC 05 09 49: 15.2.8.5, 51.272N, 0.05: 174.43W, 0.03, h3km, 4km, M4.5, mb4.6/195(NEIC) ISCJB 05 09 49: 19.9.0.4, 51.54N, 0.04: 174.50W, 0.02, h38km, 3km, mb4.6/71, MS4.7/16, Error ellipse: s-maj=7.4km, s-min=2.4km az=174.1, MOS 05 09 49: 19.0.1.1, 51.50N, 174.53W, h32km, mb4.9/23, Error ellipse: s-maj=9.8km, s-min=7.7km, az=104.3, NEIC 05 09 49: 19.4.2.1, 51.50N, 0.07: 174.55W, 0.04, h21km, 5km, earthModelID quakem/us.anss.org/earthmodel/vak135, BUJ 05 09 49: 22.7.0.0, 52.06N, 175.42W, h30km, mb5.0/15, m85.1/37, Ms5.0/36, Ms7.4/8/33, ISC 05 09 49: 21.6.0.5, 51.54N, 0.07: 174.51W, 0.04, h37km, 1km, n519, r1812/471, mb4.6/124, MS4.6/16, 6C, Andreanof Islands





5d 10h

Table with columns for call sign, name, frequency, power, and other parameters. Includes stations like O57A Strasburg, O58A Lewisberry, N59A State Game Lan, etc.

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Table with columns for call sign, name, frequency, power, and other parameters. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GUN Gumbaa, etc.

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Table with columns for call sign, name, frequency, power, and other parameters. Includes stations like FINES FINES Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

ISCJB 05 09:56:29.6; 1.9, 51.17N; 0.08; 174.37W; 0.06, h27km; 21km, mb3.02, Error ellipse: s-maj=6.13km

NEIC 05 09:56:29.9; 1.1, 51.1N; 0.1; 174.33W; 0.07, h42km, 9gkm, mb1.3/6.4, mb1mx3.4/46, mbtmp3.3/4, ML3.5/2, Error ellipse: s-maj=156.3km s-min=62.4km az=102.0

AEIC 05 09:56:30.2; 0.1, 51.3N; 0.1; 174.45W; 0.07, h19km, 9gkm, ML2.7

IDC 05 09:56:37.9; 8.1, 51.89N; 173.10W, h0km, mb3.1/2, mb1.3/6.4, mb1mx3.4/46, mbtmp3.3/4, ML3.5/2, Error ellipse: s-maj=156.3km s-min=62.4km az=102.0

ISC 05 09:56:30.2; 0.2, 51.26N; 0.1; 174.40W; 0.05, h16km; 13km, n22, -0.63/30, Andeanof Islands

Table with columns for Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ATKA Atka Island, ATKA, KOPF Korovin Flat P, etc.

ISCJB 05 10:01:16.0; 1.6; 0.8; 6.47S; 0.07; 130.12E; 0.08, h146km, mb4.0/2, Error ellipse: s-maj=11.4km s-min=9.6km az=9.8

IDC 05 10:01:18.1; 1.2; 1.6; 4.0S; 130.13E, h155km; 23km, mb3.7/3, mb1.3/7.8, mb1mx3.4/32, mbtmp4.2/9, Error ellipse: s-maj=28.4km s-min=16.2km az=75.0

ISC 05 10:01:16.7; 0.9; 6.43S; 0.07; 130.20E; 0.1, h146km, n8, -0.35/14.1, Banda Sea

Table with columns for Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIJI Sorong, SIJI, BATI Baumata, etc.

DDA 05 10:07:28.7; 40.13N; 31.80E, h7km; 3km, ML2.5

ISK 05 10:07:29.0; 40.13N; 31.67E, h5km, ML2.4/2

ISC 05 10:07:29.4; 1.2; 40.14N; 0.03; 31.74E; 0.03, h4km; 10km, n21, -0.13/30, Turkey

Table with columns for Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KIBS BOLU, KIBS, AUMIH MIHALICIK, etc.



5d 10h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Boulder Array, Pinedale Array, Dagmar, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Kaye Shedlock, Trinidad, Almo Albuquerque, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Lebel-sur-Quev, Lanzhou, French Village, etc.

Table with columns for station ID (e.g., ACSO Alum Creek Sta), time, speed, and status (e.g., P, I, M). Includes rows for various stations like Frankford, Tweed, Kurchatov, Waverly, etc.

Table with columns for station ID (e.g., H59A Cadyclive), time, speed, and status. Includes rows for stations like Belvidere, Botvone Array, Hartsele, Gray, etc.

Table with columns for station ID (e.g., M60A Port Jervis), time, speed, and status. Includes rows for stations like Natural Bridge, Sparta, Nebo, Lake Joacosse, etc.

5d 10h

Table with columns: Station Name, Code, Time, Res, etc. Includes stations like Nuku Hiva Isla, Z57A Bowman, 156A Sylvania, etc.

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Table with columns: Station Name, Code, Time, Res, etc. Includes stations like DPC Dobruska-Polom, NKC Novy Kostel, MORC Moravsky Berou, etc.

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Table with columns: Code, Station Name, Time, Res, etc. Includes stations like GSIG Igitkin Island, GSNV Great Sitkin M, etc.

KRSC 05 10:39:12.61.3, 52.91N-160.83E, h52km±14km, ML3.6

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

IDC 05 10:57:11.9±0.6, 51.76N-174.98W, h0km, mb4.1/27, mb1.4/328, mb1mx4.2/52, mbtmp4.1/28, ML4.7/1, MS3.7/12, Ms1.7/12, ms1mx3.5/52, Error ellipse: s-maj=20.2km

MOS 05 10:57:15.3±1.5, 51.75N-174.82W, h33km, mb4.6/15, Error ellipse: s-maj=9.8km, s-min=8.8km, az=93.1°

AEIC 05 10:57:15.2±2.51, 49.16N-0.08:174.81W, h0.05, h26km±4km, ML4.7, mb4.7/195(NEIC)

BUI 05 10:57:16.1±0.0, 51.78N-175.24W, h33km, mb4.9/26, mb5.1/18, Ms4.6/12, Ms7.4/3/12

NEIC 05 10:57:16.7±1.9, 51.56N-0.07:174.83W, h0.04, h32km, 5km, earthModelID quakem:us.anss.org/earthmodel/ak135

ISCJB 05 10:57:17.1±0.4, 51.67N-0.05:174.84W, h0.03, h54km, 3km, mb4.3/49, MS3.9/17, Error ellipse: s-maj=8.4km

s-min=10.8km az=171.5°

GCMT 05 10:57:18.3±0.4, 51.50N-0.04:174.95W, h0.04, h29km, 1km, MW4.9/66, Moment Tensor Solution. s21,c29: s66,c28;

Duration: 0 Moment tensor: Scale 1019N; M1: 6.3±0.2; M2: 0.35±0.14; M3: 1.29±0.12; M4: 1.83±0.23; M5: 1.34±0.07; M6: 0.17±.18; Best double couple: Mo: 2.69600x1016

NP1: 0.68, 0.00000, 0.67, 0.00000, 0.124, 0.00000. NP2: 0.187, 0.00000, 0.40, 0.00000, 0.37, 0.00000. Principal axes: T 2.8990, Plg5.4/00000, Azm21.00000; N -0.4130, Plg1.00000, Azm233.00000; P -2.4930, Plg15.00000

Azm133.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 10:57:18.7±1.1, 51.58N-0.08:174.89W, h0.03, h33km, 6km, h542, ±1912/480, mb4.6/107, MS3.9/17, 2C, Andreanof Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like ATKA Atka Island, GSIG Igitkin Island, etc.

NEIC 05 10:55.9±2.9, 52.11N-0.2:175.3W, h0.1, h88km, 6km

Table with columns: Code, Name, Value, Unit, Status, Date, Time, etc. Includes entries like SSBA Shishaldin, FALS False Pass, SDPT Sand Point, etc.

Table with columns: Code, Name, Value, Unit, Status, Date, Time, etc. Includes entries like H04A comp=Z,5.2nm,0.7s, I04A Tendick Farm, L02E Cav Junction, etc.

Table with columns: Code, Name, Value, Unit, Status, Date, Time, etc. Includes entries like OGNE Ogallala, TIA Tairan, TUC Tucson, etc.

5d 10h

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like W39A Magazine, W39A Magazine, TOBO Toberory, Brub, etc.







Table with columns for station ID, name, elevation, and forecast values. Includes stations like Hardening Lake, Gilahina Butte, Eielson Array, etc.

Table with columns for station ID, name, elevation, and forecast values. Includes stations like Ryan, Eagleton, Mina Array Bea, etc.

Table with columns for station ID, name, elevation, and forecast values. Includes stations like Zalesovo Ben, Oliver, Polo, etc.

5d 11h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2013 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 05 11:30:10.1±8.0,0.98S:134.61E,h0km,mb3.6/2, mb1 3.7/3,mb1mx3.4/31,mbtm3.5/3,ML3.4/1,Error ellipse: s-maj=434.6km s-min=26.6km az=77.0,Irian Jaya region

IDC 05 11:36:02.8±1.4,5.66S:151.93E,h0km,mb3.6/2, mb1 4.1/3,mb1mx3.6/46,mbtm3.6/43,ML5.0/1,MS3.6/1, Ms1 3.6/1,ms1mx2.7/33,Error ellipse: s-maj=38.1km s-min=107.0,New Britain region

IDC 05 11:37:45.6±2.3,19.59S:178.03W,h0km,mb3.6/4, mb1 3.6/6,mb1mx3.6/43,mbtm3.6/4,Error ellipse: s-maj=137.3km s-min=30.0km az=155.0,Fiji Islands region

DJA 05 11:29:54.0±1.1,10°S±4°12'E±,h19km,9km,M4,2/9, MLV4.2/9, IDC 05 11:39:54.8±2.5,9.93S:121.77E,h90km,26km,mb4.2/2, mb1 3.6/6,mb1mx3.5/47,mbtm4.0/6,MS2.9/1,Ms1 2.9/1, ms1mx2.5/41,Error ellipse: s-maj=34.2km s-min=19.4km az=47.0, IDC 05 11:39:52.6±0.9,9.60S:006°121.84E:005,h44km,n15, c2889/18,Savu Sea

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WSI Wainagapu, BATI Baumata, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IAKL Akhmedad, ILAS Lasjerd, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ARSB Arslanbob, VRH Novokhoporsky, etc.

SJA 05 11:47:20.9; 1.0, 24.03S; 66.94W, h202km, 13km, ML3.2, MW3.2

ISCJB 05 11:47:22.3; 1.2, 23.95S; 0.07; 67.04W; 0.06, h197km, 16km, Error ellipse: s-maj=12.2km s-min=8.8km az=19.9

GUC 05 11:47:22.9; 0.6, 23.83S; 67.38W, h231km, 9km, ML3.6

ISC 05 11:47:20.2; 2.7, 24.00S; 0.09; 66.95W; 0.07, h213km, 23km, n23, r123/39, 8C-6D, Jujuy Province

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HJA Humahuaca, AZAP Zapla, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like XNQ Khinaliq, XNQ Qusar, GRMI Germi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ARU Arti, ARU Kurchatov, ARU Borovoye, etc.

IDC 05 12:00:43.5; 0.7, 39.18N; 54.67E, h0km, mb4, 1/20, mb1 4.2/30, mb1mx4 1/66, mb1mp4 1/30, ML3.8/9, MS3.7/2, Ms1 3.7/2, ms1mx2 8/46, Error ellipse: s-maj=16.0km s-min=6.0km az=60

ISCJB 05 12:00:43.9; 0.2, 39.50N; 0.02; 54.76E; 0.02, h10km, mb4, 1/24, MS3.6/1, Error ellipse: s-maj=2.8km s-min=2.4km az=30.8

TEH 05 12:00:43.9; 39.47N; 54.79E, h10km, ML4.3

THR 05 12:00:45.7; 39.33N; 54.82E, h14km, ML4.1

NEIC 05 12:00:45.4; 2.6, 39.43N; 0.08; 54.83E; 0.06, h10km, 2km, mb4, 1/16, earthModelID

quakemi: us.anss.org/earthmodel/ak135

MOS 05 12:00:47.8; 1.4, 39.58N; 54.67E, h33km, mb4.6/8, Error ellipse: s-maj=17.7km s-min=5.5km az=15.5

NNC 05 12:00:54.0; 4.2, 39.62N; 55.47E, h32km, 37km, mb4.4, Error ellipse: s-maj=34.3km s-min=16.2km az=72.0

AZER 05 12:00:54.5; 1.5, 40.99N; 54.11E, h10km, ml4, 3/14, Error ellipse: s-maj=13.7km s-min=5.6km az=120.0

ISC 05 12:00:44.9; 0.4, 39.51N; 0.04; 54.76E; 0.03, h10km, n203, c2511/214, mb4.2/24, 19C-18D, Turkmenistan

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GNI Garmi, IKOO Kooahsh, IDAH Dahanechah, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BIZ Bicaz, DOPR Dopca, VOIR Voiron, etc.

Table with columns: Noa, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and various station codes like NORSTAR, TLY, TLY, SONM, etc.

Table with columns: CMAR, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like Chiang Mai Arr, WHN, WMQ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like GB1A, GB1A, CUJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like ATKA, ATKA, KOPF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like JIKH, JIKH, JIO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like DRKO, DRKO, DRKO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like ATKA, ATKA, KOKL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like ATKA, ATKA, KOKL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like DRKO, DRKO, DRKO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like DMMP, DMMP, MATI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like MEX 05, MEX 05, MEX 05, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC, and station codes like TEIG, TEIG, FSCY, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MARP Paez Belalcaza, BARRC Barranca, Sant, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like 250A Grady, HKT Hockley, HKT Hockley, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like Y60A Bolivia, Y60A Bolivia, TDBA Terre Bas, etc.

5d 12h

2013 SEP

Table with columns: Station ID, Name, Time, Day, Status, and Value. Includes stations like W61A Ground Anchor, U53A Fall Branch, V58A Windy Hill, etc.

Table with columns: Station ID, Name, Time, Day, Status, and Value. Includes stations like R52A Catlettsburg, S57A Dark Hollow, S57A Dark Hollow, etc.

Table with columns: Station ID, Name, Time, Day, Status, and Value. Includes stations like SFIN Lafayette, SRIG Santa Rosalia, SRIG Santa Rosalia, etc.

Table with columns: TUC, comp, pmax, pmax, and various alphanumeric codes. Rows include TUC, Tucson, M55A, L42A, L49A, L50A, L44A, M56A, N59A, M57A, M57A, L53A, A53A, AAM, BRNJ, L60A, N40A, SCIA, M58A, ERPA, KSCO, KSCO, CPNY, K47A, K46A, ODNJ, K43A, L54A, K48A, PAL, K49A, SDCO, SDCO, L55A, LPAZ, LPAZ, K50A, K50A, M59A, M60A, K51A, X18A, L56A, L57A, WVNY, JFWF, K52A, M61A, BGNE, BGNE, BGNE, J47A, J47A, K54A, W18A, W18A, 214A, 214A, 214A, L58A, BINY, J45A, YLE, J49A, K55A, Tyno, S22A, K56A, J52A, Q24A, STCO, K57A.

Table with columns: MEDO, alphanumeric codes, and various alphanumeric codes. Rows include X16A, J54A, J54A, I46A, I42A, ACTO, MVCO, MVCO, I45A, K58A, K58A, I47A, I47A, J55A, I49A, I49A, I49A, OGNE, OGNE, I51A, TORO, I41A, BASO, I48A, J56A, I53A, I13A, M65A, BRYW, I52A, DRWO, BRCO, H43A, PKRO, WUAZ, WUAZ, MNMC, MNMC, H46A, J57A, J57A, ISCO, Y14A, Y14A, WLVO, H45A, H47A, H47A, J58A, H48A, H48A, CLWO, GLMI, PEMO, PEMO, PECO, PECO, PV13, HRV, HRV, HRV, HRV, ECSD, ECSD, ECSD, J59A, J59A, J59A, PV05, I55A, PV12, PV18, G45A, G45A, PB11, H52A, PV16, PV17, I58A, PV19, PV20, PV04.

Table with columns: ACCN, alphanumeric codes, and various alphanumeric codes. Rows include ACCN, I57A, PV14, GO01, H53A, PV23, G47A, SADO, DELO, DELO, GLA, G46A, H55A, G40A, G40A, TOBO, Y12C, Y12C, NCB, G39A, PDMCI, H23A, N56A, F45A, U15A, SPMN, H57A, G53A, KLBO, BANO, F42A, W13A, W13A, PLVO, PLVO, BUKO, F49A, SWSC, F48A, H58A, IKP, LONY, LONY, G54A, BC3, O20A, O20A, NEE2, IRM, G55A, COWI, SUSD, SUSD, VT1, F52A, H59A, F51A, MONP2, E43A, E43A, E46A, G57A, LBNH, LBNH, BAR, PEMO, FRNY, E47A, E44A, ALGO, ORIO, ORIO, E48A, BELC, G58A, E50A, PFO, PFO, F55A, RWWY, RWWY.



Table with columns for station ID (e.g., E52A), name (e.g., Mattawa), and various data points including coordinates, elevation, and other identifiers.

Table with columns for station ID (e.g., R11A), name (e.g., Troy Canyon), and various data points including coordinates, elevation, and other identifiers.

Table with columns for station ID (e.g., LCO), name (e.g., Las Campanas), and various data points including coordinates, elevation, and other identifiers.

Table with columns: Code, Name, Date, Time, Location, Status, and other details. Includes entries like SCQH Schefferville, LTY Liberty, F04A Ambo, etc.

Table with columns: Code, Name, Date, Time, Location, Status, and other details. Includes entries like VRDI Hamilton, HMT Hamilton, BCAR Beaver Creek, etc.

Table with columns: Code, Name, Date, Time, Location, Status, and other details. Includes entries like SVW2 comp=Z,95nm,1.5s, XMAS Kirtimat, IMAR Inland Mountain, etc.

5d 12h

Table of flight data for the left column, including airlines like CLL, TAM, ARAD, ARCES, etc., with columns for flight number, class, status, and time.

2013 SEP

Table of flight data for the middle column, including airlines like BLY, OJC, QJC, etc., with columns for flight number, class, status, and time.

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Table of flight data for the right column, including airlines like MAK, BRVK, BOVA, etc., with columns for flight number, class, status, and time.

Table with columns: Station Name, Time, Res, and various codes (e.g., PKP, PKPpdf, PKP). Rows include stations like Baotou, Kashi, Shamm, Tai'an, etc.

Table with columns: Station Name, Time, Res, and various codes. Rows include stations like GYA, PKIN, PKI, JIRN, etc.

Table with columns: Station Name, Time, Res, and various codes. Rows include stations like KLY, KLY, KRSR, etc.



Table of station data for 371, including station names like Matagalpa, Las Esperanzas, San Juan de Ri, Tegucigalpa, El Apazole, Matias Romero, Crawfordville, etc., with columns for time, frequency, and other parameters.

Table of station data for 2013 SEP, including station names like Wyandotte Cave, Leisburg, Shelbyville, Paris, Cathedral Cave, Hillsboro, Dark Hollow, etc., with columns for time, frequency, and other parameters.

Table of station data for 5d 14h, including station names like Borinquen Arri, Cuiplapa, Las Juntas de, etc., with columns for time, frequency, and other parameters.

DCD 05 14:47:32.81, 1.72N, -86.36W, h0km, mb3.6/3, mb1 4.0/5, mb1mx3.7/3, mbmp3.7/5, ML3.5/2, MS2.7/2, Ms1 2.7/2, ms1mx2.6/36, Error ellipse: s-maj=61.8km s-min=28.9km az=162.0

UCR 05 14:55:37.12, 1.039N, 86.36W, h5km, MW4.2, 6C, Off coast of Costa Rica

NEIC 05 14:50:8.2, 2.634S, 0.07x150.16E, 0.07, h10km, 4km, mb4.3/10, earthModelID

ISC/JB 05 14:57:54.0, 6.32S, 0.06x149.93E, 0.08, h43km, mb3.9/8, Error ellipse: s-maj=13.5km s-min=5.4km az=36.3

ISC 05 14:57:56.3, 1.2, 6.41S, 150.05E, h45km, 12km, mb3.9/8, mb1 4.2/10, mb1mx3.9/37, mbmp4.2/10, ML1.9/1, Error ellipse: s-maj=29.9km s-min=7.9km az=131.0

ISC 05 14:57:55.9, 0.6, 6.31S, 0.07x149.96E, 0.09, h43km, n35, r1504/36, mb4.1/12, New Britain region

NEIC 05 14:47:44.5, 1.0, 10.3N, 0.1x86.41W, 0.1, h10km, 2km, mb4.3/18, earthModelID

5d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Korea Array, Petropavlovsk, PEAK1, etc.

ISCJB 05 14:57:57.2±0.8, 10.80N±0.09; 93.46E±0.08, h123km, mb3.9/8, Error ellipse: s-maj=12.3km s-min=10.6km az=163.7

IDC 05 14:58:02.4±3.4, 11.10N±93.73E, h148km, mb3.6/8, mb1 3.6/10, mb1mx3.3/59, mbtmp4.0/10, Error ellipse: s-maj=29.4km s-min=14.3km az=52.0

ISC 05 14:57:59.1±0.1, 10.9N±0.1; 93.4E±0.1, h123km, n21, a1505/19, mb3.7/8, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Chiang Mai Arr, Palk, JIRN, etc.

ISCJB 05 15:02:47.0±0.5, 34.70N±0.06; 137.70E±0.06, h303km, 4km, Error ellipse: s-maj=9.4km s-min=7.6km az=168.2

IDC 05 15:02:47.6±0.8, 34.63N±137.58E, h293km, 11km, mb2.7/3, mb1 2.9/6, mb1mx2.7/54, mbtmp3.5/6, Error ellipse: s-maj=32.7km s-min=10.4km az=70.0

JMA 05 15:02:47.3±0.2, 34.60N±137.69E, h303km, 2km, M3.91

ISC 05 15:02:47.8±0.9, 34.70N±0.07; 137.68E±0.06, h293km, 7km, n29, c089/42, Near south coast of eastern Honshu

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

ISCJB 05 15:03:14.8±0.3, 21.08S±0.03; 68.88W±0.07, h135km, 4km, Error ellipse: s-maj=10.1km s-min=4.3km az=5.3

IDC 05 15:03:16.0±0.8, 21.03S±68.65W, h118km, 7km, mb4.2/7, mb1 4.1/10, mb1mx3.9/36, mbtmp4.5/10, MS2.8/1

NEIC 05 15:03:15.5±2.0, 21.07S±0.04; 68.88W±0.04, h129km, 6km, earthModelID quakeml.us.anss.org/earthmodelak135

VAO 05 15:03:15.2±0.4, 21.16S±69.01W, h155km, 4km, mb4.2

GUC 05 15:03:16.0±0.7, 21.03S±68.96W, h124km, 3km, ML4.1

2013 SEP

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

ISCJB 05 15:05:06.5±0.9, 51.6N±0.2; 30.1W±0.2, h102km, mb3.4/7, MS3.0/2, Error ellipse: s-maj=23.5km s-min=15.8km az=0.5

IDC 05 15:05:07.3±0.9, 51.56N±30.12W, h0km, mb3.4/7, mb1 3.7/8, mb1mx3.5/53, mbtmp3.5/8, ML4.3/1, MS3.2/2, MS1 3.2/2, ms1mx2.7/41, Error ellipse: s-maj=30.0km s-min=20.3km az=1.7

ISC 05 15:05:08.5±0.9, 51.6N±0.2; 30.1W±0.1, h101km, n12, a0564/10, mb3.5/7, Northern Mid-Atlantic ridge

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

ISCJB 05 15:05:06.5±0.9, 51.6N±0.2; 30.1W±0.2, h102km, mb3.4/7, MS3.0/2, Error ellipse: s-maj=23.5km s-min=15.8km az=0.5

IDC 05 15:05:07.3±0.9, 51.56N±30.12W, h0km, mb3.4/7, mb1 3.7/8, mb1mx3.5/53, mbtmp3.5/8, ML4.3/1, MS3.2/2, MS1 3.2/2, ms1mx2.7/41, Error ellipse: s-maj=30.0km s-min=20.3km az=1.7

ISC 05 15:05:08.5±0.9, 51.6N±0.2; 30.1W±0.1, h101km, n12, a0564/10, mb3.5/7, Northern Mid-Atlantic ridge

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

ISCJB 05 15:05:06.5±0.9, 51.6N±0.2; 30.1W±0.2, h102km, mb3.4/7, MS3.0/2, Error ellipse: s-maj=23.5km s-min=15.8km az=0.5

IDC 05 15:05:07.3±0.9, 51.56N±30.12W, h0km, mb3.4/7, mb1 3.7/8, mb1mx3.5/53, mbtmp3.5/8, ML4.3/1, MS3.2/2, MS1 3.2/2, ms1mx2.7/41, Error ellipse: s-maj=30.0km s-min=20.3km az=1.7

ISC 05 15:05:08.5±0.9, 51.6N±0.2; 30.1W±0.1, h101km, n12, a0564/10, mb3.5/7, Northern Mid-Atlantic ridge

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Onseca Array, NORARS Array B, Hofs, etc.

MAN 05 15:10:10.9, 7.72N±125.63E, h1km, mb4.3, ML3.1, MS2.8, Mindanao

IDC 05 15:11:53.1±0.8, 15.19S±173.82W, h0km, mb4.1/9, mb1 4.3/9, mb1mx4.1/29, mbtmp4.1/9, Error ellipse: s-maj=36.1km s-min=17.3km az=134.0

ISCJB 05 15:11:56.6±0.4, 15.06S±0.07; 174.07W±0.07, h30km, mb4.1/0, Error ellipse: s-maj=11.4km s-min=7.9km

NEIC 05 15:11:59.5±2.3, 15.11S±174.00W±0.07, h38km, 3km, mb4.8/13, earthModelID quakeml.us.anss.org/earthmodelak135

ISC 05 15:11:58.1±0.5, 15.13S±0.07; 173.84W±0.07, h30km, n40, a1546/35, mb4.6/16, Tonga Islands

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

ISCJB 05 15:02:47.0±0.5, 34.70N±0.06; 137.70E±0.06, h303km, 4km, Error ellipse: s-maj=9.4km s-min=7.6km az=168.2

IDC 05 15:02:47.6±0.8, 34.63N±137.58E, h293km, 11km, mb2.7/3, mb1 2.9/6, mb1mx2.7/54, mbtmp3.5/6, Error ellipse: s-maj=32.7km s-min=10.4km az=70.0

JMA 05 15:02:47.3±0.2, 34.60N±137.69E, h303km, 2km, M3.91

ISC 05 15:02:47.8±0.9, 34.70N±0.07; 137.68E±0.06, h293km, 7km, n29, c089/42, Near south coast of eastern Honshu

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

ISCJB 05 15:13:13.8±1.2, 18.13S±0.2; 168.8E±0.3, h201km, mb3.6/5, Error ellipse: s-maj=43.9km s-min=18.6km az=42.9

IDC 05 15:13:16.1±4.0, 18.65S±169.11E, h218km, 45km, mb3.5/5, mb1 3.7/6, mb1mx3.4/29, mbtmp4.0/6, Error ellipse: s-maj=87.8km s-min=22.8km az=157.0

ISC 05 15:13:14.8±1.3, 18.4S±0.3; 169.0E±0.3, h201km, n7, a074/6, mb3.7/5, Vanuatu Islands

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









Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like M04C Macdoel, SAO San Andreas Ge, B05A Bryant, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like R11A Troy Canyon, BC3 Big Chubbuck, SHPR Sheep Range, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like JCT Junction City, WMOK Wichita Moun, WMOK Wichita Moun, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Sonseca Array, Otavalo, OTAV, PB11, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PMG, PMG, COEN, RABL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like OHAK, IMAR, IMAR, MLY, etc.

ISC/JB 05 15:37:16.6:0.4,24.91N:0.02:122.10E:0.02, h3km,3km, Error ellipse: s-maj=4.0km s-min=3.3km az=139.9

TAP 05 15:37:17.4,24.90N:122.03E, h80km, ML2.6, JMA 05 15:37:17.4,24.90N:122.01E, h80km, ML2.6

ISC 05 15:37:16.6:0.8,24.93N:0.03:122.07E:0.02, h15km,5km, n50,az56/73,Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWB1, TWB1, TWB1, EGS, etc.

BUJ 05 15:35:02.6:0.0,7.82S:144.63E,h34km,mb4.7/27, mB5.1/19,M4.9/13,M7.4/6/10, IDC 05 15:35:03.2:0.7,7.28S:144.13E,h0km,mb4.6/12, mb1.4/7.16,mb1mx4.5/39,mbtmp4.6/16,ML3.0/2, Error ellipse: s-maj=20.8km s-min=16.8km az=99.0

NEIC 05 15:35:05.2:1.9,7.21S:0.08:144.18E:0.08,h11km,1km, mb4.9/42,earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC/JB 05 15:35:06.7:0.2,7.36S:0.04:144.12E:0.04,h33km, mb4.6/17, Error ellipse: s-maj=6.4km s-min=5.5km az=126.7, IDC 05 15:35:06.7:0.4,7.32S:0.06:144.15E:0.06,h35km,n100, +f32/104,mb4.9/38,Near south coast of New Guinea az=126.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchiao, ETJLH Xiulin Townshi, YONG Yonagunijimaku, etc.

IDC 05 15:43:00.5:0.9,26:34N:143:90E,h0km,mb3.8/8, mb1 3.8/9,mb1mx3.8/49,mbtmp3.8/10,ML3.2/2,MS4.2/4, Ms1 4.2/4,ms1mx3.7/34,Error ellipse: s-maj=26.3km s-min=18.6km az=33.0

ISCJB 05 15:43:03.4:0.9,26:33N:0:1:143:90E:0.1,h31km,mb3.8/7, MS4.8/1,Error ellipse: s-maj=21.6km s-min=11.3km az=27.7

ISC 05 15:43:05.2:0.9,26:55N:0:1:143:90E:0.1,h31km,n18, <099/13,mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

IDC 05 15:48:31.4:0.9,51:30N:176:88W,h0km,mb3.5/7, mb1 3.8/9,mb1mx3.6/69,mbtmp3.5/9,ML2.9/2,Error ellipse: s-maj=43.4km s-min=16.6km az=154.0

ISCJB 05 15:48:37.0:0.6,51:28N:0:05:177:07W:0.05,h35km, mb3.5/6,Error ellipse: s-maj=6.8km s-min=4.6km az=171.1

AEIC 05 15:48:38:1.7,51:41N:0:08:177:06W:0.05,h2km,7km, ML3.5

NEIC 05 15:48:39.3:1.0,51:5N:0:1:177:06W:0:08,h43km,17km, earthModelID quaker/us.anss.org/earthmodel/ak135

ISC 05 15:48:37.1:0.8,51:40N:0:08:177:06W:0:04,h35km,n37, <194/10,mb3.7/6,Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIMD Kanaga Island, KIKV Kanaga Island, ADK Adak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N3 WAKE ISLAND Hy 34.04 208, YKA Yellowknife Ar, H11S1 WAKE ISLAND Hy 35.24 207, etc.

IDC 05 15:49:02.6:3.0,22:89N:11:71W,h0km,mb3.9/4, mb1 3.8/6,mb1mx3.5/61,mbtmp3.7/6,ML4.0/2,Error ellipse: s-maj=100.4km s-min=34.8km az=88.0

ISC 05 15:49:06.0:1.7,22:92N:0:08:11:5W:0:3,h10km,n13, <2507/15,mb3.9/4,Mauritania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFNM Sidi Ifni, TTIG Trine Tigouga, OUK Oukaimeden, etc.

TAP 05 15:50:37.9:0.2,24:25N:121:76E,h11km,ML2.6,B JMA 05 15:50:37.7:0.1,24:20N:121:78E,h18km,3km

ISCJB 05 15:50:38.3:0.3,24:24N:0:008:121:80E:0.02, h12km,1km,Error ellipse: s-maj=2.4km s-min=1.3km az=17.5

ISC 05 15:50:37.9:0.9,24:23N:0:01:121:78E:0:02,h15km,6km, n106,<059/210,Taiwan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NTC Toucheng, EGS baz=6.0, EGS baz=15, EGFH Guangfu, etc.

5d 16h

Table with columns: WNT, Minjian, 1.06 251 eP, Pb, 15 50 57.9 -0.1, 0.1nm,0.4s,baz=126,slow=7.3,SNR=2.1

IDC 05 16:04:09.8-4.7,7.42S:143.90E,h0km,mb3.3/2, mb1 3.5/4,mb1mx3.3/2,mbtmp3.4/2,ML2.8/2, Error ellipse: s-maj=132.0km s-min=32.2km az=106.0,Near south coast of New Guinea

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

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

IDC 05 16:10:40.8-7.17,58S:178.02W,h0km,mb3.5/3, mb1 3.8/3,mb1mx3.6/2,mbtmp3.5/3, Error ellipse: s-maj=337.8km s-min=37.0km az=144.0,Fiji Islands region

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

ISK 05 16:16:04.4,38.85N:25.93E,h5km,ML2.5/7 DDA 05 16:16:04.7,38.85N:25.92E,h7km,3km,ML2.7 ATH 05 16:16:05.1,38.85N:25.92E,h16km,2km,ML2.2/6, Error ellipse: s-maj=2.7km s-min=1.0km az=118.0

THE 05 16:16:05.0,38.85N:25.94E,h4km,29km,ML2.0/3, Error ellipse: s-maj=29.7km s-min=0.7km az=276.0

ISC 05 16:16:04.5-1.0,38.86N:0.02:25.79E,0.03,h16km,9km, n26,e047/44,Aegean Sea

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

IDC 05 16:29:54.6:0.8,7.26S:144.17E,h0km,mb4.0/9, mb1 4.2/12,mb1mx4.0/39,mbtmp4.0/12,ML3.7/2,MS3.6/6, Ms1 3.6/6,ms1mx3.2/27, Error ellipse: s-maj=24.8km s-min=17.5km az=85.0

NEIC 05 16:29:56.9:2.6,7.34S:0.07:144.03E:0.07,h12km,5km, mb4.4/15,earthModelId quakemi.us.anss.org/earthmodel/ak135

ISC 05 16:30:00.2-0.6,7.43S:0.06:143.96E:0.07,h35km,n43, e235/45,mb4.2/1,MS3.6/3,Near south coast of New Guinea

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

IDC 05 16:29:54.6:0.8,7.26S:144.17E,h0km,mb4.0/9, mb1 4.2/12,mb1mx4.0/39,mbtmp4.0/12,ML3.7/2,MS3.6/6, Ms1 3.6/6,ms1mx3.2/27, Error ellipse: s-maj=24.8km s-min=17.5km az=85.0

NEIC 05 16:29:56.9:2.6,7.34S:0.07:144.03E:0.07,h12km,5km, mb4.4/15,earthModelId quakemi.us.anss.org/earthmodel/ak135

ISC 05 16:29:54.6:0.8,7.26S:144.04E:0.05,h33km, mb4.0/8,MS3.6/3, Error ellipse: s-maj=7.8km s-min=6.3km az=155.8

ISC 05 16:30:00.2-0.6,7.43S:0.06:143.96E:0.07,h35km,n43, e235/45,mb4.2/1,MS3.6/3,Near south coast of New Guinea

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

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

ISCJB 05 16:33:52.7:0.4,17.53N:0.03:145.84E:0.05, h211km,4km,mb4.2/21, Error ellipse: s-maj=8.5km s-min=4.7km az=7.4

BJJ 05 16:33:52.0:0.0,17.50N:145.80E,h205km,mb4.4/18, mb4.7/14

IDC 05 16:33:52.4:0.7,17.54N:145.94E,h196km,6km,mb4.1/12, mb1 4.2/14,mb1mx3.8/43,mbtmp4.6/14,MS3.3/1, Ms1 3.3/1,ms1mx2.6/39, Error ellipse: s-maj=14.7km s-min=7.4km az=100.0

NEIC 05 16:33:53.9:1.7,17.53N:0.07:145.77E:0.07, h207km,4km,mb4.7/76,earthModelId quakemi.us.anss.org/earthmodel/ak135

ISC 05 16:33:53.7:0.4,17.54N:0.05:145.85E:0.08,h205km,4km, h206km,p-P,n134,e1920/147,mb4.6/56,1D,Mariana Islands

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

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LUWI, WHN, BJI, BATI, FNRA, FITZ, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MDM, CCB, ILAR, ILAR, PLWZ, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DJA, IGBI, DNP, JAGI, etc.



5K 18h

Table with columns: STA, Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate. Includes stations like Stephens Creek, Lembang, Chiang Mai Arr, etc.

JMA 05 17:44:21.5:0.1, 24.69N:122.58E, h18km, 2km, M1.6
TAP 05 17:44:21.6, 24.41N:122.52E, h15km, ML2.4, C, Taiwan region

Main table for JMA 05 17:44:21.6, 24.41N:122.52E, h15km, ML2.4, C, Taiwan region. Columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate.

TAP 05 17:44:43.7, 24.34N:121.72E, h25km, ML1.9, C, Taiwan

Main table for TAP 05 17:44:43.7, 24.34N:121.72E, h25km, ML1.9, C, Taiwan. Columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate.

ISCJB 05 17:51:54.1:0.5, 8.23S:0.05x117.28E:0.04, h10km, mb3.6/3, Error ellipse: s-maj=7.3km s-min=5.7km az=20.0
DJA 05 17:51:55.6:0.9, 8.56S:111.7E, h11km, 8km, M3.9/9, MLV3.9/9
IDC 05 17:52:00.7:6.5, 8.23S:117.36E, h54km, 61km, mb3.2/4, mb1.3/6, mb1mx3.3/1, mb1mp3.7/6, ML3.9/2, Error ellipse: s-maj=51.9km s-min=14.9km az=72.0

Table for ISC 05 17:51:55.1:0.9, 8.28S:0.06, 117.25E:0.05, h10km, n13, s=112.16, mb3.7/3, Sumbawa region. Columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate.

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Table with columns: BATI, Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate. Includes stations like Baumata, WRA, ASAR, SONMI, MKAR.

MAN 05 17:54:55.2, 5.99N:124.48E, h15km, mb4.0, ML2.8, MS2.3, Mindanao

Table for MAN 05 17:54:55.2, 5.99N:124.48E, h15km, mb4.0, ML2.8, MS2.3, Mindanao. Columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate.

ATH 05 18:06:00.4, 38.86N:25.94E, h28km, 1km, ML2.6/7, Error ellipse: s-maj=2.1km s-min=1.1km az=87.0
ISK 05 18:06:00.2, 38.86N:25.91E, h10km, ML3.0/13
DDA 05 18:06:00.8, 38.89N:25.97E, h8km, 2km, ML3.0
ISCJB 05 18:06:01.4:0.3, 38.86N:0.02:25.92E:0.03, h20km, 5km, Error ellipse: s-maj=4.3km s-min=3.2km az=0.4
THE 05 18:06:01.1, 38.85N:25.91E, h9km, 1km, ML2.5/4, Error ellipse: s-maj=2.5km s-min=0.6km az=90.0

ISC 05 18:06:01.0:0.9, 38.86N:0.02:25.93E:0.03, h16km, 8km, n41, c=646/62, Aegean Sea

Main table for MAN 05 18:06:01.0:0.9, 38.86N:0.02:25.93E:0.03, h16km, 8km, n41, c=646/62, Aegean Sea. Columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate.

IDC 05 18:11:27.0:0.7, 33.22N:75.38E, h0km, mb4.1/23, mb1.4/228, mb1mx1.7/50, mb1mp4.1/28, ML4.0/5, MS3.5/19, Ms1.3/6/19, ms1mx3.3/57, Error ellipse: s-maj=17.4km s-min=12.5km az=36.0

Table for IDC 05 18:11:28.6:1.6, 33.22N:75.40E:0.07, h10km, 2km, mb4.5/14, earthModelID/ak135
MOS 05 18:11:28.4:1.3, 33.35N:75.55E, h13km, mb4.5/13, Error ellipse: s-maj=10.1km s-min=5.7km az=96.1
ISCJB 05 18:11:28.9:0.2, 33.26N:0.02:75.43E:0.03, h22km, mb4.1/34, MS3.6/17, Error ellipse: s-maj=4.1km s-min=2.7km az=167.4
NDI 05 18:11:30.8:1.9, 33.25N:75.26E, h10km, ML4.4,

mb4.5(NEIC)
BUJ 05 18:11:35.8:0.0, 33.73N:76.17E, h12km, mb4.5/22, mb4.6/16, ML4.4/3, Ms4.1/13, Ms7.3/9/12
NMC 05 18:11:39.4:4.4, 33.68N:75.33E, h65km, 27km, mb4.2, mp4.6, Error ellipse: s-maj=41.1km s-min=20.7km az=8.0
ISC 05 18:11:30.0:0.3, 33.23N:0.03:75.36E:0.03, h22km, n172, c=243/185, mb4.3/35, MS3.7/17, 10C-9D, Eastern Kashmir

Main table for ISC 05 18:11:30.0:0.3, 33.23N:0.03:75.36E:0.03, h22km, n172, c=243/185, mb4.3/35, MS3.7/17, 10C-9D, Eastern Kashmir. Columns: Code, Station Name, Azimuth, Elevation, Range, Azimuth Error, Elevation Error, Range Error, Azimuth Rate, Elevation Rate, Range Rate.



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

Table with columns: CNMP, OHAK, BRLK, etc. Includes stations like China Poot, Old Harbor, Bradley Lake, etc.

Table with columns: AKLM, AKL, EMEL, etc. Includes stations like AKL, Melilla, Chefchaouen, etc.

IDC 05 18:29:59.9, 1.2, 7.19S, 144.15E, h0km, mb3.6/4, mb1 3.8/7, mb1mx3.5/36, mbtmp3.6/7, ML3.2/2, Error ellipse: s-maj=29.6km s-min=26.1km az=101.0, Near south coast of New Guinea

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

UCR 05 18:31:27.4, 1.7, 9.88N, 85.71W, h3km, MW3.9, 6C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS, CUJ, ARE1, etc.

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

SJA 05 18:36:14.5, 1.0, 27.91S, 66.84W, h175km, 7km, ML2.7, MW3.6, Catamarca Province

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

ISCJB 05 18:38:31.9, 0.3, 24.81N, 0.02, 121.94E, 0.02, h85km, 2km, Error ellipse: s-maj=3.1km s-min=2.2km az=153.8

JMA 05 18:38:31.6, 0.3, 24.81N, 121.93E, h85km, 4km, M3.2, TAP 05 18:38:32.4, 24.79N, 121.94E, h81km, ML4.0, ISC 05 18:38:32.6, 1.2, 24.80N, 0.03, 121.94E, 0.02, h81km, 5km, n134, 0.668/227, 46C-2D, Taiwan

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



5d 20h

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like EDBA Buenos Aires, DRKO Durika, EDNP Palmer Norte, etc.

IDC 05 19:17:49.8±1.6, 7.23S-144.20E, h0km, mb3.5/2, mb1 3.6/5, mb1mx3.4/2, mbtmp3.5/5, ML2.3/2, Error ellipse: s-maj=33.4km s-min=27.2km az=44.0, Near south coast of New Guinea

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

UCR 05 19:32:21.4±0.8, 9.94N-85.71W, h4km±12km, MW3.5, Off coast of Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like JTS Las Juntas de, CUI Cuiplapa, GB1A Borinquen Arri, etc.

UCR 05 19:33:43.9±0.4, 10.25N-86.32W, h1km±999km, MW3.6, 3C, Off coast of Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like GB1A Borinquen Arri, CUI Cuiplapa, JTS Las Juntas de, etc.

MAN 05 19:37:30.4, 13.29N-121.24E, h31km, mb3.9, ML2.6, MS2.2, 1C, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like PGP Puerto Galera, BOAC Boac, SJMP San Jose.

SOME 05 19:53:45.6, 39.97N-76.43E, h0km, KRNET 05 19:53:47.3±0.1, 39.91N-76.38E, mb2.9, NNC 05 19:53:48.0±0.9, 39.97N-76.50E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=6.2km s-min=4.6km az=172.0

ISC 05 19:53:45.2±2.8, 39.9N-071.739E, 0.04, h10km±18km, n41, ±1566/62, 19C-7D, Southern Xinjiang

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like NRR Naryn, KDJ Kajsay, KZK Kyzart, etc.

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Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like KOTS Kotybulak, KOTS Kotybulak, KOTS Kotybulak, etc.

ISC/JB 05 20:06:47.7±0.5, 37.37N-0.04±37.16E±0.03, h1km±6km, Error ellipse: s-maj=6.5km s-min=3.4km az=15.3

DDA 05 20:06:47.0, 37.38N-37.15E, h7km±4km, ML2.7, ISK 05 20:06:47.1, 37.35N-37.11E, h5km, ML 1.9/5, ISK 05 20:06:47.0±0.9, 37.33N-0.04±37.14E±0.02, h11km±8km, n15, c057/25, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like GAZ Gaziantep, KHRM Kahrmanmara, KAMA Kama, etc.

ISC/JB 05 20:11:58.9±0.3, 69.15N-0.02±144.40W±0.07, h10km, mb3.8/12, MS3.3/7, Error ellipse: s-maj=3.4km

NEIC 05 20:11:59.9±1.3, 69.16N-0.05±144.54W±0.02, h1km±4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M1:1.87; M2:0.69; M3:0.81; M4:0.99; M5:4.26; M6:0.26; Fault plane solution: M69.05000x10^14 NPT: 0±300.72000°, 886.46000°, A-176.51000°; NP2: 0±210.50000°, 886.52000°, A-355000°; Principal axes: T 7.9055, P1g0.0000°, Azm256.0000°, N 1.9637, P1g85.0000°, Azm346.0000°, P -9.8692, P1g5.0000°, Azm166.0000°; earthModelID: quakeml.us.anss.org/earthmodel/ak135

AEIC 05 20:12:00.1±2.69, 19N-0.06±144.54W±0.02, h3km±4km, ML4.2, Mw3.9(NEIC), Mw4.1(OTT), Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1:0.06; M2:0.15; M3:0.09; M4:0.00; M5:0.05; M6:0.07; IDC 05 20:12:01.8±0.7, 69.22N-144.80W, h0km, mb3.8/11, mb1 4.1/14, mb1mx3.9/43, mbtmp3.8/14, ML3.8/3, MS3.1/11, M51 3.1/11, m51mx2.8/62, Error ellipse: s-maj=21.5km s-min=14.1km az=55.0

HIC 05 20:12:01.7±1.69, 23N-144.69W, h10km, ML4.2/1, Mw4.1, 180km ESE of Prudhoe Bay, AK Northern Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like A36M A36M, PPLA Parakey, YUK1 Sand Pete Hill, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like ANF 05 20:12:03.5±1.5, 69.16N-144.56W, h30km±16km, ML4.8/5, Error ellipse: s-maj=11.0km s-min=4.5km az=7.0, ISC 05 20:12:01.7±0.4, 69.13N-0.04±144.38W±0.04, h10km, n137, c181/151, mb3.8/12, MS3.3/7, Northern Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Includes stations like BMAR Burnt Mountain, PS01 TAPL Pump Stn, TOLK Toolik Lake, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RES Akutan Bay, AKUT Akutan, GSTR Great Sittin T, etc.

UCR 05:20:13.41.6.0.6, 10'48N.86'13W, h23km±7km, MW3.9, 3C, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CUI Cuipilapa, ARE1 Arenal 1, etc.

IDC 05:20:16:11.5.0.5.20'45S:173'68W, h0km, mb4.4/18, mb1.4.6/20, mb1mx4.4/46, mbmp4.4/20, ML4.3/2, MS4.2/18, MS1.4/218, ms1mx4.0/36, Error ellipse: s-maj=23.2km, s-min=13.5km, az=142.0.

ISCJB 05:20:16:13.0.2.0.2.20'37S:0'05:173'64W:0'05, h21km, mb4.4/21, MS4.2/19, Error ellipse: s-maj=8.6km, s-min=4.4km, az=142.3.

GCMT 05:20:16:16.0.0.4.20'53S:0'04:173'01W:0'03, h20km, 1km, MW4.9/79, Moment Tensor Solution, s28.c31, s79.c99; Duration: 0 Moment tensor: Scale 1019Nm; Mr3.01±.20; Mw-1.22±.20; Mw-1.80±.20; Mw0.36±.29; Mw0-.40±.08; Mw1.37±.20; Best double couple: Mo2.883000±0.12NP1±.22.000000±.860.000000±.186.000000±. NP2: ±.209.000000±.831.000000±.196.000000±. Principal axes: T 3.3850, Plg75.0000, Azm282.0000; N -1.0140, Plg13.0000, Azm24.0000; P -2.3810, Plg15.0000; Azm114.0000; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function.

NEIC 05:20:16:18.3.8.0.20'31S:0'06:173'63W:0'06, h48km, 5km, mb4.9/104, earthModelID: quakeml:us.anss.org/earthmodel/lak135

ISC 05:20:16:14.2.0.4.20'44S:0'07:173'47W:0'08, h21km, n215, ±151/204, mb4.9/64, MS4.3/19, 10C-8D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, RAO Raoul Island, etc.

Table with columns: LTZ, Iamb, Iamb, 20 21 51.9, etc. Includes stations like OXZ Oxford, RPZ Rata Peaks, HNR Honiara, etc.

Table with columns: ANMO Albuquerque, ANMO Nyswonger Mesa, PV16 Carpenter Ridge, etc. Includes stations like ANMO Albuquerque, ANMO Nyswonger Mesa, PV16 Carpenter Ridge, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHC Kasperke Hory, ARR Arges, GECZ GRESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAWZ Paruwai Farm, THW Tophouse, MTZ Mount Morrison, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARE1 Arenal 1, AZU Azuero, BCIP Isula Barro Col, etc.

IDC 05 20:16:54.5±2.5, 6.02S±149.79E, h63km, 33km, mb3.4/3, mb1 3.8/5, mb1mx3.4/40, mbtmp3.9/5, ML2.3/1, MS3.0/3, Ms1 3.0/3, ms1mx2.7/26, Error ellipse: s-maj=102.7km s-min=15.8km az=133.0, New Britain region

IDC 05 20:30:28.9±1.0, 51.50N±174.53W, h0km, mb3.8/14, mb1 3.9/15, mb1mx3.7/77, mbtmp3.8/15, ML3.8/1, MS3.1/1, Ms1 3.1/1, ms1mx2.4/47, Error ellipse: s-maj=27.5km s-min=19.0km az=149

ISCJB 05 20:37:47.9±0.5, 14.03N±120.64E, h200km, mb3.2/7, Error ellipse: s-maj=11.6km s-min=7.1km az=176

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATKA Atka Island, KOPF Korovin Flat P, KOKL Mount Kluechev, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGy Tagaytay City, LUBP Lungsod ng Bay, PGP Puerto Galera, etc.

WEL 05 20:21:04.7±1.4, 37°S±15°18'E, h103km, M3.2/10, ML3.5/8, MLV3.2/10, Error ellipse: s-maj=0.0km s-min=0.0km az=154.1, Off east coast of North Island

IDC 05 20:30:35.5±1.1, 51.46N±174.59W, h0km, 49km, 8km, earthModelID quakem.us.anss.org/earthmodel/ak135

MAN 05 20:45:23.0, 11.35N±125.27E, h1km, mb4.3, ML3.1, MS2.9, ID, Samar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PUZ Puketiti, PKGZ Pakihiroa, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TASE Tanaga Southeast, GAEA Gareloi East, NIKH Nikolski High, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, etc.

IDC 05 20:23:51.8±1.4, 49.38S±120.61E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/30, mbtmp4.0/5, ML2.5/1, Error ellipse: s-maj=74.4km s-min=22.5km az=114.0, Western Indian-Antarctic Ridge

IDC 05 20:36:44.4±1.1, 8.97N±82.35W, h14km, 5km, MW3.7, 3C-1D, Panama-Costa Rica border region

ANF 05 21:06:02.2±1.2, 31.75N±115.02W, h1km, 6km, ML2.9/6, Error ellipse: s-maj=8.4km s-min=4.4km az=13.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK32 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECXB El Chinoero, ECXB Cerro Prieto, CPBX Cerro Prieto, etc.

WEL 05 20:29:49.9, 42°S±2°17'E, h16km, 2km, M3.7/15, ML0/13, MLV3.7/17, Error ellipse: s-maj=170.0km s-min=0.0km az=170.0, Cook Strait

UCR 05 20:36:44.4±1.1, 8.97N±82.35W, h14km, 5km, MW3.7, 3C-1D, Panama-Costa Rica border region

ISCJB 05 21:06:02.2±1.2, 31.75N±115.02W, h1km, 6km, ML2.9/6, Error ellipse: s-maj=8.4km s-min=4.4km az=13.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDV5 San Vito, EDV5 Durika, DRKO Durika, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SWSC Sam W. Stewart, H13A Mahawk Valley, CBX Cerro Bola, etc.

Table with columns: MONP2, Station Name, Az, Res, Time, Res, and various station codes like MONP2, BAR, BJI, etc.

NIED 05:21:21.00, 24:80N, 124:80E, h5km, Mw4.4 Best double couple... BJI 05:21:21.42, 24:2.0, 24:42N, 125:06E, h20km, mb4.5/28...

Table with columns: Code, Station Name, Az, Res, Time, Res, and various station codes like JTK, JTB, JIRB, etc.

Main table with columns: XAN, X'i'an, Beijing, 16.69 306, Pn, 21 25 40.0 -0.2, and various station codes like BJI, SNY, CN2, etc.

Main table with columns: KSH, NARN, NARN, 43.61 305, P, LR, LR, 21 29 51.1 +0.3, and various station codes like KURK, KURBB, WRAB, etc.







Table of astronomical observations for 5d 23h, listing station names, codes, and coordinates.

Table of astronomical observations for 2013 SEP, listing station names, codes, and coordinates.

Table of astronomical observations for various stations, including codes and coordinates.

Table with columns: Station Name, Azimuth, Amplitude, Phase, Date, Time, Residual. Includes stations like TIBB Shuangxi, TWE Neicheng, JISG Ishgakijimahi, etc.

Table with columns: Station Name, Azimuth, Amplitude, Phase, Date, Time, Residual. Includes stations like TYC baz=254, TWQ1 Lyutan, WHYT Xinyi Township, etc.

Station metadata and notes including: IDC 05 23:54:21.8±0.5, 11°15'N; 85°67'W, h0km, mb4.4/18, mb1.4/6/20, mb1mx4.3/47, mbtmp4.4/20, ML3.8/2, MS4.1/35, MS1.4/135, ms1mx4.0/50, Error ellipse: s-maj=28.7km...

Table with columns: Station Name, Azimuth, Amplitude, Phase, Date, Time, Residual. Includes stations like CRIN San Cristobal, MATN Matagalpa, CVTR Volcan Turrial, etc.

5d 23h

2013 SEP

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIGA, 356A, HUMP, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like GRGR, NNA, X54A, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like V60A, V60A, T50A, etc.

Table with columns: CBN, Name, Time, Day, P, I, A, M, B, Value, etc. Includes entries like Corbin Frederi, King George, V, Cocks Mills, etc.

Table with columns: PLIO, Name, Time, Day, P, I, A, M, B, Value, etc. Includes entries like Pelee Island, N Adams, Sunbury, etc.

Table with columns: WUAZ, Name, Time, Day, P, I, A, M, B, Value, etc. Includes entries like Busby, Falmouth, Bruce Peninsula, etc.

6d 0h

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like E38A, E38A, E38A, etc.

2013 SEP

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like JTMT, JTMT, JTMT, etc.

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Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like CHIR, CHIR, CHIR, etc.

IDC 06 00:00:04.0-0.7, 52.616N; 168.23W, hOkm, mb4.1/28, mb1.4, 3/29, mb1mx4.1/60, mbtmp4.1/29, ML3.9/1, M53.1/2, Ms1.3/12, ms1mx2.5/42, Error ellipse: s-maj=19.9km

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Class, and other parameters. Includes stations like NIKH, NIKH, NIKH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CRQM Cirque, WAX Waxeil Ridge, MDM Murphy Dome, ISLE Juniper Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARAO ARCESS Array S, ZAA1 Zalesovo Array, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FSB Fort Saint Jam, B010 North Saanich, PGC Sidney, etc.

NEIC 06:00:08:58.4:1.24:33S:0:07:66.55W:0:06,h61km,6km, mb4.8/22.earthModellID quakeml/us.anss.org/earthmodel/ak135

SJA 06:00:09:01.1:1.2,24:15S:67.14W,h204km,10km,ML3.4, MWV.2

ISCJB 06:00:09:04.3:0.4,24:32S:0:04:67.27W:0:04,h139km,4km, mb3.1/17. Error ellipse: s-maj=7.4km,s-min=4.8km,az=40.3

GUC 06:00:09:04.0:0.4,24:03S:67.53W,h204km,20km,ML3.9 IDC 06:00:09:05.1:1.9,23:77S:67.10W,h197km,20km,mb3.0/1, mb1 3.6/6,mb1mx3.3/32,mbtmp/0.6, Error ellipse: s-maj=36.7km,s-min=20.6km,az=143.0

ISC 06:00:09:01.7:0.8,24:18S:0:05:67.18W:0:04,h187km,8km, n73,c148.6h,mb4.5/10,5C-12D,Chile-Argentina border region

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



2015 SEP

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Lake Rotokare, Waikupura, Okains Bay, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kodiak Island, Sparrevohh, Talalina, etc.

UCR 06:00:19.24.1.0.7, 10.31'N, 86.30'W, h20km, 13km, MD4.1, MW4.2, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CUI Cuipitapa, Las Juntas de Arenal, etc.

UCR 01:01:51.7.0.4, 10.39'N, 86.26'W, h58km, 24km, MW3.5, 2C, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like B1A Borinquen Arri, CUI Cuipitapa, etc.

UCR 06:00:19.24.1.0.7, 10.31'N, 86.30'W, h20km, 13km, MD4.1, MW4.2, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like B1A Borinquen Arri, CUI Cuipitapa, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like ORIO, D58A, KURK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, AKKB, CLM, etc.

IDC 06:01:32:26:8:2:3:51:62N:174:33W,h0km,mb3,7/9, mb1 3.9/11,mb1mx3,7/58,mbmp3,7/11,ML3,3/2,Error ellipse: s-maj=61.6km s-min=20.9km az=168.0 ISCJB 06:01:32:29:6:1.1,51:27N:0:09:174:20W:0.07,h48km,8km, mb3,6/9,Error ellipse: s-maj=15.9km s-min=5.6km









Table with columns: PRU, GO, BRY, MEZF, LOR, VRA, MOX, MOX, MOX, SSF, SSF, AVF, AVF, JAVC, KOLL, KOLL, BGF, BGF, BRG, BRG, BRG, PDG, VYHS, VYHS, DRME, HYF, HYF, MOC, CLC, CLC, CLC, CLC, CLC, TCF, TCF, CHVC, CAF, CAF, MTLF, MTLF, GIVF, RJF, RJF, RJF, BAIF, LFF, LFF, EPFF, EPFF, MFF, LDF, LDF, ETSF, ETSF, ETSF, FLN, FLN, GRR, GRR, GRR, SGMF, SGMF, QUIF, QUIF

Table with columns: TWD, ET LH, NNSB, ENT T, WHF, TDCB, YHNB, VVWD, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: LBTB, MAW, MAW, MAW, MAW, MATP, MATP, WIN, WIN, SNA, SNA, SNA, SNA, ABPO, ABPO, TSUM, TSUM, TSUM, TSUM, VNA, VNA, LSZ, LSZ, CASY, CASY, KMBO, KMBO, KMBO, KMBO, MBAR, MBAR, MSEA, MSEA, MSEA, MSEA, H10S2, H10S3, H10S1, FURI, FURI, ATD, ATD, H10W2, H10W3, H10W1, DAMY, DAMY, NWAO, NWAO, LIC, LIC, DBIC, DBIC, DBIC, DBIC, TORC, TORC, TORC, TORC, CPBS, CPBS, TRQA, TRQA, TRQA, TRQA, BSCB, BSCB, VAO, VAO, ITAB, ITAB, PALK, PALK, FRFB, FRFB, PLCA, PLCA, PLCA, PLCA





Table with columns: KC, Novy Kostel, AMS, AMS, 03 25 20.0, etc. Includes stations like DZM, AKTO, CLL, etc.

Table with columns: PET, Petropavlovsk, 145.12 59, ePKIKP, PKIKP, 02 47 53.6 +2.6, etc. Includes stations like ULM, T25A, ANMO, etc.

Table with columns: MURB, Monte Urbino, 0.18 264, P, Pb, 02 38 27.5 -0.4, etc. Includes stations like DDA, IDC, NNC, SKO, etc.

Table with columns: VAM, S, Sg, 02 58 14.4 -1.7, etc. Includes rows for VAM, IMMV, ZAKROS, etc.

Table with columns: KSL, Kastellorizon, 4.08 67 P, etc. Includes rows for KSL, LKR, ELL, etc.

Table with columns: HNTI, Salit, 8.78 103 Pn, etc. Includes rows for HNTI, PDG, GEM, etc.

Table with columns: STA, Name, Az, El, P, S, R, Az, El, P, S, R, Az, El, P, S, R. Includes stations like WTTA Wattenberg, AKH Akhalkakali, WATA Walderalm, etc.

Table with columns: STA, Name, Az, El, P, S, R, Az, El, P, S, R, Az, El, P, S, R. Includes stations like ARCES ARCESS Array B, KKK31 Karatay Hut, KKKAR Karatay Array, etc.

Table with columns: STA, Name, Az, El, P, S, R, Az, El, P, S, R, Az, El, P, S, R. Includes stations like DRZ Dome Shelter, WHVZ Whangaehu, FWVZ Far West T-bar, etc.

HLW 06 03:14:27.3, 34:91N-25:11E, h3km, 11km, M4.0, M4.1
IDC 06 03:14:28.5, 0.9, 34:53N-24:94E, h0km, mb3.9, 9
mb1 3.9/14, mb1mx3.7/38, mbtmpt3.8/14, M4.1, 1/5, Error
ellipse: s-maj=19.6km s-min=15.7km az=149.0

ISCJB 06 03:14:28.2, 0.8, 34:57N, 0.02-24:97E, 0.2, h5km, 6km,
mb3.8/12, Error ellipse: s-maj=3.6km s-min=2.3km
az=36.4

ATH 06 03:14:30.3, 34:79N-24:91E, h17km, ML3.7/20, Error
ellipse: s-maj=1.6km s-min=0.7km az=352.0
ISK 06 03:14:31.7, 34:81N-24:61E, h6km, ML3.8/15
NEIC 06 03:14:32.7, 34:68N, 0.09-25:00E, 0.08, h10km, 3km,
earthModelID quakem/us.anss.org/earthmodel/ak135

THE 06 03:14:32.2, 34:81N-24:94E, h0km, ML3.7/5, Error
ellipse: s-maj=2.1km s-min=0.7km az=166.0
GII 06 03:14:36.8, 0.0, 34:32N-25:57E, h1km, 3km, mb4.2/3,
ML3.1/3

DDA 06 03:14:52.8, 34:67N-24:92E, h11km, ML3.8
ISC 06 03:14:29.7, 1.3, 34:64N, 0.04-24:94E, 0.02, h1km, 8km,
n265, e205/301, mb4.1/19, Crete

Table with columns: Code, Station Name, Az, El, P, S, R, Az, El, P, S, R, Az, El, P, S, R. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, etc.

WEL 06 03:06:51.6, 40 S; 2:17.4E; h60km, 9km, M3.7/23,
ML4.0/19, MLV3.7/23, Error ellipse: s-maj=0.6km
s-min=0.0km az=43.5, Cook Strait

Table with columns: Code, Station Name, Az, El, P, S, R, Az, El, P, S, R, Az, El, P, S, R. Includes stations like DUWZ D'Urville Isla, DUWZ Otaki Gorge, OHWZ Ohakea, etc.

Table with columns for station name (e.g., SANT, TH1, THRS), coordinates (SN, SN, SN), and various numerical values (03 15 21.4 -3.4, etc.).

Table with columns for station name (e.g., LAKA, ATAL, KALE), coordinates (Pn, Pn, Pn), and various numerical values (4.31 327 P, etc.).

Table with columns for station name (e.g., AKASG, AKBB, META), coordinates (Pn, Pn, Pn), and various numerical values (16.35 10 Pn, etc.).

Table with columns: Code, Station Name, X, Y, Z, Phase ID, Time, Res, ISC. Lists stations like SIVA, KSTL, IACM, GVD, LAST, PRNS, NPS, etc.

Table of astronomical observations for 6d 3h, listing station names (e.g., ZKR, ZAKROS), coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing station names (e.g., LISJ, WALJ), coordinates, and observation details.

Table of astronomical observations for KRSC 06:03:26:59.0, listing station names (e.g., SKR, SKR), coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing station names (e.g., KUR, KUR), coordinates, and observation details.

Table of astronomical observations for MEX 03:53:34.1, listing station names (e.g., CAIG, CAIG), coordinates, and observation details.

Table of astronomical observations for ISCJB 06:03:59:17.8, listing station names (e.g., E0S1, E0S1), coordinates, and observation details.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Datong Townshi, Wulai, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN4, TPUB, JTJ, WTP, TWGBT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATKA Atka Island, KOKL Mount Kluechef, etc.



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Wachi, Heguri, Kasai, Yasaka, Tsuna, Kouya, Tsu 2, Kasumi, Mieiokohu, Aida, Matsushiro.

NIED 06:07:33:0.44:80N:149:50E, h1km, Mw4.0 Best double couple: M9:4700x-1014, N1:3223:00000, S:4:00000... JMA 06:07:33:0.3:0.4, 44:78N:149:47E, h30km, M4.6...

ISC 06:07:33:0.2:4.4:39.0N:0.08:149:30E:0.07, h3km, 14km, n58, o:1979/65, mb3.9, 1C-4D, Kuril Islands

Main table of station data for Kuril Islands region, including stations like Kuril'sk, Yuzh-Kuril'sk, Lagr Lagunnoye, Nemuro, etc.

Table of station data for Kamchatka region, including stations like Tjajon, WAKE ISLAND Hy 28.63 144, H1N1, H1N2, etc.

NNC 06:07:35:20:7.17:0.39:24N:72:75E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=134.4km s-min=77.3km az=170.0...

Main table of station data for Kamchatka region, including stations like UML, ACH, KZA, IUG, etc.

IDC 06:07:47:50:0.0:9.7:41S:144:58E, h0km, mb4.2/7, mb1 4.3/9, mb1mx4.0/31, mbtmg4.2/9, ML3.8/2, MS3.2/6, Ms1 3.2/6, ms1mx2.8/31, Error ellipse: s-maj=24.7km...

Main table of station data for Kamchatka region, including stations like PMG, PMG, CMG, WRA, etc.

Table of station data for Oaxaca region, including stations like Huatulco, Matias Romero, Kurchatov, etc.

NNC 06:08:26:59.8:2.9, 53:48N:87:52E, h0km, mb3.5, mpv3.2, 7C-2D, Error ellipse: s-maj=20.7km s-min=18.6km az=19.0, Suspected Mining explosion.., Southwestern Siberia

MOS 06:08:39:20:6.1:1.51:47N:174:53W, h24km, mb4.9/15, Error ellipse: s-maj=10.5km s-min=7.5km az=105.9, NEIC 06:08:22:28:1.9, 51:38N:0:07:174:73W:0:04, h24km, 2km, mb4.7/203, ML4.4(AEIC), earthModelID quakeml.us.anss.org/earthmodel/ak135

Main table of station data for Oaxaca region, including stations like Atka Island, Atka, Korovin, etc.

Main table of station data for Oaxaca region, including stations like Redoubt South, Talatina, Petropavlovsk, etc.



6d 8h

2013 SEP

Table with columns: Name, Comp, Z, D, S, P, Pmax, Pmax, Value, Unit, Name, Comp, Z, D, S, P, Pmax, Pmax, Value, Unit. Includes entries like BILBINO, CLEAR CREEK BU, MURPHY DOME, etc.

Table with columns: Name, Comp, Z, D, S, P, Pmax, Pmax, Value, Unit, Name, Comp, Z, D, S, P, Pmax, Pmax, Value, Unit. Includes entries like MISSOULA, CHANGCHUNG, MINA ARRAY SIT, etc.

Table with columns: Name, Comp, Z, D, S, P, Pmax, Pmax, Value, Unit, Name, Comp, Z, D, S, P, Pmax, Pmax, Value, Unit. Includes entries like ZAK, TRINIDAD, MONDY, etc.







6d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TKM2, KZA, TNS5, etc.

ISK 06 10:21:17.6, 39.96N, 33.54E, h2km, ML2.0/B, Suspected Mining explosion.
ISCJB 06 10:21:19.0, 0.4, 39.95N, 0.02, 33.55E, 0.03, h0km, Error ellipse: s-maj=3.7km s-min=3.2km az=34.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BTRR, BRTR, DELI, etc.

2013 SEP

ISCJB 06 10:23:47.8, 0.7, 2.77N, 0.09, 99.0E, 0.1, h171km, 6km, mb3.7/6, Error ellipse: s-maj=20.6km s-min=13.4km az=157.5

ICC 06 10:23:48.1, 1.5, 2.67N, 98.91E, h164km, 5km, mb3.5/6, mb1 3.6/7, mb1mx3.2/47, mbtmpp3.9/7, Error ellipse: s-maj=69.9km s-min=14.8km az=55.0

DJA 06 10:23:50.0, 1.0, 3.1N, 8.9E, 1.0, h154km, 5km, M3.4/7, MLV3.4/7

ISC 06 10:23:48.8, 0.9, 2.78N, 0.09, 99.0E, 0.1, h165km, 7km, n17, c0563/15, mb3.7/6, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI, KCSI, TPTI, etc.

KRNET 06 10:28:32.0, 1.40, 79N, 73.24E, h13km, mb3.2
SOME 06 10:28:33.4, 40.85N, 73.17E, h5km
NWC 06 10:28:33.6, 0.8, 40.86N, 73.20E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=6.4km s-min=2.8km az=173.0

ISC 06 10:28:29.5, 1.4, 40.70N, 0.05, 73.23E, 0.02, h17km, 13km, n53, c1531/80, 29C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARSB, ARS, ARLS, etc.

IDC 06 10:29:58.4, 1.3, 7.61S, 130.17E, h0km, mb4.3/1, mb1 4.5/5, mb1mx3.9/37, mbtmpp4.3/5, ML4.3/4, MS3.4/1, MB1 3.4/1, mb1mx2.5/35, Error ellipse: s-maj=57.5km s-min=23.5km az=83.0

ISCJB 06 10:29:59.7, 0.4, 7.63S, 0.03, 130.29E, 0.06, h27km, mb4.2/1, MS3.2/1, Error ellipse: s-maj=8.0km s-min=4.9km az=0.9

NEIC 06 10:30:01.3, 1.3, 0.7, 54S, 0.03, 130.18E, 0.03, h39km, 11km, mb4.2/9, earthModelID

quakeml.us.anss.org/earthmodel/ak135

DJA 06 10:30:04.8, 0.5, 8.5, 13.1E, h116km, 14km, M4.4/7, mb4.4/2, mb5.1/2, MLV4.5/7, MW(MB)4.5/2

ISC 06 10:30:01.8, 0.6, 7.61S, 0.05, 130.20E, 0.06, h27km, n33, c2565/41, mb3.4/4, Tamibar Islands region

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

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

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



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWGBT Beinan, TTT Taitung, TWK Hsiangying, etc.

IDC 06 11:22:08.5-1.3, 34.26N-25.10E, h0km, mb4.0/3, mb1 4.2/6, mb1mx3.6/54, mbtpr4.1/6, ML4.3/3, MS3.2/3, MS1 3.2/3, ms1mx2.5/69, Error ellipse: s-maj=32.9km

THE 06 11:22:10.9, 34.23N-25.04E, h0km, mb4.0/3, Error ellipse: s-maj=4.1km s-min=1.1km az=174.0

HLW 06 11:22:12.5, 34.38N-25.30E, h33km, 33km, M13.8

ISK 06 11:22:12.5, 34.38N-24.97E, h77km, ML3.5/1

ATH 06 11:22:12.3, 34.38N-25.01E, h2km, 1km, ML3.3/8, Error ellipse: s-maj=2.6km s-min=1.2km az=358.0

GII 06 11:22:18.0, 0.0, 33.74N-25.83E, h1km, MD3.6/3

ISC 06 11:22:10.9-1.4, 34.19N-25.12E, h0.03, h23km, 12km, n109, s199/148, mb4.0/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIVA Sivas, LAST Lasithi, GVD Gavdos, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANAF Anafi Island, KTHA Kythira Island, SLUM Salum, etc.

MEX 06 11:29:06.1-0.7, 16.36N-99.67W, h5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACP2 Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOIG, TIF 06, DDA 06, ISC 06, AKH Akhalkalaki, etc.

Table with multiple columns: Station Name, Frequency, Mode, Class, Power, and various numerical values. Includes stations like ECL Taimali, TTN Taitung, WLCB Liugu, etc.



6d 11h

Table with columns for station name, frequency, power, and status. Includes stations like WHN, DAV, JST, and many others.

2013 SEP

Table with columns for station name, frequency, power, and status. Includes stations like BJI, JGN, UTTA, JODJ, LUWI, and many others.

422

Table with columns for station name, frequency, power, and status. Includes stations like MDJ, KAPI, KAPU, KAPU, and many others.







6d 11h

Table with columns: Location, Time, Azimuth, Altitude, Azimuth error, Altitude error, and other parameters. Includes locations like Trondheim, Dikili, Enez, Dimitrovgrad, etc.

Table with columns: Location, Time, Azimuth, Altitude, Azimuth error, Altitude error, and other parameters. Includes locations like Apeiranthos, Ostrava-Krasne, Santorini, etc.

Table with columns: Location, Time, Azimuth, Altitude, Azimuth error, Altitude error, and other parameters. Includes locations like Chania, Klokotos Trika, Imera Moni Metra, etc.

Table with columns: STA, comp, mag, az, az1, az2, az3, az4, az5, az6, az7, az8, az9, az10, az11, az12, az13, az14, az15, az16, az17, az18, az19, az20, az21, az22, az23, az24, az25, az26, az27, az28, az29, az30, az31, az32, az33, az34, az35, az36, az37, az38, az39, az40, az41, az42, az43, az44, az45, az46, az47, az48, az49, az50, az51, az52, az53, az54, az55, az56, az57, az58, az59, az60, az61, az62, az63, az64, az65, az66, az67, az68, az69, az70, az71, az72, az73, az74, az75, az76, az77, az78, az79, az80, az81, az82, az83, az84, az85, az86, az87, az88, az89, az90, az91, az92, az93, az94, az95, az96, az97, az98, az99, az100. Includes stations like RETA, FETA, FTEL, DAVA, AQU, DAVOX, BFO, HGN, MEM, BHOU, A04D, TUE, NLWA, WLF, BCLA, PRMA, D03D, ILULI, ILULI, UCC, UCC, UCC, VLC, BMRD, B05A, SNF, D04E, DOU, B06A, VAE, F04D, E04D, D05A, MBAR, MBAR, ESK, ESK, C06D, G03D, LON, I02D, COR, J01E, H04E, F05D, I03D, H04A, KBO, K02D, SFJD, SFJD, SFJD, G05D, I04A, E07A, L02E, KRMB, HUMO, HAWA, F05A, I05D, CLF, J04D, J08A, NEWB, NEWB, KHMM, YBH, YBH, L04D, M02C, J05D, KMRM, K04D, PPT.

Table with columns: STA, comp, mag, az, az1, az2, az3, az4, az5, az6, az7, az8, az9, az10, az11, az12, az13, az14, az15, az16, az17, az18, az19, az20, az21, az22, az23, az24, az25, az26, az27, az28, az29, az30, az31, az32, az33, az34, az35, az36, az37, az38, az39, az40, az41, az42, az43, az44, az45, az46, az47, az48, az49, az50, az51, az52, az53, az54, az55, az56, az57, az58, az59, az60, az61, az62, az63, az64, az65, az66, az67, az68, az69, az70, az71, az72, az73, az74, az75, az76, az77, az78, az79, az80, az81, az82, az83, az84, az85, az86, az87, az88, az89, az90, az91, az92, az93, az94, az95, az96, az97, az98, az99, az100. Includes stations like PPT2, PPT2, N02D, KCPM, M04C, WDC, O02D, PMOR, W10A, FALA, HOPS, O03E, MOD, GDXM, JTMT, KEST, MCCM, FCC, ORV, TBI, MSO, FFC, FFC, FFC, AFDM, CMAH, ABSA, KCF, PAHR, VCNR, MFID, PNTR, SAO, CMB, EGMT, YERR, DFRA, MAW, MAW, MAW, WAKR, DLMT, BOZ, RYN, KVN, MDPB, IVI, OMMB, NVAR, NVAR, NVAR, NVAR, PAGB, LSZ, LSZ, LSZ, VOG, SMMC, TIN, VES, PKM, H17A, SBC, RLMT, CWC, GRAC, ISA, DGMT, ARVC, SCZ2, L1A, OSI, MPMC, BLG, FURC, LRMC, TPNV, EDW2, DECC, FMP, BW06, PDAR.

Table with columns: STA, comp, mag, az, az1, az2, az3, az4, az5, az6, az7, az8, az9, az10, az11, az12, az13, az14, az15, az16, az17, az18, az19, az20, az21, az22, az23, az24, az25, az26, az27, az28, az29, az30, az31, az32, az33, az34, az35, az36, az37, az38, az39, az40, az41, az42, az43, az44, az45, az46, az47, az48, az49, az50, az51, az52, az53, az54, az55, az56, az57, az58, az59, az60, az61, az62, az63, az64, az65, az66, az67, az68, az69, az70, az71, az72, az73, az74, az75, az76, az77, az78, az79, az80, az81, az82, az83, az84, az85, az86, az87, az88, az89, az90, az91, az92, az93, az94, az95, az96, az97, az98, az99, az100. Includes stations like PPT2, PPT2, N02D, KCPM, M04C, WDC, O02D, PMOR, W10A, FALA, HOPS, O03E, MOD, GDXM, JTMT, KEST, MCCM, FCC, ORV, TBI, MSO, FFC, FFC, FFC, AFDM, CMAH, ABSA, KCF, PAHR, VCNR, MFID, PNTR, SAO, CMB, EGMT, YERR, DFRA, MAW, MAW, MAW, WAKR, DLMT, BOZ, RYN, KVN, MDPB, IVI, OMMB, NVAR, NVAR, NVAR, NVAR, PAGB, LSZ, LSZ, LSZ, VOG, SMMC, TIN, VES, PKM, H17A, SBC, RLMT, CWC, GRAC, ISA, DGMT, ARVC, SCZ2, L1A, OSI, MPMC, BLG, FURC, LRMC, TPNV, EDW2, DECC, FMP, BW06, PDAR.

Table with columns for station ID, name, coordinates, and other details. Includes stations like PDAR, CIS, GSC, UCM, SHOC, BFCF, RRX, BBRC, TUQ, HEU, MURC, ULM, ULM, ULM, ESDC, ESDC, GMRC, 109C, MDDND, PFO, PFO, PFO, PFO, BELC, K22A, MONP2, IRM, BCS3, RSSD, IKP, SWSC, PDMCI, O20A, AGMM, Y12C, GLA, EMAL, N23A, WUAZ, LJUA, SCHO, SCHO, BOSA, BOSA, BOSA, ISCO, MVCO, EYMM, LIS, LIS, 214A, W18A, S22A, Q24A, MORF, MORF, MORF, MORF, C40A, MDT, SDCO, ECSD, TUCS, KSCO, T25A, G39A, BGNE, MATG, ANMO, E43A, CHGO, LSQO, 121A, D46A, D47A, CBKS, E46A, D49A, F45A, E47A, SCIA, H43A.

Table with columns for station ID, name, coordinates, and other details. Includes stations like E48A, D50A, I42A, D51A, G45A, G46A, J45W, J45S, E50A, F48A, D52A, D53A, KSU1, G47A, E51A, L40A, F49A, D54A, H46A, M52A, M52X, F51A, D55A, I46A, H48A, E53A, D56A, K43A, TOBO, E54A, L42A, F52A, I47A, M41A, E55A, KLBO, ALGO, D58A, I48A, E56A, BUKO, L44A, D61A, N41A, BMRO, PEMO, J47A, G54A, F55A, I49A, G53A, E58A, K46A, BRCO, H52A, J48A, CLWO, SADO, F57A, BANO, J49A, M44A, E60A, G55A, ALFO, L46A, E61A, ORLO, P49A, K48A, H53A, HDIL, I51A, WMOK, F59A, TORO, TORO, TORO, F60A, F61A, DELO, L47A.

Table with columns for station ID, name, coordinates, and other details. Includes stations like G57A, H55A, I53A, K50A, ACTO, G58A, H56A, I55A, AAM, DRWO, L48A, WLVO, O44A, P43A, L49A, J52A, M47A, TUL1, H57A, G60A, LONY, M48A, TXAR, TXAR, TXAR, TXAR, L50A, N47A, ABTX, H58A, J54A, M49A, PKME, CCM, I57A, MEDO, N48A, PLIO, J55A, M50A, N49A, P46A, J56A, I58A, J57A, LBNH, K54A, K55A, O48A, U40A, ERPA, M51A, J58A, L53A, L54A, M52A, J59A, K56A, N50A, O49A, N51A, K57A, L55A, M53A, W39A, S44A, K58A, P48A, O50A, M54A, L56A, N52A, JCT, ACSO, Q49A, P48A, N53A, M55A, WHTY, L57A.

Table with columns: Station ID, Name, Frequency, Power, Type, and Signal quality. Includes stations like Pataskala, Bingham, Jamestown, etc.

2013 SEP

Table with columns: Station ID, Name, Frequency, Power, Type, and Signal quality. Includes stations like Hallie, Bull Pasture M, McMinnville, etc.

6d 11h

Table with columns: Station ID, Name, Frequency, Power, Type, and Signal quality. Includes stations like Monticello, Raeford, Waverly Hall, etc.



6d 12h

Table with columns: SJG, San Juan, 141.04, 13, SKPbc, SKPbc, 11 52 21.4 -0.9. Includes stations like SJG, SMRT, SAIBA, ANWB, etc.

2013 SEP

Table with columns: BETO, Betania, 151.35, 39, eP, PKPpdf, 11 53 22.6 +1.7. Includes stations like FLOEC, FLOEC, MACRO, MACRO, etc.

430

Table with columns: SIV, comp=N,52nm,0.9s,baz=336,slow=3.8,SNR=13, PKPab, PKPab, 11 55 16.7 -0.9. Includes stations like SIV, SALV, SALV, AODB, AODB, etc.

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

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

IDC 06 12:08:25.0-2.0, 2.12N-125.60E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/53, mbtmp3.7/3, Error ellipse: s-maj=187.1km s-min=23.7km az=65.0, Talaud Islands

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

MEX 06 12:09:35.5-0.7, 16.46N-98.36W, h14km, 8km, MD3.8, Near coast of Guerrero

SJA 06 12:27:53.4-0.8, 24.05S-67.14W, h186km, 8km, ML3.0, MW3.1

ISCJB 06 12:27:55.4-1.2, 23.88S-0.09-67.19W, 0.07, h177km, 16km, Error ellipse: s-maj=16.5km s-min=8.9km az=24.3

GUC 06 12:27:56.0-0.6, 23.75S-67.55W, h212km, 9km, ML3.5

ISC 06 12:27:53.3-2.7, 24.05S-0.1x67.15W, 0.07, h192km, 24km, n21, r1540/34, 5C-4D, Chile-Argentina border region

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

ISCJB 06 13:29:58.7-0.5, 18.91N-0.04-67.67W, 0.03, h27km, Error ellipse: s-maj=6.4km s-min=3.3km az=20.3

NEIC 06 13:29:58.7-1.6, 18.85N-67.67W, 0.07, h20km, 10km, earthModelID quakeml.us.anss.org/earthmodel/ak135

RSPR 06 13:30:00.3, 18.85N-67.67W, h7km, 2km, MD2.9

ISC 06 13:29:59.0-0.6, 18.86N-0.06-67.68W, 0.03, h27km, n43, r177/65, 7C-4D, Mona Passage

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

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

SOME 06 13:34:04.9, 42.52N-79.65E, h20km, MS3.6

ISCJB 06 13:34:05.0-0.7, 42.57N-0.02-79.74E, 0.02, h11km, 5km, mb4.0/13, Error ellipse: s-maj=3.8km s-min=2.9km az=166.0

BUI 06 13:34:05.0-0.0, 42.60N-79.47E, h9km, mb4.1/13, mb4.5/7, ML4.4/10, MS3.7/6, Ms7.3/6/3

IDC 06 13:34:05.1-0.8, 42.77N-79.49E, h0km, mb3.9/10, mb1 4.2/14, mb1mx3.9/53, mbtmp4.1/14, ML4.3/4, Error ellipse: s-maj=17.8km s-min=11.0km az=155.0

NNC 06 13:34:05.8-0.9, 42.59N-79.61E, h0km, mb5.0, mpv5.0, Error ellipse: s-maj=6.2km s-min=3.3km az=139.0

KRNET 06 13:34:05.3-0.1, 42.54N-79.62E, h18km, mb4.8

MOS 06 13:34:05.4-1.2, 42.67N-79.63E, h13km, mb4.1/5, Error ellipse: s-maj=11.6km s-min=7.7km az=102.6

MOS Felt (I) at Saty, NEIC 06 13:34:08.9-1.6, 42.74N-0.07-79.53E, 0.05, h23km, 5km, mb4.5/17, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 06 13:34:05.7-1.2, 42.65N-0.03-79.57E, 0.02, h5km, 7km, n184, r1545/244, mb4.3/21, 49C-34D, Lake Issyk-Kul region

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAK Ala-Archa, UCH Uchtor, USP Oshpenovka, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES comp=Z,1.0nm,0.6s, ARCES ARCESS Array B, AGG Agios Georgios, etc.

ISCJB 06 13:45:53.2:0.5, 40:95N:0:03:141:91E:0:07, h69km, 5km, mb3.5/4, Error ellipse: s-maj=8.4km s-min=5.0km az=13.9 JMA 06 13:45:53.7:0.1, 40:98N:141:99E, h57km, 2km, M3.5 JMA Feil JJ

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JARK Aomorirokkasho, JARK Aomorirokkasho, JAHK Aomorihigashid, etc.

NSCC 06 13:46:34.2:0.3, 33:41N:35:44E, h54km, 4km, ML 1.7 GRAL 06 13:46:35.4:0.3, 33:87N:35:72E, h24km, 2km, MD2.6 ISC 06 13:46:32.0:2.1, 33:85N:0:08:35.4E:0.1, h34km, 4km, n7, i=138:12, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DQRL Deir Qamar, BHL Bhamnes, BHL Bhamnes, etc.

ISCBJ 06 14:19:36.1±1.1, 13.24N±0.08,-89.96W±0.04, h36km±44km, Error ellipse: s-maj=14.7km s-min=5.1km az=17.5

SNET 06 14:19:36.4±0.9, 13.36N±89.96W, h34km±3km, ML3.4

GCG 06 14:19:37.5±0.5, 13.35N±90.12W, h22km±4km, MD3.7

ISC 06 14:19:36.2±2.2, 13.33N±0.1,-89.97W±0.05, h30km±15km, n18, c0563/27, 1C-2D, EI Salvador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like San Blas, San Jose, El Retiro, Universidad Ev, Loma Larga, Alcaldia de Cu, Ixcapaco, Centro de Oper, etc.

IDC 06 14:23:14.8±1.2, 7.23S±144.24E, h0km, mb3.8/4, mb1 4.0/7, mb1mx3.7/33, mbtmp3.8/7, ML2.6/2, Error ellipse: s-maj=26.9km s-min=24.3km az=52.0

ISCBJ 06 14:23:17.9±0.6, 7.39S±0.07±144.08E±0.05, h33km, mb3.7/3, Error ellipse: s-maj=10.0km s-min=7.4km az=20.1

NEIC 06 14:23:19.7±1.3, 7.3S±0.1±144.1E±0.1, h34km±6km, mb4.0/7, earthModelID

quakeml:us.anss.org/earthmodel/ak135

ISC 06 14:23:19.7±0.6, 7.39S±0.1±144.10E±0.08, h35km, n23, c125/21, mb4.0/5, Near south coast of New Guinea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like Port Moresby, Coen, Manton Dam, Warramunga Arr, Kununurra, Alice Springs, etc.

MEX 06 14:24:16.0±0.7, 19.07N±104.17W, h4km±4km, MD3.5, Near coast of Jalisco

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like R15V, R15V, R15V, etc.

ISCBJ 06 14:42:04.3±0.5, 27.97N±140.37E±0.08, h478km, mb3.2/7, Error ellipse: s-maj=9.5km s-min=7.0km az=159.3

IDC 06 14:42:05.0±0.6, 27.97N±140.13E, h45km±11km, mb2.9/7, mb1 3.0/13, mb1mx2.9/33, mbtmp3.8/13, Error ellipse: s-maj=28.3km s-min=15.5km az=73.0

JMA 06 14:42:06.3±0.1, 28.10N±140.32E, h455km, M3.6

ISC 06 14:42:06.0±0.8, 28.03N±108.44E±0.1, h478km, n27, c225/33, mb3.3/7, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like Chichijima, Haha-jima-NKT2, Hachijojimakas, etc.

0.3nm, 0.8s, baz=6.0, slow=7.6, SNR=5.8

MKAR Makanchi Array 48.68 309 P 14 50 06.0 +0.4

KBZ Khabaz 76.23 312 P 14 53 07.7 +2.3

FINES FINES Array B 76.42 333 P 14 53 06.7 +2.4

MEX 06 15:01:26.0±0.5, 27.62N±104.86W, h16km±47km, MD3.9, Northern Mexico

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like HPIG, HPIG, CGIG, CGIG, etc.

ROM 06 15:01:34.5±0.1, 46.360N±0.006±12.860E±0.006, h3km±1km, ML3.0/24, Error ellipse: s-maj=0.7km s-min=0.2km az=348.0

VIE 06 15:01:34.8±0.1, 46.37N±12.85E, h6km±2km, mb2.7/17, mb3.2/20, Error ellipse: s-maj=1.5km s-min=0.8km az=16.0

ISCBJ 06 15:01:34.9±0.2, 46.38N±0.01±12.83E±0.01, h6km±1km, Error ellipse: s-maj=1.8km s-min=1.3km az=12.8

LDG 06 15:01:35.8±0.1, 46.38N±12.76E, h5km, M3.0/11, Error ellipse: s-maj=3.9km s-min=2.7km az=7.0

STR 06 15:01:36.4±0.0, 46.37N±13.32E, h0km, MLv3.2/7

PRU 06 15:01:37.5±0.0, 46.43N±12.92E, h3km

BGR 06 15:01:38.5±0.4, 46.44N±12.82E, h10km, ML3.1/14, Error ellipse: s-maj=5.6km s-min=3.3km az=175.0

ISC 06 15:01:35.5±0.8, 46.37N±0.01±12.83E±0.01, h10km±5km, n134, c155/225, 8C-15Z, Northern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like Cludino, FUSEA, STALIGIAL, etc.

Main table with columns: POLC, Polcenigo, 0.41 214, P, Pg, 15 01 43.3 -0.2. Rows include stations like Polcenigo, Colaredo, Alpe Faleria, Fregona, etc.



Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like LZH, PAYA, ENGH, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK32, MKAR, MKAR, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BILL, AKASO, VSU, etc.

KRSC 06:15:06.35-71.6, 50.907N, 158.040E, h49km, 22km, ML3.6, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like KDRTR, PAU, SKR, etc.

ISCJB 06 15:17:31.1-0.5, 28.04N-139.49E, 0.10, h478km, mb3.1/6, Error ellipse: s-maj=11.8km s-min=6.2km az=165.4

IDC 06 15:17:31.5-0.6, 28.05N-139.87E, h489km, 14km, mb2.8/6, mb1 3.0/9, mb1mx2.8/39, mbtmp3.7/9, Error ellipse: s-maj=36.6km s-min=12.6km az=73.0

JMA 06 15:17:32.0-0.2, 28.18N-140.04E, h498km, M3.6  
ISC 06 15:17:31.8-0.8, 28.06N-139.6E, 0.11, h478km, n20, r1929/15, Near coast of Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Chichi jima, Chichijima, Haha-jima-NKT2, Hachijo jima 2, Boso 1, Boso 3, Boso 4, JNY Yasuok, JHU Hanno, JRT Ryogami san, JYT Yasato, JAG Ashikaga, MJAR Matsushiro Arr, JHO Hitachi, SOMM Songoing Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, MKAR Makanchi Array, ASAR Alice Springs, FINES FINES Array B.

GCG 06 15:19:54.9-0.6, 14.23N-92.70W, h11km, 25km, MD4.1  
MEX 06 15:19:59.1-0.6, 14.27N-92.45W, h58km, 16km, MD3.8  
ISC 06 15:19:59.9-0.0, 14.4N-0.1x2.6W, 0.1, h31km, 15km, n8, r195/15, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like THIG, ERG, STG, PCIG, FUG, CCIG, IXG, TGIG.

KRSC 06 15:28:22.1-1.8, 49.30N-156.80E, h270km, 22km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KDR, RUT, DALK, UGLR, AVH, KRER, NLC, SPN, MKZ, KBR.

ISCJB 06 15:31:22.8-0.3, 23.17N-121.63E, 0.02, h38km, 7km, Error ellipse: s-maj=3.7km s-min=2.4km az=39.6  
TAP 06 15:31:22.6-0.1, 23.18N-121.56E, h42km, ML2.8, C  
JMA 06 15:31:22.0-0.1, 23.16N-121.59E, h47km, 9km, M2.4  
ISC 06 15:31:21.6-1.1, 23.18N-121.64E, 0.02, h21km, 6km, n75, r0588/115, 8C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like CHKT, TW1, HGSD, YULB, EHY, EGFH, ELDTW, TTN, TWGBT, TWG, TWG, ESL, YUS, VWDT, STYT, ECL.

Table with columns: ECL, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like SSBL, WHYT, TWD, TWD, SLGT, PLBT, WTP, CHGB, CHGB, CHN4, NACB, TYC, WHF, WHF, CHNI, SSD, ET LH, SNST, WJS, TWK, TAW, TAW, DPDB, DPDB, EAST, MASBT, MASBT, WGK, WDLH, TWMT, SCZT, ENA, NHP, WANB, NNSB, NNSB, WLGB, CHNB, RLNB, WSF, TWT, EOS1, EOS1, TWKBT, TWKBT, TWK1, ENTT, ENTT, YHNB, NSK, NSK, LIOB, SLBB, YOJ, YOJ, YOJ, TIPB, WDG, NCU, PHUB, PHUB, PNG, HATJ, IRIF, IRIF, JKRS, JKRS, JIJ, JISG, PTTC, PTTC, PTMZ, JYT, KNMB.

ISCJB 06 15:50:00.3-0.7, 38.85N-142.11E, 0.07, h51km, mb3.7/5, Error ellipse: s-maj=8.5km s-min=6.0km az=13.9  
JMA 06 15:50:01.5-0.1, 38.86N-142.05E, h46km, 1km, M3.8  
JMA 06 15:50:02.8-2.8, 38.86N-142.09E, h60km, 22km, mb3.4/5, mb1 3.5/9, mb1mx3.3/37, mbtmp3.7/9, ML2.8/4, Error

ellipse: s-maj=42.0km s-min=17.1km az=83.0  
ISC 06 15:50:01.5-1.2, 38.85N-142.05E, 142.0E, 0.10, h51km, n26, r1534/28, mb3.7/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like OFUJ, JKMT, JKMT, JMK, JMK, JIO, JIO, JOM, JOM, JOU, JOU, JRJ, JRJ, JMM, JMM, JANG, JANG, MJAR, MJAR, MAT, MAT, ASAJ, ASAJ, JHJ, JHJ, JHJ, USRK, H1N2, H1N1, H1N3, H11S1, H11S2, ZALV, MKAR, WRA, ASAR, FINES.

MEX 06 16:11:24.5-0.6, 16.51N-98.14W, h30km, 15km, MD3.7, Near coast of Guerrero

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

ISCJB 06 16:24:46.8-0.8, 2.04S-80.04W, 0.11W, 0.06, h15km, Error ellipse: s-maj=9.4km s-min=5.4km az=178.1  
IGQ 06 16:24:48.7-0.5, 2.03S-80.04W, h5km, MLv4.5  
ISC 06 16:24:46.8-1.2, 2.07S-80.04W, 0.07, h15km, n47, r0594/49, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MORR, MORR, COHC, COHC, PECV, IGUA, BMAS, BBIL, ARRY, PATI, BPAT, RETU, POND, RUN5, BULB, BRUN, PISA, PISA, PAST, MAGI, GMOR, NAS2, BREF, BTAM, BV2C, VC1, MINA, COV1, PITA, GONZ, TERY, ANTG, GAGP, ANTM, GGP, YANA, GOLV, ANTS, ARDO, PULU, PAC1, ZUMC, CUIB, YAHU, CASO, TUMC, TUMC, BBAC, BBAC, POPC, POPC.

NORS 06 16:35:24.5-0.0, 41.46N-43.78E, h1km, MPVA4.5  
TIF 06 16:35:24.1, 41.41N-43.86E, h10km, 1km  
ISC 06 16:35:25.4, 41.42N-43.86E, h8km, ML3.7/10  
DDA 06 16:35:25.2, 41.39N-43.86E, h7km, 3km, ML3.8  
NSSP 06 16:35:25.5, 41.37N-43.86E, h8km, M3.7, Error  
MOS 06 16:35:26.5, 41.30N-43.87E, h13km, mb3.9/2, Error  
ellipse: s-maj=6.9km s-min=4.1km az=75.3  
AZER 06 16:35:30.2-0.4, 13.36N-44.18E, h3km, ml3.7/19, Error  
ellipse: s-maj=8.9km s-min=6.9km az=168.0

ISC 06 16:35:25.9-1.1, 41.34N-0.01, 43.87E, 0.01, h1km, 9km, n120, r1932/201, 8C-10D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AKH, AKH, AKH, KZRT, KZRT, KZRT, KZRT, STEZ, STEZ.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like GMRZ Gyumri, EAK Akyaka, TBLG Delisi, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like GROC Groznyy, GROC Groznyy, GROC Groznyy, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like UZB baz=86, UZB Uzunbulak, UZB Uzunbulak, etc.

IDC 06 16:44:53.2.2.9.5.08S.143.97E.h0km.mb3.2/mb1.3.5/4,mb1mx3.3/34,mb1mt3.3/4,ML2.5/2,Error ellipse: s-maj=62.1km s-min=32.1km az=61.0,New Guinea

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.



6d 17h

Table with columns: KST, 30nm, 0.4s, S, Sb, 16.57 05.8 0.0, etc. Lists various stations and their parameters.

MAN 06 16:56:41.5, 11.71N:125:31E, h22km, mb4.3, ML3.2, MS2.9, 1D, Samar

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

NEIC 06 17:29:09.3, 0.51:32N:0:08:174:20W:0.05, h25km, 4km, mb4.2/46, earthModelID

ISCJB 06 17:29:09.1, 0.7, 51.47N:0:07:174:10W:0.04, h42km, 4km, mb4.0/20, MS3.0/8, Error ellipse: s-maj=12.3km

AEIC 06 17:29:09.3, 0.7, 51.47N:0:07:174:10W:0.04, h28km, 4km, mb3.7/18, ms1.3/1.0, ms1mx2.9/4.2, Error ellipse: s-maj=19.8km

ISC 06 17:29:09.3, 0.7, 51.42N:0:08:174:23W:0.04, h28km, 4km, h29km, pP-P, n147, c1914/149, mb4.2/25, MS3.0/8, 1D, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names for Andreanof Islands.

2015 SEP

Main table with columns: ETKA, Kagalaska Isla, 1.43 289, Pn, 17.29 33.0 -0.4, etc. Lists various stations and their parameters.

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Table with columns: LZH, LZH, 58.19 295, eP, 17.39 18.1 -1.79, etc. Lists various stations and their parameters.

MEX 06 17:38:11.6±1.0, 15.98N:97.69W, h16km±13km, MD3.7, Near coast of Oaxaca

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

ISCJB 06 17:43:51.4, 0.6, 51.09N:0:06:174:62W:0.04, h33km, mb3.8/8, MS2.7/1, Error ellipse: s-maj=9.0km s-min=4.0km

IDC 06 17:43:51.6±2.0, 51.75N: h0km, mb3.8/8, mb1.4/0.10, mb1mx3.7/4.7, mbtmp3.9/10, ML3.8/2, MS2.7/1, Ms1.2/1.1, ms1mx2.3/3.0, Error ellipse: s-maj=58.0km

AEIC 06 17:43:52.5, 51.27N:0:06:174:81W:0.04, h7km±5km, ML3.3

NEIC 06 17:43:53.7, 1.5, 51.24N:0:04:174:76W:0.02, h30km±6km, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 06 17:43:54.3, 0.8, 51.22N:0:10:174:69W:0.05, h35km, n63, -0.98/66, mb3.9/8, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names for Andreanof Islands.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KNK, KTH, BPWA, IMAR, FID, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IL31, ILAR, ILAR, etc.

WEL 06 18:06:38.0, 0.3, 39°S, 2°17'6"E, h5km, M3.0/18, ML3.7/21, MLv3.0/18, Error ellipse: s-maj=0.0km

KRNET 06 18:15:36.9, 0.1, 41.92N, 71.05E, h16km, mb2.3

SVSA 06 18:25:31.7 ± 1.1, 40°57'N, 29°23'W, h5km, MD3.9, ML3.5, Error ellipse: s-maj=8.7km s-min=4.9km az=91.0, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUTZ, WHIT, WATZ, WATZ, etc.

ISC 06 18:15:36.0, 1.4, 41.94N, 0.074, 71.04E, 0.03, h6km, 15km, n15, c132/28, 12C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H07N1, H07N1, H07N1, etc.

WEL 06 18:07:00.6, 0.3, 39°S, 2°17'6"E, h5km, M3.3/36, ML3.5/29, MLv3.3/36, Error ellipse: s-maj=0.0km

ISCJB 06 18:22:21.7, 0.7, 51.44N, 0.08, 175.15W, 0.05, h35km, Error ellipse: s-maj=11.3km s-min=3.8km az=169.5

ISCJB 06 18:33:06.7, 0.4, 55.52S, 0.09, 128.37W, 0.2, h10km, mb4.0/6, MS3.9/21, Error ellipse: s-maj=14.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUTZ, KUTZ, WHIT, WATZ, etc.

ISC 06 18:22:22.1, 8.5, 41.74N, 0.7, 175.18W, 0.04, h26km, 7km, ML3.6, mb3.9/13(NEIC)

ISC 06 18:33:06.8, 0.7, 55.58S, 128.43W, h0km, mb4.0/6, mb1 4.3/6, mb1mx4.1/28, mbmp4.0/6, MS3.8/18, Ms1 3.7/18, ms1mx3.7/26, Error ellipse: s-maj=35.7km

ISC 06 18:22:23.1, 1.4, 51.51N, 0.1, 175.21W, 0.05, h35km, n43, c126/46, Andreanof Islands

ISC 06 18:33:08.2, 0.5, 55.55S, 0.1, 128.37W, 0.1, h10km, n66, c1902/37, mb4.5/11, MS3.9/21, Pacific-Antarctic Ridge

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

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



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include BUTP Butuan, SCPL Surigao, MSPL Maasin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SPiG San Pedro Mart, SPiG San Pedro Mart, SPiG San Pedro Mart, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include LACR Ardon, ARNR Ardon, ARNR Ardon, etc.

IDC 06:19:44.45.0.3.0, 0.30S, 127.87E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/2, mbtmp3.4/3, Error ellipse: s-maj=164.2km s-min=31.9km az=88.0, Halmahera

IDC 06:20:07:54.3.1.1, 43.05N, 148.12E, h0km, mb3.1/1, mb1 3.2/6, mb1mx3.0/56, mbtmp3.1/6, ML3.0/4, Error ellipse: s-maj=14.7km s-min=10.5km az=161.0

IDC 06:20:04:06.9.0.9, 16.4S, 0.1:1.175:7W, 0.1, h10km, mb4.0/4, Error ellipse: s-maj=20.9km s-min=16.5km az=31.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GSC Goldstone, GSC Goldstone, GSC Goldstone, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include LACR Ardon, ARNR Ardon, ARNR Ardon, etc.

IDC 06:20:04:03.3.4.1, 15.78S, 176.73W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/43, mbtmp4.0/4, Error ellipse: s-maj=154.6km s-min=71.7km az=159.0

IDC 06:20:07:54.3.1.1, 43.05N, 148.12E, h0km, mb3.1/1, mb1 3.2/6, mb1mx3.0/56, mbtmp3.1/6, ML3.0/4, Error ellipse: s-maj=14.7km s-min=10.5km az=161.0

IDC 06:20:04:06.9.0.9, 16.4S, 0.1:1.175:7W, 0.1, h10km, mb4.0/4, Error ellipse: s-maj=20.9km s-min=16.5km az=31.6

ISCJB 06:20:04:06.9.0.9, 16.4S, 0.1:1.175:7W, 0.1, h10km, mb4.0/4, Error ellipse: s-maj=20.9km s-min=16.5km az=31.6

ISCJB 06:20:07:54.3.1.1, 43.05N, 148.12E, h0km, mb3.1/1, mb1 3.2/6, mb1mx3.0/56, mbtmp3.1/6, ML3.0/4, Error ellipse: s-maj=14.7km s-min=10.5km az=161.0

ISCJB 06:20:04:06.9.0.9, 16.4S, 0.1:1.175:7W, 0.1, h10km, mb4.0/4, Error ellipse: s-maj=20.9km s-min=16.5km az=31.6

ISC 06:20:04:09.5.1.2, 16.55S, 0.2:1.175:7W, 0.2, h100km, n18, r18929.21, mb4.5/10, Tonga Islands

DRS 06:20:07:55.1.0.0, 42.97N, 148.35E, h15km, ML3.1/3, NOBS 06:20:07:57.5.0.0, 42.82N, 148.00E, h6km, MPVA.9, MOS 06:20:07:58.1.0.0, 42.79N, 148.01E, h11km, MPVA.9

ISC 06:20:07:56.3.1.4, 42.36N, 103.48E, h19E, 0.03, h3km, 3km, mb3.4/1, Error ellipse: s-maj=5.4km s-min=3.1km az=179.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include RAO Raoul Island, XMAS Kiritimati, PYZ Puysgeur Point, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

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 MAK Makhachkala, MAK Makhachkala, MAK Makhachkala, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KVAR Kishlovsk Arr, KVAR Kishlovsk Arr, KVAR Kishlovsk Arr, etc.

ISCJB 06:20:07:27.2.0.3, 32.87N, 0.02:116.22W, 0.02, h11km, 3km, Error ellipse: s-maj=3.7km s-min=3.0km az=12.0

NEIC 06:20:07:27.6.1.3, 32.89N, 0.02:116.23W, 0.01, h7km, 8km, earthModelID quakem.us:anss.org/earthmodelak135

ANF 06:20:07:27.3.0.2, 32.89N, 116.24W, h17km, 1km, ML2.6/19, Error ellipse: s-maj=2.4km s-min=1.3km az=12.0

MEX 06:20:07:30.0.0.6, 32.94N, 116.68W, h7km, 5km, MD3.6, Error ellipse: s-maj=2.4km s-min=1.3km az=12.0

ISC 06:20:07:27.8.0.9, 32.90N, 0.02:116.23W, 0.02, h12km, 7km, n44, -0.073/64, California-Baja California border region

MAN 06:20:11:29.7, 13.43N, 120.77E, h1km, mb4.0, ML2.8, MS2.4, 1C, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MONP2 Monument Peak, MONP2 Monument Peak, IKP In-Ko-Pah, IKP In-Ko-Pah, IKP In-Ko-Pah, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DBC Dubki, DBC Dubki, DBC Dubki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PGP Puerto Galera, LUBP Lubang, SJMP San Jose, BOAC Boac, BUSP Coron, OTRP Odiongan, etc.

ISCJB 06:20:16:47.5.0.9, 6.62S, 0.07:129.93E, 0.09, h146km, mb3.6/1, Error ellipse: s-maj=12.0km s-min=9.6km az=7.6

IDC 06:20:16:48.3.2.2, 6.58S, 129.90E, h131km, 24km, mb3.5/1, mb1 3.5/6, mb1mx3.1/44, mbtmp3.9/6, MS2.6/1, Ms1 2.6/1, ms1mx2.4/19, Error ellipse: s-maj=28.9km s-min=18.9km az=111.0

ISC 06:20:16:46.9.1.0, 6.69S, 0.07:130.1E, 0.1, h146km, n7, r110/10, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include BAR Barrett, TJIG Tijuana, CBX Cerro Bola, CBX Cerro Bola, CBX Cerro Bola, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include XNZR Khunzakh, XNZR Khunzakh, XNZR Khunzakh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SIJI Sorong, SIJI Sorong, BATI Baumata, BATI Baumata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

SJA 06:20:23:41.3.0.9, 31.26S, 68.70W, h111km, 3km, ML2.8, MW3.6, San Juan Province

RTLL Cerro Villucun, RTLL Cerro Villucun, RTLL Cerro Villucun, etc.

ZON Zonda, ZON Zonda, AMOG Mogna, AMOG Mogna, RTVC Cerro Valdivia, RTVC Cerro Valdivia, etc.

MRA San Martin 2.79 115 eP Pn 20 24 25.6 +1.0
TCA Tanti 3.51 92 eP Pn 20 24 34.8 +0.6

MAN 06 20:33:22.4, 4.83N, 126.00E, h1km, mb4.8, ML3.7, MS3.7, 1C-1D, Talaud Islands

Code Station Name Az AZ Phase ID Time Res
DMMP Don Marcelino 1.30 347 eS Op
SKMP Bagumbayan, Su 2.22 319 eS Sg
DMPH Davao City-Mi 2.29 348 eS Sg
KCP Kidapawan 2.35 337 iS Sg
BUKP Musuan 3.17 343 eS Sg

IDC 06 20:52:34.0, 5.4, 7.43S, 117.49E, h298km, 5.1km, mb2.8/5, mb1 3.0/7, mb1mx2.7/40, mbmp3.6/7, Error ellipse: s-maj=86.2km s-min=17.4km az=61.0, Bali Sea

Code Station Name Az AZ Phase ID Time Res
BATI Baumata 6.70 115 P Op
BATI 1.9nm, 0.3s, baz=276, slow=3.7, SNR=3.3 S
FITZ Fitzroy Crossi 13.24 144 P
FITZ 0.1nm, 0.3s, baz=317, slow=17, SNR=5.3 S
WRA Warramunga Arr 20.53 129 P
ASAR Alice Springs 22.55 138 P
SONM Songoing Array 55.90 351 P
MKAR Makanchi Array 62.39 333 P
ZALV Zalesovo Beam 67.06 340 P

KRNET 06 21:04:30.6, 0.1, 40.25N, 77.34E, mb3.5
SOME 06 21:04:30.3, 40.22N, 77.40E, h10km
NWC 06 21:04:32.9, 1.3, 40.35N, 77.47E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=9.4km s-min=7.8km az=159.0

ISC 06 21:04:30.3, 1.8, 40.21N, 0.08, 77.30E, 0.03, h10km, n75, c222/107, 23C-22D, Kyrgyzstan-Xinjia border region

Code Station Name Az AZ Phase ID Time Res
NRN Naryn 1.57 322 iP P
NRN 14nm, 0.5s, baz=19 iS
KDJ Kajisy 1.92 357 iP P
KDJ 14nm, 0.5s, baz=57 iS
ULHL Ulahol 2.18 339 iP P
ULHL 14nm, 0.5s, baz=38 iS
PRZ Przheval'sk 2.42 20 iP P
PRZ 14nm, 0.5s, baz=20 iS
KZA Kyzart 2.42 321 iP P
KZA 14nm, 0.5s, baz=20 iS
KZA Kyzart 2.42 321 P
BOOM Boomsokoye usch 2.49 336 iP P
ANVS Anan'yevoy 2.58 6 iP P
ARLS Aral 2.79 307 iP P
ARLS 14nm, 0.5s, baz=5.0 eS
TNSS Tian-Shan 2.83 355 P
TNSS 14nm, 0.5s, baz=0.6s
TNSS Tian-Shan 2.83 355 eP
IZV Iztovkoviy 2.87 350 P
IZV 14nm, 0.5s, baz=0.6s
UCH Uchter 2.91 315 iP P
UCH 14nm, 0.5s, baz=14 iS
MDOK Medeo 2.95 356 iP P
MDOK 14nm, 0.5s, baz=0.4s
MDOK Medeo 2.95 356 P
SATY Saty 2.96 16 P
SATY 14nm, 0.5s, baz=0.4s
MTBS Maitube 2.98 348 P
MTBS 14nm, 0.5s, baz=0.2s
TKM2 Tokmak 2 2.99 335 P
KST Kastek 3.00 341 P
KST 14nm, 0.5s, baz=0.7s
AAA Alma-Ata 3.01 355 P
AAA 14nm, 0.5s, baz=0.3s
KNDC Almaty 3.01 355 iP P
KBK Karagaybulak 3.01 325 iP P
KOTS Kotyrbulak 3.02 357 P

KOTS 479nm, 0.4s 3.02 357 eP Pg
KOTS Kotyrbulak 37nm, 0.3s eS
ZHN Zhinshike 3.07 16 P Pg
ZHN Zhinshike 52nm, 0.5s 3.07 16 eP Pg
UZB Uzunbulak 3.20 23 P Pg
UZB Uzunbulak 30nm, 0.7s 3.20 23 eP Pg
AAK Ala-Archa 3.21 320 iP Pn
AAK Ala-Archa 72nm, 0.8s 3.21 320 iP P
FRU1 Bishkek 3.28 323 iP Pn
AML Almayashu 3.33 306 iP Pn
KURS Kuram 3.34 11 P Pg
SHLS Shalkode 3.36 28 P Pg
SHLS Shalkode 3.36 28 eP Pg
CHMS Chumysh 3.37 326 P Pn
PDGK Podgornoye 3.52 27 P Pg
PDGK Podgornoye 24nm, 0.7s 3.52 27 iP Pn
KTBS Karatobe 3.52 353 P Pg
KTBS Karatobe 167nm, 0.7s 3.52 353 eP Pn
EKS2 Erkin-Say 3.60 314 iP Pn
CHKK Chushkaly 3.65 356 P Pg
CHKK Chushkaly 79nm, 0.4s 3.65 356 eP Pn
KUU Kurty 3.75 349 P Pg
KUU Kurty 89nm, 0.7s 3.75 349 eP Pn
SGDS Sogindiy 3.80 329 P Pg
MNBS Baschi 3.95 12 P Pg
MNBS Baschi 33nm, 0.6s 3.95 12 eP Pn
MRKS Merke 3.97 311 P Pg
MRKS Merke 14nm, 0.8s 3.97 311 eP Pn
DJR Jarkent 4.51 23 P Pg
DJR Jarkent 12nm, 0.5s 4.51 23 eP Pn
KAPS Kapalarasan 5.29 16 P Pg
KAPS Kapalarasan 8.9nm, 0.6s 5.29 16 eP Pn
BTLS Baital 5.39 335 P Pg
BTLS Baital 5.8nm, 0.5s 5.39 335 eP Pn
KK31 Karatay Array 5.84 302 iP Pn
MAK2 Makanchi 7.42 26 iL Pg
MK31 Makanchi Array 7.51 27 Pn
OTUK Ortay 8.78 338 iL Pg
WEL 06 21:16:50.2, 0.4, 41.3S, 3x17.2E, h2km, M3.5/14, ML3.6/7, MLV3.5/14, Error ellipse: s-maj=0.0km s-min=0.0km az=177.7, South Island
DSZ Denniston Nort 0.55 229 Op
DSZ 12nm, 0.9s P S

THZ Tophouse 0.55 133 P S Pg
QRZ Quartz Range 0.57 13 P S Pg
NNZ Nelson 0.78 78 P S Pg
BSWZ Blackbirch Sta 1.18 107 P S Pg
TUWZ Tuamarina 1.19 93 P S Pg
DUWZ D'Urville Isla 1.31 64 P S Pg
KHZ Kahurata 1.35 140 P S Pg
LTZ Lake Taylor 1.40 183 P S Pg
CHWZ Cape Campbell 1.44 105 P S Pg
INZ Inchbonnie 1.50 207 P Pn
GVZ Grege Valley S 1.56 163 P Pn
AMCZ Amberley 1.80 173 P Pn
BHW Baring Head 1.89 91 P Pn
OXZ Oxford 1.97 187 P Pn
CAW Cannon Point 2.06 83 P Pn
VWZ Waitaha Valley 2.07 215 P Pn
MSWZ Moikau Station 2.17 92 P Pn
PLWZ Palliser 2.18 96 P Pn
OGWZ Okaki Gorge 2.20 75 P Pn
PAWZ Pakenham Farm 2.33 175 P Pn
MTW Mount Morrison 2.38 86 P Pn
OKCZ Okains Bay 2.39 168 P Pn
NBEZ Newall Road No 2.41 29 P Pn
HWWZ Holdsworth Sta 2.43 79 P Pn
KHEZ Kahui Hut 2.44 32 P Pn
TRWZ Traveller 2.50 91 P Pn
PKE Pukeiti 2.52 30 P Pn
RPZ Rata Peaks 2.52 202 P Pn
WAZ Wanganui 2.52 52 P Pn
TWVZ Te Whanga 2.67 85 P Pn
FOZ Fox Glacier 2.85 220 P Pn
PRWZ Poru Road 2.85 74 P Pn
VRZ Vera Road 2.91 40 P Pn
TSZ Takapari Road 3.04 65 P Pn
PKVZ Pokaka 3.10 48 P Pn
PWVZ Pukerua 3.27 64 P Pn
TUWZ Tukino 3.29 51 P Pn
TWVZ Taurewa 3.30 46 P Pn
NGZ Ngauruhoe 3.32 49 P Pn
LBZ Lake Benmore 3.40 207 P Pn
GHZ Black Hill Sta 3.40 57 P Pn
HZZ Hauri 3.45 35 P Pn
KRHZ Kereru 3.52 62 P Pn
JCZ Jackson Bay 3.76 223 P Pn
BKZ Black Stump Fm 3.86 56 P Pn
ODZ Otauhu Downs 3.87 198 P Pn
WNSZ Wanska 4.22 214 P Pn
TOZ Tahuroa Road 4.38 35 P Pn

SJA 06 21:19:33.7, 0.9, 34.05S, 69.15W, h25km, 3km, ML3.2, MW3.5
ISCJB 06 21:19:34.9, 0.6, 34.03S, 0.03, 69.16W, 0.04, h17km, 8km, Error ellipse: s-maj=5.6km s-min=4.7km az=144.1
GUC 06 21:19:34.9, 0.6, 34.00S, 69.21W, h14km, 4km, ML2.6
ISC 06 21:19:34.1, 2, 34.05S, 0.03, 69.20W, 0.03, h14km, 11km, Error ellipse: s-maj=28.3km s-min=8.6km az=176.0

Code Station Name Az AZ Phase ID Time Res
LMEL Las Melosas 0.86 283 iP Pn
RFA San Rafael 0.94 140 iP Pn
AAGR Agrelo 1.01 18 iP Pn
COIS El Sosneado 1.10 197 iP Pn
FCH Farellones 1.16 308 iP Pn
ARCO CERRO ARCO 1.23 11 iP Pn
CLCH Cerro Calan 1.29 300 eP Pn
PUMA Malargue 1.46 188 iP Pn
ASAL Salagasta 1.49 12 iP Pn
PEL Peldehue 1.53 306 iP Pn
PEL Peldehue 1.53 306 iP Pn
RTLS Leoncito 2.25 358 iP Pn
RTOV Cerro Valdivia 2.25 14 iP Pn
ACAN Cantantial 2.45 44 iP Pn
ZON Huaila 2.45 246 iP Pn
RTOV Cerro Villucun 2.78 13 iP Pn
AMOG Mogna 3.16 11 iP Pn
MRA San Martin 3.34 62 iP Pn
GO04 Tololo Observa 4.09 340 iP Pn
TCA Tanti 4.73 56 iP Pn
CYA Choya 6.30 28 iP Pn

KRNET 06 21:22:41.8, 0.1, 40.92N, 71.87E, h17km, mb2.0
SOME 06 21:22:44.2, 41.13N, 71.82E, h0km, mb2.9, mpv2.5, NWC 06 21:22:46.9, 3.0, 41.21N, 71.78E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=28.3km s-min=8.6km az=176.0

Code Station Name Az AZ Phase ID Time Res
ARK Arkit 0.82 7 iP Pn
ARSB Arslanbob 0.94 68 iP Pn
BTK Batken 1.20 220 iP Pn
IUG Iuzhnay 1.78 311 P Pg
IUG Iuzhnay 0.6nm, 0.2s 1.78 311 eP Pg
IUG Iuzhnay 20nm, 0.2s 1.78 311 eP Pg
IUG Iuzhnay 0.5nm, 0.1s 1.78 311 eS Pg
AML Almayashu 1.81 50 iP Pn
MRKS Merke 2.05 30 P Pg
MRKS Merke 5.3nm, 0.3s 2.05 30 eP Pg
MRKS Merke 7.7nm, 0.2s 2.05 30 eS Pg
ARLS Aral 2.07 64 iP Pn
ARLS Aral 2.07 64 iS Pn
EKS2 Erkin-Say 2.22 40 iP Pn



7d 0h

2013 SEP

s-min=10.2km az=175.5
IDC 06 22:21:45.1,3.7,8.54N,93.62E,h88km,34km,mb3.5/11,
mb1.3/13,mb1mx3.5/37,mbtmp3.8/13,MS3.3/2
Ms1.3/4.2,ms1mx2.8/22,Error ellipse: s-maj=29.9km
s-min=15.9km az=49.0

ISC 06 22:21:38.6,0.9,8.3N,01:01:93.30E,0:09,h35km,n24,
a198/21,mb3.8/11,Nicobar Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Chiang Mai Arr, Pallekele, Palk, Jiri, etc.

ISCJB 06 22:51:00.5,0.7,32.11S,0:04:70.02W,0:04,h121km,7km,
Error ellipse: s-maj=6.9km s-min=6.2km az=161.2
SJA 06 22:51:01.1,0.8,32.07S,0:07:03.03W,h106km,5km,ML3.4,
MW3.5
GUC 06 22:51:01.9,0.9,32.13S,0:07:13W,h105km,13km,ML3.6
ISC 06 22:51:00.7,1.7,32.11S,0:04:70.02W,0:04,
h121km,12km,n22,az=68/31,1C-1D,Chile-Argentina

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Leoncito, ASAL, PEL, ARCO, etc.

SVSA 06 23:15:30.5,1.1,40.62N,29:07W,h5km,MD3.9,ML2.9,
Error ellipse: s-maj=12.0km s-min=5.9km az=83.0,
Azores Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Graciosa, CEDROS, CALA, etc.

SVSA 06 23:29:29.6,1.3,40.62N,29:17W,h10km,MD3.8,ML3.0,
Error ellipse: s-maj=14.7km s-min=7.4km az=84.0,
Azores Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Graciosa, CALA, PMAN, etc.

BJI 06 23:30:48.0,0.0,36.38N,77.98E,h117km,mb4.3/1,
mb2/2,Kashmir-Xinjiang border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Kashi, WMQ, etc.

NIED 06 23:39:00.23:80N,125:80E,h5km,Mw4.0 Best double
couple: Ms9.67000/1014 NP1:0s114.00000/812.00000/
lambda-61.000000/ N2P2:0s264.00000/880.00000/
lambda-96.000000/
IDC 06 23:39:15.9,1.1,23:50N,125:93E,h0km,mb3.7/6,
mb1.3/7,mb1mx3.5/36,mbtmp3.7/7,ML2.8/1,MS2.4/1,
Ms1.2/4.1,ms1mx2.1/48,Error ellipse: s-maj=46.1km,
s-min=18.2km az=69.0

JMA 06 23:39:19.0,1.1,23:76N,125:78E,h112km,4km,M3.5
ISC 06 23:39:16.9,2.1,23:57N,0:08:125.92E,0:04,h11km,12km,
n26,c1s10/42,mb3.7/3,Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Gusukube, Miyako jima3, etc.

ISCJB 06 23:53:56.0,1.2,38:51N,0:10:71:4E,0:1, h10km, mb3.6/3,
Error ellipse: s-maj=15.7km s-min=10.0km az=142.2
NKC 06 23:53:57.8,4.8,38:59N,71:35E,h0km,mb4.3,mpv3.9,
Error ellipse: s-maj=46.8km s-min=33.1km az=151.0
IDC 06 23:54:06.5,5.5,38:99N,71:64E,h86km,51km,mb3.3/3,
mb1.3/4.8,mb1mx3.1/48,mbtmp3.6/8,ML3.3/5,Error
ellipse: s-maj=59.4km s-min=39.1km az=163.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like Kure jima 2, KAJ, etc.

ISC 06 23:53:58.1,1.7,38:6N,0:10:71:3E,0:1,h10km,n20,
a1993/23,mb3.7/3,4C-2D,Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like AML, EK52, KK31, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like ZALV, KVAR, ARCES, etc.

SNET 07 00:13:25.6,1.2,14:46N,92:55W,h67km,14km,ML6.3
IDC 07 00:13:27.5,1.1,14:46N,91:63W,h52km,8km,mb4.8/30,
mb1.4/9.3,mb1mx4.9/36,mbtmp5.1/33,MS5.7/34,
Ms1.5/7.34,ms1mx5.6/39,Error ellipse: s-maj=13.1km
s-min=9.5km az=55.0
MEX 07 00:13:28.0,0.7,14:34N,92:26W,h70km,8km,MD6.0
MOS 07 00:13:28.0,1.1,14:82N,91:86W,h66km,mb5.9/53,
MS5.8/23,Error ellipse: s-maj=6.7km s-min=4.9km
az=93.9

NEIC 07 00:13:29.6,2.1,14:161N,0:06:92.12W,0:06,h66km,1km,
mb5.9/662,Mw6.4,Mw6.6,MLw6.4,Mw6.1(MEX),
Mw6.3(SNET),Mw6.5(GCHIT),Moment Tensor Solution.
Moment tensor: Scale 1018Nm; Mrr:0.021;
Mss:1.19; Mss:3.64; Mss:0.15; Mrr:3.31; Fault plane solution:
Ms5.03000\*1018 NP1:0s2992000/810.10000/
lambda-17.470000/ NP2:0s314.27000/887.47000/
lambda-99.780000/ Principal axes: T 4.7410,Plg42.00000/
Azms54.00000/N 0.5394,Plg10.00000/ Azm315.00000/P
-5.2804,Plg47.00000/ Azm214.00000/ earthModelID
quakeml.us.anss.org/earthmodel/ak135
BJI 07 00:13:29.4,0.1,14:67N,92:11W,h70km,mb5.6/43,
MS6.2/63,MS7.6/058

UCR 07 00:13:29.2,2.4,15:25N:91:75W,h20km,927km,MW6.1,
n26,c1s10/42
ISCJB 07 00:13:31.6,0.2,14:77N,0:01:91.94W,0:01,h105km,2km,
mb5.3/121,Error ellipse: s-maj=2.6km s-min=1.7km
az=143.2

GCG 07 00:13:31.2,0.6,14:61N:92:13W,h59km,46km,MD6.5
NEIC 07 00:13:31.3,2.1,14:70N,0:04:92.11W,0:04,h78km,3km,
earthModelID quakeml.us.anss.org/earthmodel/ak135
GCMT 07 00:13:36.9,0.1,14:54N:92:11W,h80km,MW6.4/160,
Moment Tensor Solution. s160,c423; s156,c628;

Duration: 4#0 Moment tensor: Scale 1018Nm;
Mrr:0.12;02; Mss:1.46;02; Mss:1.34;02; Mss:4.13;02;
Mss:0.21;02; Mrr:3.59;02; Best double couple:
Ms5.44700\*1018 NP1:0s131.00000/89.00000/
lambda-105.00000/ NP2:0s223.00000/815.00000/lambda-2.000000/
Principal axes: T 5.6710,Plg44.00000/ Azm315.00000/N
-0.0540,Plg15.00000/ Azm310.00000/P -5.6220,
Plg43.00000/ Azm207.00000/ nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function

NEIC 07 00:13:39.4,14:65N:91:79W,h90km,Moment Tensor
Solution. Moment tensor: Scale 1018Nm; Mrr:0.18;
Mss:0.50; Mss:0.68; Mss:4.32; Mss:0.47; Mrr:3.13; Fault
plane solution: Ms5.40000\*1018 NP1:0s136.00000/
889.00000/lambda-97.000000/ NP2:0s208.00000/88.000000/
lambda-110.780000/ Principal axes: T 5.4744,Plg43.00000/
Azm43.00000/N -0.1729,Plg8.00000/ Azm306.00000/P
-5.3015,Plg46.00000/ Azm208.00000/

NEIC 07 00:13:39.14:55N:92:10W,h85km,Moment Tensor
Solution. Moment tensor: Scale 1018Nm; Mrr:0.09;
Mss:1.35; Mss:1.26; Mss:4.21; Mss:0.10; Mrr:3.52; Fault
plane solution: Ms5.64000\*1018 NP1:0s130.00000/
889.000000/lambda-103.000000/ NP2:0s213.000000/813.000000/
lambda399.780000/ Principal axes: T 5.5974,Plg44.00000/
Azm53.00000/N 0.0885,Plg13.00000/ Azm310.00000/P
-5.6858,Plg43.00000/ Azm207.00000/

NEIC 07 00:13:56.3,14:64N:91:46W,h82km,Moment Tensor
Solution. Moment tensor: Scale 1018Nm; Mrr:0.18;
Mss:1.29; Mss:1.11; Mss:4.35; Mss:0.31; Mrr:2.84; Fault
plane solution: Ms4.56000\*1018 NP1:0s129.180000/
889.280000/lambda105.740000/ NP2:0s221.730000/815.760000/
lambda2.668000/ Principal axes: T 5.64800,Plg44.00000/
Azm55.00000/N -0.1669,Plg16.00000/ Azm309.00000/P
-4.4781,Plg42.00000/ Azm204.00000/

ISC 07 00:13:29.9,0.3,14:67N,0:03:92.09W,0:03,h74km,2km,
h74km:PM1.n1924,a2a04/1874,mb5.9/400,51C-31D,
Near coast of Chiapas

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like THIG, XIG, etc.

APG 8um,0.3s,baz=308,slow=19.5SNR=17
XIG Ipxaco 1.69 107 i P Pn 00 13 59.0 +1.5
XIG Ipxaco 1.67 107 e P Pn 00 13 57.8 +0.3
XIG Ipxaco 1.69 92 i P Pn 00 14 00.7 +2.9
MOYG Moyuta, Jutiap 2.04 107 e P Pn 00 14 04.3 +1.9
MOYG Matias Romero 2.32 335 e P Pn 00 14 07.0 +1.0
TGIG Teguigalpa,Un 2.32 335 e S Sn 00 14 07.0 +1.0
TGIG Teguigalpa,Un 2.32 335 e S Sn 00 14 35.8 +2.1

MRL Marmol 2.36 80 i P Pn 00 14 09.3 +2.5
RTR El Retiro 2.49 108 e P Pn 00 14 08.8 +1.4
CCLS Condesa 2.53 108 e P Pn 00 14 08.4 +1.3
CEVE Cerro Verde 2.53 108 e S Sn 00 14 46.3 +7.2
SNJE San Jose 2.54 108 e S Sn 00 14 10.1 +1.0
SNET Serv Nac Est T 2.94 109 e P Pn 00 14 15.9 +1.5
SNET Serv Nac Est T 2.94 109 e P Pn 00 15 02.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC, Time Res, h m s, ISC. Contains data for stations like LOMA, LFLU, etc.





Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like White Oak, Loudon, V51A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like CNNC, MPR, T54A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like S58A, S58B, R56A, etc.



2013 SEP

Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like J58A Remsen, PKM Nicphers Peak, F48A Evansville, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like F55A Otter Lake, YUF Upper Falls, WAKR Walker, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like F10A Beach Ranch, PQI Presque Isle, K04D Chiloquin, etc.



7d 0h

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like CC1A, WPS, RBSS, WLF1, ESK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKN, BJO1, Molde, JBK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECH, ECHery, MAHO, etc.



7d Oh

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like NKL, AGG, KIS, and others.

2013 SEP

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like OTUK, KRSR, KSAR, and others.

452

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like BLWY, RAYN, RAYN, and others.

Table with columns: ASAR, Alice Springs, 135.80 251, PKHKP, PKPpre, 00 32 27.9, comp=Z, 1.0nm, 0.7s, baz=95, slow=3.4, SNR=9.4, PKP, PKPpdf, 00 32 43.0 +0.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, etc. Includes entries like MKZ Mys Kozlova, TUMZ Tumorok D, KZV Krutoberegovo, etc.

Table with columns: ALJI Tecapa, 3.31 105, eS, Sn, 00 22 07.2 +2.3, etc. Includes entries like ALJI Tecapa, ALJI Tecapa, ALJI Tecapa, etc.

KRSC 07 00:15:31.5:1.2, 54.47N:162.78E, h48km, 18km, ML4.0
ISCJB 07 00:15:33.0:5.0, 54.50N:0.03:162.79E, 0.06, h48km, 12km, mb3.4/2, Error ellipse: s-maj=6.7km s-min=3.4km az=35.7

BJI 07 00:20:37.5:0.0, 14.30N:91.80W, h65km, mb5.4/7, Ms6.0/9, Ms7.5/10
NEIC 07 00:20:37.8:2.4, 14.30N:0.05:91.87W, h70km, 3km, earthModelID, usans.org/earthmodel/ak135
MOS 07 00:20:38.4:0.9, 14.52N:91.43W, h86km, mb5.5/7, Error ellipse: s-maj=13.7km s-min=8.7km az=103.0
SNET 07 00:20:38.3:1.0, 14.22N:91.87W, h59km, 1.2km, ML5.1
ISCJB 07 00:20:39.0:3.0, 14.34N:0.02:91.70W, 0.2, h105km, 2km, mb4.8/56, Error ellipse: s-maj=4.0km s-min=2.7km az=40.3
GCG 07 00:20:39.6:0.6, 14.36N:91.83W, h62km, 2.6km, MD5.1
MEX 07 00:20:39.2:0.9, 14.15N:91.97W, h40km, 25km, MD5.1
IDC 07 00:20:39.4:1.8, 14.80N:91.21W, h72km, 1.5km, mb6.6/37, s-maj=17.47km s-min=8.9km az=51.0
ISC 07 00:20:37.8:0.6, 14.35N:0.04:91.79W, 0.03, h70km, 5km, n816, r1957/819, mb5.3/184.5C-5D, Guatemala

TXAR comp=Z, 2.0nm, 0.3s, baz=162, slow=12, SNR=8.0, P, Cp, 00 29 16.3 +0.2
TXAR comp=Z, 0.1nm, 0.3s, baz=151, slow=4.7, SNR=8.4, ScP, 00 32 48.7 +3.1
TXAR comp=Z, 0.1nm, 0.3s, baz=161, slow=5.7, SNR=5.6, P, 00 24 50.0 +0.4
TXAR comp=Z, 0.1nm, 0.3s, baz=162, slow=5.7, SNR=5.6, P, 00 24 51.1 +1.6
TXAR comp=Z, 0.1nm, 0.3s, baz=162, slow=5.7, SNR=5.6, P, 00 24 50.0 +0.5
TXAR comp=Z, 0.1nm, 0.3s, baz=162, slow=5.7, SNR=5.6, P, 00 24 54.3



7d 0h

Table with columns for station ID, name, frequency, power, type, and status. Includes stations like 357A Townsend, 255A Hazlehurst, 255A Hazlehurst, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, type, and status. Includes stations like PAULI Pauline, X56A White Oak, P46A Rosedale, etc.

454

Table with columns for station ID, name, frequency, power, type, and status. Includes stations like P46A Rosedale, P48A Milroy, S56A Natural Bridge, etc.

455

Table with columns for station ID, name, frequency, time, signal strength, and other parameters. Includes stations like J55A Hilton, EDW2 Edwards Air Fo, BBGH Gun Hill, etc.

2013 SEP

Table with columns for station ID, name, frequency, time, signal strength, and other parameters. Includes stations like RLMT Red Lodge, FRNY Flat Rock, D51A Lot 18 Range I, etc.

7d 0h

Table with columns for station ID, name, frequency, time, signal strength, and other parameters. Includes stations like NEW Newport, J01E Myrtle Point, MNMC Minye Mine, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Phase ID Error, Time, Residual, and other parameters. Includes stations like HDA, KDKA, KDKA, IL31, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Phase ID Error, Time, Residual, and other parameters. Includes stations like KHC, KHC, TEOL, GERES, PRU, MYKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Phase ID Error, Time, Residual, and other parameters. Includes stations like WSAR, GYA, WRA, ASAR, etc.

MDD 07:00:21:22.4±1.8, 37:20N:11:20W, hOkm, mbLg2 5/22, Error ellipse: s-maj=16.3km s-min=11.3km az=65.0, PRXIMO

IGIL 07:00:21:22.9±2.0, 11:22W, h2km, ML1.9, INMG 07:00:21:24.1±1.1, 37:05N:11:36W, h31km, 27km, ML2.3, Error ellipse: s-maj=20.8km s-min=3.6km az=64.0, ISC 07:00:21:19.9±3.0, 37:18N:10:09:11.3W:0.1, h10km, n52, c189/90, 1.C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Phase ID Error, Time, Residual, and other parameters. Includes stations like PFVI, PFVI, PFVI, etc.



Table with columns: BTAM, Cotopaxi Volca, 2.17 360 P, Pn, 01 03 52.2 -1.0

GCG 07 01:07:54.9.0.4, 13:84N:92.12W, h156km, 4km, MD4.6
ISCJB 07 01:08:02.2.0.5, 14:14N:0.05:91.92W, 0.4, h65km, 5km, mb3.9/9, Error ellipse: s-maj=9.5km s-min=3.2km az=32.2

Code Station Name Delta AZZ Phase ID Time Res h m s ISC

Main table of seismic data for Guatemala region, including stations like Entre ros, C, Fuego 3, Pacaya, etc.

LZH CMAR Chiang Mai Arr 145.84 342 sPKPc PKPdf 01 27 19.5 01 27 35.2 -0.6

GCG 07 01:11:37.9.1.9, 13:86N:91.98W, h0km, 16km, MD3.8,

Table of seismic data for Guatemala region, including stations like Entre ros, C, Santiaguito 3, Fuego 3, etc.

Code Station Name Delta AZZ Phase ID Time Res h m s ISC

Main table of seismic data for Chiapas region, including stations like Monte Dzumac, Charters Tower, etc.

NOA NORSAR Array B150.37 349 PKPbc PKPdf 01 47 43.4 +1.9

SNET 07 01:34:48.0.1.2, 14:37N:92.11W, h54km, 10km, ML3.7,

Table of seismic data for Chiapas region, including stations like Marmol, Cerro Verde, Loma Larga, etc.

ROM 07 01:41:58.2.0.1, 43:365N:0.003:12.547E:0.005, h6km, ML0.5/5, Error ellipse: s-maj=0.4km s-min=0.0km az=77.0, Central Italy

Code Station Name Delta AZZ Phase ID Time Res h m s ISC

Main table of seismic data for Southern Italy region, including stations like Monte Focce - G, Monte Urbino, etc.

Table with columns: ATCC, MURB, ATFO, ATVO, PIEI, etc. Each row contains station name, coordinates, and other technical details.

ISCJB 07 01:43:30.0±1.2, 25°8'N, 0°1'14.17'E, 0.2 h10km, mb3.7/4, Error ellipse: s-maj=28.9km s-min=12.1km az=21.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

ISCJB 07 02:04:20.3±1.0, 14°11'N-93°09'W, h8km±49km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

ISCJB 07 02:16:10.3±1.3, 17°15'N, 0°6'17.9'W, 0.4, h533km, mb3.8/7, Error ellipse: s-maj=89.3km s-min=15.1km az=149.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

Table with columns: DZM, STKA, WRA, ASAR, NVAR, ILAR, TXAR, PDAR, GERES. Lists stations and their coordinates.

ISCJB 07 02:21:07.2±1.2, 14°49'N, 0°09'92.32'W, 0.08, h70km, 11km, Error ellipse: s-maj=19.3km s-min=5.0km az=40.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

MAN 07 02:23:21.8, 10°79'N, 125°64'E, h1km, mb4.1, ML2.9, MS2.5, IC-1D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PLP, BESP, MSPL, etc.

ISCJB 07 02:29:54.9±1.6, 14°5'N, 0°1'92.26'W, 0.09, h70km, 12km, Error ellipse: s-maj=23.2km s-min=6.8km az=38.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

ISCJB 07 02:36:56.0±1.6, 14°5'N, 0°1'92.3'W, 0.1, h73km, 12km, Error ellipse: s-maj=24.7km s-min=7.9km az=39.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

ISCJB 07 02:41:59.2±0.6, 34°19'S, 179°51'W, h0km, mb4.5/11, Error ellipse: s-maj=20.5km s-min=0.0km az=98.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

ISCJB 07 02:42:03.6±1.7, 34°45'S, 179°50'W, 0.09, h32km, 4km, mb4.6/8, earthModelID quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like THIG, ERG, STG3, etc.

Large table with columns: RUGZ, TWGZ, CNGZ, etc. Lists numerous stations and their coordinates.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAJO Matushiro, KSRs Kurohara, PETK Petropavlovsk, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, THIG Thig, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUTP Butuan, SCPH Surigao, BUKP Musuan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG Thig, STG3 Santiagouito 3, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STG3 Santiagouito 3, FUG Fuego 3, IXC Ixpaco.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG Thig, STG3 Santiagouito 3, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STG3 Santiagouito 3, THIG Thig, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG Thig, STG3 Santiagouito 3, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DMPP Don Marcelino, SKMP Bagumbayan, Su, BUKP Musuan.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STG3 Santiagouito 3, FUG Fuego 3, IXC Ixpaco.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IMP Imphal, MOKO MOKOCHONG, JORH JORHAT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AZL Aizawl, SHL Shillong, GUWA GUWAHATI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG Thig, STG3 Santiagouito 3, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRDH, LSA Lhasa, SIRM Sittwe, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHTO Chiang Mai, CMMT Chiang Mai, PAVA Payao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PKI Pulchoki, PKIN Pulchoki, KKN Kakani, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UTTA Uttaratit, GKN Gorkha, UMPA Umpang Tak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, KSH Kashi, KSH Kashi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRZ Przewalsk, NJZ Nanjing, KDJ Kajisay, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOOM Boomsokoye usch, TKM2 Tokmak 2, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CN2 Changchun, BVA0 Borovoye Array, and various meteorological stations.

MEX 07 03:30:24.2-1.3, 157.0N-93.08W, h15km, 999km, MD3.5, Near coast of Chiapas. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

GCG 07 03:20:0.0-0.8, 145.7N-91.89W, h63km, 14km, MD3.4, 1D, Guatemala. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

MAN 07 03:22:20.9, 6.29N-124.61E, h13km, mb4.2, ML3.0, MS2.7, IC, Mindanao. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

MEX 07 03:47:04.2-0.7, 14.16N-92.02W, h22km, 30km, MD3.8. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

GCG 07 03:51:58.0-0.4, 14.77N-91.48W, h44km, 7km, MD3.7, 1D, Guatemala. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

GCG 07 03:53:08.2-0.3, 14.98N-92.22W, h87km, 8km, MD3.9. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

THIG Santiaguillo 3, 0.29 342 Op Pn. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

UCR 07 04:14:52.7-1.0, 10.42N-86.26W, h18km, 12km, MW3.7, Off coast of Costa Rica. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:22:11.3-1.8, 11.38S-165.30E, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.8/36, mbtmp3.4, ML3.5/1, Error ellipse: s-maj=50.5km s-min=33.5km az=127.0, Santa Cruz Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:22:36.6-1.1, 5.49S-81.96W, h0km, mb3.9/8, mb1.4/0.1, mb1mx3.8/36, mbtmp3.9/11, ML3.7/3, MS3.4/5, Ms1.3/3.5, ms1mx2.8/29, Error ellipse: s-maj=35.1km s-min=15.7km az=38.0. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:22:39.0-0.6, 5.38S-0.06E-81.90W-0.06, h33km, mb3.9/8, MS3.3/4, Error ellipse: s-maj=10.1km s-min=6.3km az=41-9. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

NEIC 07 04:22:41.9-1.8, 5.40S-0.09E-81.88W-0.09, h38km, 8km, mb4.3/9, earthModelID quakeml.us.anss.org/earthmodel/ak135. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:22:41.0-0.7, 5.46S-0.07E-81.89W-0.08, h35km, n33, 150/33, mb4.1/10, MS3.2/4, Near coast of northern Peru. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

ATAH Athalupa, 3.85 11Z Op Pn. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

PTGA Pitinga, 22.39 79 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

PD31 Pinedale Array, 54.18 335 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

NV01 Mina Array Sit, 55.20 325 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

SJA 07 04:26:11.7-1.2, 20.80S-69.16W, h18km, 6km, ML2.0, MW2.5, 3D, Northern Chile. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:30:33.0-0.7, 15.37N-121.73E, h0km, mb3.8/15, mb1.4/0.15, mb1mx3.9/35, mbtmp3.8/15, MS3.4/4, Ms1.3/4.4, ms1mx2.9/36, Error ellipse: s-maj=19.8km s-min=10.9km az=104.0. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:30:34.8, 15.35N-121.31E, h1km, mb5.4, ML4.4, MS4.7, MAN INTENSITY III - DINGALAN AURORA; GABALDON NUEVA ECUIA; INTENSITY II - BALER AURORA; LAUR NUEVA ECUIA; CABANATUAN CITY; QUEZON CITY; MALABO CITY; INTENSITY I - DIPACULAO AURORA; IBAAN CITY; BONGABON AND GAPAN NUEVA ECUIA. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:30:36.2-0.3, 15.47N-0.03E-121.49E-0.04, h25km, mb3.8/15, MS3.3/4, Error ellipse: s-maj=6.2km s-min=3.5km az=160.2. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

NEIC 07 04:30:39.5-0.9, 15.37N-0.04E-121.65E-0.04, h45km, 8km, mb4.4/19, earthModelID quakeml.us.anss.org/earthmodel/ak135. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

IDC 07 04:30:37.1-0.5, 15.39N-0.03E-121.54E-0.06, h25km, n73, 150/64, mb4.0/20, MS3.3/4, Luzon. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

BALP Baler, 0.35 5 Es Sb. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

KSM Kuching, 17.72 220 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

KAPI Kappang, 20.35 185 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

MAJO Matushiro, 25.77 32 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

SONA Songino Array, 34.70 342 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.

NIL Nilore, 47.09 302 P P. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC.





Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MYS Shipunski, Ganaly, Mys Kozlova.

GCG 07 05:06:22.0.5, 14.34N:92.31W, h84km, 11km, MD4.1
ISCJB 07 05:06:25.7.1.1, 14.30N:09.92.17W, 0.08, h161km, 13km,
Error ellipse: s-maj=18.7km s-min=5.0km az=39.9

Main table for station THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

NEIC 07 05:07:00.8.3.0, 15.15S:0.05:173.16W, 0.05, h10km, 1km,
mb4.3/s, earthModelID
quakeml.us.anss.org/earthmodel/ak135

Table for stations AFI, NIUE, KANTON, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:07:02.8.0.7, 15.09S:0.07:172.86W, 0.09, h30km, n27,
c185:20, mb4.1/6, MS3.6/9, Samoa Islands region

Main table for stations AFU, NIUE, KANTON, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISCJB 07 05:16:20.6.1.6, 14.61N:0.1:92.05W, 0.09, h74km, 12km,
Error ellipse: s-maj=22.8km s-min=6.5km az=35.1

Main table for stations THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISCJB 07 05:30:06.8.0.5, 14.35N:0.05:92.11W, 0.04, h71km, 4km,
mb4.0/6, Error ellipse: s-maj=10.0km s-min=3.4km az=37.8

Main table for stations ERG, THIG, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

Table for stations THIG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISCJB 07 05:30:06.8.0.5, 14.35N:0.05:92.11W, 0.04, h71km, 4km,
mb4.0/6, Error ellipse: s-maj=10.0km s-min=3.4km az=37.8

Main table for stations THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:07:02.8.0.7, 15.09S:0.07:172.86W, 0.09, h30km, n27,
c185:20, mb4.1/6, MS3.6/9, Samoa Islands region

Main table for stations THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:07:02.8.0.7, 15.09S:0.07:172.86W, 0.09, h30km, n27,
c185:20, mb4.1/6, MS3.6/9, Samoa Islands region

Main table for stations THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISCJB 07 05:30:06.8.0.5, 14.35N:0.05:92.11W, 0.04, h71km, 4km,
mb4.0/6, Error ellipse: s-maj=10.0km s-min=3.4km az=37.8

Main table for stations THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:33:33.4.0.5, 47.3N:3.8E, 1.5km, MLH3.1/11.2C,
smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID

Main table for stations THIG, ERG, STG3, FUG, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

Table for stations MKAR, MAKZ, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:38:06.8.0.7, 8.03N:37.97W, h0km, mb3.9/9, mb1.3/9.9,
mb1mx3.7/54, mbtmp3.8/9, MS3.6/15, M1.3.6/15,
ms1mx3.4/32, Error ellipse: s-maj=29.2km s-min=17.4km az=143.0

Main table for stations MKAR, MAKZ, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:38:07.8.0.5, 8.02N:0.09:37.98W, 0.08, h16km,
mb3.8/9, MS3.6/14, Error ellipse: s-maj=15.0km s-min=10.2km az=145.5

Main table for stations MKAR, MAKZ, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISC 07 05:38:09.8.0.6, 8.0N:0.1:38.0W, 0.1, h16km, n40,
c180:25, mb4.0/12, MS3.7/14, Central Mid-Atlantic Ridge

Main table for stations MKAR, MAKZ, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

MEX 07 05:38:34.7.0.8, 14.08N:91.72W, h16km, 161km, MD3.5
SNET 07 05:38:37.3.0.7, 14.31N:91.71W, h50km, 4km, ML3.4
GCG 07 05:38:37.0.0.4, 14.14N:91.75W, h64km, 8km, MD3.8

Main table for stations MKAR, MAKZ, etc. with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

Error ellipse: s-maj=21.8km s-min=6.0km az=39.8

MEX 07 05:39:49.5 0.5, 14.47N:92.21W, h76km, 5km, MD3.9
CGC 07 05:39:52.9 0.6, 15.00N:91.96W, h64km, 7km, MD4.0
ISC 07 05:39:50.2 1, 14.6N:01:92.3W:0.1, h67km, 12km, n9,
c#068/16, 1D, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like THIG, STG3, ERG, FUG, PCIG, CCIJ, IXG, MOYG, TGIG.

CGC 07 05:48:37.9 0.3, 14.66N:91:67W, h73km, 8km, MD3.6
MEX 07 05:48:37.9 0.6, 14.14N:91:91W, h22km, 29km, MD3.8
ISC 07 05:48:34.7 2, 6.143N:01:91.91W:0.09, h10km, 16km, n7,
c#108/12, 1D, Guatemala

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like STG3, THIG, FUG, IXG, PCIG, CCIJ, TGIG.

MAN 07 05:52:54.3, 6.32N:124.34E, h21km, mb4.7, ML3.6, MS3.5, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like SKMP, DDMP, BUUP, MATI.

IDC 07 05:56:59.7 1.3, 26.98N:131.41E, h0km, mb3.5/3,
mb1 3.8/4, mb1mx3.4/4, mbtmp3.6/4, ML3.0/1, MS3.5/1,
Ms1 3.5/1, ms1mx2.4/3, Error ellipse: s-maj=71.4km
s-min=25.6km az=86.0
ISC/B 07 05:57:38.2 0.7, 27.99N:01:07:139.18E:0.2, h500km,
mb3.0/3, Error ellipse: s-maj=21.7km s-min=7.9km
az=167.6

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like CBJJ, JHJ2, BS01, JIE, JKN2, BSO4, HMMU, JHU, JLU, JRY, JAG, HJHO, MJAR, WRA, ASAR, PALK, FINES.

RSNC 07 06:09:56.0 0.7, 6.77N:73.15W, h153km, 5km, ML1.7, Northern Colombia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like BARC, BARRC, RUSC, PTBC, SPBC, ZARC.

ROM 07 06:16:06.4 0.2, 43.364N:0:008:12.526E:0.004,
h7km, 1km, ML1.0/3, Error ellipse: s-maj=0.7km
s-min=0.5km az=181.0, Central Italy

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like ATFO, MURB, WRA, MJAR.

Main table section for 2013 SEP, columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like MURB, ATPI, SFRR, FRON, NARO, ARVD, FSSB, SFI, SFI, SFI, SFI, SFI, ASQU, ASQU, PARC, RUFU, PE3, PE3, PE3, PE3, BRIS, BRIS, BRIS, BRIS, BRIS, BRIS, CAFI, Urewera, CTAs, ASAR, WRA, MJAR.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like PETK, USRK, ILAR, CMAR, FINES, AKASG, BRTR, GERES.

MAN 07 06:22:59.5, 7.42N:124.84E, h1km, mb4.6, ML3.5, MS3.4, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like BUKP, CTB, DMPH, SKMP, CGP, MATI, PAGZ, DDMP, BUTP, MSLP.

IDC 07 06:24:15.4 1.8, 9.95S:121.48E, h0km, mb3.6/1,
mb1 3.6/5, mb1mx3.4/4, mbtmp3.4/5, ML3.2/4, Error
ellipse: s-maj=48.9km s-min=23.3km az=38.0, Savu Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like BATI, FITZ, FITZ, WRA, WRA, ASAR, MKAR.

MAN 07 06:25:46.4, 7.44N:124.79E, h4km, mb4.5, ML3.4, MS3.2, 9C, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like BUKP, CTB, DMPH, SKMP, CGP, PAGZ, DDMP.

SOME 07 06:26:05.6 41.27N:79.43E, h10km
KRNET 07 06:26:07.9 0.1, 41.14N:79.62E, h25km, mb3.4
NIC 07 06:26:09.2 2.5, 41.14N:79.58E, h0km, mb4.0, mpv3.7,
Error ellipse: s-maj=19.6km s-min=11.7km az=150.0
ISC 07 06:26:03.7 2.1, 41.20N:0:07:79.43E:0.05, h2km, 12km,
n61, c#160/97, 20C-19D, Kyrgyzstan-Xinjiang border
region

Main table section for 2013 SEP, columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like PRZ, KDJ, SHLS, UZB, SATY, ANVS, ZHN, PDGK, KURS, NNRN, TNSS, ULHL, MDOK.

Table with columns for station name, frequency, time, and other parameters. Includes stations like Medeo, Kotsyubaluk, Alma-Ata, Jarkent, etc.

Table with columns for station name, frequency, time, and other parameters. Includes stations like Kashy, Akkeshi, Kushirohmanak, Tuman, etc.

Table with columns for station name, frequency, time, and other parameters. Includes stations like Alice Springs, NORSAR, Malin Array, etc.

ISCJB 07 06:35:09.871.1, 13.37N:01:89.88W:0.07, h51km, 27km, Error ellipse: s-maj=25.0km s-min=5.0km az=24.2

Table with columns for station name, frequency, time, and other parameters. Includes stations like Cerro Verde, San Blas, San Jose, etc.

IDC 07 06:50:03.4:2.8, 31.82S:177.87W, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.7/33, mbtmp3.9/4, ML3.0/1, Error ellipse: s-maj=65.3km s-min=35.3km az=118.0, Kermadec Islands region

Table with columns for station name, frequency, time, and other parameters. Includes stations like Urewera, ASAR, WRA, FITZ, FINES, etc.

IDC 07 07:24:26.2:3.4, 11.24S:164.75E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.5/31, mbtmp3.5/3, Error ellipse: s-maj=164.1km s-min=33.5km az=139.0, Santa Cruz Islands region

Table with columns for station name, frequency, time, and other parameters. Includes stations like Warramunga Arr, ASAR, ELAR, etc.

MAN 07 07:44:53.8, 9.34N:125.17E, h114km, mb3.9, ML2.7, MS2.3, 1D, Mindanao

Table with columns for station name, frequency, time, and other parameters. Includes stations like Surigao, Butip Butigan, MSLP, BUKP, etc.

CGC 07 07:45:19.0:1.4, 14.66N:91.77W, h73km, 7km, MD3.5, Guatemala

Table with columns for station name, frequency, time, and other parameters. Includes stations like Santiaguillo 3, Fuego 3, Ixpaco, etc.

IDC 07 07:48:27.9:2.2, 1.68N:126.85E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/35, mbtmp3.4/3, Error ellipse: s-maj=189.0km s-min=25.6km az=66.0, Northern Molucca Sea

Table with columns for station name, frequency, time, and other parameters. Includes stations like Warramunga Arr, ASAR, MKAR, etc.

IDC 07 07:59:17.8:1.4, 3.70S:152.04E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/31, mbtmp3.7/4, MS3.3/7, MS1 3.3/7, ms1mx3.1/30, Error ellipse: s-maj=43.6km s-min=10.0km az=88.0, New Ireland region

Table with columns for station name, frequency, time, and other parameters. Includes stations like Keravat, Port Moresby, Honiara, GUMO, etc.

7d 8h

2013 SEP

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

ISC/JB 07 08:05:57.2±0.5, 9°16'N±0.04×122°04'E±0.03, h10km, mb3, 7/9, MS2, 6/2, Error ellipse: s-maj=5.9km s-min=4.2km az=32.7

MAN 07 08:05:57.3, 9°16'N±0.04×122°04'E±0.03, h9km, mb5.0, ML4.0, MS4.0 MAN INTENSITY IV- MABINYA NEGROS ORIENTAL: INTENSITY III- BAIS CITY & TANJAY CITY NEGROS ORIENTAL: INTENSITY II- AYUNGON NEGROS ORIENTAL: CAUYAN AND SIPALAY NEGROS OCCIDENTAL: INTENSITY I- SAN JOSE NEGROS ORIENTAL.

IDC 07 08:06:06.2±0.3, 9°16'N±123°31'E, h75km, 8/1km, mb3.5/9, mb1 3.7/9, mb1mx3.5/34, mbtmp3.8/9, ML5.2/1, MS2.9/3, MS1 3.0/3, ms1mx2.7/25, Error ellipse: s-maj=40.4km s-min=16.1km az=60.0

ISC 07 08:07:00.0±0.3, 9°04'N±123°02'E±0.04, h10km, n28, s155±27, mb3.9/2, PC-3D, Negros

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOYG Moyuta, Jutiap, PCIG Comitan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNPH Sigaban, TBP Tablagaran, LLP Lapa-Lapa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, BARI Baumata, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

PGC 07 08:12:50.0±0.5, 50°39'N×130°74'W, h10km, ML2.8/22, ML5n2.8/21, Mw3.5/21, 223km Wsw of Bella Bella, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HG4B Hotspring, HG3B Hotspring, HOLB Holberg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

GCG 07 08:15:08.0±0.4, 13°45'N±92°73'W, h12km, MD3.9, MEX 07 08:15:15.4±0.6, 13°51'N±92°35'W, h28km, 18km, MD4.1 ISC 07 08:15:12.2±0.3, 13°51'N±92°46'W±0.10, h32km, n9, s190/13, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG THIG, STG3 Santiaguito 3, FUG Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

ISC/JB 07 08:21:36.9±0.3, 14°24'N±103°91'83W±0.02, h76km±2km, mb4.1/13, Error ellipse: s-maj=5.4km s-min=2.8km az=38.5

NEIC 07 08:21:37.2±0.8, 14°17'N±107°07'51"85W±0.06, h65km±5km, mb4.3/12, Mkt, 0.0E, earth, 0.0E, I, D, quakem:us.ansg.org/earthmod/ak135 OZM 07 08:21:38.2±0.9, 14°10'N±92°01'W, h17km, 39km, MD4.0 GCG 07 08:21:39.3±0.8, 14°36'N±91°74'W, h56km, 31km, MD4.5 SNET 07 08:21:39.9±1.1, 14°41'N±91°35'W, h0km, 3km, ML4.7 IDC 07 08:21:41.6±1.7, 14°44'N±91°54'W, h11km, 15km, mb3.8/13, mb1 4.0/15, mb1mx3.8/36, mbtmp4.2/15, MS3=6/17, MS1 3.6/18, ms1mx3.5/29, Error ellipse: s-maj=27.1km s-min=9.9km az=61.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERG Entre ros, C, STG3 Santiaguito 3, THIG THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOTA Rioblanco, 254A Abbeville, ORTC Ortega, Tolima, etc.

ISC 07 08:21:37.5±0.8, 14°25'N±105°91'84W±0.04, h67km±6km, n337, s139/327, mb4.3/51, 1-C-1D, Guatemala

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

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

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

Table with columns: Iridium satellite ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and Status. Includes satellites like V53A Saluda, U49A Red Boiling Sp, U50A Jamestown, etc.

Table with columns: Iridium satellite ID, Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and Status. Includes satellites like PDAR Pinedale Array, SADO Sadowa, J58A Remsen, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Phase ID, Time, and Residual. Includes stations like GCG 07 08:24:33.0,0.7,14:19N-91:73W, etc.

IDC 07 09:51:41.1-2.7, 5.79S, 151°57'E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.4/2, mbtmp3.5/3, ML1.5/1, Error ellipse: s-maj=111.0km s-min=17.2km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KRVT, PMG, WRA, ASAR, TORD.

CNRM 07 09:24:40.3, 36°41'N-8°15'W, h31km, ml4.4, IIGL 07 09:24:45.6, 36°54'N-8°10'W, h23km, ML2.3, INMG 07 09:24:46.4, 1.7, 36°55'N-8°10'W, h25km, 8km, ML2.0, Error ellipse: s-maj=6.7km s-min=5.6km az=30.0

SFS 07 09:24:46.0, 36°61'N-8°02'W, h20km, ML2.3, GOLFO DE CADIZ

MDD 07 09:24:47.2, 1.2, 36°63'N-8°06'W, h30km, mbLq2.3/7, Error ellipse: s-maj=13.0km s-min=5.4km az=7.0, PRXIMO ISC 07 09:24:48.1, 1.3, 36°50'N-0.04, 8°05'W, 0.04, h29km, 1.2km, n34, a157747, 1C, West of Gibraltar

Main table listing station data for the first section, including stations like Baranco-do-Ve, Vila Bisbo, Marlete, etc.

s-min=21.6km az=147.0, NEIC 07 09:43:49.7, 1.6, 21°64'S-0°10'169.78E, 0'09, h22km, 2km, mb4.6/13, earthModellID quakeml.us.anss.org/earthmodellID/ak135

ISCJB 07 09:43:50.1, 0.5, 21°61'S-0°09'169.73E, 0'06, h35km, mb4.0/11, MS3.5/12, Error ellipse: s-maj=14.3km s-min=5.4km az=157.7

ISC 07 09:43:51.6, 0.6, 21°63'S-0°12'169.74E, 0'08, h35km, m72, o886771, mb4.2/16, MS6.0/12, 1C, Southeast of Loyalty Islands

Main table listing station data for the second section, including stations like Mare, Loyalty, Pines Island, etc.

Code Station Name Az, AZ, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ERG, STG3, FUG, IKG, IXC.

WEL 07 09:51:17.7, 1.2, 24°2'S-23°17'4"E, 1'11, h132km, 59km, M3.9/12, MLV3.9/12, Error ellipse: s-maj=0.0km s-min=0.0km az=164.9, South Island

Table listing station data for the third section, including stations like Lake Rotokare, Palmer Road, Kahui Hut, etc.

ISCJB 07 09:57:53.1, 0.2, 177°15'S-0°05'178.81W, 0'05, h539km, mb4.0/11, Error ellipse: s-maj=8.1km s-min=4.1km az=138.7

NEIC 07 09:57:53.5, 1.4, 176°S-0°1'178.8W, 0'1, h532km, 7km, mb4.2/85, earthModellID quakeml.us.anss.org/earthmodellID/ak135

IDC 07 09:57:55.4, 2.0, 177°5'S-178.81W, h555km, 24km, mb3.5/11, mb1 3.0/12, mb1mx3.0/23, mbtmp4.4/12, Error ellipse: s-maj=19.3km s-min=10.3km az=147.0

ISC 07 09:57:53.9, 0.4, 176°S-0°08'178.79W, 0'08, h539km, n159, o875/161, mb4.1/43, 1C, Fiji Islands region

Main table listing station data for the fourth section, including stations like Afiamalu, Mare, Loyalty, etc.

MAN 07 09:34:59.5, 16°22'N-121°36'E, h23km, mb4.2, ML3.1, MS2.8, Luzon

Table listing station data for the fifth section, including stations like Baier, Cauyan, San Manuel, etc.

GCG 07 09:49:12.4, 0.3, 14°47'N-91°77'W, h61km, 24km, MD3.9, 1D, Guatemala

QIZ Qiongzhong 79.00 294 P P 10 09 01.9 -0.7

Table listing station data for the sixth section, including stations like Virginia City.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, Time, Res, ISC. Includes stations like GLA Yerrington, PAHR Pah Range, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, Time, Res, ISC. Includes stations like CRNS Crni Vrh, DAVOX Davos/Dischmat, GCG 07 10:00:41.1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, Time, Res, ISC. Includes stations like AKASG Malin Array, AKBB Malin Array, BR101 Keskin Array, etc.





Table with columns for call sign (e.g., SWQJ, HBST), name (e.g., Swaqa, Basata), time (e.g., 1.37 353), and other identifiers.

Table with columns for call sign (e.g., NVAR, BEKR), name (e.g., Mina Array Bea, Kaiserville), time (e.g., 33.56 321), and other identifiers.

Table with columns for call sign (e.g., JOKE, JTT3), name (e.g., Tamagusuku3), time (e.g., 1.04 257), and other identifiers.

ISCJB 07 11:23:18.2:0.6, 14:19N:0:05:91:90W:0:04, h74km, 4km, mb3.9/8, Error ellipse: s-maj=10.1km s-min=3.4km az=31.7

IDC 07 11:23:19.5:1.9, 14:18N:91:90W, h67km, 15km, mb3.7/8, mb1 4.0/10, mb1mx3.7/33, mbtmp4.0/10, MS3.1/7, Ms1 3.1/7, ms1mx2.8/38, Error ellipse: s-maj=18.5km s-min=8.6km az=26.0

CGC 07 11:23:19.6:0.8, 14:32N:91:86W, h64km, 13km, MD4.2 NEIC 07 11:23:19.9:2.1, 14:26N:0:06:91:88W:0:06, h64km, 6km, earthModellID quakeml.us.anss.org/earthmodel/ak135

MEX 07 11:23:21.3:0.6, 14:23N:91:89W, h46km, 15km, MD4.2 SNET 07 11:23:23.0:0.6, 14:44N:91:39W, h14km, 5km, ML4.2 ISC 07 11:23:19.3:0.9, 14:25N:0:06:91:88W:0:04, h65km, 8km, n84, s1927/91, mb4.1/20, 2D, Guatemala

Main table with columns for Code, Station Name, Azimuth (Az), Phase ID, Time, Res, and other identifiers.

IDC 07 11:26:48.8:0.9, 22:47N:125:39E, h0km, mb3.7/7, mb1 3.7/10, mb1mx3.6/38, mbtmp3.7/10, ML2.6/3, Error ellipse: s-maj=32.5km s-min=17.1km az=80.0

ISCJB 07 11:26:51.6:0.6, 22:65N:0:04:125:57E:0:04, h38km, mb3.7/7, Error ellipse: s-maj=5.7km s-min=4.8km az=176.3

JMA 07 11:26:51.7:0.3, 22:56N:125:34E, h52km, M3.8 ISC 07 11:26:53.0:0.9, 22:57N:0:07:125:48E:0:05, h38km, n34, s233/52, mb3.7/7, Southeast of Taiwan

Main table with columns for Code, Station Name, Azimuth (Az), Phase ID, Time, Res, and other identifiers.

ISCJB 07 11:26:48.8:0.9, 22:47N:125:39E, h0km, mb3.7/7, mb1 3.7/10, mb1mx3.6/38, mbtmp3.7/10, ML2.6/3, Error ellipse: s-maj=32.5km s-min=17.1km az=80.0

ISCJB 07 11:26:51.6:0.6, 22:65N:0:04:125:57E:0:04, h38km, mb3.7/7, Error ellipse: s-maj=5.7km s-min=4.8km az=176.3

JMA 07 11:26:51.7:0.3, 22:56N:125:34E, h52km, M3.8 ISC 07 11:26:53.0:0.9, 22:57N:0:07:125:48E:0:05, h38km, n34, s233/52, mb3.7/7, Southeast of Taiwan

Main table with columns for Code, Station Name, Azimuth (Az), Phase ID, Time, Res, and other identifiers.

NIED 07 11:35:00.26:40N, 129:00E, h14km, Mw4.3 Best double couple: M2 73000:1015 NP1:202:00000: 834.00000: 1.71.00000: NP2:265:51.00000: 858.00000: 1.102.00000

BJJ 07 11:35:44.9:0.2, 26:17N:128:91E, h15km, mb4.4/29, mb4.5/20, Ms4.2/18, Ms7 4.0/18

IDC 07 11:35:46.5:0.7, 26:38N:128:72E, h0km, mb4.2/15, mb1 4.2/19, mb1mx4.1/43, mbtmp4.2/19, ML3.5/4, MS3.3/8, Ms1 3.3/8, ms1mx3.0/47, Error ellipse: s-maj=21.6km s-min=12.7km az=59.0

ISCJB 07 11:35:48.0:0.7, 26:37N:0:03:128:95E:0:03, h28km, 4km, mb4.2/21, MS3.6/6, Error ellipse: s-maj=5.2km s-min=3.6km az=84.0

JMA 07 11:35:49.7:0.2, 26:39N:128:96E, h33km, 3km, M3.9 NEIC 07 11:35:49.8:1.3, 26:38N:0:06:128:77E:0:06, h25km, 6km, mb4.5/36, earthModellID quakeml.us.anss.org/earthmodel/ak135

ISC 07 11:35:49.1:1.2, 26:39N:0:04:128:91E:0:04, h23km, 8km, n105, s1926/116, mb4.4/36, MS3.7/7, IC, Ryukyu Islands

NIED 07 11:35:00.26:40N, 129:00E, h14km, Mw4.3 Best double couple: M2 73000:1015 NP1:202:00000: 834.00000: 1.71.00000: NP2:265:51.00000: 858.00000: 1.102.00000

BJJ 07 11:35:44.9:0.2, 26:17N:128:91E, h15km, mb4.4/29, mb4.5/20, Ms4.2/18, Ms7 4.0/18

IDC 07 11:35:46.5:0.7, 26:38N:128:72E, h0km, mb4.2/15, mb1 4.2/19, mb1mx4.1/43, mbtmp4.2/19, ML3.5/4, MS3.3/8, Ms1 3.3/8, ms1mx3.0/47, Error ellipse: s-maj=21.6km s-min=12.7km az=59.0

ISCJB 07 11:35:48.0:0.7, 26:37N:0:03:128:95E:0:03, h28km, 4km, mb4.2/21, MS3.6/6, Error ellipse: s-maj=5.2km s-min=3.6km az=84.0

JMA 07 11:35:49.7:0.2, 26:39N:128:96E, h33km, 3km, M3.9 NEIC 07 11:35:49.8:1.3, 26:38N:0:06:128:77E:0:06, h25km, 6km, mb4.5/36, earthModellID quakeml.us.anss.org/earthmodel/ak135

ISC 07 11:35:49.1:1.2, 26:39N:0:04:128:91E:0:04, h23km, 8km, n105, s1926/116, mb4.4/36, MS3.7/7, IC, Ryukyu Islands





2013 SEP

Table with columns: Kd, Station Name, Time, Az, Pn, ISC, Res, H, S, ISC. Includes stations like Kodiak Island, Talatina, Petropavlovsk, Kantishina Hill, etc.

Table with columns: CAST, Station Name, Time, Az, P, Iamb, ISC, Res, H, S, ISC. Includes stations like Castle Rocks, Petropavlovsk, Indian Mountain, etc.

Table with columns: PKGZ, Station Name, Time, Az, P, S, ISC, Res, H, S, ISC. Includes stations like Pakhiroa, Raukumara Rang, Puketiti, etc.

IDC 07 12:26:11.6±2.3, 3.64±5.151.18E, h0km, mb3.6/3, mb1.8/3, mb1mx3.4/35, mbtmp3.6/3, MS2.9/1, Ms1 2.9/1, ms1mx2.5/25, Error ellipse: s-maj=48.3km s-min=19.0km az=16.0

Table with columns: Code, Station Name, Δ, Az, Pn, Phase ID, Time, Res, ISC. Includes stations like Karavatt (AS076), Pinedale Array, Sonm, etc.

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

Table with columns: KSRs, Station Name, Time, Az, P, Iamb, ISC, Res, H, S, ISC. Includes stations like Kora Arr, Pinedale Array, Sonm, etc.

Table with columns: MAN 07 12:27:32.3, 1430N:120.07E, h69km, mb4.5, ML3.3, M53.1, Luzon. Includes stations like LQP, SCZP, POLP, etc.

Table with columns: ARMA, Station Name, Time, Az, P, S, ISC, Res, H, S, ISC. Includes stations like Armadale, Papee, Charaters Tower, etc.

IDC 07 12:31:28.6±0.8, 51.39N±174.08W, h0km, mb3.8/18, ms1.4/12.1, mb1mx3.9/21, mbtmp3.9/21, ML5.3/3, MS2.8/5, Ms1 2.8/5, mb1mx3.4/35, mbtmp3.4/35, Error ellipse: s-maj=25.7km s-min=13.2km az=166.0

Table with columns: Code, Station Name, Δ, Az, Pn, Phase ID, Time, Res, ISC. Includes stations like ATKA, KOFF, ETKA, etc.

Table with columns: MAN 07 12:38:13.6, 8.91N:126.50E, h6km, mb4.5, ML3.4, M53.3, 1C-2D, Mindanao. Includes stations like BIP, BUTP, SUNIGA, etc.

Table with columns: Code, Station Name, Δ, Az, P, S, ISC, Res, H, S, ISC. Includes stations like NIUE, AFIAMALU, RAOUL ISLAND, etc.

Table with columns: KNRA, Station Name, Time, Az, P, S, ISC, Res, H, S, ISC. Includes stations like Kununurra, Fak Fak, Fitzroy Crossi, etc.

Table with 5 columns: Station ID, Name, Frequency, Power, and other parameters. Includes stations like PETK, KSRS, SPIA, USA08, etc.

Table with 5 columns: Station ID, Name, Frequency, Power, and other parameters. Includes stations like MEM, BSTI, GZR, etc.

Table with 5 columns: Station ID, Name, Frequency, Power, and other parameters. Includes stations like SKT, SEW, PPLA, etc.

Table with columns for station ID, frequency, power, and various status indicators (P, I, S, M, etc.). Includes stations like YAK, YAKUTSK, TIKSI, HONOLULU, etc.

Table with columns for station ID, frequency, power, and various status indicators (P, I, S, M, etc.). Includes stations like SNEY, SNEY, SNEY, SCMZ, FURC, etc.

Table with columns for station ID, frequency, power, and various status indicators (P, I, S, M, etc.). Includes stations like TIY, C40A, G39A, D41A, etc.





Table of astronomical observations for 7d 13h, listing station names (KSH, KHC, etc.), coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing station names (JAVC, Velka Javorina, etc.), coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing station names (ATKA, ATKA Island, etc.), coordinates, and observation details.

ICC 07 13:15:53.8; 1.2, 51.3; 1.0; 1.174:25W; 0.09, h16km, 23km, NEIC 07 13:15:53.8; 1.2, 51.3; 1.0; 1.174:25W; 0.09, h16km, 23km, AEIC 07 13:15:53.3; 1.5, 51.2; 1.0; 1.174:29W; 0.02, h25km, 7km, ML2.7

ICC 07 13:28:13.0; 1.3, 51.4; 1.0; 1.174:13W, h0km, mb3.7/12, mb1.3/9.15, mb1mx3.8/52, mbtmp3.8/15, ML3.4/3, Error ellipse: s-maj=40.1km s-min=16.5km az=180.0

NEIC 07 13:28:15.4e.1.6.51.29N.0.09:174.23W.0.06, h14km, 12km, earthModellD
quakeml.us.anss.org/earthmodellak135

AEIC 07 13:28:16.9e.1.7.51.28N.0.05:174.30W.0.03, h26km, 7km, ML3.2, mb3.57(NEIC)

ISC 07 13:28:16.8e.1.9.51.30N.0.09:174.31W.0.04, h27km, 12km, n45.0, i23/51, mb3.7/12, Andreonoff Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like ATKA, KOFK, KOKL, etc.

ISC/JB 07 13:30:28.9e.1.2.37.05N.0.09:39.27E.0.04, h6km, 7km, Error ellipse: s-maj=14.7km s-min=5.5km az=7.4

DDA 07 13:30:28.5e.1.37.13N.0.39:29E.0.07, h7km, 2km, ML2.7
ISC 07 13:30:28.6e.1.4.37.02N.0.07:39.26E.0.05, h14km, 11km, n10.0, i9/62/15, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like SANL, URFA, ATAB, etc.

IDC 07 13:47:35.3e.3.0.4.02S.132.54E, h0km, mb3.3/1, mb1.3/6.5, mb1mx3.4/29, mbtmp3.4/5, ML3.0/4, Error ellipse: s-maj=135.5km s-min=22.7km az=78.0, Irian Jaya region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like SIJI, FITZ, WRA, etc.

GCG 07 13:52:49.4e.0.3.14.92N.91.62W, h35km, 77km, MD3.7, 1D, Guatemala

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like STG3, FUG, IXG, etc.

BJJ 07 13:55:44.1e.0.0.6.73S:130.58E, h111km, mb5.6/80, mb5.4/50

ISC/JB 07 13:55:49.0e.0.3.6.47S:0.02:130.31E:0.02, h138km, 2km, mb5.6/12.1, Error ellipse: s-maj=3.1km s-min=2.4km az=151.3

MOS 07 13:55:49.4e.1.2.6.37S:130.32E, h126km, mb5.6/35, Error ellipse: s-maj=8.9km s-min=5.7km az=117.1

NEIC 07 13:55:50.1e.1.9.6.42S:0.06:130.27E.0.06, h121km, 4km,

Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M11:0.19; M22:0.82; M33:1.01; M44:0.09; M55:0.96; M66:0.96; M77:0.96; M88:0.96; M99:0.96; M10:0.96; M20:0.96; M30:0.96; M40:0.96; M50:0.96; M60:0.96; M70:0.96; M80:0.96; M90:0.96; M100:0.96; M200:0.96; M300:0.96; M400:0.96; M500:0.96; M600:0.96; M700:0.96; M800:0.96; M900:0.96; M1000:0.96

CGMT 07 13:55:50.9e.0.1.6.40S:0.01:130.39E:0.01, h135km, MW5.4/149, Moment Tensor Solution. s132.6216; s149.e275; Duration: 1s; Moment tensor: Scale 10^17 Nm; M11:0.47; M22:0.82; M33:1.05; M44:0.09; M55:0.72; M66:0.50; M77:0.1; M88:0.58; M99:0.2; M10:0.51; M20:0.51; M30:0.51; M40:0.51; M50:0.51; M60:0.51; M70:0.51; M80:0.51; M90:0.51; M100:0.51; M200:0.51; M300:0.51; M400:0.51; M500:0.51; M600:0.51; M700:0.51; M800:0.51; M900:0.51; M1000:0.51

DJA 07 13:55:50.1e.0.2.7.51.1.13.0E, h132km, 3km, M5.7/60, mb5.9/60, mb6.0/51, MWC6.3/16, MW(m)B5.7/51, MWp5.6/51, NEIC 07 13:55:50.1e.1.9.6.42S:0.05:130.27E:0.05, h129km, 1km, mb5.6/13.3, MWb5.4, MLW5.4(CGMT), earthModellD

IDC 07 13:55:51.3e.0.7.6.37S:130.33E, h130km, 6km, mb5.2/43, mb1.5/2.48, mb1mx5.2/50, mbtmp5.6/48, MS4.2/13, Ms1.4.2/13, ms1mx3.9/30, Error ellipse: s-maj=7.2km s-min=5.6km az=68.0

ISC 07 13:55:50.3e.0.3.6.43S:0.03:130.35E:0.03, h129km, 2km, h130km, pP-P, n1039.0, i135/1150, mb5.6/179, 43C-10D,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like SAUI, BNDI, MSAL, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like AAI, FAKI, FAKI, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like MTN, MTN, MTN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like MTN, MTN, MTN, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI, BATI, BATI, etc.

Table with columns: BUTP, JAGI, JAGI, JAGI, JAGI. Includes values like 16.01 343 eP, 16.18 262 P, 16.18 262 Pn, 16.18 262 Pn.

Table with columns: KMMI, QIS, GMJI, PMGJ, PMG. Includes values like 16.28 267 P, 16.67 148 P, 16.86 263 P, 16.91 101 P.

Table with columns: PMG, PMG, PMG, PMG, PMG. Includes values like 16.91 101 P, 17.34 342 eP, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

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Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR. Includes values like 17.47 169 P, 17.47 169 P, 17.47 169 P, 17.47 169 P.

2013 SEP

7d 13h

Table of satellite data for the first 7 days and 13 hours of September 2013. Columns include station code, name, elevation, azimuth, and various signal strength and quality indicators.

Table of satellite data for the remaining 19 days of September 2013. Columns include station code, name, elevation, azimuth, and various signal strength and quality indicators.

Table of satellite data for the remaining 19 days of September 2013. Columns include station code, name, elevation, azimuth, and various signal strength and quality indicators.

Table with columns for flight codes (e.g., URZ, PLWZ, ODAN), destinations (e.g., Urewera, Palliser, Odare), times (e.g., 52.80 134), and status (e.g., P, P, P).

Table with columns for flight codes (e.g., DHRM, NIL, MA2), destinations (e.g., DHARAMSHALA, Nilore, Magadan), times (e.g., 64.20 310), and status (e.g., P, P, P).

Table with columns for flight codes (e.g., KHLH, BSY, HOAQ), destinations (e.g., Kahului Airpor, Bisbee, Hoquian), times (e.g., 76.78 67), and status (e.g., P, P, P).

7d 13h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like GNBR Gunib, RND Reindeer, ZEI Tsey, NCK Nalchik, etc.

2013 SEP

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like KRLC Kraliky, DPC Dobruska-Polom, CMCV Chvalec, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes entries like DAVA, BFO Black Forest, RLMT Red Lodge, etc.

Table with columns: SCHQ, Name, Time, Date, Status, and other details. Includes entries like Schefferville, Harder Midland, Oliver, Polo, Sault Ste. Mari, etc.

Table with columns: PLVO, Name, Time, Date, Status, and other details. Includes entries like Plevna, Darlington Wes, Shelbyville, Chemin du LacG, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like Bathurst New B, Ashland, Coxs Mills, Thorn Hill, etc.

7d 14h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like T60A, W59F, DVPF, 058A, etc.

ICD 07 14:01:22.1±0.7, 1.83N, 92.73E, h0km, mb4.4/1.6, mb1 4.5/1.6, mb1mx4.2/4.9, mbtmp4.4/1.6, MS4.0/8, Ms1 4.0/8, ms1mx3.6/3.8, Error ellipse: s-maj=21.4km s-min=18.1km az=173.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like GSI, LHMI, RPHSI, etc.

2013 SEP

Main table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like KAPI, TGY, DD3, SMLA, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like JCH, JOB, JAK, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like H1N13 WAKE ISLAND Hy, BILL Bilibino, H11S1 WAKE ISLAND Hy, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.



7d 15th

Table of station data for the first section, including call signs (e.g., MCARA, VRDI), names, frequencies, and technical details.

IS/CJB 07 15:22:28.6,0.0,20.44S:0.05:178.28W:0.04, h510km,9km,mb4.6/4.1, Error ellipse: s-maj=7.7km...

BUJ 07 15:22:28.5,0.0,20.40S:178.20W, h516km,mb4.9/3.7, mb4.7/16

NEIC 07 15:22:30.7,1.8,20.46S:0.08:178.19W:0.07, h532km,6km,mb4.781, earthModelD...

IDC 07 15:22:32.6,0.0,20.48S:178.24W, h551km,6km,mb4.3/2.9, mb1.4/3.1, mb1mx4.2/4.4, mbmp5.2/3.1, Error ellipse...

ISC 07 15:22:31.0,0.5,20.50S:0.05:178.18W:0.06, h536km,5km, h537km:pp-P, n338, r126/380, mb4.7/7.5, 40C-10D, Fiji Islands region

Main table of station data for the first section, containing columns for Code, Station Name, Azimuth, Phase ID, Time, and Resolution.

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Main table of station data for the second section, containing columns for call signs (e.g., NIKH, ASAJ), names, frequencies, and technical details.

Main table of station data for the third section, containing columns for call signs (e.g., F10A, F10A), names, frequencies, and technical details.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ARAD ARCES Array B, ARCS ARCES Array B, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WATA Walderalm, WATA Reutte, WATA Retz, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

7d 15h

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UNV Unalaska Valle, AKGG Akutan Green G, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like J04D Umpqua Nationa, J05D Fort Rock, OR, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WMOK Wichita Mounta, D46A Sault St. Mari, and many others.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like La Tuque, Orleans, Chemin du Lac, etc.

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Nuku Hiva, NORSAR Array S, etc.

7d 16h

Table with columns: BRG, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Berggiesshübel, Keskín Array B, Hyberadab, Alice Springs, Sonseca Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBA1, CUI, ARES1, CEDE, ACON, CGNG, LCR2, CVTR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ATKA, KOPF, KOKL, KOSE, GSTR, GSTD, ETKA, ADAG, ADK, etc.

BOSA Boshof 153.03 320 PKPbc PKIKP 16 29 52.7 +0.8

NIED 07 16:16:00, 42.20N, 144.50E, h32km, Mw3.5 Best double couple: M2:16000x1014 NP1:236.00000, 326.00000, 1.01.00000, NP2:43.00000, 865.00000, 85.00000, 2.10.00000, IDC 07 16:16:38.2, 42.211N, 144.52E, h32km, mb3.5/4, mb1 3.5/6, mb1mx3.3/41, mbtmp3.4/6, ML3.8/1, Error ellipse: s-maj=61.4km s-min=24.8km az=75.0

ISCJB 07 16:16:38.7, 42.206N, 0.06:144.54E, 0.06, h49km, gkm, mb3.5/4, Error ellipse: s-maj=11.5km s-min=4.7km az=145.6

MOS 07 16:16:38.5, 0.6, 42.04N:144.54E, h52km, mb4.0/1, Error ellipse: s-maj=25.8km s-min=10.5km az=74.4

SKHL 07 16:16:38.2, 0.9, 41.98N:144.50E, h77km, gkm, mb3.4/3 JMA 07 16:16:40.2, 42.16N:144.47E, h37km, 1km, M3.5

ISC 07 16:16:39.7, 1.4, 42.07N:0.09:144.53E, 0.05, h38km, 3gkm, n26, c082/42, mb3.5/4, 2C-1D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JAK, JTHR, Onbets, Churui, Kishiroh, etc.

GCG 07 16:19:56.2, 0.5, 14.41N:92.07W, h29km, gkm, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like STG3, FUG, IXP, etc.

ISK 07 16:21:58.3, 43.08N:23.67E, h5km, ML3.0/5 BEO 07 16:21:59.7, 0.4, 43.05N:23.55E, h0km, ML2.7/13 SKO 07 16:21:59.8, 43.08N:23.53E, h0km, ML2.9

SOF 07 16:21:59.0, 43.00N:23.63E, h10km, MD2.7 THE 07 16:22:01.2, 43.08N:23.68E, h17km, gkm, ML2.8/6, Error ellipse: s-maj=11.8km s-min=1.6km az=339.0

ISC 07 16:21:59.2, 1.1, 43.04N:0.02:23.59E, 0.02, h7km, 3gkm, n76, c1922/107, 22C-4D, Bulgaria

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

Main station list table with columns: ZAPS, ZAVOJ, BOSILEGRAD, BAILESTI, VLADILA, KRUPNIK, etc.

ISCJB 07 16:25:20.9, 0.3, 6.67S:0.05:155.23E, 0.05, h56km, mb4.3/21, Error ellipse: s-maj=6.8km s-min=6.2km az=44.6

NEIC 07 16:25:20.4, 2.6, 6.65S:0.10:155.28E, 0.10, h35km, 1km, mb4.6/25, earthModellD quakeml: us.anss.org/earthmodel/ak135

IDC 07 16:25:23.9, 2.0, 6.61S:0.155:20E, h61km, 1gkm, mb3.9/17, mb1.4/121, mb1mx4.0/35, mbtmp4.2/21, MS3.2/2, Ms1.3/22, ms1mx2.7/37, Error ellipse: s-maj=16.1km s-min=11.8km az=65.0

ISC 07 16:25:22.7, 0.4, 6.69S:0.06:155.21E, 0.06, h56km, n76, c1521/73, mb4.4/30, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RABL, KRVT, HNR, etc.

Main station list table with columns: CTAO, DZM, DZM, EIDS, FAKI, WRAB, WR1, WRA, WRA, MTN, SIJI, AS31, AS31, ASAR, ASAR, H1S2, H1S1, STKA, H1N1, H1N1, FITZ, MMRI, KAPI, SNZO, JOHN, GIRL, MAJO, NONG, PETK, PAYA, CMAR, CMAR, CMAR, CHTO, MA2, SONAO, SEY, IL31, ILAR, MK31, MK32, MKAR, MKAR, ZALV, EPYK, NV01, NVAR, YKA, YKR8, GERES, BDFB, TORO, TORO, TOA1, TOA1

IDC 07 16:25:24.9, 0.5, 18.34N:145.64E, h187km, 35gkm, mb3.1/4, mb1 3.4/5, mb1mx3.0/39, mbtmp3.7/5, Error ellipse: s-maj=136.6km s-min=27.6km az=77.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GUMO, H1S3, H1S1, H1S2, H1N1, H1N2, WRA, ASAR, STKA, MKAR, IDC 07 16:29:37.1, 3.3, 10.64S:165.75E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/29, mbtmp3.6/4, ML3.3/1, Error



Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res. Includes stations like Manley, Harding Lake, Boulder Array, etc.

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

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

IDC 07 17:05:51.3; 3.0, 30.225x177.69W, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.3/31, mbtmp3.2/2, Error ellipse: s-maj=70.3km s-min=24.6km az=103.0, Kermadec Islands

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

MAN 07 17:07:11.5; 17.569N; 120.57E, h25km, mb3.9, ML2.7, MS2.2, Luzon

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

ISCJB 07 17:30:11.7; 0.5, 21.785; 0.08; 169.85E; 0.06, h10km, mb3.8/9, Mare, Spring, Error ellipse: s-maj=1.51km s-min=0.8km az=175.8

IDC 07 17:30:12.6; 1.7, 21.266S; 169.84E, h0km, mb3.8/9, mb1 4.0/10, mb1mx3.8/32, mbtmp3.8/10, ML3.6/1, MS3.4/3, MS1 3.4/3, ms1mx2.9/30, Error ellipse: s-maj=58.8km s-min=22.4km az=156.0

NEIC 07 17:30:13.7; 1.9, 21.217S; 169.85E; 0.1x169.75E; 0.10, h12km, 1km, mb4.7/9, earthModelId quakeml.uns.org/earthmodel/ak135

ISC 07 17:30:13.4; 0.6, 21.715S; 0.10; 169.76E; 0.07, h10km, n54, s158/54, mb4.0/13, MS3.4/3, Southeast of Loyalty Islands

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



Table with columns: P/N, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PINN Pines Island, DZM Mont Dzumac, DZM 67nm,0.3s, etc.

Table with columns: P/N, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like G001 Chusmiza, G001 LVC, G001 LVC, etc.

Table with columns: P/N, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KTH comp=Z,9.5nm,1.2s, BPAW Bear Paw Mtn, DZM Denail Highway, etc.

IDD 07 17:58:40.5-2.1, 35.62N; 140.37E, h56km, 18km, mb3.2/3, mb1 3.5/7, mb1mx3.2/37, mbtmp3.7/7, ML2.3/4, MS2.2/1, Ms1 2.2/1, ms1mx2.0/14, Error ellipse: s-maj=25.5km s-min=-8.8km az=63.0

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

Table with columns: P/N, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KTH comp=Z,9.5nm,1.2s, BPAW Bear Paw Mtn, DZM Denail Highway, etc.

ISCJB 07 17:58:41.2-0.5, 35.59N; 0.04:140.12E; 0.05, h80km, 4km, mb3.5/3, Error ellipse: s-maj=7.3km s-min=-5.3km az=145.0

JMA 07 17:58:41.7-0.2, 35.68N; 140.13E, h71km, 2km, M3.0, ISC 07 17:58:42.4-0.9, 35.60N; 0.05:140.11E; 0.05, h72km, 7km, n28, <1500/34, mb3.6/3, Near east coast of eastern Honshu

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

UCR 07 17:30:21.5-0.5, 10.48N; 86.23W, h22km, 10km, MW3.6, Off coast of Costa Rica

GCG 07 17:34:11.9-0.4, 14.58N; 91.68W, h71km, 14km, MD3.7, Guatemala

MEX 07 17:41:48.3-0.4, 20.21N; 104.42W, h15km, MD3.7, Jalisco

SJA 07 17:42:26.7-0.7, 21.14S; 69.02W, h122km, 6km, ML2.1, MW3.5

ISCJB 07 17:42:27.9-0.9, 21.14S; 0.03:69.1W; 0.1, h118km, 9km, Error ellipse: s-maj=17.2km s-min=-4.6km az=4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GB1A Borinquen Arri, CU1 Cuiplapa, ARE1 Arenal, etc.

IDD 07 17:38:06.0-3.1, 51.52N; 175.07W, h0km, mb3.5/2, mb1 3.9/4, mb1mx3.4/49, mbtmp3.6/4, ML3.6/2, Error ellipse: s-maj=83.5km s-min=32.0km az=176.0

AEIC 07 18:23:11.2-0.5, 61.00N; 0.09:174.87W; 0.06, h26km, 8km, ML3.8, mb3.8/15(NEIC)

NEIC 07 18:23:13.8-3.1, 51.8N; 0.1:174.95W; 0.07, h48km, 16km, earthModel10 quakeml.us.anss.org/earthmodel/ak135

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

ISC 07 19:04:26.0-1.8, 21.63S; 169.65E, h0km, mb3.9/7, mb1 4.0/8, mb1mx3.9/31, mbtmp3.9/8, ML3.7/1, MS3.4/3, Ms1 3.4/3, ms1mx2.9/36, Error ellipse: s-maj=59.2km s-min=-21.4km az=146.0

ISC 07 19:04:27.5-0.7, 21.6S; 0.1:169.67E; 0.08, h21km, mb3.9/7, MS3.4/3, Error ellipse: s-maj=20.5km s-min=10.9km az=173.2

ISC 07 19:04:29.3-0.9, 21.7S; 0.2:169.7E; 0.1, h21km, n26, <897/28, mb3.9/7, MS3.4/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 4.4nm,0.3s, STKA Stephens Creek, etc.

M=1.3, 4.6, m=1.3, 1.27, Error ellipse: s-maj=11.9km
s-min=6.9km az=86.0
GUC 07 19:13:31.3-0.6, 19:62S:69:30W, h100km, 2km, ML5.2
SJA 07 19:13:31.7-1.1, 19:62S:69:34W, h98km, 4km, ML4.5,
MW4.6
VAO 07 19:13:32.5-0.4, 19:58S:68:92W, h94km, 3km, mb5.0
GCMT 07 19:13:35.5-0.3, 19:66S:0:02:69:28W, 0.04, h100km, 6km,
MW4.8/79, Moment Tensor Solution. s14,c14; s79,c38;
Duration: 0 Moment tensor: Scale 1018Nm; M1=0.73e15;
M2=0.48e15; M3=0.24e15; M4=1.51e16; M5=0.08e16; M6=
1.38e10; Best double couple; M2:13100x106;
M3:19131.00000; M4:47.00000; M5:112.00000;
M6:112.00000; 89.00000; 1.110.00000; Principal axes:
T 1.9950, Plg37.0000; Azm39.0000; N 0.2720,
Plg3.0000; Azm131.0000; P -2.2680; Plg53.0000;
Azm225.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 07 19:13:31.1-0.3, 19:60S:0:03:69:12W, 0.04, h101km, 2km,
h101km, p13p1, n672, e110/672, mb5.0/104, 8C-7D,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, and Station Name. Lists various seismic stations across different regions.

Table with columns: Station Name, Code, Azimuth, Phase ID, Time, Residual, and Station Name. Lists various seismic stations across different regions.

Table with columns: Station Name, Code, Azimuth, Phase ID, Time, Residual, and Station Name. Lists various seismic stations across different regions.

7d 19h

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Table with columns: Station ID, Name, Comp, Az, El, SNR, and other data. Includes stations like U59A Littleton, V55A Taylorsville, X48A Hartselle, etc.

Table with columns: Station ID, Name, Comp, Az, El, SNR, and other data. Includes stations like Q57A Strasburg, S49A Springfield, Q56A Snyder Ridge, etc.

Table with columns: Station ID, Name, Comp, Az, El, SNR, and other data. Includes stations like M54A Oil Creek Stat, L58A Harry Jones Me, M53A W Miller and, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like L40A Anamosa, H52A Wyeve, SADO Sadowa, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like MATO Matagami, TPFO Pinon Flats, PFO Pinon Flats, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, WHN Wuhan, etc.

7d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warrungarra Arr, FITZ Fitzroy Crossi, SUI Sorong, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like IXC Ixpaco, SNE San Jose, CEVE Cerro Verde, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MTO3 Montecristo, MRL Marmol, BRTR Bratter Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TLIG Tiapa, CAIG El Cayaco, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MATI Mati, DMPH Davao City-Mi, BUKP Musan, etc.

ISJCJB 07 19:58:33.0±0.6, 19.64S:0.03:69.3W, h101km, 6km, Error ellipse: s-maj=11.9km s-min=4.6km az=173.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MAS Maura Aman, MAS Kerinci, JMBI Jambai, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LPAZ La Paz, PBI5 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LAO LASA Array, RLMT Red Lodge, RLMT RLMT, etc.

ISJCJB 07 20:04:05.8±0.3, 2.53S:0.05:102.43E, h201km, 3km, mb3.7/3, Error ellipse: s-maj=10.0km s-min=5.5km az=42.0

DJA 07 20:04:06.1±0.3, 3.3°S:3.10°E, h199km, 3km, M4.2/17, mb4.3/6, mB4.9/3, MLV4.1/17, Mw(mB)4.1/3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MAS Maura Aman, MAS Kerinci, JMBI Jambai, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SKMP Bagumbayan, Su, GSPH General Santos, CTB Cotabato, etc.

MAN 07 20:13:43.8, 5.71N:125.97E, h109km, mb4.0, ML2.8, MS2.3, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DDMP Don Marcelino, MATI Mati, DMPH Davao City-Mi, etc.

ISJCJB 07 20:15:39.6±0.7, 11.62S:0.09:72.91W, 0.05, h33km, mb3.9/2, MS3.1/2, Error ellipse: s-maj=13.6km s-min=6.7km az=17.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NNA Nana, LPAZ La Paz, LPAZ La Paz, etc.

ISJCJB 07 20:05:07.3, 1.21:78S:169.85E, h0km, mb3.7/3, mb1.3/4, mB1mx3.4/3, mBtmp3.5/5, ML3.4/3, Error ellipse: s-maj=15.2km s-min=3.1km az=158.0

ISJCJB 07 20:02:08.6±1.1, 21.7S:0.2:169.72E, h25km, mb3.7/3, MS3.5/3, Error ellipse: s-maj=34.8km s-min=11.6km az=2.6

ISJCJB 07 20:03:08.1±0.2, 17.5S:0.3:169.8E, h101km, n15, 0.45/13, mb3.7/3, MS3.5/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM DZM, RAO Raoul Island, etc.

ISJCJB 07 20:22:59.7±0.4, 28.45S:177.91W, h0km, mb3.6/2, mb1.3/2, mB1mx3.5/3, mBtmp3.6/2, Error ellipse: s-maj=81.8km s-min=19.6km az=68.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, ASAR Alice Springs, etc.

GCG 07 20:29:10.1±0.6, 14.52N:91.75W, h37km, 40km, MD3.5, 1D, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like STG3 Santiaguigo, FUG Fuego 3, IXC Ixpaco, etc.



7d 22h

2013 SEP

500

Table with columns: TZTN, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Tazewell, Saluda, Bidwell, etc.

Table with columns: R50A, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Paris, Richmond, Nebo, etc.

Table with columns: ENTT, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Xiulin Townshi, Datong Townshi, etc.

ANF 07 22:42:33.3±0.3, 377.8N-81°94W, Error ellipse: s-maj=2.1km s-min=1.9km az=158.0, West Virginia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Williamson, Dingess, Beckl, etc.

ISCJB 07 22:43:42.5±0.3, 24°30'N±0°03'±122°95'E±0°02, h45km±6km, Error ellipse: s-maj=4.2km s-min=2.4km az=2.5

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Yonagunijimaku, Yonaguni jima, etc.

JMA 07 22:43:42.7±0.1, 24°36'N±12°98'E±h49km±1km, M2.5

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









Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, BBB Bella Bella, BR101 Keskin Array S, etc.

ROM 08 01:08:30.5-0.3, 41.130N, 01:03:13.88'E, 0.05, h427km, 2km, ML3.2/14, Error ellipse: s-maj=4.8km s-min=1.8km az=50.0

ISC/JB 08 01:08:35.9-0.4, 41.131N, 01:04:13.63'E, 0.06, h397km, 2km, mb3.3/6, Error ellipse: s-maj=7.5km s-min=5.2km az=158.3

IDC 08 01:08:37.2-0.7, 41.16N, 01:13:51'E, h398km, 11km, mb3.0/6, mb1.2/17, mb1mx2.7/6, mbtmp3.5/17, Error ellipse: s-maj=17.9km s-min=11.6km az=95.0

ISC 08 01:08:37.4-0.7, 41.20N, 01:05:13.89'E, 0.06, h388km, 6km, n102, s1804/133, mb36.3/6, Southern Italy

Main table for Southern Italy region with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MODR Mondragone, VAGR Valle Agricola, YAGA YAGA, etc.

Main table for Central Italy region with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PE3 comp=E,149um,0.4s, PE3 comp=N,98um,1.1s, etc.

Main table for Moosalm region with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MOTA Moosalm, KEST Kesra, RETA Reutte, etc.

ROM 08 01:08:39.2-0.1, 43.364N, 01:00:33.54'E, 0.05, h9km, ML1.1/9, Error ellipse: s-maj=0.3km s-min=0.3km az=100.0, Central Italy

Main table for Central Italy region with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AVT- Monte Val, AVT- Pietralunga, AVT- Pietralunga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like NARO, SNTG, and FOSV.

ROM 08 01:09:11.1±0.1, 43.350N, 0.0003E, 12.733E, 0.0003, h13km, ML1.3/14, Error ellipse: s-maj=0.2km

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like FOSV, SNTG, and ATFC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like SNTG, ARVD, and PIEI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like AVT, ATVO, and FSSB.

IDC 08 01:19:37.5±0.8, 30.745N, 178.09W, h0km, mb4.1/6, mb1 4.3/7, mb1mx4.0/25, mbtmp4.1/7, ML3.1/1, MS3.1/1, Ms1 3.1/1, ms1mx2.6/22, Error ellipse: s-maj=28.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like RAO, STKA, and ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like CEVE, SBLs, and LOMA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like KRSR, MA2, WRA, and ASAR.

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

NIED 08 02:02:00.24±50N, 123.50E, h5km, Mw3.8 Best double comp: Ms5.48000x1014, NP1.1x148.0000, s46.00000, s51.00000, NP2.279.00000, s56.00000, s123.00000

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like IRIF, YOJ, and YJNG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like YJNG, HATJ, and JKRS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like JOW, JOW, and KRSR.

ASRS 08 02:06:05.9±0.3, 50.1N, 9.1E, h10km, MLh3.0/24, smi: org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi: org.gfz-potsdam.de/geofon/lasp91 confirmed, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like CUR, SNLR, and ULGR.

CGG 08 01:22:57.0±0.3, 14.46N, 89.17W, h92km, MD3.3, ISCJB 08 01:23:01.1±1.6, 13.3N, 0.2897W, 0.1, h51km, 38km, Error ellipse: s-maj=41.2km s-min=7.2km az=23.2



MAN 08 04:07:23.5, 11.768N:125.27E, h16km, m4.2, ML3.0, MS2.7, 1D, Samar

ISCJB 08 04:27:28.1±0.4, 56.00S:0.07:27.9W:0.1, h121km, mb4.3/10, Error ellipse: s-maj=12.5km s-min=5.9km az=138.5

NEIC 08 04:27:30.5±1.4, 56.00S:0.1:28.03W:0.07, h128km, 5km, m4.5/15, earthModelID=quakeml.us.ans.org/sarthmodel/lk135

IDC 08 04:27:30.6±0.3, 56.00S:0.27:27.89W, h127km, 25km, mb4.1/10, mb1.4/2.1, mb1mx3.9/2.4, mbtmp4.5/1.2, Error ellipse: s-maj=18.9km s-min=14.2km az=64.0

ISC 08 04:27:29.7±0.5, 56.04S:0.08:27.97W:0.08, h121km, n56.0±92/58, mb4.4/12, 1C, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Borongan, Palu, Ormoc, Maasin, Hope Point, Neumayer-Stat, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Nisiro, Nisyros Isl., Nisyros Isl., etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Golh, Usak, Usak, Karahalli, etc.

ROM 08 04:36:06.7±0.1, 43.466N:0.004:12.432E:0.004, h8km, ML2.0/19, Error ellipse: s-maj=0.3km s-min=0.2km az=324.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like ATPI, ATVO, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like ATCC, FSSB, ARVD, CAFI, SNTG, EL6, and NARO.

ROM 08 04:37:26.8:0.2, 43.476N:0.007:12.40E:0.02, h5km, ML0.7/1, Error ellipse: s-maj=2.0km s-min=0.3km az=290.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like ATPI, AVT, PIEI, and NARO.

ATH 08 04:37:29.0, 38.41N:21.08E, h26km, 5km, ML1.6/3, Error ellipse: s-maj=5.4km s-min=0.8km az=318.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like MGNA, FSK, PVO, VLS, RLS, LK2, DRO, ANX, LAKA, SERG, TRIZ, KALE, and KLV.

STR 08 04:38:58.3:0.8, 45.1N:3.11E, h0km, 5km, MLv3.5/6

GEN 08 04:39:01.9, 44.56N:10.25E, h28km, 2km, ML3.4

BGR 08 04:39:02.6:0.5, 44.44N:10.32E, h10km, ML3.5/14, Error ellipse: s-maj=8.9km s-min=7.8km az=0

ISCJB 08 04:39:02.3:0.2, 44.53N:0.01:10.34E:0.01, h30km, 2km, Error ellipse: s-maj=2.1km s-min=1.6km az=177.2

ROM 08 04:39:02.4:0.1, 44.538N:0.005:10.22E:0.01, h22km, ML3.4/69, Error ellipse: s-maj=0.9km s-min=0.2km az=268.0

PRU 08 04:39:03.0:0.0, 44.60N:10.55E, h7km

LDG 08 04:39:03.4, 44.46N:10.54E, h27km

IDC 08 04:39:03.7:2.1, 44.84N:10.39E, h0km, mb1 3.3/4, mb1mx3.1/38, mb1mp3.2/4, ML3.1/4, Error ellipse: s-maj=32.9km s-min=17.6km az=122.0

ISC 08 04:39:02.7:0.8, 44.545N:0.02:10.21E:0.02, h23km, 4km, h262, s199/317, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like NEVI, GRAM, and GORR.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like GRAM, ERBM, PRMA, FIVI, EQUI, SARO, VLLC, T0911, and GORR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like T0911, NOVE, CARD, BDI, ZCCA, POPM, MAIM, CAVE, and GORR.







8d 4h

Table with columns: Name, Coordinates, Magnitude, RA, Dec, and other parameters. Includes entries like DAVA Danuels, SOTA Sankt Quirin, LNSS Leonesa, etc.

2013 SEP

Table with columns: Name, Coordinates, Magnitude, RA, Dec, and other parameters. Includes entries like LJU comp=N,880um,0.6s, SLE Schleitheim, RUSF Rustrel, etc.

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Table with columns: Name, Coordinates, Magnitude, RA, Dec, and other parameters. Includes entries like STON Ston, STON Ston, STON Stibrum, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like MEX 04:05:46.2, PDG 04:59:21, etc.

Table with columns for call sign, frequency, mode, power, and other technical details for various radio stations. Includes stations like SIVA, SIVAS, TIMBAKI HERAKI, and many others across the spectrum.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BBL, Laz, Diva, SGRT, HARR, ASF, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBA, KBA, CTI, ABTA, MOA, KRUC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRG, Berggiesshubel, GROG, MNGR, etc.

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Table with columns for flight details including OB number, destination, time, status, and remarks. Includes flights like OBNSK, UCCLE, MOSCOW, SAN PABLO, etc.

2013 SEP

Table with columns for flight details including BRVK, BORVOYE, DIMBOKRO, etc. Includes flight times and remarks.

8d 4h

Table with columns for flight details including LZH, BOSHA, SCHO, etc. Includes flight times and remarks.

Table with columns for station ID (e.g., M58A, PKRO), name (e.g., Price's Panora, Pickering), frequency (e.g., 75.53 310), and other technical details.

Table with columns for station ID (e.g., U58A, T57A), name (e.g., Oxford, Hurt), frequency (e.g., 79.70 307), and other technical details.

Table with columns for station ID (e.g., U51A, PETK), name (e.g., La Follette, Petropavlovsk), frequency (e.g., 83.23 210), and other technical details.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WALA Waterton Lakes, W41B Gary Mavity, X40A Basin Creek Fa, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SMKR Semkarok, KBTR Krutoberegovo, KBRTR Krutoberegovo, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AAK Ala-Archa, AAK Ala-Archa, TPNV Topopah Spring, etc.

ROM 08 05:01:28.1-0.3, 43.464N-0.007-12.40E-0.02, h7km, 1km, ML0.7/4, Error ellipse: s-maj=1.6km s-min=0.5km az=289.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ATPI Pietralunga, AVT-A Monte Val, ATVO, etc.

KDAD Kodiak Island, KDAD Kodiak Island, KDAD Kodiak Island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KDAD Kodiak Island, COLA College, CCB Clear Creek Bu, etc.

ISCJB 08 05:13:11.4-0.8, 6.65S-0.07-129.89E-0.08, h146km, mb4.0/2, Error ellipse: s-maj=11.0km s-min=9.7km az=22.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like R50A Paris, GECC GERESS Array S, GECC GERESS Array B, etc.

ISCJB 08 05:05:40.7-0.2, 60.242N-0.03-163.34E-0.05, h10km, mb4.2/32, MS3.1/6, Error ellipse: s-maj=4.7km s-min=3.2km az=147.6

IDC 08 05:05:41.6-0.7, 60.34N-163.47E, h0km, mb3.9/18, mb1.4/20, mb1mx3.9/59, mbtmpp3.9/20, ML5.2/1, MS3.2/8, Ms1.3/2.8, ms1mx3.0/34, Error ellipse: s-maj=19.3km s-min=9.6km az=172.0

KRSC 08 05:05:42.4-1.0, 60.12N-163.51E, h47km, 18km, ML5.1, FELT [I] at Ilyrskiy, Vivenka

NEIC 08 05:05:43.5-1.5, 60.29N-163.33E-0.04, h16km, 4km, mb4.5/40, earthModelID

quakeml.us.anss.org/earthmodel/ak135

MOS 08 05:05:44.3-1.0, 60.17N-163.33E, h42km, mb4.7/11, Error ellipse: s-maj=13.5km s-min=5.9km az=83.4

ISC 08 05:05:42.0-0.4, 60.16N-163.46E-0.03, h10km, n141, s128/145, mb4.4/37, MS3.1/6, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OSSR Ossora, OSSR Ossora, TILK Tilichiki, etc.

ISCJB 08 05:24:38.5-0.8, 34.79N-0.04-25.10E-0.02, h4km, 4km, mb3.6/3, Error ellipse: s-maj=6.9km s-min=3.0km az=177.7

ATH 08 05:24:38.4, 34.79N-25.11E, h11km, 2km, ML3.1/6, Error ellipse: s-maj=3.5km s-min=0.9km az=353.0

ISK 08 05:24:38.1, 34.90N-25.09E, h0km, ML3.3/19, THE 08 05:24:39.0, 34.83N-25.10E, h0km, 1km, ML3.1/8, Error ellipse: s-maj=2.0km s-min=0.7km az=170.0

IDC 08 05:24:39.5-1.7, 34.90N-24.59E, h0km, mb3.9/3, mb1.3/7.5, mb1mx3.4/36, mbtmpp3.6/5, ML3.9/2, Error ellipse: s-maj=44.7km s-min=25.4km az=121.0

ISC 08 05:24:39.1-1.3, 34.89N-25.05-25.09E-0.02, h4km, 9km, n53, s193/74, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, etc.

ISCJB 08 05:24:38.5-0.8, 34.79N-0.04-25.10E-0.02, h4km, 4km, mb3.6/3, Error ellipse: s-maj=6.9km s-min=3.0km az=177.7

ATH 08 05:24:38.4, 34.79N-25.11E, h11km, 2km, ML3.1/6, Error ellipse: s-maj=3.5km s-min=0.9km az=353.0

ISK 08 05:24:38.1, 34.90N-25.09E, h0km, ML3.3/19, THE 08 05:24:39.0, 34.83N-25.10E, h0km, 1km, ML3.1/8, Error ellipse: s-maj=2.0km s-min=0.7km az=170.0

IDC 08 05:24:39.5-1.7, 34.90N-24.59E, h0km, mb3.9/3, mb1.3/7.5, mb1mx3.4/36, mbtmpp3.6/5, ML3.9/2, Error ellipse: s-maj=44.7km s-min=25.4km az=121.0

ISC 08 05:24:39.1-1.3, 34.89N-25.05-25.09E-0.02, h4km, 9km, n53, s193/74, mb3.6/3, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SIVA Sivas, SIVA Sivas, SIVA Sivas, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, SNR, SNR Error, SNR Rate, SNR Accuracy, SNR Error Rate, SNR Accuracy Rate, SNR Accuracy Accuracy. Includes stations like SIVA, TMBK, KSTL, IACM, LAST, NPS, PRNS, GVD, ZKR, CHAN, IMMV, IMMV, SANT, ANKY, KARP, IOSP, KTHA, APE, DAT, ARG, BODT, MLSB, YER, ITM, TURN, DALY, CHOS, URLA, FEY, AYDB, AKAS, SIGR, AGG, AKASO, GERES, FINES, TORD, MKAR.

IDC 08 05:32:14.2;129.0;37.77N;14.63E;h0km,mb3.8/3, mb1 3.8/3,mb1mx3.4/28,mbtmb3.8/3,Error ellipse: s-maj=2482.0km s-min=79.0km az=46.0
ISCJB 08 05:32:31.6;0.5;38.20N;0.05;14.87E;0.05,h128km,4km, mb3.7/3,Error ellipse: s-maj=8.5km s-min=5.7km az=144.5
ROM 08 05:32:32.3;0.2;38.22N;0.01;14.85E;0.01,h121km,1km, ML2.7/43,Error ellipse: s-maj=1.3km s-min=1.1km az=335.0
ISC 08 05:32:32.0;1.0;38.20N;0.05;14.86E;0.05,h122km,7km, n48,-0575/50,mb3.6/3,Sicily

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, SNR, SNR Error, SNR Rate, SNR Accuracy, SNR Error Rate, SNR Accuracy Rate, SNR Accuracy Accuracy. Includes stations like MCPD, MUCR, VPL.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, SNR, SNR Error, SNR Rate, SNR Accuracy, SNR Error Rate, SNR Accuracy Rate, SNR Accuracy Accuracy. Includes stations like VPL, MSFR, NOV, MNO, MPNC, IFIL, ATN, IACL, MSRU, GAGL, SOI.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, SNR, SNR Error, SNR Rate, SNR Accuracy, SNR Error Rate, SNR Accuracy Rate, SNR Accuracy Accuracy. Includes stations like GALF, ESML, ECNV, CAGR, GIB, PETRA, MTTG, MSCL, RESU, JOPP, SOI.





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like SIGR, CHOS, WRA, ASAR, ILAR, etc.

ISCJB 08 06:29:32.31.1, 22.69N, 109.143E, 0.3, h100km, mb3.4/5, Error ellipse: s-maj=40.8km s-min=12.2km az=174.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like PDG, TIP, MDVR, etc.

ISCJB 08 06:34:27.11.3, 4.48S, 154.94E, h511km, 10km, mb3.2/9, mb1 3.3/10, mb1mx3.0/40, mbtmp4.1/10, Error ellipse: s-maj=23.3km s-min=15.4km az=80.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like KRVT, DZM, WRA, ASAR, etc.

ISCJB 08 06:38:22.41.0, 28.55S, 0.162E, 0.2, h10km, mb4.0/7, MS3.5/4, Error ellipse: s-maj=32.2km s-min=16.7km az=155.2

ISC 08 06:38:22.31.2, 28.53S, 62.48E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.7/48, mbtmp3.9/7, MS3.4/4, ms1mx2.9/36, Error ellipse: s-maj=43.5km s-min=27.1km az=83.0

ISC 08 06:38:24.21.1, 28.55S, 0.262E, 0.3, h10km, n27, 0594/20, mb4.1/8, MS3.5/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like KIMBO, H01W2, H01W3, etc.

GCG 08 06:47.11.0-0.8, 14.44N, 90.54W, h151km, 36km, MD3.8, GC, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like PCG, NBG, IXG, etc.

JMA 08 06:47:45.9.0.1, 37.22N, 141.73E, h60km, 2km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like JFK, ONAJ, JMST, etc.

ISCJB 08 07:01:26.0.0.6, 26.83N, 126.126E, 0.08, h142km, 7km, mb3.1/3, Error ellipse: s-maj=17.4km s-min=4.0km az=141.8

JMA 08 07:01:27.9.0.3, 26.83N, 126.23E, h140km, 4km, M3.4, DC 08 07:01:27.15.8, 26.96N, 126.28E, h144km, 8.5km, mb3.0/3, mb1 3.2/3, mb1mx2.9/44, mbtmp3.4/3, Error ellipse: s-maj=135.9km s-min=23.4km az=57.0

ISC 08 07:01:26.41.1, 26.93N, 126.126E, 0.08, h139km, 11km, n22, -127/38, mb3.2/3, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like JKE, JAGN, JIHE, etc.

ISCJB 08 07:28:31.9, 38.53N, 26.07E, h22km, ML2.7/12, ISCJB 08 07:28:32.7-0.4, 38.51N, 0.02-0.26E, 0.03, h11km, 3km, Error ellipse: s-maj=3.6km s-min=3.0km az=38.7

ISC 08 07:28:32.3, 38.49N, 26.04E, h28km, 2km, ML2.7/3, Error ellipse: s-maj=3.0km s-min=1.8km az=73.0

ISC 08 07:28:32.1, 38.57N, 25.99E, h7km, 5km, ML2.8, THE 08 07:28:33.3, 38.50N, 26.02E, h9km, 1km, ML2.3/8, Error ellipse: s-maj=2.2km s-min=0.8km az=91.0

ISC 08 07:32:39.0, 8.35S, 110.02-0.26E, 0.02, h14km, 6km, n38, 0584/62, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like WRA, ASAR, ILAR, etc.

ANF 08 07:22:24.7-0.1, 34.29N, 116.85W, h8km, 1km, ML2.1/24, ML2.1/24, Error ellipse: s-maj=1.4km s-min=1.2km az=52.0

SCEDD 08 07:22:25.6, 34.30N, 116.84W, h7km, ISC 08 07:22:25.2-0.9, 34.29N, 0.02-116.85W, 0.02, h8km, 6km, n43, 0525/79, Southern California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like BBRC, RRR, BFSC, etc.

JMA 08 06:47:45.9.0.1, 37.22N, 141.73E, h60km, 2km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like SNDA, BELC, BELC, etc.

JMA 08 06:47:45.9.0.1, 37.22N, 141.73E, h60km, 2km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like GSC, GSC, GMRC, etc.

ISCJB 08 07:01:26.0.0.6, 26.83N, 126.126E, 0.08, h142km, 7km, mb3.1/3, Error ellipse: s-maj=17.4km s-min=4.0km az=141.8

JMA 08 07:01:27.9.0.3, 26.83N, 126.23E, h140km, 4km, M3.4, DC 08 07:01:27.15.8, 26.96N, 126.28E, h144km, 8.5km, mb3.0/3, mb1 3.2/3, mb1mx2.9/44, mbtmp3.4/3, Error ellipse: s-maj=135.9km s-min=23.4km az=57.0

ISC 08 07:01:26.41.1, 26.93N, 126.126E, 0.08, h139km, 11km, n22, -127/38, mb3.2/3, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, DZM, Station Name, Azimuth, Phase ID, Time, Res, DZM. Includes stations like MONP2, MONP2, MONP2, etc.

ISCJB 08 07:28:31.9, 38.53N, 26.07E, h22km, ML2.7/12, ISCJB 08 07:28:32.7-0.4, 38.51N, 0.02-0.26E, 0.03, h11km, 3km, Error ellipse: s-maj=3.6km s-min=3.0km az=38.7

ISC 08 07:28:32.3, 38.49N, 26.04E, h28km, 2km, ML2.7/3, Error ellipse: s-maj=3.0km s-min=1.8km az=73.0

ISC 08 07:28:32.1, 38.57N, 25.99E, h7km, 5km, ML2.8, THE 08 07:28:33.3, 38.50N, 26.02E, h9km, 1km, ML2.3/8, Error ellipse: s-maj=2.2km s-min=0.8km az=91.0

ISC 08 07:32:39.0, 8.35S, 110.02-0.26E, 0.02, h14km, 6km, n38, 0584/62, Aegean Sea



Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ICS, IAML. Includes stations like T25A, T25B, SDCO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ICS, IAML. Includes stations like RMX, ECXB, ICPK, etc.

NNC 08:08:36:47.5i:3.4, 37.42N:71.46E, h0km, mb4.4, mpv4.2, Error ellipse: s-maj=26.7km s-min=19.7km az=177.0, ISCJB 08:08:48.4i:0.9, 37.22N:0.08W:71.45E:0.07, h150km, mb3.5/4, Error ellipse: s-maj=12.2km s-min=6.0km az=151.5

IDC 08:08:50.1i:4.5, 37.42N:71.33E, h140km, 33km, mb3.3/4, mb1.3, 3.9/10, mb1mx3.3, 1/47, mbmp3.7/10, Error ellipse: s-maj=35.1km s-min=18.8km az=151.0

ISC 08:08:36:49.9i:1.3, 37.3N:0.1i:71.41E:0.07, h150km, n26, r165/34, mb3.4/4, 6C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ICS, IAML. Includes stations like Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ICS, IAML.

MOS 08:08:44:09.0i:0.4, 43.23N:46.11E, h13km, MPV4.1, DRS 08:08:44:09.0i:0.4, 43.38N:46.01E, h16km, ML3.4/2, NORS 08:08:44:09.0i:0.4, 43.14N:46.10E, h17km, MPV3.9, TIF 08:08:44:11.2i:0.4, 43.19N:46.04E, h7km, 3km, ISCJB 08:08:44:11.2i:0.4, 43.34N:0.03:46.17E:0.02, h18km, 3km, mb3.5/1, Error ellipse: s-maj=4.5km s-min=2.4km az=23.3, DDA 08:08:44:32.1i:4.1, 59N:45.52E, h7km, 2km, ML2.1, ISC 08:08:44:10.6i:1.1, 43.22N:0.02:46.07E:0.02, h15km, 8km, n92, r1924/163, 8C-4D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ICS, IAML. Includes stations like GROG, UNCR, UNCR, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ICS, IAML. Includes stations like KMGR, VLKR, GNBR, etc.







8d 9h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KOLS, NB2, NOA, YKA, SYO, KHC, etc.

NIED 08 09:39:00, 36.90N, 141.50E, h5km, Mw3.8 Best double couple: Ms=9.20000x10^14 NP1=0.4100000, d45.000000, lambda=37.000000, NP2=0.15800000, d65.000000, lambda=129.000000.

ISCJB 08 09:39:21.8, 1.2, 36.96N, 0.03, 141.47E, 0.04, h12km, 7km, mb3.5/10, Error ellipse: s-maj=5.9km s-min=4.9km az=1.1 JMA 08 09:39:23.0, 1.1, 36.95N, 141.46E, h33km, 7km, M3.6 IDC 08 09:39:28.4, 2.9, 36.84N, 141.13E, h50km, 22km, mb3.3/10, mb1.3/5/14, mb1mx3/4/38, mb7mx3/5/14, ML3.1/4, Error ellipse: s-maj=21.9km s-min=16.7km az=98.0

Main table for stations 8d 9h, listing station names, azimuths, phase IDs, times, and residuals. Includes stations like ONAJ, JFJK, JFJD, etc.

ISCJB 08 09:41:18.5, 0.6, 24.86N, 0.03, 122.17E, 0.02, h98km, 4km, Error ellipse: s-maj=23.5km s-min=6.8km az=37.3 MEX 08 09:41:18.7, 0.7, 14.41N, 92.17W, h68km, 7km, MD3.6 CGC 08 09:41:21.9, 0.6, 14.58N, 92.00W, h60km, 4.7km, MD3.6 ISC 08 09:41:20.8, 1.5, 24.84N, 0.04, 122.17E, 0.03, h98km, 8km, n58, o56/4/99, Taiwan region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like THIG, FUG, etc.

2013 SEP

Main table for stations 2013 SEP, listing station names, azimuths, phase IDs, times, and residuals. Includes stations like EGS, TWB1, EOST, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CHN5, CHN5, etc.

ISCJB 08 09:48:49.2, 0.8, 13.63N, 0.1, 90.18W, 0.06, h72km, 13km, Error ellipse: s-maj=20.2km s-min=5.0km az=24.0 SNET 08 09:48:49.5, 0.6, 13.63N, 90.18W, h62km, 7km, ML3.3 CGC 08 09:48:51.0, 0.6, 13.58N, 90.28W, h51km, 1.7km, MD3.5 ISC 08 09:48:49.5, 1.7, 13.44N, 0.1, 90.21W, 0.07, h48km, 30km, n22, o19/5/37, Near coast of Guatemala

Main table for stations 526, listing station names, azimuths, phase IDs, times, and residuals. Includes stations like MOYG, MOYG, etc.

IDC 08 09:51:44.8, 0.7, 62.83S, 156.19E, h0km, mb4.4/8, mb1.4/5/8, mb1mx4.3/23, mbtmp4.4/8, MS4.0/9, Ms1.3.9/9, ms1mx3.7/16, Error ellipse: s-maj=36.8km s-min=18.0km az=74.0

ISCJB 08 09:51:45.3, 0.7, 62.86S, 0.08, 156.2E, 0.3, h10km, mb4.3/8, MS3.9/9, Error ellipse: s-maj=22.7km s-min=9.9km az=167.5 NEIC 08 09:51:47.4, 2.2, 62.9S, 0.1, 156.18E, 0.06, h15km, 3km, mb4.4/12, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 08 09:51:46.3, 0.5, 62.88S, 0.09, 156.5E, 0.2, h10km, m69, o17/6/2, mb4.4/10, MS4.0/9, Balency Islands region

Main table for stations 526, listing station names, azimuths, phase IDs, times, and residuals. Includes stations like SBA, SBA, CASY, etc.



8d 10h

2013 SEP

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Main table containing station call signs, names, coordinates, and other technical details for various radio stations.

ISCJB 08 10:57:19.9; 12.1411N; 0:2:90.78W; 0:09, h127km, gkm, Error ellipse: s-maj=29.2km s-min=8.2km az=26.4 SNET 08 10:57:20.4; 1.1, 14:06N; 90:81W, h107km, gkm, MLL3.1 GCG 08 10:57:20.9; 0.6, 14:13N; 90:76W, h114km, gkm, MD3.6 ISC 08 10:57:21.2; 2.2, 14:11N; 0:1:90.78W; 0:08, h116km, 13km, n16, e071/23, 1C-1D, Guatemala Code Station Name Az Phase ID Time Res

Table with columns: STG3, SBLS, CEVE, CEVE, CEVE, SNJE, MTO3, MRL, PAVA, COEG, COEG, PACA, COPN. Includes station names, coordinates, and times.

KRSC 08 11:14:39.8±1.5, 52.48N:160.19E, h50km, 18km, ML4.2
ISCJB 08 11:14:42.5±0.5, 52.52N:0.03:160.08E:0.05, h51km, 4km, mb3.8/18, MS4.0/2, Error ellipse: s-maj=6.6km

MOS 08 11:14:42.5±0.8, 52.55N:160.06E, h50km, mb4.5/3, Error ellipse: s-maj=6.5km s-min=4.6km az=92.7
NEIC 08 11:14:45.1±0.8, 52.61N:159.81E:0.07, h57km, 7km, mb4.9/9 earthModelID quakeml.us.anss.org/earthmodelak135

IDC 08 11:14:46.8±1.9, 52.61N:159.88E, h73km, 15km, mb3.4/15, mb1.3/16, mb1mx3.4/52, mbtmp3.7/16, MS4/2, Ms1.3/9.2, ms1mx2.8/25, Error ellipse: s-maj=18.4km s-min=13.4km az=137.0

ISC 08 11:14:41.9±1.1, 52.55N:0.03:160.06E:0.03, h32km, 8km, n30, s1928/166, mb3.7/19, 2D, Off east coast of Kamchatka Peninsula

Main table for station 529, listing station names, codes, coordinates, and times. Includes stations like SPN, UGLR, KRYK, etc.

Main table for station 2013 SEP, listing station names, codes, coordinates, and times. Includes stations like KBTR, BDR, SMKR, etc.

IDC 08 11:20:40.3±0.5, 51.55N:174.76W, h0km, mb4.2/33, mb1.4/35, mb1mx3.4/47, mbtmp4.2/35, ML4.3/2, MS3.4/21, Ms1.3/5/21, ms1mx3.3/35, Error ellipse: s-maj=16.2km s-min=9.7km az=170.0

BUI 08 11:20:41.2±0.0, 51.64N:175.15W, h10km, mb4.9/40, mb4.8/27, MS4.3/16, MS7.4/0/12
MOS 08 11:20:42.7±1.1, 51.59N:174.83W, h26km, mb4.7/19, Error ellipse: s-maj=10.8km s-min=7.6km az=99.9

NEIC 08 11:20:44.4±1.7, 51.48N:0.05:174.76W:0.03, h24km, 2km, mb4.8/18, ML4.3(AEIC), earthModelID quakeml.us.anss.org/earthmodelak135
AEIC 08 11:20:44.1±1.7, 51.46N:0.07:174.78W:0.05, h26km, 1km

ISCJB 08 11:20:45.7±0.5, 51.57N:0.05:174.77W:0.03, h50km, 3km, mb4.4/64, MS3.6/29, Error ellipse: s-maj=8.0km s-min=2.6km az=172.6

ISC 08 11:20:43.1±0.8, 51.39N:0.06:174.79W:0.03, h19km, 3km, n565, s1906/520, mb4.7/137, MS3.6/29, 10C-7D, Andreanof Islands

Table for Andreanof Islands, listing station names, codes, coordinates, and times. Includes stations like ATKA, KOPF, etc.

Main table for station 8d 11h, listing station names, codes, coordinates, and times. Includes stations like UNV, AKUT, SPIA, etc.

2013 SEP

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like US8B, USRKR, and N23A, and names like Ussuriysk Arra, Red Feather La, and Wupatki.





Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SWA2, HFRF, Wajah Farafira, etc.

NIED 08 12:16:00.38:30N:142:10E,h35km,Mw3.7 Best double couple: M0.58000x1014 NP1.0x102.00000, b24.00000, lambda=11.00000. NP2.0x202.00000, b86.00000, lambda=114.00000.

ISC/JB 08 12:16:10.7:0.9,38:28N:0:03:142:15E:0:07,h39km,8km, mb3.8/8, Error ellipse: s-maj=9.7km s-min=5.0km az=12.2 JMA 08 12:16:11.6:0.1,38:33N:142:10E,h36km,1km,M4.0 JMA Feil J1.

IDC 08 12:16:12.2:2.2,38:28N:142:44E,h43km,18km,mb3.5/8, mb1.3/6/12,mb1mx3.4/45,mbtmp3.8/12,ML2.9/4,MS2.5/3, Ms1.2/5.3,ms1mx2.3/47, Error ellipse: s-maj=26.4km s-min=11.5km az=106.0

ISC 08 12:16:12.6:1.1,38:32N:0:04:142:1E:0:1,h35km,4km, n35,0:150/43,mb3.8/8,5C-4D,Near east coast of eastern Honshu

Main station list table for the first section, including stations like Ishinomakikobu, Ouri, Kesenumamotoy, etc.

SOME 08 12:23:39.6,42:13N:81:70E,h15km NNC 08 12:23:41.5:1.2,42:21N:81:52E,h0km,mb3.4,mpv3.0, Error ellipse: s-maj=8.8km s-min=5.2km az=161.0

ISC 08 12:23:39.4,0,42:1N:0:21:87E:0:1,h16km,n10,0:188/13,2C-2D,Northern Xinjiang

Main station list table for the second section, including stations like PDGK, Uzynbulak, UZB, etc.

SOME 08 12:24:16.5,43:55N:81:35E,h5km,3D,Northern Xinjiang

Small table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes station Jarkent.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DJR, SHLS, UZB, SATY, etc.

NORS 08 12:29:00.0:0.0,41:78N:45:72E,h38km,MPVA3.9 MOS 08 12:29:00.7:0.0,41:87N:45:76E,h26km,MPVA3.9 DRS 08 12:29:01.3:0.0,41:77N:45:47E,h20km,ML2,3/2

ISC/JB 08 12:29:02.1:0.4,41:93N:0:03:45:74E:0:03,h26km,6km, Error ellipse: s-maj=4.6km s-min=2.9km az=152.9 DDA 08 12:29:02.6:1.1,55N:45:75E,h7km,2km,ML2.8 TIF 08 12:29:02.0,41:92N:45:75E,h14km,2km

ISC 08 12:29:01.5:1.2,41:80N:0:03:45:74E:0:02,h14km,10km, n32,0:073/62,Eastern Caucasus

Main station list table for the third section, including stations like LGD, DGRG, DDFL, etc.

IDC 08 12:38:20.5:2.8,31:08S:177:94W,h0km,mb3.6/2, mb1.3/9/3,mb1mx3.6/25,mbtmp3.7/3,ML2.9/1, Error ellipse: s-maj=68.3km s-min=24.4km az=113.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RAO, URZ, ASAR, etc.

JMA 08 12:50:06.1:0.1,24:93N:123:38E,h29km,M2.4, Southwestern Ryukyu Islands

Main station list table for the fourth section, including stations like YOJ, JYNG, IRIF, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NANB, ENA, TWC, etc.

GCG 08 12:55:23.4:1.6,14:12N:90:16W,h54km,14km,MD3.5, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MOYG, NKG, NBG, etc.

MOS 08 13:00:40.6:1.2,45:56N:22:92E,h15km,mb4.2/4, Error ellipse: s-maj=6.5km s-min=4.1km az=108.2

SOF 08 13:00:40.4,45:55N:22:61E,h1km,MD3.7 IDC 08 13:00:40.8:0.7,45:48N:22:76E,h0km,mb3.7/7, mb1.3/8/18,mb1mx3.6/41,mbtmp3.7/18,ML3.2/9,MS2.9/11, Ms1.2/9/11,ms1mx2.7/52, Error ellipse: s-maj=14.3km s-min=7.4km az=20.0

ISC/JB 08 13:00:41.4:0.3,45:59N:0:008:22:77E:0:01,h3km,1km, mb3.8/9,MS3.5/4, Error ellipse: s-maj=1.5km s-min=1.3km az=34.8

SIGU 08 13:00:42.1:0.1,45:61N:0:4:22:92E:0:6,h4km,mb3.4/12 PDG 08 13:00:42.7:0.7,45:57N:22:84E,h1km,1km,ML3.8/13, Error ellipse: s-maj=0.7km s-min=1.1km az=0.0

BUC 08 13:00:42.8:0.2,45:59N:22:85E,h2km,2km,ml4.2/39, Error ellipse: s-maj=1.6km s-min=1.3km az=95.0

BEO 08 13:00:42.7:0.3,45:56N:22:86E,h3km,2km,ML4.0/22 NEIC 08 13:00:43.6:1.0,45:61N:0:06:22:88E:0:04,h18km,1km, earthModelId/quakeum.us.anss.org/earthmodel/ak135

PRU 08 13:00:43.9:0.0,45:58N:22:75E,h0km,M4.3 ISC 08 13:00:42.6:0.8,45:58N:0:01:22:85E:0:01,h13km,5km, n363,1:189/517,mb3.8/10,MS3.2/9,MS3.2/95C-73D,Romania

Main station list table for the fifth section, including stations like GZR, Zura Zlata, Gura Zlata, etc.

BANR Banloc 1.22 261 P Pg 13:01 23.8 +1.8

Main station list table for the sixth section, including stations like RAO, URZ, ASAR, etc.



Main data table with columns for station name, frequency, mode, and various signal quality metrics. Includes stations like ARCA, Humele, Beograd, etc.

Table with columns: ABTA, Abfaltersbach, 7.27 283 ePn, Pn, 13 02 30.6 +1.9, etc. Includes stations like Abfaltersbach, Norcia, AOU, PAOL, etc.

Table with columns: ZALV, Zalesovo Beam, 39.71 55 P, P, 13 08 15.8 +1.5, etc. Includes stations like Zalesovo Beam, Niore, Urumqi, etc.

Table with columns: MDT, Midelt, 144.69 326 PKP, PKPbc, 13 09 59.6 +1.5, etc. Includes stations like Midelt, Torodi Ar. Sitr, Brasilia, etc.

Error ellipse: s-maj=1.6km s-min=1.2km az=115.0 MED\_RC 08 13:22:12.0... Moment Tensor Solution...

comp=Z,196nm,20.4s,baz=272,slow=29 Sn MLR 148nm,0.3s,baz=11,slow=22,SNR=13

KECS Kecovo 3.30 332 eP Pn 13:23 06.0 +1.9 KECS Kecovo 3.30 332 eP Pn 13:23 44.8

BE0 08 13:22:13.1... LDG 08 13:22:13.8... NEIC 08 13:22:14.6... ISC 08 13:22:12.8...

MLR Muntele Rosu 2.18 92 U S Sn MLR Muntele Rosu 2.18 92 U S Sn MLR Muntele Rosu 2.18 92 U S Sn

KECS Kecovo 3.30 332 eP Pn 13:23 06.0 +1.9 KECS Kecovo 3.30 332 eP Pn 13:23 44.8 KECS Kecovo 3.30 332 eP Pn 13:23 44.8

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, s, Res. Lists various stations like GZR, DEV, HERR, BZS, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, s, Res. Lists various stations like MLR, FRGS, TRUS, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, h, s, Res. Lists various stations like KECS, STNU, RAZG, etc.

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

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

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

Table of astronomical observations for 8d 14h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2019 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 538, listing station names, coordinates, and observation details.



8d 16h KEBE Keben-Mersin 0.68 129 PG Pb 14 45 05.3 -0.6 KEBE Tekeli-Mersin 0.73 176 PG Pb 14 45 06.2 -0.6

2013 SEP n7..o0s40/13, Jordan-Syria region Code Station Name Az AZZ Phase ID Time Res h m s ISC

MKAR Makanchi Array 96.84 316 P P 16 04 21.5 +0.5 ARCES ARCES Array B 118.82 346 PKP PKPdf 16 09 32.3 -1.3

TAP 08 14:46:02.0, 24.26N, 121.75E, h12km, ML1.5, D, Taiwan Code Station Name Az AZZ Phase ID Time Res h m s ISC

ISC/JB 08 15:47:20.1±0.7, 13°8N, 01°14'5"E±0.3, h144km, mb3.6/8, Error ellipse: s-maj=45.5km s-min=14.1km az=10.0

IDC 08 16:09:53.3±0.1, 13°30S, 167°48E, h0km, mb4.2/3, mb1 4.3/3, mb1mx3.6/3, mbmtmp4.2/3, Error ellipse: s-maj=871.3km s-min=106.7km az=64.0, Vanuatu Islands

JMA 08 14:46:42.3±0.1, 24°08'N, 123°00'E, h54km±2km, M2.9, Taiwan region Code Station Name Az AZZ Phase ID Time Res h m s ISC

GCG 08 15:50:28.8±0.8, 13°99'N, 92°40'W, h65km±2km, MD4.0 SNET 08 15:50:34.3±1.9, 14°23'N, 92°03'W, h59km±16km, ML3.9

TEH 08 16:12:44.9, 34°79'N, 52°72'E, h10km, ML3.6 ISC/JB 08 16:12:45.3±0.3, 34°85'N, 0°03'52"E±0.3, h6km, mb3.5/4, Error ellipse: s-maj=4.0km s-min=3.6km az=166.6

MAN 08 14:50:27.8±0.9, 9.77N, 125°11'E, h20km, mb3.8, ML2.5, MS2.0, ID, Mindanao Code Station Name Az AZZ Phase ID Time Res h m s ISC

ISC/JB 08 15:51:51.8±0.8, 12°8'S, 01°168'9"E±0.2, h600km, mb4.0/15, Error ellipse: s-maj=23.5km s-min=12.6km

ITC 08 15:51:53.6±2.5, 12°98'S, 168°97'E, h615km, 30km, mb3.4/15, mb1 3.5/16, mb1mx3.3/35, mbmtmp4.3/16, Error ellipse: s-maj=24.0km s-min=15.0km az=100.0

GCG 08 14:50:32.4±0.9, 15°56'N, 91°40'W, h50km±293km, MD3.7, Mexico-Guatemala border region Code Station Name Az AZZ Phase ID Time Res h m s ISC

DZM Mont Dzumac 9.39 193 Op ISC P 15 54 07.5 +1.6 CTA Charters Tower 22.68 249 P 15 56 11.8 ±0.8

IRAM Rameshch 3.01 185 ePn Pn 16 13 34.7 ±0.7 IRAM Rameshch 3.01 185 ePn Pn 16 13 34.5 ±0.7

IDC 08 15:28:49.2±4.8, 6.67S, 155°54'E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.4/21, mbmtmp3.4/4, ML3.4/1, Error ellipse: s-maj=89.6km s-min=34.5km az=73.0

GRAL 08 15:37:35.8±0.3, 33°98'N, 36°23'E, h25km±6km, MD3.0 NSSC 08 15:37:35.8±0.3, 34°06'N, 36°14'E, h7km±6km, ML0.9

MKAR Makanchi Array 25.23 53 P P 16 18 13.0 ±0.8 MKAR Makanchi Array 25.23 53 P P 16 18 13.0 ±0.8





Table containing station data for the first section. Columns include call sign, frequency, power, and location. Stations include CTA, LEM, KRVT, TGY, MORW, BBOO, STKA, STKA, EIDS, NWAQ, NWAQ, CAN, RPSI, PSI, TOO, CBJ, GYA, DZM, CM31, CM31, CM31, CMAR, CMAR, CMAR, CMMT, CHTO, GYA, GYA, JNU, WHN, NJ2, NJ2, TARA, MJAR, MJAR, MAJO, KSAR, KSAR, KSAR, KSRS, KSRS, KSRS, CD2, CD2, BJI, BJI, SHL, SHL, LZH, LZH, LZH, LZH, TUVZ, HHC, HHC, HHC, USRK, LSA, LSA, GTA, GTA, GTA, GTA, GTA, SONA, SONM, SONM, WMQ, WMQ, WMQ, WMQ, PETK, PETK, PE1, KSH, MK31, MK31, MK31, MK32, MKAR, MKAR, MKAR, MKAR, YAK, YAK, GAR, GAR, ZAAO, ZALV, ZAAO, ZEY, KURK, KURK, MAW, MAW, KK31, KKAR, TBI

Table containing station data for the second section. Columns include call sign, frequency, power, and location. Stations include PPT2, GEY, SYO, SYO, SYO, ABKAR, RND, CCB, IL31, ILAR, ILAR, GE2C, GERES, PD31, PDAR, LTX, LTX, LTX, ESDC, TORO, TORO, TORO, DB1C, CPUP, LPAZ, SAR 08, PDG 08, ellipsc: s-maj=0.6km, PRU 08, BEO 08, ISC 08

GCG 08 16:43:52.0,3, 15:23N-91:29W, h72km, 20km, MD3.5, Mexico-Guatemala border region

Table containing station data for the third section. Columns include call sign, frequency, power, and location. Stations include STG3, STG3, FUG, FUG, IXC, IXC, IXC, MAK, MAK, HVAR, HVAR, HVAR, KJUV, KJUV, MGRS, MGRS, STON, STON, STON, STON, STON, STON, STON, STON, MORI, MORI, MORI, ZIRZ, ZIRZ, BLY, BLY, BLY, UDBI, UDBI, TREB, TREB, TREB, BRY, BRY, BRY, DOB, DOB, DOB, UPM, UPM, UPM, DUGI, DUGI, DUGI, HAPS, HAPS, HAPS, HCY, HCY, HCY, HCY, NKME, NKME, RUDO, RUDO, RUDO, CEME, CEME, PLE, PLE, BLS, BLS, BLS, BLS, NVLJ, NVLJ, BUM, BUM, BUM, KOM, KOM, KOM, PDG, PDG, PDG, TTK, TTK, TEKS, TEKS, TEKS, DRME, DRME, DRME, DRME, SJEJ, SJEJ, SJEJ, DIVS, DIVS, DIVS, DIVS, IVA, IVA, IVA, BOJS, BOJS, BOJS, IVAS, IVAS, IVAS, OZLJ, OZLJ, OZLJ, ULC, ULC, ULC, PUV, PUV, PUV, PTJ, PTJ, PTJ

Table containing station data for the fourth section. Columns include call sign, frequency, power, and location. Stations include CRES, CRES, RIV, RIV, RIV, RIV, TRUS, TRUS, TRUS, FRGS, FRGS, KALN, KALN, SG1, SG1, CEY, CEY, MORH, MORH, MORH, BEHE, BEHE, BEHE, AQU, AQU, LJLU, LJLU, SELS, SELS, SOKA, SOKA, OBKA, OBKA, BOVS, BOVS, BARS, BARS, ARSA, ARSA, ARSA, ZAPS, ZAPS, ZAPS, KBA, KBA, KBA, KBA, CONA, CONA, CONA, MOA, MOA, MOA, MODS, MODS, MODS, VYHS, VYHS, VYHS, VYHS, VYHS, MOT, MOT, MOT, FETA, FETA, FETA, RETA, RETA, RETA, KHC, KHC, KHC

ISCJB 08 16:52:09.4, 1.6, 33:79N, 0:05:35.7E, 0:1, h15km, 17km, Error ellipsc: s-maj=15.1km s-min=8.0km az=168.6, NSSC 08 16:52:09.0,0.3,33:83N:35:79E, h5km, 10km, MD1.2, ML1.2

GRAL 08 16:52:10.2,0.3, 33:79N:35:79E, h6km, 6km, MD2.7, ISC 08 16:52:09.7, 1.4, 33:80N, 0:04:35.7E, 0:07, h13km, 14km, n7, 08:43/12, Jordan-Syria region

Table containing station data for the fifth section. Columns include call sign, frequency, power, and location. Stations include BHL, BHL, BHL, DORL, DORL, RCY, RCY, RCY, BRBR, BRBR, BRBR, BRBR, HWQ, HWQ, QASN, QASN, QASN, QASN, TOT, TOT, TOT, TOT, SJA 08 16:53:54.7, 0.9, 31:64S:68.85W, h110km, 3km, ML3.0, MW3.7, San Juan Province

Table containing station data for the sixth section. Columns include call sign, frequency, power, and location. Stations include ZON, ZON, ZON, ZON, ZON, RTCV, RTCV, RTLS, RTLS, RTLS, RTLS, RTLL, RTLL, RTLL, AMOG, AMOG, ACAN, ACAN, PEL, PEL, G004, G004, MRA, MRA, LAS, LAS, RFA, RFA, TCA, TCA, PUMA, PUMA, GYA, GYA, C03, C03

IDD 08 17:05:25.2,5,5:59S, 130:83E, h111km, 25km, mb3.7/3, mb1.4/0.6, mb1mx3.5/28, mbtmp4.3/6, Error ellipsc: s-maj=35.7km s-min=17.3km az=73.0

ISC 08 17:05:24.6, 1, 5:55S:0:08, 130:7E, 0:1, h100km, n8, c190R, mb3.8/3, Banda Sea

Table containing station data for the seventh section. Columns include call sign, frequency, power, and location. Stations include Code, Station Name, and other station details.

Table with station names (ASAR, STKA, CMAR, MKAR) and their associated parameters like frequency, power, and coordinates.

Table for GCG 08 17:21:55.10-7, 14:03N-91:66W, h17km, 5km, MD3.8, Guatemala, listing station names and their parameters.

NNC 08 17:30:16.2:2.0, 36:81N:70:04E, h0km, mb6.0, mpv5.6, Error ellipse: s-maj=20.9km s-min=10.8km az=156.0

MOS 08 17:30:19.9:0.2, 36:48N:0:01:70:16E:0.01, h12km, 2km, mb5.2/164, Error ellipse: s-maj=2.1km s-min=1.8km az=34.5

NEIC 08 17:30:20.1:2.2, 36:51N:0:06:70:13E:0.05, h212km, 1km, mb5.3/154, Mw5.2, earthModelID quakeml:us.unss.org/earthmodel/ak135

NEIC 08 17:30:20.5:2.2, 36:54N:0:06:70:09E:0.05, h210km, 4km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm

ISC 08 17:30:22.0:0.8, 36:46N:70:21E, h230km, 7km, mb4.9/45, mb1.4/9/54, mb1mx4.9/59, mbtmp5.5/54 Error ellipse: s-maj=6.4km s-min=4.9km az=11.0

GCMT 08 17:30:21.6:0.2, 36:55N:0:01:70:02E:0.01, h125km, 1km, MW5.2/123, Moment Tensor Solution, s81, c115, s123, c215

ISC 08 17:30:20.4:0.3, 36:50N:0:03:70:21E:0.02, h217km, 2km, h217:1:pp-P, n984, r1552/1220, mb5.2/238, 81C-87D, Hindu Kush region

Main table listing station names (KBL, KAB, GAR, etc.) and their parameters (lat, lon, phase ID, time, residuals).

Table with station names (TKM2, TKM2, TKM2, SGDS) and their parameters.

Table with station names (SGLS, SMLA, SMLA) and their parameters.

Table with station names (MTBS, MTBS, TNSS, TNSS, AAA, AAA) and their parameters.

Table with station names (AAA, AAA, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK) and their parameters.

Table with station names (KKR, KUR, KUU, KUU, CHKK, CHKK, DDI, DDI) and their parameters.

Table with station names (BTLS, BTLS, BTLS, BTLS, SATY, SATY, SATY, SATY) and their parameters.

Table with station names (SATH, ZHN, ZHN, ZHN, ZHN, ZHN, ZHN, ZHN) and their parameters.

Table with station names (ZUZB, ZUZB, GEYT, GEYT, GEYT, GEYT, GYA0B, GYA0B) and their parameters.

Table with station names (NDI, JOSI, JOSI, PDGG, PDGG, PDGG, PDGG) and their parameters.

Table with station names (KUDL, KUDL, KUDL, TDK, TDK, TDK, TDK) and their parameters.

Table with station names (TDK, TDK, TDK, TDK, TDK, TDK, TDK, TDK) and their parameters.

Table with station names (BHUJ, MAK2, MAK2, MAK2, MAK2, MAK2, MAK2, MAK2) and their parameters.

Table with station names (BRZS, BRZS, BRZS, PYUN, PYUN, MK31, MK31) and their parameters.

Table with station names (MK31, MK31, MK31, MK31, MK31, MK31, MKAR, MKAR) and their parameters.

Table with station names (MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, KOLN, KOLN) and their parameters.

Table with station names (BHPH, ABKAR, GKN, GKN, WMQ, WMQ, WMQ, WMQ) and their parameters.

Table with station names (WMQ, KURBB, KURBB) and their parameters.

Table with station names (KURBB, ZSN, ZSN, ZSN, DMN, DMN) and their parameters.

Table with station names (KURK, KURK, KURK, KURK, KURK, KURK) and their parameters.

Table with station names (PKIN, PKIN, PKIN, PKIN, PKIN, PKIN) and their parameters.

Table with station names (JBP, JBP, BANOB, BANOB, BANOB, BANOB) and their parameters.

Table with station names (AKTO, AKTO, AKTO, AKTO, AKTO, AKTO) and their parameters.

Table with station names (BVAR, BVAR, BVAR, BVAR, BVAR, BVAR) and their parameters.

Table with station names (BRVK, BRVK, BRVK, BRVK, BRVK, BRVK) and their parameters.

Table with station names (UMQ, UMQ, WSAR, WSAR, WSAR, WSAR) and their parameters.

Table with station names (BIDO, BIDO, HATD, HATD, HATD, HATD) and their parameters.

Table with station names (RAMN, RAMN, ASHO, ASHO, ASHO, ASHO) and their parameters.

Table with station names (WBK, WBK, NAZ, NAZ, NAZ, NAZ) and their parameters.

Table with station names (HOQ, HOQ, SMDO, SMDO, JLN, JLN) and their parameters.

Table with station names (NGP, NGP, FAQ, FAQ, FAQ, FAQ) and their parameters.

Table with station names (TAPN, TAPN, ASUD, ASUD, ASUD, ASUD) and their parameters.

Table with station names (ODAN, ODAN, JMDO, JMDO, ALNE, ALNE) and their parameters.

Table with station names (ARQ, ARQ, AJN, AJN, AJN, AJN) and their parameters.



Table with columns for station call letters, name, frequency, and other technical details. Includes stations like VTS Vitoshka, DRGR Gura Zlata, KWP Kalwaria Pacla, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KSP Ksiaz, MAKMA Makarska, CHVC Chvalec, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like RPSI Rantau Prapat, KBA Koelnbreispeser, TRO Tromso, etc.

Table of station data for the left column, including call signs (e.g., MYKOM, MSHR), frequencies (e.g., 46.46 130), and various status indicators (e.g., P, I, A, B).

Table of station data for the middle column, including call signs (e.g., comp=Z,8,2nm,0.6s, MJB9), frequencies (e.g., 53.54 68), and various status indicators (e.g., P, I, A, B).

Table of station data for the right column, including call signs (e.g., MSNA, TOLK), frequencies (e.g., 69.76 220), and various status indicators (e.g., P, I, A, B).



8d 18h

CCHI CCHI iS Sn 17 38 42.2 +1.5 17 38 54.8

IDC 08 17:40:20.5:2.7,36:16N:70.65E,h184km,24km,mb3.5/11, mb1 3.5/17,mb1mx3.3/63,mbtmp4.0/17, Error ellipse: s-maj=19.4km s-min=14.8km az=3.0

ISCJB 08 17:40:23.0:4.36:15N:0104.70:63E:0.0:6,h204km, mb3.6/9, Error ellipse: s-maj=6.9km s-min=5.3km az=179.7

NINC 08 17:40:26.5:8.1,37.03N:70.60E,h0km,mb5.1,mpv4.7, Error ellipse: s-maj=65.0km s-min=59.6km az=30.0

ISC 08 17:40:23.6:0.6:36:51N:0106.70:60E:0.07,h204km,n35,c1546/41,mb3.6/9,1C-3Z,Hindu Kush region

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

ISCJB 08 17:45:48.3:0.4,22.76S:0104.66:38W:0.05,h251km,4km, Error ellipse: s-maj=7.7km s-min=5.4km az=140.0

IDC 08 17:45:48.4:1.3,22.69S:66.18W,h224km,18km,mb3.3/3, mb1 3.5/7,mb1mx3.2/35,mbtmp4.0/7, Error ellipse: s-maj=27.0km s-min=15.0km az=117.0

SJA 08 17:45:49.2:1.0,22.76S:66.35W,h244km,14km,ML2.8,MW3.5

GUC 08 17:45:49.9:0.4,22.61S:66.80W,h268km,8km,ML4.4

ISC 08 17:45:48.9:0.8,22.15S:0106.66:37W:0.05,h242km,7km, n37,c1913/48,5C-1D,Ujuy Province

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

VCA Vinchina 6.23 195 P Pn 17 47 20.9 +1.0 LPAZ La Paz 6.60 345 P Pn 17 47 26.1 +1.0

LPZA comp=N,0.4nm,0.3s,baz=301,slow=9.9,SNR=13 LPAZ La Paz 6.60 345 P Pn 17 47 26.5 +1.0

TCA Tanti 8.76 170 P Pn 17 47 50.7 -0.9 RTLL Cerro Villucun 8.79 192 P Pn 17 47 50.8 -1.4

ISC 08 18:00:22.0:3.1,37.74N:20.10E,h0km,mb3.6/6, mb1 3.6/11,mb1mx3.5/58,mbtmp3.5/11,ML3.4/5, Error ellipse: s-maj=49.7km s-min=22.4km az=23.0

ISCJB 08 18:00:28.2:0.6,38.19N:0103.20:33E:0.03,h15km,6km, mb3.5/6, Error ellipse: s-maj=5.3km s-min=3.6km az=135.2

THE 08 18:00:29.5,38.19N:20.44E,h11km,1km,ML3.3/11, Error ellipse: s-maj=1.7km s-min=0.9km az=56.0

ATH 08 18:00:29.6,38.22N:20.50E,h16km,1km,ML3.3/13, Error ellipse: s-maj=1.3km s-min=0.6km az=233.0

TIR 08 18:00:29.3,38.30N:20.10E,h110km,ML3.5/9

ISC 08 18:00:28.7:0.9,38.21N:0102.30:38E:0.03,h16km,5km, n106,c1845/143,mb3.7/6, Greece

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

JAN comp=E,225qm,0.8s AML AML 18 01 24.7 JAN comp=N,1914um,0.9s AML AML 18 01 24.8

KEK Kerkira 1.57 343 P S Pn 18 00 57.5 0.0 KEK Kerkira 1.57 343 P Pn 18 00 57.5 0.0

MAKR Makrakomi, Fth 1.59 59 P Pn 18 00 58.9 -0.4 STIP Stip 1.59 59 P Pn 18 00 59.0 -0.4

Metsovon 1.71 22 S N S 18 01 51.6 +0.5 AGG Agios Georgios 1.73 61 P Pn 18 01 00.1 0.0

OHrid 2.92 32 P S Pn 18 01 17.1 +2.5 GRG Griva 3.16 29 P Pn 18 01 18.4 +0.6

Vitosha 4.92 25 P Pn 18 01 43.1 +1.0 BDO Bdohopi 4.94 32 P Pn 18 01 45.2 +0.9

Ston 5.09 337 P S Pn 18 02 04.3 -2.5 STON Ston 5.09 337 P S Pn 18 01 43.5 -0.8

OBKA Obir 9.35 334 P Pn 18 02 45.9 +3.0 VYH Vyhne 10.35 354 P Pn 18 02 55.8 -0.6

ISC 08 18:02:38.2:2.1,43.57N:105.36W,h0km,mb3.9/3, mb1 3.8/6,mb1mx3.4/56,mbtmp3.6/6,ML3.3/3,M52.6/1,

NEIC 08 18:02:35.1:1.1,43.77N:0101.105:267W:0.0:0.08, h0km,2km,ML3.3/54,earthModelID quakeml.uns.ans.org/earthmodel/ak135

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

RSSD Black Hills 0.96 69 Op ISC 18 02 53.8 +0.2 K22A Casper 1.45 219 P Pn 18 02 57.7 +2.3







Table of astronomical observations for 2013 SEP, listing stations (TIA, TPNV, YKA, etc.), station names, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations (KSH, KOLN, PYUN, etc.), station names, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations (ASAR, FINES, NOA, etc.), station names, coordinates, and observation details.

NS Nanshan 0.38 270 eS Sb 20 02 24.7 -0.9
NSK Sanguang 0.46 301 eS Sb 20 02 27.9 0.0

JMA 08 20:03:10.0:0.1, 24°33'N-123°38'E, h29km, M1.6, Southwestern Ryukyu Islands
Code Station Name Az Phase ID Time Res ISC

NSSC 08 20:10:58.5:0.6, 36°67'N-25°57'E, h5km, 999km, Mb5.0
ISCJB 08 20:11:00.6:0.7, 34°68'N-0°03:25, 12E:0.02, h3km, 3km,

IDC 08 20:11:00.6:0.8, 34°58'N-25°03'E, h0km, mb3.8/13, mb1.4, 0.22, mb1mx3.8/62, mbtp3.9/22, ML3.8/9, MS3.0/4,

THE 08 20:11:02.0, 34°81'N-25°11'E, h0km, 1km, ML3.7/7, Error ellipse: s-maj=2.0km s-min=0.6km az=172.0

ATH 08 20:11:02.2, 34°81'N-25°11'E, h17km, ML3.7/15, Error ellipse: s-maj=1.7km s-min=0.6km az=356.0

ISC 08 20:11:01.3:1.3, 34°70'N-0°05:25.14E:0.02, h5km, 8km, n139, s173/165, mb3.8/15, MS3.0/3, Crete

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIS1, VLI, DAT, etc.

TURN Turunc 3.55 51 PN Pn 20 11 54.8 -2.4
ITM Ithomi 3.59 314 P Pn 20 11 58.6 +0.9

FETHY Fethiye 3.75 58 P Pn 20 12 02.6 +2.7
FETHY Fethiye 3.75 58 PN Pn 20 12 02.1 +2.2

SKIA Skiatheos 4.65 344 P Pn 20 12 13.4 +1.0
KULA Kula-Manisa 4.74 36 PN Pn 20 12 15.3 +1.7

BCK Bucak 5.02 56 PN Pn 20 12 22.6 +2.7
SIMA Simav-Kutahya 5.35 34 PN Pn 20 12 23.9 +1.9

KEPZ Antalya-Kepez 5.70 65 P Pn 20 12 29.4 +2.7
SHUT Suturetlyon 5.81 47 PN Pn 20 12 30.8 +2.5

KNT Kenderlik 6.69 345 P Pn 20 12 43.0 +2.7
BRTR Keskin Array B 8.43 51 Pn Pn 20 13 07.0 +2.7

QASN Qasim 9.11 94 eP Pn 20 13 14.9 -1.5
TOH TOTAH 9.47 95 eP Pn 20 13 18.2 -0.3

VAE Valguarnera 9.11 291 Sn Sn 20 14 52.5 -4.1
ASG Agios Charaliam 9.06 95 eS Pn 20 13 11.8 -1.3

MMAI Mount Meron Ar 8.70 98 Pn Pn 20 13 08.1 +0.1
MMAI comp=Z,0.8nm,0.3s,baz=291,slow=12,SNR=2.7

BRBR Barbar 9.06 95 eS Pn 20 13 11.8 -1.3
BRBR comp=Z,64nm,0.6s 9.06 95 eS Pn 20 14 48.5 -7.1

ASF Elat 9.71 118 Pn Pn 20 13 21.8 0.0
ASF comp=Z,1.0nm,0.3s,baz=309,slow=19,SNR=6.1

ASF Jabal Asfar 10.14 101 Pn Pn 20 13 28.6 +0.8
ASF comp=Z,0.3nm,0.3s,baz=242,slow=10,SNR=6.2

MLR Monte Rosu 10.79 3 Pn Pn 20 13 40.7 +4.0
MLR comp=Z,0.2nm,0.3s,baz=220,slow=15,SNR=2.4

KBA Koelnbreinsper 15.22 328 eP P 20 14 42.9 +0.7
KBA comp=Z,1.3nm,0.7s 15.22 328 eP P 20 14 42.9 +0.7

MOA Molin 15.40 332 pP P 20 14 45.9 +1.3
VRAC Vranon 15.95 339 Pn P 20 14 48.5 -1.1

WATA Walderalm 16.22 325 eP P 20 14 55.3 +2.0
AKASG Malin Array Be 16.27 9 Pn Pn 20 14 51.8 +1.3

SQTA Santk Quirin 16.31 324 P P 20 14 54.2 -0.1
FETA Feichten 16.41 323 eP P 20 14 56.9 +1.6

KBZ Khabaz 16.43 51 Pn P 20 14 58.2 +2.8
MOTA Moosalm 16.45 324 eP P 20 14 57.3 +1.4

GNR GERS Array B 16.48 332 Pn P 20 14 55.7 -0.4
GNR comp=Z,0.2nm,0.3s,baz=142,slow=12,SNR=18

GNR Gerni 16.48 65 LR LR 20 21 22.9
KHC Kasperske Hory 16.76 330 eP P 20 15 00.0 +0.9

CLL Collin 18.78 336 eP Pn 20 15 23.0 +1.3
ESDC Sonseca Array 23.66 291 P P 20 16 13.8 +0.1

HFS Hagnors 26.72 347 P P 20 16 38.6 -1.0
HFS comp=Z,1.2nm,0.6s,baz=153,slow=11,SNR=2.7

NB2 NORSAR Subarra 27.84 345 P P 20 16 52.0 +0.5
NORA NORSAR Array B 27.84 345 P P 20 16 51.5 0.0

NOA Eskdalemuir Ar 28.40 325 P P 20 16 57.4 +0.8
AKTO Aktyubinsk 28.58 47 P P 20 17 01.1 +2.9

TORD Torod Ar. Bea 30.18 230 P P 20 17 11.6 -1.2
TORD comp=Z,1.5nm,0.6s,baz=35,slow=8.4,SNR=16

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TORD, ARCES, BVAR, etc.

ISCJB 08 20:13:30.3:0.2, 18°38'N-0°03:66, 26W:0.02, h102km, 1km, mb3.9/13, Error ellipse: s-maj=5.1km s-min=2.8km

IDC 08 20:13:30.4:0.7, 18°43'N-66°28'W, h95km, 7km, mb3.7/15, mb1.0/17, mb1mx3.6/51, mbtp4.1/17, MS3.0/1,

NEIC 08 20:13:31.2:0.8, 18°49'N-0°09:66, 30W:0.09, h94km, 5km, earthModelId quakem/us.anss.org/earthmodelak135

ISC 08 20:13:30.9:0.5, 18°36'N-0°05:66, 29W:0.03, h99km, 4km, n166, s146/189, mb4.1/16, Puerto Rico region

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

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

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

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

MOS 08 20:15:06.1±0.5, 50.17N, 157.63E, h71km, mb4.1/4, Error ellipse: s-maj=19.8km s-min=4.7km az=82.8

ATH 08 20:22:08.2±0.4, 40.85N, 22.77E, h19km, ML1.9/11, Error ellipse: s-maj=1.8km s-min=0.9km az=8.0

JMA 08 20:32:13.6±0.1, 39.94N, 142.42E, h37km, M3.6, s-min=22.3km az=88.0, Banda Sea



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

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

ICD 08 21:22:13.4z.2.5, 37:29N; 142:67E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.2/33, mbtmp3.2/3, ML2.0/1, MS2.1/1, Ms1 2.1/1, ms1mx1.8/19, Error ellipse: s-maj=52.4km s-min=35.0km az=44.0

JMA 08 21:22:18.0z.0.2, 37:38N; 142:21E, h24km, 4km, M3.4, ISC 08 21:22:16.6z.6.2, 37:38N; 142:21E, h10km, 15km, LVC 08 21:22:16.6z.6.2, 37:38N; 142:21E, h10km, 15km, LVC

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1N1, H1N1, H1N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1S3, H1S3, H1S3, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB09, PB09, PB09, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB06, PB06, PB06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB12, PB12, PB12, etc.

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

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

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

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

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

ISCJB 08 21:09:25.8z.1.2, 14:33N; 07:92:44W, 0.05, h36km, 31km, Error ellipse: s-maj=14.2km s-min=5.0km az=33.0

GCG 08 21:09:25.1z.1.14, 25N; 92:43W, h32km, 24km, MD4.1, MEX 08 21:09:27.3z.0.9, 14:32N; 92:28W, h41km, 16km, MD4.0

NEIC 08 21:09:28.5z.2.8, 14:49N; 07:92:23W, 0.02, h36km, 25km, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 08 21:09:23.8z.1.6, 14:40N; 08:92:36W, 0.05, h17km, 10km, n16, c1963/31, Near coast of Chiapas

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

GUC 08 22:11:48.7z.0.5, 20:71S; 69:16W, h97km, 2km, ML3.1, SJA 08 22:11:48.4z.1.0, 20:73S; 69:18W, h99km, 5km, ML3.0, MW3.6

ISCJB 08 22:11:49.1z.0.8, 20:74S; 02:69:21W, 0.09, h104km, 8km, Error ellipse: s-maj=13.4km s-min=3.9km az=179.8

ISC 08 22:11:50.3z.1.5, 20:73S; 03:69:20W, 0.07, h92km, 10km, n26, c081/49, 4C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB01, PB01, PB01, etc.

SJA 08 22:34:42.1z.4.2, 32:04S; 69:54W, h109km, 8km, ML2.8, MW3.6, Mendoza Province

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

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

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

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

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

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

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

Table with columns: PB06, IAML, 22 39 47.4, comp=Z,10nm,0.7s, BOS A Boshof, 2.90 222, I P, Pn, 22 45 57.1 -2.4, KRSC 08 23:42:11.8, 0.6, 55:78N, 162:01E, h65km, 14km, ML, 4.3

Table with columns: MSNA Messina, 4.72 30, I P, Pn, 22 46 21.1 +2.0, NEIC 08 23:42:13.5, 0.2, 55:80N, 162:02E, h62km, 2km, mb3.9/11, Error ellipse: s-maj=4.0km s-min=2.6km

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, KBG Krutoberegovo, 0.60 42, Op, ISC, 22 42 26.7 -0.1

ISC/JB 08 22:45:07.7, 0.5, 26:41S, 0:03:27:50E, 0:03, h8km, 3km, Error ellipse: s-maj=6.1km s-min=3.9km az=145.0

ISC/JB 08 23:01:00.7, 0.6, 38:71N, 0:03:43:60E, 0:06, h9km, 6km, Error ellipse: s-maj=8.0km s-min=4.2km az=27.9

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, KBG Krutoberegovo, 0.60 42, Op, ISC, 22 42 26.7 -0.1, KBR Krutoberegovo, 0.61 50, Op, Pn, 22 42 27.0 -0.1

PRE 08 22:45:08.0, 0.8, 26:42S, 27:49E, h2km, ML2.5, Error ellipse: s-maj=11.3, 1.1, 26:43S, 27:36E, h18km, 16km, MD3.5

ISC 08 23:01:00.6, 1.0, 38:73N, 0:03:43:61E, h8km, ML2.1/8, Error ellipse: s-maj=11.3, 0.6, 38:73N, 0:03:43:61E, h14km, 8km, n17, t=1504/24, Turkey

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, WDM Western Deep L, 0.05 321, Op, P, 22 45 09.2 +0.1

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, VAN Van, 0.22 233, PG, P, 23 01 05.5 0.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, KBR Krutoberegovo, 0.61 50, Op, Pn, 22 42 27.0 -0.1

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KARM Karymshinsky, RUS Russkaya, MTRV Mutnovka, etc.

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KTHA Sithira Island, AYVA Ayvalik, PRK Paraskevi, etc.

DDA 08 23:47:53.6, 35:14N-27:73E, h7km, ML3.8
IDC 08 23:47:56.9, 0.7, 35:34N-27:82E, h0km, mb3.9/16,
mb1 4.0/29, mb1mx3.9/58, mbtmp3.9/29, ML3.6/13,
MS3.4/14, Ms1 3.4/14, ms1mx3.2/46, Error ellipse:
NEIC 08 23:47:58.4, 2.1, 35:42N-0:06-27:82E:0.05, h10km, 1km,
earthModelIQ quakem/us.ans.org/earthmodel/ak135
GII 08 23:48:00.4, 0.35, 35:19N-12:12E, h1km, mb2.4/14, MD3.8/4
ISK 08 23:48:00.1, 35:47N-27:81E, h10km, ML4.0/28
THE 08 23:48:00.7, 35:51N-27:81E, h0km, 1km, ML3.6/4, Error
ellipse: s-maj=2.6km s-min=1.0km az=150.0
ATH 08 23:48:00.9, 35:58N-27:81E, h2km, 1km, ML3.7/11, Error
ellipse: s-maj=2.6km s-min=1.0km az=324.0
ISC 08 23:47:58.9, 0.35, 35:36N-0:03-27:88E:0.03, h9km, 5km,
n38, o1962/359, mb4.1/32, MS3.9/14C-3D, Dodecanese
Islands
Code Station Name Az El Phase ID Time Res
KARP Karpathos 0.61 288 P Pg 23 48 10.2 +0.5
KARP Karpathos S Sb 23 48 20.7 +0.2
KARP Karpathos 0.61 288 P Pg 23 48 10.9 +0.2

URLA Izmir 3.16 341 PN Pn 23 48 49.7 +0.9
MANT Manisa 3.17 10 P P 23 48 51.9 +2.8
MANT MANT comp=Z,1um,0.2s IAML\_P
MANT Manisa 3.17 10 Pn 23 48 46.4 -2.7
IMMV lera Moni Meta 3.18 273 P Pn 23 48 50.7 +1.7
KULA Kula-Manisa 3.21 11 PN Pn 23 48 50.9 +1.4
KHAL Kahalantali 3.27 23 P Pn 23 48 51.7 +0.7
CHOS Chios Island 3.35 335 PN Pn 23 48 52.8 +1.3
KEPZ Antfona-Kepez 3.38 62 P Pn 23 48 54.8 +2.9
KZIL AFYON-Kizoren 3.41 32 P Pn 23 48 53.9 +1.5
USAK Uak-Merkez 3.47 15 P Pn 23 48 53.9 +0.9
AKHS Akhisar 3.51 359 P Pn 23 48 54.1 +0.5
BAGO Egridir-ISP2A 3.51 41 P Pn 23 48 56.0 +2.3
ZEDA zmir-Bergama 3.65 350 P Pn 23 48 56.0 +0.5
GAZI Gazipasa 3.71 75 P Pn 23 48 57.5 +1.1
ANKY Antikythira Is 3.76 279 P Pn 23 48 58.5 +0.6
DKL Dikili 3.78 348 PN Pn 23 48 58.0 +0.7
SIMA Simav-Kutayha 3.82 13 PN Pn 23 48 58.5 +0.6
SHUT Suhut-Afyon 3.84 33 PN Pn 23 49 00.1 +1.9
GDZ Gediz 3.93 19 P Pn 23 49 00.8 +1.3
STEP BALIKESIR\_Sava 4.01 358 P Pn 23 49 01.9 +1.4

TESR Tescani 11.18 356 P Pn 23 50 40.3 +1.6
BZTS Buzias 11.29 337 P Pn 23 50 47.3 +3.4
SGRT San Giovanni R 11.44 308 P Pn 23 50 41.0 +0.8
BIZ BIZ 11.64 308 P Pn 23 50 47.3 +2.2
CORL Corleone 11.98 286 PN Pn 23 50 48.1 -1.7
BURAR Bucovina Array 12.40 352 P Pn 23 50 59.0 +3.4
BURAR Bucovina Array 12.40 352 Pn 23 50 55.7 +0.2
BLY Banja Luka 12.44 322 Pn 23 50 56.5 +0.5
VRI Vrinocastoca 12.77 305 Pn 23 50 57.2 +0.8
NRCA Norcia 13.66 307 Pn 23 51 11.2 -1.7
PSZ Piszkesteto 13.88 337 ePN Pn 23 51 23.1 -1.0
PSZ Piszkesteto 13.88 337 Pn 23 51 13.8 -2.0
GNI Gari 14.17 65 LR 23 51 03.7
GNI Gari 14.17 65 LR 23 51 03.7
GNL Gari 14.17 65 LR 23 51 03.7
KOLS Kolonicke sedl 14.18 345 ePN Pn 23 51 26.0 -1.3
MURB Monte Urbino 14.25 308 PN Pn 23 51 19.4 -1.4
KIV Kislovodsk 14.26 49 Pn 23 51 20.9 -0.1
KVAR Kislovodsk Arr 14.26 49 Pn 23 51 25.1 +4.1
KVB Khabaz 14.27 50 Pn 23 51 25.0 +4.0
KBZ Khabaz 14.27 50 Pn 23 51 25.0 +4.0
KBZ Khabaz comp=Z,0.1nm,0.3s,baz=163,slow=9.5,SNR=3-4 LR 23 57 16.6
TBGL Delisi 14.64 59 Pn 23 51 25.9 -0.1
VYHS Vyhne 14.73 336 ePN Pn 23 51 34.5 +0.9
SOKA Soboth 14.87 323 eP Pn 23 51 34.5 -0.5
TRI Trieste 14.87 318 Pn 23 51 27.7 -1.6



8d 23h

Table with columns for call letters, name, frequency, and other parameters. Includes entries like OBKA Obir, ARSA Arzberg, KEST Kesra, etc.

2013 SEP

Main table with columns for call letters, name, frequency, and other parameters. Includes entries like HFS Hagfors, AKTO Aktyubinsk, KLMR Klimovskoe, etc.

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Table with columns for call letters, name, frequency, and other parameters. Includes entries like DAT Datca, MRSB Marmaris-Mugla, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like YTitir, Dead Sea, Masada, Elena, Zfiri, etc.

NIED 09 00:04:00.36:70N:140.60E, h8km, Mw4.3 Best double couple: M3.300000...1015 NP135.355 000000; 837.000000, 1-90.000000...

IDC 09 00:04:18.9:0.5, 36:66N:140:48E, h0km, mb4.3/26, mb1.4, 4/29, mb1mx4.3/48, mbmp4.3/29, ML3.9/4, MS3.2/8, Ms1.3/2.8, ms1mx3/0.37, Error ellipse: s-maj=13.9km s-min=11.8km az=131.

BUI 09 00:04:20.3:0.0, 36:48N:140:89E, h49km, mb4.6/38, mb4.8/29, Ms3.8/23, Ms7.3/719

NEIC 09 00:04:20.7:1.3, 36:63N:0:06:140:56E:0.05, h11km, 3km, mb4.9/234, earthModelk135

ISCJB 09 00:04:20.8:0.3, 36:71N:0:02:140:54E:0.02, h19km, 2km, mb4.5/84, Error ellipse: s-maj=3.5km s-min=2.9km az=40.1

JMA 09 00:04:21.0, 36:72N:140:59E, h10km, M4.4 Broadband fault plane solution: P waves. NP135.174.000000, 868.000000, 1-86.000000... NP2344.000000, 822.000000, 1-99.000000...

JMA felt IV J1, MOS 09 00:04:21.3:1.0, 36:73N:140:49E, h25km, mb4.9/40 Error ellipse: s-maj=7.1km s-min=4.9km az=93.0

ISC 09 00:04:21.7:0.6, 36:70N:0:02:140:58E:0.03, h17km, 3km, n435, 01811/434, mb4.8/175, 16C-8D, Near east coast of northern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like JHO, JHU, JHYU, JFYU, etc.

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

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

9d 0h

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like INK, DAK, CHGR, ARU, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like RYN, KVN, NVAR, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like AGMN, PV17, PV16, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PAOL, MSTX, AMTX, JFWS, JFWS, JFWS, L40A, TIP, G45A, GLMI, WMOK, WMOK, HDIL, L46A, TUL1, TX31, TX32, TXAR, ABTX, HHAR, U40A, JCT, JCT, JCT, MEDO, MIAR, MIAR, ERPA, J56A, ACSC, T47A, ETX02, R50A, ESDC, LPAZ, LPAZ.

ISK 09 00:14:43.9,37:39N,36:27E,h4km,ML2.4/10
DDA 09 00:14:43.9,37:39N,36:27E,h7km,3km,ML2.9
ISC 09 00:14:44.6,1.37:33N,0.03:36:27E,0.03,h5km,6km,
Error ellipse: s-maj=5.4km s-min=4.2km az=15.6
ISC 09 00:14:44.6,1.37:33N,0.03:36:27E,0.03,h9km,11km,
n23,-0582/29,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ANDN, KAMA, HCB, CEYT, KMRS, SAIM, YURE, GAZ, KUZU, KARAT, YAHY, ELBS, MERS, BNN, DARE, KERG, SURC, MALI, URFA, SVRC.

ISK 09 00:18:37.3,37:35N,37:10E,h5km,ML1.5/6
DDA 09 00:18:37.3,37:35N,37:14E,h7km,1km,ML2.6
ISC 09 00:18:37.9,0.9,37:35N,0.04:37:14E,0.03,h9km,8km,
n14,-0552/21,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HCB, GAZ, KMRS, GZT, KAMA, KUZU, ANDN, SAIM, DARE, SURC.

Table with columns: SURC, IAML\_P. Includes stations like URFA, MALI, SANLI, SANL, BNN.

DDA 09 00:19:08.0,39:64N,38:77E,h7km,3km,ML1.8,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like REFA, REFA, REFA, KEMA, KEMA, KEMA, KELT, KELT, CUKAN.

GCMT 09 00:40:03.9,0.2,13:18N,0.01:90:06W,0.02,h55km,
MW5.1/103, Moment Tensor Solution. s98,c137;
s103,c154; Duration: 0 Moment tensor: Scale 10^16Nm;
Mn:4.80e-12; Mm:4.18e-09; Mz:0.62e-11; Mo:0.62e-08;
Mx:2.13e-07; My:0.74e-08; Best double couple:
Ms:0.99100x10^16 NP1:0.120,00000,0,551,000000,
7.96,000000; NP2:0.290,00000,0,840,00000,1.83,000000;
Principal axes: T: 4.9190, P: 0.830000, Azm:60.0000;
0.3459, P1gs:0000; Azm296.0000; P: -5.2640, P1gs:0000;
Azm205.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

SNET 09 00:40:04.7,1.0,13:30N,89:88W,h50km,7km,ML4.9
BUJ 09 00:40:04.9,0.0,13:30N,89:80W,h71km,mB5.2/2,
Ms5.2/5, Ms7.4/8
ISCJB 09 00:40:05.7,0.2,13:40N,0.02:89:75W,0.02,h77km,2km,
mb4.4/34, Error ellipse: s-maj=3.3km s-min=2.3km
az=31.8

ICD 09 00:40:05.4,0.4,13:69N,89:12W,h54km,3km,mb4.2/29,
mb1.4,3/29,mb1mx4.2/37,mbtmp4.4/29,MS4.1/32,
Ms1.4,1/32,ms1mx4.1/34, Error ellipse: s-maj=15.6km
s-min=5.9km az=48.0

NEIC 09 00:40:06.6,1.4,13:33N,0.06:89:77W,0.06,h68km,4km,
mb4.9/18,Mwr5.0,Md4.4(MEX),Md4.9(SNET),Moment
Tensor Solution. Moment tensor: Scale 10^16Nm;
Mn:1.25; Mm:-0.77; Mz:0.49; Ms:2.97; Mo:0.09; Msr:-1.12;
Fault plane solution: Ms:3.36000x10^16 NP1:
0.270,00000,0,879,00000,1.71,310000; NP2:0.109,36000,
0,815,00000,1.92,890000; Principal axes: T: 3.6073,
P1gs:0.0000; Azm23.0000; N: -0.5756, P1gs:0.0000;
Azm289.0000; P: -0.3317, P1gs:0.0000; Azm197.0000;
0.3459, P1gs:0000; Azm296.0000; P: -5.2640, P1gs:0000;
Azm205.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

MEX 09 00:40:06.9,0.5,13:04N,90:19W,h18km,12km,Md4.4
GCG 09 00:40:09.3,0.8,13:54N,90:03W,h40km,8km,Md5.1
ISC 09 00:40:04.7,0.4,13:33N,0.04:89:82W,0.03,h58km,3km,
h58km;pp-P,n980,0,1925/961,mb4.9/204,MS4.2/37,El
Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LALI, CEVE, SBLS, SNJE, RTR, UUES, LOMA, OPAM, UDSS, MIOY, COEG, IXG, IXC, MTO3, ALJI, COEB, PCG, NBG, FUG, JUCU, FAGO, APR, MRL, APG, ERG, STG3, TGUH, THIG, THIG, THIG, CCIG, CCIG, CCIG, PCIG, PCIG, PCIG, TGIG, TGIG, TGIG, JTS, JTS, JTS, JTS, CMIG, HEIG, TEIG, TEIG, TLIG, FSCY, BCIP, BCIP, BCIP, MOIG, MTJD, PAYG, 062Z, SJCC, SJCC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like 061Z, 061Z, 059Z, ZAIG, GTBY, 058A, 060Z, ZARC, ZARC, 059A, 059A, KVTX, KVTX, YOTC, YOTC, 060A, 060A, GUY2C, GUY2C, 959A, 959A, RREF, RREF, PTBC, PTBC, NORC, NORC, DWPF, DWPF, SOTA, SOTA, ORTC, ORTC, PCON, PCON, OTAV, OTAV, SPNC, SPNC, 656A, 656A, 833A, 833A, HKT, HKT, ROSC, ROSC, ROSC, ROSC, PRAC, PRAC, 451A, 451A, BARC, BARC, PAMC, PAMC, 658A, 658A, BRAL, BRAL, BRAL, BRAL, RUSC, RUSC, CHIC, CHIC, 453A, 453A, 453A, 557A, 557A, 454A, 454A, FLOC, FLOC, 455A, 455A, 352A, 352A, 352A, SDDR, SDDR, 456A, 456A, 435B, 435B, 435B, VBMS, VBMS, 250A, 250A, NATX, NATX, NATX, TIGA, TIGA, TIGA, 355A, 355A, 252A, 252A, 356A, 356A, MACC, MACC, MACC, MACC, SDV, SDV, SDV, SDV, 253A, 253A.

9d 0h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like JCT, 254A, 357A, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like W51A, JSC, Y57A, etc.

562

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like MSTX, T47A, U52A, etc.





Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like Villa Florida, Huala, Yellowknife Ar, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like FUG, MRL, STG3, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like KRNET, ARSB, AML, etc.



AB31 Akbulak array 15.08 331 P 01 36 002 +0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for IDC 09 01:44:16.3, 0.8, 5.99N, 126.32E, h0km, mb3.9/8, mb1 4.1/8, mb1mx3.7/33, mbtmp3.9/8, Error ellipse: s-maj=63.5km s-min=17.4km az=74.0, ISC 09 01:44:18.0, 0.8, 6.0N, 0.2, 126.7E, 0.3, h10km, n12, r125/12, mb3.9/8, 2D, Mindanao

TIR 09 02:16:58.3, 40.82N, 22.66E, h6km, Md3.4/9
BEO 09 02:16:58.4, 0.6, 40.70N, 22.95E, h6km, ML2.9/13
ISCJB 09 02:16:59.3, 0.40, 86N, 0.01, 22.78E, 0.02, h0km, 3km, mb3.4/2, Error ellipse: s-maj=2.2km s-min=2.0km az=21.6
SOF 09 02:16:59.0, 40.86N, 22.78E, h5km
SKO 09 02:16:59.5, 40.85N, 22.77E, h12km, M3.3, ML3.8
ATH 09 02:16:59.4, 40.84N, 22.76E, h18km, 1km, ML3.3/13, Error ellipse: s-maj=1.6km s-min=0.8km az=10.0
THE 09 02:17:00.0, 40.85N, 22.78E, h13km, 1km, ML3.3/11, Error ellipse: s-maj=1.1km s-min=0.6km az=34.0
IDC 09 02:17:00.4, 0.7, 40.61N, 22.84E, h0km, mb3.2/3, mb1 3.3/5, mb1mx3.2/44, mbtmp3.1/5, ML3.2/2, MS2.8/3, Ms1 2.8/3, ms1mx2.4/11, Error ellipse: s-maj=17.7km s-min=9.3km az=4.0

Main table for 9d 3h section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THESSALONIKI, GRIVA, KENDRIKON, etc.

Main table for 2013 SEP section with columns: OUR, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OURANOPOLIS, KUPNIK, PAIGALI, etc.

Table with columns: BLY, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BANJA LUKA, KJEVO, PLOSTINA, etc.

MAN 09 02:35:29.6, 13.86N, 120.43E, h97km, mb4.1, ML3.8, MS2.5, 1D, Mindoro

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

ISCJB 09 02:39:45.2, 0.9, 4.3S, 0.1, 152.97E, 0.08, h55km, mb3.8/6, MS3.2/1, Error ellipse: s-maj=18.6km s-min=11.2km az=0.0
IDC 09 02:39:46.9, 1.8, 4.3S, 152.91E, h51km, 14km, mb3.7/6, mb1 3.9/6, mb1mx3.5/29, mbtmp3.6/26, MS3.1/2, Ms1 3.1/2, ms1mx2.6/21, Error ellipse: s-maj=23.0km s-min=15.4km az=150.0

ISC 09 02:39:47.0, 0.8, 4.3S, 0.1, 152.91E, 0.10, h55km, n21, r074/16, mb3.9/6, New Britain region

Main table for 2013 SEP section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT, HNR, DZM, WRA, etc.

ISCJB 09 03:18:24.5, 0.9, 11.53N, 0.08, 86.41W, 0.07, h84km, 17km, Error ellipse: s-maj=16.5km s-min=4.6km az=42.4

UCR 09 03:18:25.8, 1.5, 11.57N, 86.31W, h21km, 7km, MW3.7
SNET 09 03:18:26.9, 0.9, 11.55N, 86.54W, h56km, 4km, ML3.3
ISC 09 03:18:25.5, 1.5, 11.54N, 0.07, 86.38W, 0.07, h73km, 20km, n18, r070/25, 4d, Near coast of Nicaragua

Main table for 2013 SEP section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like XAVN, COPALTEPE, MOMMOTOMO, etc.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DL2, STKI, ZAK, MDSI, KK31, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAK, YSS, YAK, GROC, RAYN, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAR, ASAR, VRI, PLOK, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUJ, IDC, TEH, AZER, etc.

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

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

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

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

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

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

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

Table of astronomical observations for 9d 4h, listing object names (e.g., GEYT, GYAOB, GYAOB), coordinates, and various parameters.

Table of astronomical observations for 2013 SEP, listing object names (e.g., VRI, KIRV, KIRV, PLOAR), coordinates, and various parameters.

Table of astronomical observations for 2013 SEP, listing object names (e.g., TIP, ARSA, ARSBERG), coordinates, and various parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various numerical values. Includes stations like CMAR Chiang Mai Arr, TOAD Torodi Arr, SUMG Summit, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various numerical values. Includes stations like APG 1.4nm,0.3s,baz=15,slow=19,SNR=5.4, APG 0.7nm,0.3s,baz=1.3,slow=18,SNR=3.7, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various numerical values. Includes stations like 254A Abbeville, PLAL Pickwick Lake, Z52A Wilson, etc.

ISCJB 09 04:43:35.8-0.6, 16.53N-0.04-98.18W-0.02, h39km, 4km, mb4.0/11, MS4.0/22, Error ellipse: s-maj=6.9km s-min=2.8km az=15.2
MEX 09 04:43:35.8-0.9, 16.24N-98.31W, h25km, 18km, MD4.6
NEIC 09 04:43:37.6-2.4, 16.36N-0.07-98.30W-0.07, h45km, 7km, earthModellD quakeml.us.anss.org/earthmodell/ak135
IDC 09 04:43:37.7-4.8, 16.62N-98.15W, h33km, 33km, mb3.8/10, mb1.4/0.16, mb1mx3.8/42, mbtmp3.9/16, ML3.6/6, MS3.9/24, Ms1.3/9.24, ms1mx3.9/28, Error ellipse: s-maj=35.6km s-min=13.3km az=37.0
GCMT 09 04:43:37.8-0.5, 16.45N-0.03-98.22W-0.04, h31km, 1km, MW4.8/67, Moment Tensor Solution. s20.c22: s67.c89; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.83±.15; Mw-1.38±.09; Mo-0.44±.08; Mo1.22±.09; Mo2.02±.15; Mw-0.77±.10; Best double couple: Ms2.16600x10^16 NP1.39±115.00000°, s66.00000°, s97.00000°. NP2: s277.00000°, s25.00000°, s74.00000°. Principal axes: T 2.3970, Plg68.0000°, Azm39.0000°; N -0.4620, Plg7.0000°, Azm292.0000°; P -1.9340, Plg20.0000°, Azm199.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function.
ISC 09 04:43:36.6-2.2, 16.45N-0.07-98.25W-0.04, h33km, 13km, n483, r122/1438, mb4.5/85, MS3.9/22, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various numerical values. Includes stations like TLIG Tlapa, TLIG Tlapa, TLIG Tlapa, etc.



Table with columns: NEW, Newport, 35.30 338 P, P, 04 50 28.1 -0.6, etc. Includes stations like D03D Eldon, LPAZ La Paz, SCHQ Schefferville, etc.

ISCJB 09 05:52.0-0.2, 161.49N, 0106.94-1.7W, 0.03 h, 104km, 9km, Error ellipse: s-maj=9.8km s-min=5.0km az=10.2

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

NSSC 09 05:14.52-0.3, 33.84N, 35.66E, h12km, 2km, ML 1.8

ISCJB 09 05:14.54-0.9, 33.80N, 0105.35-7.4E, 0.07 h, 10km, 10km, Error ellipse: s-maj=9.9km s-min=6.8km az=152.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like BHL Bhanes, DQRL Dhan R Gamar, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like PETK Petropavlovsk, PEAI Petropavlovsk, CN2 Changchun, etc.





Table with columns for station name, frequency, mode, and signal strength. Includes stations like Uglegorsk, Kuril'sk, Severo-Kuril's, Tuman, and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Kizimen, Mys Kozlova, Sredinnyy, Magadan, and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LZH, CAST, ENH, OHAK, BPAW, MLY, KTH, KDAD, and others.

9d 7h

Table of radio stations including call signs (MK31, MK32, etc.), frequencies, and other technical details.

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Main table of radio stations with call signs, frequencies, and technical specifications for various stations like YKA, YKR8, JIRN, etc.

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Table of radio stations including call signs (DLMT, MCMT, etc.), frequencies, and technical details for stations in the 576 area.







Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include V56A Mocksville, X60A Albert Glenn T, U54A Nelson Funny, U54A Nelsons Funny, TS2A Halle, S49A Springfield, TS3A Wise, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, V57A Coltrane Farms, U55A TA2 Sparta, S50A Richmond, WCI Wyandotte Cave, WCI Wyandotte Cave, U56A King, V58A Windy Hill, Pi, V58A Windy Hill, Pi, S51A Beattyville, S51A Beattyville, TS4A Tazewell, R49A Shelbyville, R50A Paris, U57A Blanch, S53A Williamson, KSU1 Kansas State U, R51A Hillsboro, BLA Blacksburg, Q48A North Vernon, U58A Oxford, S54A Dingess, Beckl, TS7A Hurt, U59A Littleton, P46A Rosedale, S55A Lewisburg, R53A Hurricane, V61A Roper, TS8A Grand View Acr, P48A Milroy, R54A Victor, Q51A Peebles, Q51A Peebles, O44A Mansfield, Q52A Bidwell, TS9A Double "B" Far, U61A Possum Corner, R55A Marlinton, Q53A Leroy, P50A Jamestown, SFIN Lafayette, S58A Poland Farm, P, Q54A Cox Mills, R56A Bull Pasture M, O48A Farmland, O49A Covington, R57A Stanardsville, P53A Whipple, MVCO Mesa Verde, MVCO Mesa Verde, ACSO Aluma Creek Sta, Q24A Divide, N47A Urbana, O51A Pataskala, N48A Decatur, M44A Midewin, Midew, P54A Burton, O52A Adamsville, N49A Columbus Grove, N48A Glamis, PV12 Saucer Basin, M51A Elyria, P58A Pank, Wackersv, N48A N Adams, N54A Moraine State, SSPA Standing Stone, KNB Kanab, MSU Marysvalle, P58A Price's Panora, PAL Palisades, L58A Harry Jones Me, K56A Middlesex, MEDO Medina, PDAR Pinedale Array, PDAR Pinedale Array, J57A Williamstown

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include H53A Bobcaygeon, SADO Sadowa, KLBO Killebuck Provi, DELO Deloro Mine, J59A Plesco, I58A Old Forge, BUKO Buck Lake, SNOW Snow King Moun, D46A Sault St. Mari, P49V Pluv, MDPB Devils Postpil, NVAR Mina Array Bea, NVAR Dumoine, NVAR Algonquin Park, PEMO Pembroke, ORIO Orleans, Innes, F53A Otter Lake, E55A Dumoine, Pontl, YERR Yerington, D50A G1974 Best Tow, E54A Lac Daplat, Po, ALFO Alfred, VCNR Virginia City, D53A Lac Vachive, Po, E56A St. Veronique, D54A Lac Fusel, La, D55A Sainte-Anne-du, ULM Lac du Bonnet, E61A Lachemin, SAML Samuel, M04C Macdoel, I07A Ize, CHGQ Chibougamau, LPAZ La Paz, G05D Wamic, I03D Drain, OR, F05D White Salmon, D04E Lakebay, B05A Bryant, A04D Lummi Island, SIV San Ignacio, SIV, SCHO Schefferville, BBB Bella Bella, YKA Yellowknife Ar, BCAR Beaver Creek A, HDAR Harding Lake, ILAR Eielson Array, ILAR Eielson Array, EMAR Burnt Mountain, ILY Y, TOLK Toolik Lake Re, NOA NORARS Array B, ARCES ARCES Array B, DBIC Dimbokro, FINES FINESS Array B, LZH Lanzhou, WRA Warramunga Arr, CMAR Chiang Mai Arr, NIED 09 09:19:00, 42.20N, 138.90E, h250km, Mw3.9 Best double couple, M8.10000E-1014, NP1.68.00000E, delta 13.00000, lambda 165.00000, NP2.173.00000, delta 7.00000, ISJCJB 09 09:19:07.02, 4.2, 13N, 104.138, 138E, 0.07, h238km, 3km, mb3.7/12, Error ellipse: s-maj=8.4km, s-min=6.1km, az=21.6, IDC 09 09:19:07.4, 1.0, 42.16N, 138.84E, h227km, 9km, mb3.4/12, mb1.3/7.16, mb1mx3.4/42, mbtmp4.0/16, Error ellipse: s-maj=16.6km, s-min=10.0km, az=158.0, JMA 09 09:19:08.0, 0.7, 42.16N, 138.90E, h231km, 1km, M3.5, ISC 09 09:19:08.0, 0.7, 42.16N, 138.92E, 0.06, h234km, 6km, n38, -0.63/5.1, mb3.8/12, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Rows include JKK2 Kamakawa 2, JKK2 JCH, JCH Churui, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Kaneyama, JYK Kaneyama, USRK Utsuriyaki Ar, MJAR Matsushiro Arr, KRSR Korea Array, SEY Seymchan, SONM Songino Array, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Ar, WRA Warramunga Arr, NEW Newport, AKASC Malin Array, NVAR Mina Array Bea, PDAR Pinedale Array, TXAR Lajitas Array, PDG 09 09:21:56.8, 0.2, 44.11N, 16.50E, h9km, ML3.1/13, Error ellipse: s-maj=0.4km, s-min=0.7km, az=0.0, SAR 09 09:21:58.1, 0.3, 44.12N, 16.59E, h5km, 1km, ML2.8/1, MEO 09 09:21:58.0, 0.3, 44.13N, 16.52E, h9km, ML2.7/14, ISC 09 09:21:56.7, 1.0, 44.10N, 0.02, 16.54E, 0.02, h5km, 8km, n92, -c114/160, 7C-18N, Northwestern Balkan Peninsula

Table with columns: MORH, MORH Mrgy, Hungary, 2.59 34 ePn, Sn, 09 23 11.8 +0.7, etc.

Table with columns: NIBG, Las Nubes, 1.72 324 eP, Pn, 09 57 53.0 +0.9, etc.

Table with columns: PASC, Pasadena Art C, 1.98 192 Pn, Pn, 10 32 51.8 +1.7, etc.

ISC/JB 09 09:41:49.0, 1.2, 14.23N, 0.10:92.06W, 0.07, h56km, 13km, Error ellipse: s-maj=18.7km s-min=5.1km az=32.0

ANF 09 10:32:15.7, 0.1, 36.12N, 117.69W, h9km, 1km, ML2.9/25, ML2.9/25, Error ellipse: s-maj=0.8km s-min=0.7km az=24.0

NIED 09 10:49:07.37, 80N, 143.70E, h8km, Mw3.4 Best double couple: M1.51000x10^14 NP1.3400000, 838.00000, lambda=56.00000, NP2.0174.00000, 659.00000, lambda=113.00000

GCG 09 09:41:50.6, 0.6, 14.44N, 91.88W, h67km, 4km, MD3.5 SNET 09 09:41:50.9, 0.9, 14.36N, 91.88W, h54km, 6km, MD3.6 MEX 09 09:41:50.4, 0.6, 14.18N, 92.02W, h21km, 20km, MD3.8

SCED 09 10:32:16.2, 36.12N, 117.69W, h1km, 1km, ISC 09 10:32:16.4, 0.9, 36.11N, 0.02:117.68W, 0.02, h9km, 8km, n56, c1503/83, California-Nevada border region

NIED 09 10:50:41.00, 41.00N, 139.20E, h11km, Mw3.3 Best double couple: M1.14000x10^14 NP1.0500000, 844.00000, 789.00000, NP2.0188.00000, 846.00000, lambda=191.00000

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.

GCG 09 09:57:12.7, 0.3, 12.40N, 88.96W, h67km, 56km, MD4.4 SNET 09 09:57:22.8, 1.2, 13.16N, 89.30W, h62km, 6km, ML4.2

SHOC Shoshone, Teco, 1.16 100 P, Pn, 10 32 38.0 +0.7

ISK 09 10:53:35.7, 39.33N, 26.08E, h4km, ML2.3/14 ATH 09 10:53:35.9, 39.32N, 26.10E, h18km, 3km, ML2.5/4, Error ellipse: s-maj=3.6km s-min=1.5km az=161.0

NEIC 09 09:57:24.6, 1.6, 13.21N, 0.08:89.27W, 0.04, h67km, 14km, mb4, 1/5, Md4.3(MEX), Md4.2(SNET), earthModelID quakeml.us.anss.org/earthmodel/ak135

YES Vestal, Richgr, 1.17 257 P, Pn, 10 32 37.9 -0.9

ISC/JB 09 10:53:36.0, 4.0, 39.33N, 0.02:26.07E, 0.03, h6km, 3km, Error ellipse: s-maj=3.4km s-min=3.0km az=163.9 THE 09 10:53:36.2, 39.32N, 26.06E, h12km, 1km, ML2.3/6, Error ellipse: s-maj=1.1km s-min=0.6km az=121.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.



Table with columns: FOCM, Foa, 0.81 140, PG, Pp, 10 53 51.2 -0.5, etc. Includes stations like Karaburun, Agios Efstrati, Psara, Limnos Island, Chios Island, etc.

ISCJB 09 11:03:24.5-1.1, 14.24N:0.09-92.15W:0.06, h64km, 12km, Error ellipse: s-maj=17.9km s-min=4.8km az=32.7

Table with columns: Code, Station Name, Delta AZ, Phase ID, Time, Res. Includes stations like Entre ros, C, Fuego 3, Ixpaco, etc.

ROM 09 11:18:04.6-0.1, 38.091N:0.005-14.922E:0.005, h14km, ML1.3/5, Sicily

Table with columns: Code, Station Name, Delta AZ, Phase ID, Time, Res. Includes stations like Ucria, Capo d'Orlando, Monte Soro, San Fratello, etc.

Table with columns: MSFR, comp=N,66um,0.3s, AML, AML, etc. Includes stations like Vulcano Piano, Castanea, etc.

BUI 09 11:18:52.4-0.0, 37.73N:19.97E, h10km, mb4.7/11, mB4.9/10, Ms5.0/1, Ms7.4/71, etc.

ISC 09 11:18:57.4-0.9, 37.79N:0.02-20.31E:0.03, h20km, 3km, n269, e168/331, mb4.3/24, MS3.0/13, 16C-11D, Ionian Sea

Table with columns: Code, Station Name, Delta AZ, Phase ID, Time, Res. Includes stations like Volimes, Zakynthos, Valsamata, Anninata, Fiskardo, etc.

Table with columns: ITM, Ithomi, 1.43 115, P, Pb, 11 19 23.5 +0.2, etc. Includes stations like Ithomi, Pylos, Aigio, Kalavryta, etc.

Table of astronomical observations for 2013 SEP, listing stations like FRGS, GOLH, NRCA, SLUM, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations like TOAO, TORO, TORI, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations like FDMO, SSFR, PIEI, etc., with columns for station name, coordinates, and observation details.

quakeml:us.ans.org/earthmodel/ak135
NDI 09 11:58:17.6:2.5,27.20N:92.47E,h10km,ML4.6,mb4.5(NEIC)
ISCJB 09 11:58:18.3:0.7,27.16N:02.92:41E=0.02,h32km,5km,mb4.4/50,MS3.3/17,Error ellipse: s-maj=4.1, s-min=2.8km az=10.8
MOS 09 11:58:18.6:1.3,27.13N:92.45E,h33km,mb4.7/27,Error ellipse: s-maj=9.7km s-min=5.1km az=120.2
BUJ 09 11:58:18.9:0.0,27.34N:92.51E,h25km,mb4.5/34,mb4.4/24,ML4.5/6,Ms4.0/31,Ms7.3/26
ISC 09 11:58:17.7:1.4,27.20N:0.03:92.44E=0.03,h17km,gkm,m222.1875,236,mb4.5/36,MS3.2/17,15C-6D,Eastern

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

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

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









Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like W52A, KIRV, P57A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Z54A, Y55A, X56A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KWP, TBI, MTN, etc.



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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMU Guam, JCMO Chichijima, JCIJ Chichijima, etc.

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

IDD 09 13:41:19.8-0.7, 16.95N; 147.37E, h0km, mb3.9/13, mb1.4 1/15, mb1mx3.8/46, mbimp3.9/15, ML4.2/2, MS3.0/1, Ms1.3/0.1, ms1mx2.3/36, Error ellipse: s-maj=22.8km s-min=14.3km az=86.0

ATH 09 13:42:45.6, 37.40N-26.91E, h23km, 1km, ML3.4/13, Error ellipse: s-maj=1.2km s-min=0.8km az=90.0

ISCJB 09 13:46:31.9-1.2, 14.42N-0.10E, h12km, 13km, Error ellipse: s-maj=18.9km s-min=5.8km az=30.9

Table with columns: CCIG, TGIG, TGIG, CMIG, Matias Romero. Includes station names and numerical values.

ISCJB 09 13:47:44.4-0.5, 141.13S:0.06:72.84W:0.07, h86km, Error ellipse: s-maj=11.1km s-min=6.4km az=135.8

NEIC 09 13:47:45.6-2.4, 14.08S:0.08:72.90W:0.08, h86km, n26, q4kemi.us.anss.org/earthmodel/ak135

Main table for station data in the top-left section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC.

Table for station data under the heading 'TRN 09 13:54:03.8, 10.44N-61.62W, h42km, MD3.8, Trinidad', including station names like TPP, TBH, GUVI, etc.

Table for station data under the heading 'KRSC 09 13:59:35.1, 3.4793N-156.15E, h79km, 35km, ML4.0, East of Kuril Islands', including station names like SKR, SKR, PAU, etc.

Table for station data under the heading 'ISC 09 14:07:08.2-0.9, 50.5N-0.2:177.58E:0.08, h30km, n46, o583/45, mb3.6/12, MS2.7/4, Rat Islands', including station names like GAEA, TANO, TASE, etc.

Main table for station data in the top-middle section, including station names like GSGI, ATKA, KOWE, etc.

NNC 09 14:16:46.3-0.7, 50.22N-73.64E, h0km, mb3.6, mpv3.4, 4C-3D, Error ellipse: s-maj=7.0km s-min=5.4km az=47.0, Suspected Mining explosion., Central Kazakhstan

Main table for station data in the top-right section, including station names like DALY, DALY, DALY, etc.

ATH 09 14:19:58.7, 37.44N-26.92E, h24km, 1km, ML3.2/10, Error ellipse: s-maj=1.3km s-min=0.8km az=22.0

ISCJB 09 14:19:59.2, 0.4, 37.43N-0.01:26.88E:0.02, h4km, 3km, Error ellipse: s-maj=2.9km s-min=2.3km az=152.4

DDA 09 14:19:59.7, 37.45N-26.99E, h21km, 1km, ML3.5, Error ellipse: s-maj=1.8km s-min=0.6km az=96.0

ISC 09 14:19:59.1, 37.42N-26.90E, h6km, ML3.4/27, Error ellipse: s-maj=1.7km s-min=1.1km az=117.7, Dodecanese Islands

Main table for station data in the bottom-middle section, including station names like DIDI, SMG, SMG, etc.

Main table for station data in the bottom-right section, including station names like AMGA, AMGA, AMGA, etc.

ISCJB 09 14:21:29.6-0.6, 1.89N:0.05:127.41E:0.09, h112km, mb3.7/7, Error ellipse: s-maj=12.5km s-min=6.2km az=166.1

DJA 09 14:21:32.6-0.7, 2.3N:3.12E:1.7E, h107km, 10km, M4.4/9, mb4.3/3, mb5.1/3, MLV4-4/9, MW(MJ)4.5/3

ISC 09 14:21:32.5-2.8, 1.74N-127.44E, h127km, 28km, mb3.4/7, mb1.5/9, mb1mx3.3/33, mb1mp3.8/9, MS3.3/1, Ms1 3.3/1, ms1mx2.3/23, Error ellipse: s-maj=37.2km s-min=13.6km az=86.0

ISC 09 14:21:31.2-0.8, 1.80N:0.05:127.21E:0.08, h112km, n17, o581/22, mb3.8/7, Halmahera

Main table for station data in the bottom-right section, including station names like TINTI, LBMI, SGSI, etc.







595 2013 SEP 19d 15h

Table of satellite observations for station 595, listing parameters like name, coordinates, time, and signal strength.

Table of satellite observations for station 2013 SEP, listing parameters like name, coordinates, time, and signal strength.

Table of satellite observations for station 19d 15h, listing parameters like name, coordinates, time, and signal strength.

ISCJB 09 15:41:11.4 ± 1.3, 32.3S; 0.1x178.7W; 0.2, h96km, mb4.2/4, Error ellipse: s-maj=28.4km s-min=8.7km az=27.3

IDC 09 15:41:11.1 ± 1.0, 2.3, 32.29S; 179.03W; h60km, mb4.0/4, m1.4, 2/6, m1bm3, 7.39, mbmp4.9, ML4.1/2, Error ellipse: s-maj=27.5km s-min=16.0km az=106.0

NEIC 09 15:41:13.3 ± 0.8, 32.03S; 0.09x178.89W; 0.08, h88km, gkm, mb4.7/6, earthModelID quakemi.us.anss.org/earthmodel/ak135

ISC 09 15:41:13.5 ± 0.9, 32.07S; 0.10x179.00W; 0.2, h96km, n19, α194/19, mb4.5/6, South of Kermadec Islands

Table with 13 columns: Code, Station Name, Az, A, Z, Phase ID, Time, Res, ISC, h, s, ISC, Time, Res, ISC. Lists stations like RAO Raoul Island, OUZ Ohautua, URZ Urewera, etc.



Table of astronomical observations with columns for object name (e.g., LTX, TXAR, MK31), date and time (e.g., 96.20 61), coordinates, and observation status (e.g., PKKP, PKP).

Table of astronomical observations with columns for object name (e.g., HASLJ, FIESA, MUGIO), date and time (e.g., 143.60 336), coordinates, and observation status (e.g., PKP, PKPb).

ISCJB 09 16:22:10.1z2.1, 14:3N.0:1.92:19W:0:07,h32km,9km, Error ellipse: s-maj=21.6km s-min=5.8km az=26.7

MEX 09 16:22:10.4 0.6, 14:32N:92.17W,h6km,55km,MD3.8 GCG 09 16:22:11.4 0.3, 15:23N:91.74W,h5km,32km,MD3.6

ISC 09 16:22:11.5z2.3, 14:5N.0:1.92:09W:0:07,h24km,16km,n7, =1343/13,Near coast of Chiapas

Table of astronomical observations with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residual (e.g., THIG, THIG, STG3).

IDC 09 16:30:59.7z0.4, 10:69S:164:76E,h0km,mb4.8/23, mb1 4.9/26,mb1mx4.9/31,mbmp4.8/26,MLS\_3,MS4\_4/26,

M01 4.4/26,mb1mx4.4/28,Error ellipse: s-maj=15.0km s-min=12.4km az=88.0 BUJ 09 16:31:03.2z0.0, 10:46S:164:55E,h14km,mb5.1/61,

M05 2/42,MS4\_9/53,MS7 4/6/52 MOS 09 16:31:03.7z0.9, 10:65S:164:63E,h35km,mb5.3/17, MS4\_7/4, Error ellipse: s-maj=8.5km s-min=7.1km

GCMT 09 16:31:03.4z0.2, 10:78S:0:02:164:80E:0:02,h31km,1km, MW5\_1/92, Moment Tensor Solution, ss2,c72: ss2,c130:

Duration: 0 Moment tensor: Scale 10^10Nm; Mr=2.99z20; Mw=2.17z11; Mww=0.81z13; Mw=4.50z28; Mw=2.31z11; Mw=2.56z21; Best double couple: Mg6.225000x10^16 Np1.3e60.00000, d73.00000, l1.8e5.00000. NP2: e=2.2300000, d17.00000, l1.10e0.00000. Principal axes: T 6.65300, Plg28.00000, Azm146.00000; N -0.85700, Plg5.00000, Azm238.00000; P -5.79700, Plg61.00000, Azm337.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISCJB 09 16:31:04.5z0.1, 10:71S:0:03:164:68E:0:03,h41km, mb5.0/85,MS4\_5/40, Error ellipse: s-maj=4.2km s-min=3.5km az=161.8

NEIC 09 16:31:05.4z1.4, 10:68S:0:07:164:78E:0:07,h36km,4km, mw5.1/137, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 09 16:31:01.6z0.9, 10:71S:0:04:164:81E:0:05,h10km,5km, n412, e133/434, mb5.2/127, MS4\_5/41, 5C-7D, Santa Cruz Islands region

Table of astronomical observations with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residual (e.g., HNR, HNR, HNR).

Table of astronomical observations with columns for object name (e.g., CMSA, H11S2, H11S3), date and time (e.g., 27.25 218), coordinates, and observation status (e.g., P, P, P).



2013 SEP

9d 16h

Table of flight data for the first column. Columns include flight number, destination, arrival time, status (eP, pmax), and performance metrics (16.41, 16.22, etc.).

Table of flight data for the second column. Columns include flight number, destination, arrival time, status (ScS, SKIKP), and performance metrics (16.52, 16.44, etc.).

Table of flight data for the third column. Columns include flight number, destination, arrival time, status (CAST), and performance metrics (80.91, 81.34, etc.).





Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Remarks. Includes stations like Lanzhou, Seymchan, Gambell, Yakutsk, Songino Array, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Remarks. Includes stations like Mawson, Forest Hills D, GUN Gumba, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Remarks. Includes stations like KSH, TXAR, SNA, etc.

SJA 09 17:09:43.5±0.8, 20:27S;69°11'W, h92km, 4km, ML2.7, MW3.6

GUC 09 17:09:43.6±0.7, 20:22S;69°11'W, h94km, 3km, ML2.5

ISCJB 09 17:09:43.0±0.7, 20:22S;03:03:69°14'W, 0.08, h101km, 7km, Error ellipse: s-maj=12.8km s-min=4.3km az=173.4

ISC 09 17:09:46.9±1.5, 20:24S;03:03:69°22'W, 0.07, h78km, 8km, n27, r146/49, 8C-1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and Remarks. Lists various IPOC and PISC stations.

MAN 09 17:16:59.8, 13:68N;120:36E, h9km, mb4.0, ML2.7, MS2.3, ID, Mindoro

DJA 09 17:16:28.1±0.7, 6°S;8°12'6E, h193km, 28km, M4, 6/7, mb4.5/7, mb5.0/6, MLV4, 8/6, MW(mB)4, 3/6, MWp5.6/1

az=146.5
NEIC 09 17:17:05.8,-1.6,8.3S,0.1x123:9E,0.1,h181km,6km,
mb4.2/5,earthModelID
quakeml:us.anss.org/earthmodel/ak135
IDC 09 17:17:06.1,-1.7,8.2OS:123:83E,h174km,22km,mb3.6/8,
m1 3.6/10,mb1mx3.4/30,mbtmp4.0/10,MS3.9/2,
M1 3.9/2,ms1mx2.9/31,Error ellipse: s-maj=44.2km
s-min=19.5km az=56.0
ISC 09 17:17:06.9,-0.5,8.48S:0.07:123:97E:0.08,h200km,n48,
c23:25.0,mb3.9/9, Flores region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for various locations like SOEI, MMRI, BATI, WRA, WRAB, etc.

MEX 09 17:20:59.0,6.15:17N:93:90W,h18km,196km,MD3.9,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like PCIG, TGIG, CCIG, etc.

SJA 09 17:34:20.7,0.6,19:87S:69:51W,h121km,3km,ML2.8,
MW3.0
ISCJB 09 17:34:23.1,0.6,19:62S:69:32W,0.07,h111km,5km,
mb3.4/2,Error ellipse: s-maj=10.3km s-min=4.9km
az=175.6

GUC 09 17:34:23.6,0.6,19:62S:69:31W,h100km,2km,ML4.0
IDC 09 17:34:34.1,6.3,18:92S:67:56W,h119km,43km,mb3.4/2,
m1 3.6/4,mb1mx3.4/27,mbtmp3.9/4,MS3.1/1,M1 3.1/1,
ms1mx2.5/16,Error ellipse: s-maj=64.8km s-min=39.4km
az=19.0

ISC 09 17:34:22.6,1.0,19:58S:0:03:69:24W,0.06,h107km,7km,
n27,r161/40,8C-6D,Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like GO01, PB08, PSGC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like PB02, PB09, PB07, etc.

IDC 09 17:35:14.1,0.5,4.38E:20:87E,h0km,mb4.0/26,
m1 4.4/37,mb1mx4.3/67,mbtmp4.3/37,ML4.0/9,MS4.0/11,
M1 4.0/11,ms1mx3.5/46,Error ellipse: s-maj=12.3km
s-min=10.7km az=143.0

MOS 09 17:35:14.9,-1.1,38:08N:20:71E,h17km,mb4.8/13,
MS4.2/9,Error ellipse: s-maj=5.4km s-min=3.2km az=83.6
PDG 09 17:35:15.6,0.6,38:06N:20:64E,h6km,1km,ML4.6/14,
Error ellipse: s-maj=1.1km s-min=0.9km az=90.0

BUI 09 17:35:15.0,0.0,38:00N:20:80E,h20km,mb4.5/10,
mb4.8/4,Ms4.5/1,Ms7.4/3.1
BEO 09 17:35:15.0,0.7,37:95N:20:43E,h0km,ML4.5/15
ISCJB 09 17:35:16.2,0.3,38:03N:0:01:20:65E,0.02,h27km,1km,
mb4.4/49,MS4.1/13,Error ellipse: s-maj=2.6km
s-min=1.6km az=38.6

NEIC 09 17:35:16.1,2.1,37:98N:0:04:20:76E,0.03,h15km,4km,
earthModelID quakeml:us.anss.org/earthmodel/ak135
MED\_RC 09 17:35:16.0,0.4,37:89N:20:80E,h22km,ML4.6/14,
Momentum Tensor Solution.Mantle waves: s14,c20;
Duration: 1s0 Moment tensor: Scale 10^19Nm;
Mn:0.34;-1.6; Mm:0.17;-1.0; Ms:0.51;-0.9; Best double couple:
M:1.30000x10^18 NPI:95.10500000; 882.000000;
7.35.000000; NP2:95.1000000; 855.000000; 1.170.000000;
Principal axes: T 0.9600, Pfg30.0000; Azm354.0000; N
0.3400, Pfg54.0000; Azm116.0000; P -1.3000,
Pfg18.0000; Azm233.0000; nsta1 refers to body waves.
nsta2 refers to surface waves, cutoff=30s.

ATH 09 17:35:16.3,38:03N:20:77E,h22km,ML4.3/17,Error
ellipse: s-maj=1.3km s-min=0.8km az=223.0
THE 09 17:35:16.9,38:02N:20:76E,h7km,1km,ML4.3/12,Error
ellipse: s-maj=1.4km s-min=0.5km az=43.0

HLW 09 17:35:19.1,38:34N:22:66E,h14km,1km,ML4.8,MS5.2
ISC 09 17:35:19.0,0.8,38:00N:0:02:20:74E,0.02,h15km,5km,
n572,r1975/647,mb4.7/66,MS4.2/13,52C-34D,Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like VLMS, VLS, VLS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like RLS, RLS, RLS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like RLS, RLS, RLS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like DRO, DRO, DRO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like LK02, LK02, LK02, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for locations like LAKA, LAKA, LAKA, etc.

Main table containing astronomical data for September 2013, listing objects like NKME, KHC, KHC, etc., with their coordinates, magnitudes, and other parameters.

Table of astronomical observations for 9d 18h, listing stations like TAM, AAK, TMB, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations like SPITS, AAK, KURS, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 604, listing stations like PV23, PV12, PV09, etc., with columns for station name, coordinates, and observation details.

IDC 09 17:43:23.5-3.7, 318S:140.77E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.4/26, mbtm3.6/4, ML3.6/1, Error ellipse: s-maj=111.6km s-min=31.2km az=93.0, Ipsilon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for WRA, FITZ, ASAR, MKAR.

IDC 09 18:03:14.0-0.7, 0.20N:0.05-98.51E:0.07, h43km, mb3.3/4, Error ellipse: s-maj=10.0km s-min=7.3km az=161.6

DJA 09 18:03:13.8-1.3, 0.1N:3.9'E, h14km, 12km, M3.5/10, mb3.9/1, ML3.4/10

ISC 09 18:03:14.5-1.0, 0.24N:0.06-98.55E:0.08, h43km, n12, s166/14, mb3.3/4, Northern Sumatara Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for MNSI, SIBOLGA, GSI, SISI, PDSI, TPTI, PPSI, KCSI, WRA, ASAR, SONM, MKAR.

ISCJB 09 18:03:40.8-0.7, 17.14S:0.09:173.98W:0.09, h35km, mb4.2/4, Error ellipse: s-maj=14.9km s-min=9.2km az=141.4

IDC 09 18:03:40.3-3.2, 17.05S:174.40W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.8/40, mbtm3.6/4, Error ellipse: s-maj=70.7km s-min=45.0km az=89.0

NEIC 09 18:03:44.7-1.1, 17.3S:0.1x174.2W:0.1, h40km, 15km, mb4.6/2, earthModelID

ISC 09 18:03:44.3-0.8, 17.20S:0.08:174.06W:0.09, h35km, n13, s214/15, mb4.2/6, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for AFI, NIUE, URZ, STKA, WRAB, WRA, AS31, ASAR, ALL, BR10, SJA, GUC, IDC.

BUI 09 18:03:51.0-0.2, 28.70S:71.80W, h88km, Ms4.9/1, Ms7.4/5/1

NEIC 09 18:03:54.0-4.2, 28.78S:0.02x76.5W:0.01, h94km, 6km, earthModelID, quakem.us, ans.org/earthModelID/ak135

ISCJB 09 18:03:54.0-4.2, 28.78S:0.03x76.4W:0.07, h106km, 3km, Error ellipse: s-maj=10.0km s-min=4.5km az=6.7

SJA 09 18:03:54.0-0.6, 28.82S:70.71W, h102km, 3km, ML4.6, MW4.2

GUC 09 18:03:55.0-0.6, 28.83S:70.64W, h106km, 4km, ML4.6

IDC 09 18:03:56.1-0.6, 28.75S:70.51W, h98km, 4km, mb3.7/4, mb1 3.9/8, mb1mx3.7/34, mbtm3.6/4, Error ellipse: s-maj=25.2km s-min=15.2km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for LCO, LCO, LCO, LCO, LCO, LCO, LCO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like GO03 Copiap, G003 Cerro Verde, G003 Copiap, G003 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like THIG, THIG, ERG, STG3, FUG, FUG, etc.

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

ICD 09 18:36:24.2, 4.47S:152.92E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/23, mbtmp3.7/3, Error ellipse: s-maj=44.0km s-min=26.3km az=30.0, New Britain region

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

MAN 09 18:39:46.4, 14.32N:120.34E, h131km, mb4.4, ML3.3, MS3.1, TD, Lunzn

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

ISC/JB 09 19:04:15.7-0.2, 76.14N:103.133E, h0.1, h10km, mb4.2/46, MS3.1/9, Error ellipse: s-maj=5.0km s-min=3.8km az=151.8

BUI 09 19:04:15.5-0.0, 76.20N:134.10E, h10km, mb4.5/7, mb4.8/5

MOS 09 19:04:15.7-1.3, 76.27N:133.43E, h7km, mb4.3/8, Error ellipse: s-maj=26.8km s-min=7.8km az=90.3

ICD 09 19:04:16.1-0.5, 76.15N:133.51E, h0km, mb4.0/23, mb1 4.2/25, mb1mx4.1/53, mbtmp4.0/25, ML3.9/1, MS3.1/8, MS1 3.1/8, ms1mx2.8/48, Error ellipse: s-maj=13.6km s-min=12.5km az=178.0

NEIC 09 19:04:18.1-2.1, 76.21N:103.133E, h0.02, h14km, 4km, mb4.6/61, earthModelId quakeml:us.anss.org/earthmodel/ak135

YARS 09 19:04:18.5, 74.45N:136.31E, h4km, ISC 09 19:04:17.0-0.4, 76.21N:103.133E, h10km, n168, r146/168, mb4.5/63, MS3.1/9, 6C, Laptev Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like COLD Coldfoot, IMAR Indian Mountain, BMAR Burnt Mountain, etc.

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



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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KVN Kaisersville, NVAR Mina Array Bea, YER Yerkesik, R11A Troy Canyon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMG, GCAM G?zelcam?, YKAV Yalikavak-BoDr, BODT Bodrum, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STG3 Santiaguito 3, FUG Fuego 3, IXPACO Ixpaco, etc.

ICD 09 20:24:12.7, 2.4, 4.49S, 152.93E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.1/30, mbtmp3.2/2, Error ellipse: s-maj=45.6km s-min=26.7km az=29.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076 0.92 281), WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 09 20:25:51.8, 4.2, 6.36S, 103.73E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/35, mbtmp3.5/4, Error ellipse: s-maj=163.0km s-min=28.9km az=53.0

ISCJB 09 20:25:53.8, 1.0, 6.62S, 0.066, 103.57E, 0.7, h35km, mb3.5/4, Error ellipse: s-maj=11.2km s-min=7.5km az=140.8

DJA 09 20:25:55.3, 1.0, 6.53S, 101.46E, h11km, gkm, M3.9/12, mb4.1/2, mb5.4/1, MLV3.7/12, Mw(mb)B/4

ISC 09 20:25:56.3, 1.2, 6.52S, 0.08, 103.66E, 0.09, h35km, n18, a0572/18, mb3.5/4, Sutherland Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KASI Kota Agung, LWLI Liwa, CGJI Cibinong, etc.

STR 09 20:50:23.0, 3.8, 0.46N, 2.2, h0km, 6km, mb4.1/2, MLV3.0/7

LDG 09 20:50:23.0, 5.0, 4.44N, 0.63E, h3km, M3.1/3, M13.1/43, Error ellipse: s-maj=0.9km s-min=0.8km az=28.0

ISC 09 20:50:22.0, 1.0, 4.645N, 0.01, 0.64E, 0.01, h15km, gkm, n98, c118/173, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MFF Saint Martin d, CHIF Chize, TCF Toulx Ste Croi, etc.

ICD 09 19:46:42.6, 1.7, 2.34S, 125.01E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.1/34, mbtmp3.2/3, ML3.3/1, MS2.9/1, M2.1, 2.9/1, mx2.3/15, Error ellipse: s-maj=187.0km s-min=25.2km az=63.0, Ceram Se

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

MEX 09 20:04:54.6, 1.0, 15.81N, 93.76W, h80km, 11km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Pucallpa, TGIG Tuguea, CCIG Comitan, etc.

MAN 09 20:14:50.7, 13.61N, 120.67E, h108km, mb3.9, ML2.7, MS2.3, 1C, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMF Signal de Mont, SMF Signal de Mont, LOR Lormes, etc.

DDA 09 19:35:57.1, 37.36N, 37.15E, h7km, 4km, ML2.6

ISK 09 19:35:57.0, 37.29N, 37.01E, h11km, ML1.7/5

ISC 09 19:35:57.0, 9.3734N, 0.0437, 13E, 0.03, h14km, 7km, n13, c058/19, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, HCB Kahramanmara, KMR Kahramanmara, etc.

ISK 09 19:37:57.7, 37.42N, 26.90E, h17km, ML3.0/19

DDA 09 19:37:57.6, 37.41N, 26.95E, h7km, 5km, ML2.8

THE 09 19:37:57.9, 41.41N, 26.89E, h6km, 1km, ML2.6/9, Error ellipse: s-maj=1.6km s-min=0.6km az=65.0

ISCJB 09 19:37:58.1, 0.4, 37.41N, 0.02, 26.91E, 0.03, h7km, 3km, Error ellipse: s-maj=3.7km s-min=2.5km az=152.5

ATH 09 19:37:58.9, 37.43N, 26.83E, h4km, 2km, ML2.8/2, Error ellipse: s-maj=2.1km s-min=0.9km az=121.0

ISC 09 19:37:58.1, 0.9, 37.41N, 0.02, 26.89E, 0.02, h15km, 7km, n63, c1105/92, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DIDI Didim-Aydin, SMI Samos, SMG Samos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARY Karystos, BALKESIR\_Sava, STEP Uak-Merkez, etc.

ICD 09 19:46:42.6, 1.7, 2.34S, 125.01E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.1/34, mbtmp3.2/3, ML3.3/1, MS2.9/1, M2.1, 2.9/1, mx2.3/15, Error ellipse: s-maj=187.0km s-min=25.2km az=63.0, Ceram Se

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

MEX 09 20:04:54.6, 1.0, 15.81N, 93.76W, h80km, 11km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Pucallpa, TGIG Tuguea, CCIG Comitan, etc.

MAN 09 20:14:50.7, 13.61N, 120.67E, h108km, mb3.9, ML2.7, MS2.3, 1C, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMF Signal de Mont, SMF Signal de Mont, LOR Lormes, etc.

GCG 09 20:16:28.2, 0.6, 14.81N, 91.56W, h68km, 8km, MD3.6

SNET 09 20:16:29.0, 0.8, 14.26N, 91.60W, h35km, 15km, ML2.3

ISC 09 20:16:27.4, 6.14N, 0.3, 91.80W, 0.2, h59km, 31km, n6, c1545/9, Guatemala







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Table of station data with columns for station name, frequency, mode, and various signal quality indicators (e.g., SNR, error rates).

Table of station data for the middle section, including stations like Bilibino, Sverdiolvsk, and others with their respective frequencies and modes.

Table of station data for the right section, including stations like ASAF, SHMJ, and others with their respective frequencies and modes.



Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like 154A Montrose, V60A Jim Taylor Roa, Z56A Wilisth, etc.

IDC 09 21:47:53.9.0.9, 10:70S:164:47E, h0km, mb4.1/14, mb1 4.2/15, mb1mx1.4/3, mbtmp4.1/15, ML4.71, MS4.3/4, Ms1.4/3.4, ms1mx3.6/5.1, Error ellipse: s-maj=33.0km s-min=18.2km az=93.0

ISCJBJ 09 21:47:56.0.0.5, 10:75S:0:06:164:46E:0:09, h29km, mb4.1/14, MS4.3/4, Error ellipse: s-maj=12.4km s-min=7.9km az=167.8

NEIC 09 21:47:55.3.1.7, 10:8S:0:1:164:5E:0:1, h10km, 1km, mb4.4/10, earthModelID

quakeml: us.anss.org/earthmodel/ak135

ISC 09 21:47:57.8-0.6, 10:77S:0:07:163:8E:0:08, h29km, n48, r=212/42, mb4.2/16, MS4.3/4, Santa Cruz Islands region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ILAR Eielson Array, MAW Mawson, INK Inuvik, etc.

IDC 09 21:53:06.8-2.7, 6:37S:131:04E, h196km, 37km, mb3.2/1, mb3.1 3.2/4, mb1mx2.8/4.0, mbtmp3.7/4.0, Error ellipse: s-maj=83.8km s-min=20.6km az=79.0, Tanimbar Islands region

DJA 09 21:56:22.2.1.5, 2:16N:6:12:2E, h14km, 9km, M4.6/6, mb4.7/3, MLV4.6/6

ISC 09 21:56:41.9.1.2, 1:63N:122:87E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.5/5.0, mbtmp3.8/6, ML3.9/2, Error ellipse: s-maj=62.8km s-min=19.6km az=73.0

ISC 09 21:56:42.6-1.1, 1:01N:0:07:121:7E:0:1, h10km, n11, r=162/12, mb3.7/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like SIJU Sorong, WRA Waramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like BARC Barichara, BANC Pamplona, INK Barranca, etc.

ISCJBJ 09 22:01:42.1-0.2, 43:70N:0:03:151:71E:0:03, h9km, mb4.7/3, MS4.7/1, Error ellipse: s-maj=5.1km s-min=2.4km az=160.8

IDC 09 22:01:42.7.0.4, 43:82N:151:86E, h0km, mb4.5/32, mb1 4.6/4.1, mb1mx4.5/6.6, mbtmp4.5/4.1, ML3.9/8, Error ellipse: s-maj=13.0km s-min=9.7km az=133.0

BUII 09 22:01:44.5.0.0, 43:96N:151:29E, h5km, mb4.7/42, mb5.0/14, Ms4.6/7, Ms7.4/3.7

NEIC 09 22:01:44.4.1.6, 43:84N:0:08:151:73E:0:06, h10km, 1km, mb4.7/13, earthModelID

quakeml: us.anss.org/earthmodel/ak135

MOS 09 22:01:46.2.1.1, 43:76N:151:64E, h36km, mb4.8/19, MS4.8/4, Error ellipse: s-maj=7.0km s-min=5.4km az=128.8

JMA 09 22:01:46.8-0.6, 44:22N:151:51E, h30km, M4.9

SKHL 09 22:01:48.0-0.6, 44:08N:151:56E, h32km, 6km, mb5.4/3, MS4.3/2, mh5.3/1

ISC 09 22:01:46.1-0.6, 43:76N:0:05:151:70E:0:05, h23km, 3km, h2km, pp-P, n386, r=159/408, mb4.7/124, 29C-15D, East of Kuril Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like YUK, LAGR, GRPR, NEM2, JRA, JNK, JAK, JTKR, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BJL, BJL, BJL, BJT, BJT, BJT, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SHL, SHL, SHL, BRVK, BRVK, BRVK, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, PDAR Novokhopovsk, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARRO Arrone, ARRO Arrone, GIUL Giuliano Di Ro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like J01E, L04D, O03E, M04C, GDXM, etc.

MEX 09 23:50:58.0-0.7, 16.80N-95.44W, h30km, 51km, MD3.6, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG, HUIG, VHO, etc.

MEX 09 23:59:31.0-0.6, 15.89N-97.03W, h22km, 12km, MD3.5, Near coast of Oaxaca

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

ISCJB 09 23:05:52.8-1.7, 33.94N-104.36-1.3E, 0.07, h2km, 26km, Error ellipse: s-maj=10.4km s-min=6.1km az=156.1

GRAL 09 23:05:53.0-0.3, 33.93N-36.17E, h11km, 3km, MD2.1, NSSC 09 23:05:53.0-0.3, 33.90N-36.17E, h28km, 7km, MD1.1, ML1.4

ISC 09 23:05:52.9-1.4, 33.93N-104.36-1.4E, 0.06, h17km, 18km, n8, e03/3/14, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWQ, BHL, QASN, etc.

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

ATH 09 23:13:29.7, 37.72N-21.15E, h28km, 3km, ML1.2/1, Error ellipse: s-maj=4.3km s-min=1.3km az=4.0, Southern Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VTN, ZKS, VLMS, etc.

ISCJB 09 23:17:16.4-1.0, 15.3N-0.2-46.6W, 0.2, h10km, mb3.7/5, Error ellipse: s-maj=28.3km s-min=17.4km az=135.1

ISC 09 23:17:16.3-1.1, 15.50N-46.64W, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/39, mbtmp3.9/7, ML4.1/1, Error ellipse: s-maj=33.9km s-min=22.6km az=133.0

ISC 09 23:17:17.9-1.1, 15.5N-0.2-46.6W, 0.2, h10km, n10, e05E, mb3.7/5, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDP, PTGA, SDV, etc.

ISC 09 23:23:46.9-2.6, 29.19N-99.86E, h0km, mb3.4/2, mb1 3.5/2, mb1mx3.2/27, mbtmp3.5/2, Error ellipse: s-maj=51.6km s-min=37.2km az=31.0, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, MKAR, KRSR, etc.

NEIC 09 23:04:52.0-2.2, 17.1N-0.1-93.9W, 0.1, h172km, 6km, earthModelID quakeml.us.anss.org/earthmodel/ak135

MEX 09 23:34:54.0-0.4, 17.01N-93.87W, h172km, 3km, MD4.0, Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGIG, CMIG, PCIG, etc.

NNC 09 23:54:07.3-6.0, 36.89N-71.19E, h222km, 80km, mb2.5, mpv3.5, 2C-5D, Error ellipse: s-maj=59.4km s-min=40.6km az=178.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, AAK, TKM2, etc.

ISC 10 00:04:36.7-8.1, 31.45S-179.27W, h306km, 82km, mb3.3/2, mb1 3.4/3, mb1mx3.1/28, mbtmp4.0/3, Error ellipse: s-maj=83.8km s-min=39.0km az=5.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ, STKA, FINES, etc.

MEX 10 00:07:22.4-0.8, 16.12N-98.42W, h5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLIG, VHO, HUIG, etc.

MEX 10 00:27:42.8-0.7, 15.71N-93.89W, h80km, 9km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, TGIG, CMIG, etc.

IDC 10 00:35:14.8-0.4, 15.50N-46.59W, h0km, mb4.3/31, mb1 4.5/34, mb1mx4.4/40, mbtmp4.4/34, ML4.6/3, MS4.4/25, MS1 4.4/25, ms1mx4.4/32, Error ellipse: s-maj=12.5km s-min=10.2km az=140.0

MOS 10 00:35:14.7-0.9, 15.52N-46.67W, h10km, mb5.3/35, MS4.4/5, Error ellipse: s-maj=9.6km s-min=6.2km az=49.5

ISCJB 10 00:35:15.0-0.1, 15.48N-0.02-46.66W, 0.02, h10km, mb4.6/62, MS4.5/39, Error ellipse: s-maj=3.4km s-min=2.9km az=160.8

NEIC 10 00:35:15.9-2.5, 15.55N-0.1-46.7W, 0.1, h10km, 3km, mb5.1/171, Mw5.2, Moment Tensor Solution, Moment tensor: Scale 1016Nm, Mw1.01; Mw0.01; Mw0.30; Mw0.28; Mw0.61; Mw1.2; Fault plane solution: M0: 850000.0\*10^16 Np1: 344.020000; s83.650000; l165.020000; NP2: 75.720000; s75.720000; l65.750000; Principal axes: T 7.8746, Plg15.0000; Azm19.0000; N -0.0419, Plg74.0000; Azm142.0000; P -7.8327, Plg6.0000; Azm31.0000; earthModelID quakeml.us.anss.org/earthmodel/ak135

GCMT 10 00:35:20.5-0.1, 15.59N-0.01-46.66W, 0.01, h12km, Mw5.2/34, Moment Tensor Solution, s80,c107; s134,c245; Duration: 19; Moment tensor: Scale 1017 Np1: 0.85; 0.01; Mw0.04; 0.01; Mw0.82; 0.01; Mw0.14; 0.04; Mw0.17; 0.01; Mw0.01; 0.3; Best double couple: M0: 853000\*10^17 Np1: 21.000000; s46.000000; l-77.000000; NP2: 183.000000; s45.000000; l-103.000000; Principal axes: T 0.8380, Plg1.0000; Azm102.0000; N 0.0310, Plg9.0000; Azm192.0000; P -0.8680, Plg81.0000; Azm7.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 00:35:16.4-0.3, 15.49N-0.05-46.74W, 0.04, h10km, n482, e1972/413, mb5.0/135, MS4.5/39, 30C-7D, Northern Mid-Atlantic Ridge

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

MEX 10 00:35:16.4-0.3, 15.49N-0.05-46.74W, 0.04, h10km, n482, e1972/413, mb5.0/135, MS4.5/39, 30C-7D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDP, BBGH, HOSS1, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PGRA Graciosa, PSMN Pico do Norte, PSET Sete Cidades, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WVT Waverly, WWT Waverly, DBIC Dimbokro, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like S22A 4UR Ranch, CRe, SMCO Snowmass, WTAA Wattenberg, etc.

Table with columns: ZST, comp, pmax, pmax, MNSK, Minsk, 68.61, 37, eP, P, 00 46 21.0 +1.5, ORV, Oroville, 68.64, 307, lAmb, lAmb, 00 46 41.3, ...

Table with columns: MNSK, Minsk, 68.61, 37, eP, P, 00 46 21.0 +1.5, ORV, Oroville, 68.64, 307, lAmb, lAmb, 00 46 41.3, ...

Table with columns: CD2, Chengdu, 125.84, 31, PKP, PKIKP, 00 54 24.0 +4.4, MAJO, Matsushiro, 128.04, 355, PKIKP, PKPfd, 00 54 22.0 -1.3, ...

IDC 10 00:42:59.9, 1.7, 7.10s; 131.07E, h0km, mb4.0/2, mb1.4/2.6, mb1mx3.8/33, mbtmpr4.1/6, ML4.1/4, Error ellipse: s-maj=71.5km s-min=23.6km az=85.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, SIJI, Sorong, 6.26, 0, Op, h, m, s, ISC, 00 44 32.6, 0.0, ...

SKO 10 00:49:55.8, 41.74N-22.63E, h1km, MO.5, ML0.8, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, STIP, Stip, 0.34, 262, iPg, h, m, s, ISC, 00 49 58.2, -4.0, ...

ISCJB 10 00:50:45.0, 4.0, 4.3, 25N, 0.0, 2.0, 85E, 0.0, 2, h2km, 3km, Error ellipse: s-maj=3.2km s-min=2.4km az=7.4

BEO 10 00:50:47.1, 0.2, 4.3, 23N, 20.86E, h3km, 2km, ML2.1/1.0

SAR 10 00:50:48.6, 0.8, 4.3, 23N, 20.68E, h4km, 3km, ML2.0/7

ISC 10 00:50:46.8, 1.1, 4.3, 26N, 0.0, 2.0, 83E, 0.0, 2, h5km, 9km, n38, r152/71, 13C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, SELS, Selova, 0.29, 101, Op, h, m, s, ISC, 00 50 58.8, +0.1, ...

10d 1h

SIRR Siria 3.06 11 P Pn 00 51 34.9 -1.0
SIRR AML 00 51 41.6
SIRR Sn 00 52 10.6 -2.4

ISCJB 10 00:50:54.0±1.1, 14°18N±0.09;92°01'W±0.07,h63km±13km,
Error ellipse: s-maj=18.6km s-min=4.9km az=35.5,
MEX 10 00:50:55.4±0.9, 14°10N±0.2;103°W±24km,21km,MD4.0
NEIC 10 00:50:55.5±1.2, 14°22N±0.04;91°39W±0.04,h50km±23km,

Code Station Name Δ° AZ' Phase ID Time Res ISC
ERG Entre ros, C 0.49 59 eP Pn 00 51 06.9 +0.7
STG3 Santiago 3, 0.67 38 eP Pn 00 51 08.3 +0.3

IDC 10 00:53:49.2±5.2, 16°10S±65'82E, h0km, mb3.6/3,
mb1 3.8/3, mb1mx3.4/0, mbtmp3.6/3, MS2.6/1, Ms1 2.6/1,
ms1mx2.6/38, Error ellipse: s-maj=189.4km

Code Station Name Δ° AZ' Phase ID Time Res ISC
H08S1 Diego Garcia H 10.63 39 T Pn 01 05 38.7
H08S2 Diego Garcia H 10.64 39 T Pn 01 05 38.9
H08S3 Diego Garcia H 10.65 39 T Pn 01 05 43.6

ISCJB 10 00:58:51.4±0.5, 37°07S±0.03;72°48W±0.06,h68km±4km,
mb3.9/11, Error ellipse: s-maj=8.4km s-min=5.1km
az=174.5

SJA 10 00:58:51.0±0.5, 37°25S;72°49W,h22km,10km,MD3.1
NEIC 10 00:58:52.2±2.3, 37°14S;0°05';72°33W±0.04,h54km±3km,
earthModellID quakeml.us.anss.org/earthmodel/lak135
CANCA 10 00:58:52.1±0.7, 37°18S;72°48W,h49km,3km,ML4.3

IDC 10 00:58:55.0±2.5, 37°14S;72°04W,h72km±22km,mb3.8/11,
mb1 3.9/15,mb1mx3.8/28,mbtmp4.0/15,MS2.8/1,
Ms1 2.8/1,ms1mx2.7/22, Error ellipse: s-maj=29.1km
s-min=14.4km az=92.0

Code Station Name Δ° AZ' Phase ID Time Res ISC
CCSP San Pedro de C 0.55 296 eP Pn 00 59 03.9 -1.0
CCSP eS Pn 00 59 13.3 -0.5
CCSP IAML Pn 00 59 16.1

2013 SEP

LPAZ La Paz 21.08 12 P P 01 03 34.9 +2.1
LPAZ La Paz 21.08 12 I Amb I Amb 01 03 34.3 +1.5
LPAZ comp=Z,4.4nm,0.8s,baz=174,slow=6.1,SNR=12

BUI 10 01:12:34.6±0.0, 1°03N;122°75E,h33km,mb5.0/64,
mb5.0/62,Ms5.0/81,Ms7.4/977

MOS 10 01:12:38.2±1.0, 1°41N;122°29E,h33km,mb5.2/55, Error
ellipse: s-maj=9.6km s-min=4.7km az=109.5

GCMT 10 01:12:38.8±0.1, 1°63N;0°01';122°24E±0.01,h21km,
MW5.4/134, Moment Tensor Solution, s117.c186;
s134.c239; Duration: 1s2 Moment tensor: Scale 1017
N/m; M=0.93±0.02; M0=0.91±0.01; M2=0.08±0.01;

ISCJB 10 01:12:39.5±0.4, 1°40N;0°02';122°37E±0.02,h45km±3km,
mb5.0/113,MS4.7/53 Error ellipse: s-maj=3.8km
s-min=2.8km az=167.5
IDC 10 01:12:40.0±3.1, 1°33N;122°31E,h33km,mb4.4/21,
mb1 4.5/23,mb1mx4.4/30,mbtmp4.6/23,ML5.3/2,MS4.7/29,
Ms1 4.7/29,ms1mx4.6/38, Error ellipse: s-maj=16.9km
s-min=10.0km az=79.0

CLM 10 01:12:41.0, 1°41N;122°48E,h53km,mb5.2
ISC 10 01:12:41.3±0.4, 1°37N;0°03';122°36E±0.04,h45km±3km,
h46km±P-P,n436,±193/456,mb5.0/141,MS4.7/53,
16C-13D,Minahassa Peninsula, Sulawesi

Code Station Name Δ° AZ' Phase ID Time Res ISC
KMSI Cibinong 1.81 116 P Pn 01 13 11.8 +1.8
APSI Ampang 2.38 197 P Pn 01 13 19.2 +1.3
LUWI Luwuk 2.44 170 P Pn 01 13 21.1 +2.4

618

BATI Baumata 11.58 174 Pn Pn 01 15 30.5 +6.4
BATI comp=Z,5um,21.9s,baz=340,slow=39
BATI 11.58 174 P LR 01 20 07.8
BATI Kuching 12.04 271 P Pn 01 15 31.0 +7.8
BATI Kuching 12.04 271 P Pn 01 15 28.6 -1.9



10d 1h

Table with columns: PRZ, comp, Z, f, m, s, P, Pmax, 01, 22, 21.9, +0.9, etc. Lists various stations and their associated data points.

2013 SEP

Table with columns: HRA, Herat, 64.83 306, P, P, 01, 23, 16.1, 0.0, etc. Lists stations like Borovoye, Casey, Alibeck, etc.

620

Table with columns: SORM, Soroca, 91.67 318, P, P, 01, 25, 54.1, +1.0, etc. Lists stations like Soroca, Vasula, FIAO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PEL, COMBARBAL, GO04, GO04, GO04, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DBIC, ANMO, T25A, X16A, SDCO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BR101, BRTR, ATKA, AKASA, etc.

Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like STG3, STG3, STG3, etc.

Mozambique

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MSNA, MSNA, MATP, etc.

Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WRA, ASAR, ILAR, etc.

Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TINTI, TINTI, MTN, UGM, etc.



Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like MNMC, GO01, PB11, etc.

TAP 10 01:41:06.2, 24:32N, 121:92E, h29km, ML2.2, C, Taiwan

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like NANB, ENA, TWC, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like EHY, SSSL, LAFU, etc.

Off coast of central America

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like NIUE, AFU, RAR, etc.

coast of eastern Honshu

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like ONAJ, JFK, JFFD, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like JFT, JMM, JFY, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like KAP1, KDAC, KTH, IL31, ILAR, AAK, BRVK, FITZ, WRA, AKTO, ASAR, ASAR, GEYT, ARCES, OBN, FORT, FINES, FINESS, NB2, NOA, AKASG, KVN, NVAR, PDAR, YVHS, PV22, CLL, CMWZ, MEMB, MEM, EHOJ, ANMO, ANMO, TXAR, LPAZ.

ISCJB 10 03:32:32.1-0.3,23.77N,0.01-1.22,00E,0.02,h2km,2km, Error ellipse: s-maj=2.9km s-min=1.8km az=136.9 JMA 10 03:32:32.2-0.1,23.76N,121.95E,h28km,4km,M3.1 TAP 10 03:32:32.8,23.78N,121.97E,h35km,ML3.1,C ISC 10 03:32:32.4-1.0,23.77N,0.02-1.21,96E,0.02,h29km,9km, n83, c0f65/158, Taiwan

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 HWA, TWD, ESL, EGFH, NACB, HGSD, ETHL, ETLH, EHY, EHY, NANB, ENA, YULB, YULB, TW1, TW1, WHF, WHF, OWD, WVD, WVD, WVD.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like CHGB, EOS1, EOS1, NNSB, TWC, TWC, CHKT, CHKT, NNS, NNS, TWT, TWT, TDCB, TDCB, SSSL, SSSL, NDL, ENTT, ENTT, YUS, YUS, SMLT, SMLT, DPDB, DPDB, TWE, TWE, WHYT, WHYT, TYC, TYC, SLBB, SLBB, ELDTW, ELDTW, YHNB, YHNB, WHP, WHP, NSK, NSK, NSK, ALS, ALS, NTC, NTC, NWLT, NWLT, NWLT, JYNG, JYNG, WNT, WNT, YOJ, YOJ, YOJ, YOJ, CHNS, CHNS, TIPB, TIPB, NSTT, NSTT, TATQ, TATQ, TATQ, TATQ, TPUB, TPUB, WDLH, WDLH, WDLH, WDLH, WDFS, WDFS, CHN4, CHN4, WCHH, WCHH, WCHH, WCHH, WTP, WTP, WTP, WTP.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like WTP, YM01, SLGT, SLGT, YM10, YM10, CHY, CHY, CHY, YM04, YM04, CHN1, CHN1, SGST, SGST, YM05, YM05, YM05, YM05, TWK, TWK, SNST, SNST, SSD, SSD, MASBT, MASBT, MASBT, MASBT, HATJ, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JIJ, JIJ, JIJ, WDGJ, WDGJ, WDGJ, PHUB, PHUB, PHUB, PNG, PNG, PNG, JISG, JISG, VCHM, VCHM, JTJ, JTJ, PTMZ, PTMZ, PTMZ.

KRSC 10 03:36:50.0-1.8,51.42N,160.79E,h52km,33km,ML3.8, Off east coast of Kamchatka Peninsula

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 KDR, KDR, RUS, RUS, SPN, SPN, MTVR, MTVR, NLC, NLC, DAL, DAL, UGL, UGL, KRM, KRM, SDLR, SDLR, SMAR, SMAR, AVH, AVH, KRE, KRE, KRE, KRE, KOK, KOK, KRX, KRX, APC, APC, KII, KII, GNL, GNL, MKZ, MKZ, KZV, KZV, TUMD, TUMD, TUMD, TUMD, BKI, BKI, BKI, BKI, KTR, KTR.

IDC 10 04:07:08.8-2.7,3.21N,92.59E,h0km,mb3.5/3,mb1 3.7/5, mb1mx3.4/4.3,mbtm3.5/5,ML3.6/2, Error ellipse: s-maj=71.3km s-min=30.0km az=60.0, Off west coast of northern Sumatra

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 PSI, PSI, CMAR, CMAR, H0S2, H0S2, H0S3, H0S3, H0S1, H0S1, WRA, WRA, ASAR, ASAR, ZALV, ZALV.

JMA 10 04:09:09.5-0.2,24.98N,128.00E,h82km,M3.5, Southeast of Ryukyu Islands

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 JTT3, JTT3, JNTH, JNTH, JKE, JKE, JAGN, JAGN, JAGN, JAGN, JOW, JOW, JOW.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIH Itheya, YH JYOR, JYOR Yoronjima, JOGS Gusukube, etc.

MEX 10 04:18:03.2.0.4, 16.74N:93.75W, h153km, 4km, MD3.6,

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

NEIC 10 04:31:24.8.4.0, 23.23S:0.06:67.89W, 0.05, h172km, 9km,

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

GUC 10 04:31:28.8.0.6, 23.10S:68.15W, h170km, 6km, ML4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

ISC 10 04:31:25.3.0.7, 23.23S:0.04:67.85W, 0.06, h168km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

ISC 10 04:31:25.3.0.7, 23.23S:0.04:67.85W, 0.06, h168km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

ISC 10 04:31:25.3.0.7, 23.23S:0.04:67.85W, 0.06, h168km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

ISC 10 04:31:25.3.0.7, 23.23S:0.04:67.85W, 0.06, h168km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

ISC 10 04:31:25.3.0.7, 23.23S:0.04:67.85W, 0.06, h168km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO01 Chuzmisza, PB11 IPOC Station P, PB11 IPOC Station P, etc.

ISC 10 04:31:25.3.0.7, 23.23S:0.04:67.85W, 0.06, h168km, 8km,

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIV San Ignacio, CPUP Villa Florida, TRQA Torquai, BDFB Brasilia, etc.

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

ISC 10 05:15:04.9.1.6, 51.34N:175.01W, h0km, mb3.5/2,

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

PRE 10 05:31:35.6.1.1, 26.41S:27.38E, h2km, ML3.3
ISCJB 10 05:31:35.1.0.4, 26.41S:27.38E, h0km, 3km,
MB3.9/6, Error ellipse: s-maj=4.9km s-min=0.1km az=31.8

NEIC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

ISC 10 05:31:36.9.2.6, 26.40S:0.05:27.47E, 0.04, h5km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WDLM Western Deep L, WDLM Western Deep L, WDLM Western Deep L, etc.

Table with columns: BRTR, Keskin Array B, 66.02, 5, P, P, 05 42 25.2 +1.4. Includes other stations like ESCD, AKASA, CMAR, etc.

comp=Z,198nm,0.2s

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

ISCJBJ 10 06:14:54.2:0.7,30:29S:0:06:138:38E:0:08,h10km, Error ellipse: s-maj=12.1km s-min=5.8km az=143.7

ISCJBJ 10 06:14:54.1:2.7,30:39S:138:30E,h0km,mb1 3.5/4, mb1mx3.4/2.9,mbtmp3.4/ML3.3/4, Error ellipse: s-maj=62.8km s-min=13.3km az=42.0

AUST 10 06:14:58.9:0.5,30:50S:138:42E,h50km,99km, Error ellipse: s-maj=2.8km s-min=1.4km az=358.0

ISC 10 06:14:52.7:0.9,30:50S:0:06:138:36E:0:05,h10km,n9, c245/13,South Australia

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

ISCJBJ 10 06:19:48.9:0.5,52:29S:0:06:139:4E:0:12,h10km, mb4.2/7,MS3.9/8, Error ellipse: s-maj=6.1km s-min=8.0km az=7.8

ISC 10 06:19:49.5:0.9,52:26S:139:38E,h0km,mb4.2/8, mb1 4.3/8,mb1mx4.2/2.6,mbtmp4.2/8,MS3.9/8,MS1 3.9/8, ms1mx3.5/2.6, Error ellipse: s-maj=51.8km s-min=15.8km az=91.0

NEIC 10 06:19:51.0:1.5,52:32S:0:08:139:49E:0:05,h10km,2km, mb4.5/11,earthModelID

ISC 10 06:19:50.0:0.6,52:30S:139:43E:0:12,h10km,n51, c062/38,mb4.2/9,MS3.9/8, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOO, BBO, CASEY, STKA, etc.

Table with columns: ARCES, ULM, GEC2, GERES, SPA0, SPITS, NB2, NB20R, NOA, ESCD. Includes station names and coordinates.

ISC 10 06:22:17.5:2.7,52:16S:139:60E,h0km,mb4.0/4, mb1 4.2/3,mb1mx4.0/2.7,mbtmp4.0/4,MS3.5/2,MS1 3.5/2, ms1mx3.0/2.3, Error ellipse: s-maj=143.2km s-min=34.4km az=96.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, H01W1, H01W2, etc.

UCR 10 06:30:18.5:2.2,10:48N:86:18W,h20km,28km, MW3.6, 3C-10, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTS, ARE1, JRE1, etc.

ISC 10 06:47:00.8:2.2,23:58S:179:86W,h510km,18km,mb3.9/8, mb1 3.9/9,mb1mx3.4/43,mbtmp4.7/9, Error ellipse: s-maj=34.6km s-min=2.2km az=166.0

ISCJBJ 10 06:47:01.8:1.2,23:75S:0:2:180:0W:0:2,h532km,mb4.4/8, Error ellipse: s-maj=24.6km s-min=21.6km az=28.5

ISC 10 06:47:02.4:1.0,23:75S:0:2:179.9W:0:2,h532km,n12, c1943/16,mb4.5/8,South of Fiji Islands

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

ISC 10 06:59:40.0:4.0,4:27S:142:28E,h135km,36km,mb3.4/4, mb1 3.6/5,mb1mx3.2/41,mbtmp3.8/5, Error ellipse: s-maj=40.2km s-min=12.6km az=114.0

ISC 10 06:59:37.1:1.4,35S:0:1:142.3E:0:3,h105km,n7, c1936/12,mb3.8/3,New Guinea

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

NEIC 10 07:04:00.3:1.4,20:38S:0:04:173:38W:0:03,h10km,1km, mb5.0/9,earthModelID

quakeml.us.anss.org/earthmodel/ak135
ISCJB 10:07:04.00.0.2, 207.499.0:05:173.38W:0.04, h21km,
mb4.9/38, MS4.6/37, Error ellipse: s-maj=7.8km
s-min=4.8km az=147.4

IDC 10:07:04.02.8.0.6, 20:455:173:71W, h0km, mb4.6/16,
mb1 4.8/18, mb1mx4.7/32, mbtmp4.7/18, ML4.9/2, MS4.5/23,
Ms1.45/23, ms1mx4.5/24, Error ellipse: s-maj=24.3km
s-min=14.8km az=138.0

BUI 10:07:04.04.4.0.0, 20:030:173:68W, h6km, mb5.1/24,
mb5.4/13, Ms4.8/14, Ms7.4/14

MOS 10:07:04.05.4.2.2, 20:525:173:75W, h33km, mb5.1/18,
Error ellipse: s-maj=11.7km s-min=10.3km az=58.1

GCMT 10:07:04.07.5.0.2, 20:60S:0:12:173:13W:0.01, h13km,
MW5.0/110, Moment Tensor Solution, s56 c74;
s110, c166; Duration: 0 Moment tensor, Scale 1016Nm;
Mn3.83±.13; Mw0.53±.09; Mo0.30±.09; Me1.08±.23;
Mw-1.67±.06; Mw0.93±.19; Best double couple:
Mw4.21000x1016 Np1.0±.33.00000±.855.00000±.
λ.100.00000±. NP2.0±.197.00000±.δ.36.00000±.λ.76.00000±.

Principal axes: T 4.1240, P1g78.00000±, Azm339.00000±;
N 0.1720, P1g8.00000±, Azm280.00000±; P -4.2960,
P1g9.00000±, Azm116.00000±; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 10:07:04.03.4.0.3, 20:565:0:05:173:33W:0.05, h21km,
m240, c29/232, mb4.9/55, MS4.7/38, 18C-15D, Tonga
Islands

Table with 7 columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Lists various seismic stations like NIUE, AFI, RAO, etc.

Table with 4 columns: Station Name, Magnitude, Phase, Time. Lists stations like FITZ, SBA, SBA, SOEI, etc.

Table with 4 columns: Station Name, Magnitude, Phase, Time. Lists stations like PDAR, PDAR, PDAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Uzhgorod, Ostrava-Krasne, Panska Ves, etc.

NNC 10 07:14:23.2±0.6, 50.02N, 78.59E, h0km, mb3.7, mpv3.3, 17C-10D, Error ellipse: s-maj=5.2km s-min=2.9km az=80.0, Eastern Kazakhstan

Table listing stations for NNC 10 07:14:23.2±0.6, 50.02N, 78.59E, h0km, mb3.7, mpv3.3, 17C-10D, Eastern Kazakhstan. Includes stations like KUR07, KUR06, KUR14, etc.

ROM 10 07:21:15.0±0.1, 45.778N, 007.1106E, 0.01, h10km, ML1.5/8, 3C-2D, Error ellipse: s-maj=1.0km s-min=0.7km az=90.0, Northern Italy

Table listing stations for ROM 10 07:21:15.0±0.1, 45.778N, 007.1106E, 0.01, h10km, Northern Italy. Includes stations like VARA, ROVR, etc.

Table listing stations for 2013 SEP, including ROVR, DOSS, MARN, BALD, MAGA, GAGG, PANI, RONI, MABI, etc.

DDA 10 07:21:50.3, 39°25'N, 27°7'E, h7km, 2km, ML2.3, Turkey

Table listing stations for DDA 10 07:21:50.3, 39°25'N, 27°7'E, h7km, 2km, ML2.3, Turkey. Includes stations like BALIKESIR, Balya, Manisa, etc.

IDC 10 07:48:33.9±2.2, 8.08S, 129.77E, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.6/3, mbtmp3.6/4, ML3.7/3, Error ellipse: s-maj=92.5km s-min=27.9km az=77.0, Timor Sea

Table listing stations for IDC 10 07:48:33.9±2.2, 8.08S, 129.77E, h0km, mb3.6/1, Timor Sea. Includes stations like FITZ, WRA, ASAR, etc.

0.3nm, 0.5s, baz=114, slow=7.0, SNR=2.9

Table listing stations for 0.3nm, 0.5s, baz=114, slow=7.0, SNR=2.9. Includes stations like DZM, DZM, URZ, STKA, ASAR, etc.

KRSC 10 08:10:34.1±6.1, 6.49°S, 156.39E, h52km, 27km, ML3.6, Kuril Islands

Table listing stations for KRSC 10 08:10:34.1±6.1, 6.49°S, 156.39E, Kuril Islands. Includes stations like SKR, SKR, PAU, etc.

ATH 10 08:27:31.7, 39°07'N, 24°53'E, h27km, 1km, ML2.0/7, Error ellipse: s-maj=1.8km s-min=0.9km az=349.0, ISCJB 10 08:27:32.4±0.7, 39°07'N, 02.24°E, 0.03, h10km, 5km, Error ellipse: s-maj=4.9km s-min=3.8km az=154.1, THE 10 08:27:32.4, 39°10'N, 24°54'E, h10km, 2km, ML2.0/6, Error ellipse: s-maj=2.1km s-min=0.9km az=223.0, ISC 10 08:27:32.1±1.0, 39°09'N, 02.03, 24.54E, 0.02, h18km, 3km, n24, 0°54/40, Aegean Sea

Table listing stations for ATH 10 08:27:31.7, 39°07'N, 24°53'E, h27km, 1km, ML2.0/7, Aegean Sea. Includes stations like SKY, SKY, ALNA, etc.

SKO 10 08:28:08.9, 43°35'N, 20°95'E, h0km, M2.0, ML2.5, ISCJB 10 08:28:08.5±0.2, 43°27'N, 01.20, 88E, 0.01, h5km, 2km,

Error ellipse: s-maj=2.1km s-min=1.7km az=161.8
PDG 10 08:28:09.4.0.3, 43.23N-20.87E, h16km, ML2.5/14, Error ellipse: s-maj=0.5km s-min=0.5km az=0.0

BE0 10 08:28:10.1.0.2, 43.23N-20.86E, h3km, ML2.7/18
SIK 10 08:28:10.2.43.23N-20.84E, h0km, M2.7
SAR 10 08:28:10.0.0.7, 43.22N-20.71E, h4km, ML2.6/1
ISC 10 08:28:09.6.0.9, 43.27N-0.02.20.85E, 0.01, h10km, 8km, n81, r139/147, 18C-23D, Northwestern Balkan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SELS Selova, IVAS Ivanjica, GRUZ Gruza, etc.

MORH Mrgy, Hungar 3.33 333 eSn
ARR Arges 3.43 51 iPs
ARR ARR 0.28 03.4 +0.2
ARR ARR 0.29 43.3 -0.5

GUC 10 08:33:25.9.0.6, 36.135-73.75W, h19km, 7km, ML3.7, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCHP San Pedro de C, etc.

ISCJB 10 09:39:20.8.0.6, 36.35N-0.04.26.57E, 0.03, h99km, 6km, Error ellipse: s-maj=7.3km s-min=3.7km az=162.3

ATH 10 09:39:20.6.36.33N-20.36E, h101km, 3km, ML2.6/9, Error ellipse: s-maj=3.8km s-min=1.9km az=191.0
ISK 10 09:39:21.1.36.31N-26.64E, h89km, 3km, ML2.5/12
THE 10 09:39:23.2.36.39N-26.52E, h87km, 23km, ML2.5/7, Error ellipse: s-maj=23.8km s-min=2.2km az=170.0

DDA 10 09:39:33.0.36.49N-27.94E, h7km, 2km, ML2.1, ISC 10 09:39:20.8.1.4, 36.36N-0.04.26.60E, 0.03, h102km, 11km, n47, r1509/65, Dodecanese Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ANAF Anafi Island, DAT Dacia, BODT Bodrum, etc.

comp=E, 15nm, 0.3s
VLI Veliai 2.97 278 P Pn 09 40 05.8 -0.4
AKUM Antalya-Kumluca 3.02 90 i P Pn 09 40 07.1 +0.2

ISCJB 10 09:57:51.4.1.1, 34.66S-0.03.72.92W, 0.05, h22km, 9km, mb3.6/4, MS2.9/2, Error ellipse: s-maj=7.3km s-min=4.5km az=18.1

IDC 10 09:57:51.3.1.1, 34.66S-0.03.72.83W, h0km, mb3.7/4, mb1.3/9.7, mb1mx3.8/20, mbmp3.7/7, ML3.8/3, MS3.1/5, Ms1.3/0.5, ms1mx2.8/23, Error ellipse: s-maj=32.7km s-min=28.0km az=115.0

NEIC 10 09:57:51.4.2.8, 34.67S-0.05.72.99W, 0.04, h27km, 6km, earthModelID quakeml:us.anss.org/earthmodel/ak135
GUC 10 09:57:53.2.0.4, 34.61S-0.05.72.89W, h27km, 3km, ML4.1
ISC 10 09:57:52.1.4.7, 34.69S-0.04.72.88W, 0.07, h16km, 29km, n42, r135/53, mb3.9/7, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GO05 Huala, GO05 Huala, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB06, PB09, PB03, PB14, PB04, PB10, PB01, PB02, PB07, PB08, PB11, PB12, LCO, etc.

IDC 10 10:14:43.2+0.8, 11:90N:142.88E, h0km, mb3.8/7, mb1 4.1/8, mb1mx3.7/53, mbtmp3.9/8, ML3.8/1, MS3.0/10, Ms1 3.0/10, ms1mx2.8/43, Error ellipse: s-maj=26.1km, s-min=18.1km, az=115.0

ISCJB 10 10:14:45.7+0.5, 11:91N:142.73E, h0.83km, MS3.0/16, Error ellipse: s-maj=13.4km s-min=6.4km, az=36.1

NEIC 10 10:14:48.7+1.4, 11:93N:142.17E, h0.10km, h39km, 10km, mb4.7/10, earthModelID quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, ANAZ, ANAV, KRVT, JHJ, JNU, JNU, JNU, H1N1, H1N2, H1N3, MJAR, MAJO, KARS, ERM, WR1, WRA, AS31, ASAR, CMAR, PETK, BBOO, MK32, MKAR, MAK2, MAKZ, KURK, PMR, ILAR, TGL, PPT, AVK1, AVK1, NVAR, NVAR.

FINES FITNESS Array B 91.86 335 LR LR 11 11 36.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAVC, KOLL, KOLL, VYHS, VYHS, MORC, MORC, LANS.

IDC 10 10:29:45.6+1.1, 6:37S:104.70E, h0km, mb3.9/10, mb1 4.1/11, mb1mx3.9/40, mbtmp3.9/11, ML3.9/1, MS2.9/1, Ms1 3.1/11, ms1mx2.4/36, Error ellipse: s-maj=47.7km, s-min=15.8km, az=48.0

NEIC 10 10:29:52.3+2.0, 6:35S:104.19E, h0.11km, h42km, 8km, mb4.2/8, earthModelID quakeml.us.anss.org/earthmodel/ak135

DJA 10 10:29:52.3+2.0, 6:35S:104.19E, h10km, M4.1/12, MLv4.1/12

ISCJB 10 10:29:53.0+0.7, 6:10S:108.105:37E:0.08, h60km, 5km, mb3.9/10, Error ellipse: s-maj=17.5km s-min=5.4km, az=136.7

ISC 10 10:29:53.4+1.1, 6:20S:105.105:36E:0.06, h44km, 11km, n48, c2806/51, mb4.0/13, Sunda Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CGJI, SBJJ, SBJJ, BLSI, BLSI, TNG, KLI, SKJI, SKJI, KLSI, KLSI, LWLI, MDSI, LEM, LEM, LEM, CISI, CISI, CISI, LHSI, MNAI, CMK, PPBI, XMIS, SOEI, PHET, PHET, SRAK, SRAK, SRAK.

FITZ Fitzroy Crossi 23.05 123 P P 10 34 57.6 +2.5

KNRA Kununurra 24.80 114 P P 10 35 14.0 +2.4

WRA Warramunga Arr 31.28 119 P P 10 36 11.2 +1.7

ASAR Alice Springs 32.47 125 P P 10 36 21.5 +1.5

ASAR Alice Springs 32.47 125 P P 10 36 20.9 +0.9

AS31 Alice Springs 32.48 125 P P 10 36 21.5 +1.5

STKA Stephens Creek 42.38 132 P P 10 37 47.9 +1.2

STKA Stephens Creek 42.38 132 P P 10 37 47.9 +1.2

USKR Unsurriyarr Arr 56.62 23 P P 10 39 29.8 -2.0

MK32 Makanchi Arr 56.60 341 P P 10 39 29.8 -2.0

MAR Malin Arr 86.06 322 P P 10 42 25.9 -3.6

LTX Lajitas 144.23 46 PKP PKPdf 10 49 25.5 +0.1

PRE 10 10:32:45.0+0.8, 21:22S:32.67E, h5km, ML3.3

ISC 10 10:32:48.7+3.4, 21:38S:0.10:32.4E:0.2, h10km, n11, c2819/21, Mozambique

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATP, MATP, MATP, PRYS, PRYS, PRYS, LBTB, LBTB, LBTB, ITZ, SWZ, SWZ, SWZ, BOSA, BOSA, BOSA, BOSA, UPI, UPI, UPI, ARMS, ARMS, ARMS.

ISCJB 10 10:43:38.2+0.9, 45:9S:0.2:95.6E:0.3, h12km, mb3.6/4, MS3.8/1, Error ellipse: s-maj=29.9km s-min=17.3km, az=37.2

IDC 10 10:43:39.2+1.5, 45:88S:95.78E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/34, mbtmp3.6/4, MS3.8/1, Ms1 3.8/1, ms1mx3.0/16, Error ellipse: s-maj=49.6km s-min=30.0km, az=131.0

NEIC 10 10:43:40.0+2.0, 45:9S:0.1:95.8E:0.1, h10km, 1km, mb4.1/6, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 10 10:43:40.2+1.1, 45:1S:0.2:95.9E:0.3, h12km, n20, c0544/13, mb3.9/7, Southeast Indian Ridge

H01W2 Cape Leeuwin H 17.77 58 T T 11 05 59.0

H01W3 Cape Leeuwin H 17.78 58 T T 11 06 01.8

H01W1 Cape Leeuwin H 17.79 58 T T 11 06 02.0

ASAR Alice Springs 37.88 67 P P 10 50 58.0 +1.0

AS31 Alice Springs 37.88 67 P P 10 51 58.8 +1.7

WRA Warramunga Arr 40.87 63 P P 10 51 22.2 +0.2

WRAB Tennant Creek 40.88 63 P P 10 51 22.5 +0.3

BATI Baumata 42.88 42 LR LR 11 08 29.6

H08S2 Diego Garcia H 43.23 325 T T 11 37 32.3

H08S1 Diego Garcia H 43.24 325 T T 11 37 32.3

H08S3 Diego Garcia H 43.25 325 T T 11 37 32.4

ISCJB 10 10:44:37.1+0.7, 45:8S:0.1:95.7E:0.2, h12km, mb3.9/5, MS3.3/2, Error ellipse: s-maj=25.5km s-min=13.8km

IDC 10 10:44:37.3+1.2, 45:89S:95.72E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.4/34, mbtmp4.0/5, MS3.3/2, Ms1 3.3/2, ms1mx3.0/20, Error ellipse: s-maj=47.7km s-min=23.3km, az=121.0

NEIC 10 10:44:39.0+0.8, 45:94S:0.09:95.85E:0.06, h10km, 1km, mb4.6/8, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 10 10:44:39.1+1.0, 45:9S:0.2:95.8E:0.3, h12km, n24, c0544/17, mb4.2/7, Southeast Indian Ridge

H01W2 Cape Leeuwin H 17.75 58 T T 11 06 56.0

H01W3 Cape Leeuwin H 17.76 58 T T 11 06 55.3

H01W1 Cape Leeuwin H 17.78 58 T T 11 06 57.4

ASAR Alice Springs 37.88 67 P P 10 51 56.3 +0.3

ASAR Alice Springs 37.88 67 P P 10 51 56.5 +0.5

AS31 Alice Springs 37.88 67 P P 10 51 55.8 +0.2

WRA Warramunga Arr 40.86 64 P P 10 52 20.9 0.0

WRA Warramunga Arr 40.86 64 P P 10 52 20.9 0.0

WR1 Warramunga Arr 40.86 64 P P 10 52 21.2 +0.3

WRAB Tennant Creek 40.88 64 P P 10 52 21.2 +0.3

H08S2 Diego Garcia H 43.08 325 T T 11 38 30.0

H08S1 Diego Garcia H 43.08 325 T T 11 38 29.0

H08S3 Diego Garcia H 43.10 325 T T 11 38 30.6

QSPA South Pole Qui 44.24 180 P P 10 52 48.1 +0.1





Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include SONM Sogino Array, TAOE Nuku Hiva Isla, CLL Collin, etc.

JMA 10 12:29:57.6, 0.1, 25.00N-123.35E, h30km, M2.9
IDC 10 12:29:58.4, 1.3, 24.49N-122.84E, h0km, mb3.4/4, mb1 3.6/5, ms1mx3.4/38, mbtmp3.4/5, ML2.6/1, MS2.8/3, Ms1 2.8/3, ms1mx2.5/25, Error ellipse: s-maj=70.0km s-min=21.1km az=69.0

ISCJBJ 10 12:29:59.3, 1.3, 24.89N-123.10E, h10km, M2.9, h28km, 10km, mb3.4/4, MS2.6/1, Error ellipse: s-maj=16.1km s-min=6.6km az=8.8

ISC 10 12:29:59.0, 1.5, 24.85N-123.07E, h123.43E-0.04, h14km, 10km, n14, c063/18, mb3.4/4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include YOJ Yonaguni jima, IRIF Iriomote-Funau, JYNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include CBYP Canovanas, HUMP Col San Antoni, MTP Monte Pirata, etc.

ISK 10 12:35:40.3, 38.16N-38.22E, h22km, ML1.8/4
DDA 10 12:35:41.8, 38.18N-38.23E, h7km, 2km, ML2.7
ISC 10 12:35:41.7, 1.1, 38.15N-38.24E, 0.03, h10km, 9km, n11, c082/21, Turkey

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include MALT Malatya, AKCAD Akcadag, ELZG Elazig, etc.

NEIC 10 12:44:33.9, 2.8, 14.57N-92.24W, 0.06, h74km, 6km, earthModelID quakemilus.ans.org/earthmodel/ak135

ISCJBJ 10 12:44:33.4, 0.4, 14.63N-92.19W, 0.04, h81km, 3km, mb3.8/6, Error ellipse: s-maj=8.9km s-min=3.4km az=35.2

IDC 10 12:44:34.0, 0.9, 14.43N-92.26W, h59km, 11km, MD3.9, mb1 4.0/10, mb1mx3.7/36, mbtmp4.1/10, MS2.7/7, Ms1 3.2/7, ms1mx2.9/30, Error ellipse: s-maj=17.8km s-min=7.6km az=27.0

SNET 10 12:44:34.5, 0.9, 14.57N-92.14W, h66km, 5km, ML4.5, GGG 10 12:44:36.0, 0.5, 14.63N-92.12W, h57km, 8km, MD4.6

ISC 10 12:44:34.1, 0.8, 14.61N-92.22W, 0.05, h71km, 6km, n99, c1925/114, mb4.1/16, 1C, Near coast of Chiapas

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include THIG Thig, STG3 Santiago 3, ERG Entre ros, etc.

APG 63nm, 0.3s, baz=298, slow=14, SNR=7.5

IXG Ixcapac, NBG Las Nubes, MOYG Moyuta, Jutiap, MOYG Moyg, TGIG Tgig, MRL Marmol, etc.

OSPL 10 12:34:22.4, 18.41N-68.94W, h153km, 43km, ML2.8

ISC 10 12:34:20.0, 1.6, 18.56N-69.09E, 68.98W, 0.04, h168km, 11km, n43, c1928/69, 7C-4D, Mona Passage

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include DR12 Loma Pena Alta, DR12 Loma Pena Alta, SDD Santo Domingo, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include UALR University of, X48A Hartselle, GOGA Godfrey, etc.

TKL Tuckaleehne C 22.29 18 P P 12 49 24.7 -0.8

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include 121A Cooke Peak, CCM Cathedral Cave, etc.

BNM Barren Site 23.41 329 P P 12 49 35.4 -1.9

ANMO Albuquerque 23.97 330 P P 12 49 42.4 +0.3

ANMO Albuquerque 23.97 330 P P 12 49 41.7 -0.5

SJG San Juan 25.24 79 LR LR 13 00 27.4

OS1A Peoes 25.55 16 P P 12 51 05.1 -1.2

ATAH Atahuapa 25.59 147 P P 12 49 59.4 +2.1

MVCO Mesa Verde 26.77 330 P P 12 50 05.0 -2.5

Q24A Divide 26.80 337 P P 12 50 05.8 -2.2

WUAZ Wupatki 27.00 324 P P 12 50 11.2 +1.6

NV11 Mina Array Sit 32.98 321 P P 12 51 04.2 +1.8

NVAR Mina Array Bea 33.07 321 P P 12 51 04.8 +1.6

NVAR 33.07 321 P P 12 51 05.0 +1.8

NVAR 33.34 322 P P 12 51 07.0 +1.5

KVN Kaiserville 33.34 322 P P 12 51 07.0 +1.8

YERR Yerington 33.99 321 P P 12 51 12.2 +1.0

P10A Pine Nut 34.27 321 P P 12 51 14.6 +0.9

FNTR Beach Ranch, E 37.68 331 P P 12 51 42.5 0.0

LPZA La Paz 38.84 141 P P 12 51 52.3 -1.0

SCHO Schefferville 44.73 21 LR LR 13 12 20.3

YKA 50.39 347 LR LR 13 18 16.1

DAWY Dawson 59.03 338 P P 12 54 26.2 -0.3

BCAR Beaver Creek 59.40 336 P P 12 54 29.0 +0.1

INIK Inuvik 59.80 344 P P 12 54 31.4 -0.1

IL31 62.20 337 P P 12 54 57.8 0.0

ILAR Eielson Array 62.20 337 P P 12 54 46.8 -1.1

ILAR Eielson Array 62.20 337 P P 12 54 47.2 -0.7

BMAR Burnt Mountain 62.65 340 P P 12 54 50.8 -0.1

MDM Murphy Dome 62.80 337 P P 12 54 51.7 -0.2

BPAW Bear Paw Mtn. 63.53 335 P P 12 54 56.3 -0.5

PPLA Turkeypile 63.59 334 P P 12 54 56.5 -0.9

TOLK Tolk Lake 64.88 340 P P 12 55 05.5 -0.1

IMAR Indian Mountain 65.32 337 P P 12 55 07.2 -1.2

ARCES ARCES Array B 85.62 18 LR LR 13 36 55.3

WRA Warramunga Arr 135.34 256 PKP PKPdf 13 03 45.1 -1.5

ASAR Alice Springs 135.67 251 PKP PKPdf 13 03 45.8 -1.4

CMAR Chiang Mai Arr 145.35 341 PKPbc PKPbc 13 04 03.8 -0.8

ISCJBJ 10 12:46:04.9, 0.5, 24.26N-102.121.74E-0.03, h13km, 3km, Error ellipse: s-maj=4.4km s-min=4.2km az=165.4

TAP 10 12:46:04.5, 24.27N-121.72E, h14km, 1km, ML3.0, C

JMA 10 12:46:04.2, 2.1, 0.2425N-103.12174E, h11km, 4km, M2.6

ISC 10 12:46:04.2, 1.0, 24.25N-103.12174E, 0.04, h16km, 8km, n21, c063/39, 1C-3D, Taiwan

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, H, M, S, Res, ISC. Rows include NACB Ninganchiao, ENA Nanau, ENA Nanau, etc.

10d 14h

Table with columns: NWLT, Wulai, Toucheng, NTC, YJNG, YONJ, YJIF, IRJF. Includes station names, codes, and time/res data.

BEO 10 13:11:37.3, 0.2, 43.24N, 20.86E, h4km, 2km, ML2.7/18
SIK 10 13:11:37.5, 0.2, 43.24N, 20.86E, h9km, M2.8
SAR 10 13:11:38.0, 0.7, 43.24N, 20.71E, h5km, 2km, ML2.6/1
TIR 10 13:11:41.7, 42.94N, 20.91E, h6km, M2.9/3
ISC 10 13:11:36.6, 1.0, 43.26N, 0.02, 20.84E, 0.02, h7km, 9km, n51, c1519/85, 10C-3D, Northwestern Balkan Peninsula

Main table for 10d 14h section, listing station names, codes, and time/res data for various stations like SELS, IVAS, SVIS, etc.

IDC 10 13:16:29.1, 9.655S, 143.16E, h0km, mb3.7/2, mb1 3.7/5, mb1mx3.5/2.1, mbtmp3.6/5, ML3.5/2, MS3.3/1, Ms1 3.3/1, ms1mx2.6/25, Error ellipse: s-maj=37.6km s-min=33.3km az=82.0, New Guinea

Table for IDC 10 13:16:29.1, listing station names, codes, and time/res data for stations like PMG, WRA, ASAR, FITZ, etc.

ISK 10 13:46:21.3, 41.44N, 35.98E, h5km, ML2.9/9
DDA 10 13:46:22.2, 41.34N, 35.84E, h19km, 1km, ML3.1
ISC 10 13:46:22.7, 1.41, 39N, 0.04, 35.92E, 0.03, h13km, 8km, n24, c1941/40, Turkey

Table for IDC 10 13:46:22.7, listing station names, codes, and time/res data for stations like SAMS, KVT, HAVZ, etc.

2013 SEP

Table for 2013 SEP section, listing station names, codes, and time/res data for stations like ERBA, KAGI, TOKA, etc.

MEX 10 14:18:59.6, 0.7, 16.85N, 95.31W, h100km, 7km, MD3.8, Oaxaca

Table for MEX 10 14:18:59.6, listing station names, codes, and time/res data for stations like CMIG, HUIG, VISTA, etc.

ISCJB 10 14:31:43.0, 1.1, 15.5S, 0.2, 67.0E, 0.2, h10km, mb3.9/9, MS3.4/5, Error ellipse: s-maj=32.0km s-min=14.4km az=3.4

Table for ISCJB 10 14:31:43.0, listing station names, codes, and time/res data for stations like H0ES1, H0ES2, etc.

NEIC 10 14:31:45.3, 1.7, 15.5S, 0.3, 67.1E, 0.2, h10km, n36, c0511/22, mb4.2/11, MS3.5/5, Mid-Indian Ridge

Table for NEIC 10 14:31:45.3, listing station names, codes, and time/res data for stations like H0ES1, H0ES2, etc.

ISC 10 14:53:18.6, 0.4, 45.89S, 0.09, 95.87E, 0.09, h12km, n70, c0592/53, mb4.8/18, MS4.2/22, 1-1C, D, Southeast Indian Ridge

Main table for 2013 SEP section, listing station names, codes, and time/res data for stations like H0W2, H0W3, etc.

IDC 10 14:41:52.0, 25.0, 15.25S, 67.24E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.5/4, mbtmp3.8/4, MS3.3/1, Ms1 3.3/1, ms1mx2.6/38, Error ellipse: s-maj=837.8km s-min=33.7km az=58.0, Mid-Indian Ridge

Table for IDC 10 14:41:52.0, listing station names, codes, and time/res data for stations like H0S1, H0S2, etc.

632

IDC 10 14:50:15.4, 5.1, 30.33S, 177.72W, h46km, 40km, mb3.9/3, mb1 4.1/3, mb1mx3.6/35, mbtmp4.1/3, MS3.8/1, Ms1 3.8/1, ms1mx2.7/30, Error ellipse: s-maj=58.6km s-min=32.5km az=117.0

NEIC 10 14:50:16.4, 2.3, 30.13S, 0.09, 177.67W, 0.08, h62km, 9km, mb4.6/6, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 10 14:50:14.0, 1.8, 30.26S, 0.08, 177.5W, 0.2, h35km, n19, c2908/18, mb4.4/6, Kermadec Islands

Table for IDC 10 14:50:15.4, listing station names, codes, and time/res data for stations like RAO, RAOI, etc.

ISCJB 10 14:53:18.6, 0.4, 45.89S, 0.09, 95.87E, 0.10, h12km, mb4.2/8, MS4.3/22, Error ellipse: s-maj=11.4km s-min=7.6km az=136.5

NEIC 10 14:53:17.3, 1.2, 45.9S, 0.1, 95.88E, 0.08, h3km, 3km, mb5.0/22, earthModelID quakeml.us.anss.org/earthmodel/ak135

IDC 10 14:53:17.2, 0.7, 45.84S, 95.91E, h0km, mb4.3/8, mb1 4.4/8, mb1mx4.1/37, mbtmp4.3/8, MS4.1/18, Ms1 4.1/18, ms1mx4.0/31, Error ellipse: s-maj=26.1km s-min=19.1km az=133.0

GCMT 10 14:53:20.3, 0.3, 45.90S, 0.01, 95.87E, 0.02, h18km, 1km, MW5.0/96, Moment Tensor Solution, s34.c39; s96.c131; D/0 Moment tensor: Scale 10^18N; Mr:0.01, 12; Mw:2.85; 12; Mw:2.84; 12; Mw:1.52; 29; Mw:1.20; 09; Mw:0.19; 24; Best double couple: Ms3.41900, 10^16 Np2:0.235, 0.00000, 0.82, 0.00000, -2.23, 0.00000, NP2:0.329, 0.00000, 0.68, 0.00000, -1.71, 0.00000. Principal axes: T 3.160, P1g10.0000, Azm284.0000, N 0.5020, P1g66.0000, Azm36.0000, P -3.6720, P1g22.0000, Azm190.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 14:53:18.6, 0.4, 45.89S, 0.09, 95.87E, 0.09, h12km, n70, c0592/53, mb4.8/18, MS4.2/22, 1-1C, D, Southeast Indian Ridge

Main table for 632 section, listing station names, codes, and time/res data for stations like H0W2, H0W3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LBTB, DZM, PBKT, LSZ, CMAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAW, OGWZ, HOWZ, MTW, MSWZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRI, WRA, WRAB, SIJI, BRTR, etc.

ISCJB 10 14:56:06.3±0.4, 34.02N±0.03; 135.64E±0.03, h69km, 3km, mb3.4/3, Error ellipse: s-maj=5.8km s-min=4.1km az=172.0

IDC 10 14:56:06.1±2.3, 34.03N±1.35; 63E, h54km±17km, mb3.1/3, mb1.3/4.7, mb1mx3.2/59, mbtmpp3.4/7, ML3.6/3, MS3.2/1, Ms1.3/2.1, ms1mx2.0/17, Error ellipse: s-maj=13.8km s-min=8.3km az=176.0

JMA 10 14:56:07.7±0.4, 34.02N±1.35; 66E, h61km, 1km, M3.2 Broadband fault plane solution: P waves, NP1: 0.3±96.00000°, 8.6±0.00000°, A-103.00000°, NP2: 0.3±96.00000°, 8.2±0.00000°, A-61.00000°. Principal axes: T Plg22.0000°, Azm85.0000°, N Plg12.0000°, Azm350.0000°, P Plg65.0000°, Azm233.0000°

JMA Felt J1, ISC 10 14:56:07.3±0.9, 34.02N±0.04; 135.65E±0.03, h62km±6km, n31, 0.963/41, mb3.5/3, 8C-7D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JWY, JWC, JNY, etc.

ISCJB 10 15:09:23.5±0.5, 20.29S±0.09; 66.20E±0.07, h10km, mb4.2/15, MS3.9/14, Error ellipse: s-maj=13.1km s-min=10.1km az=0.0

IDC 10 15:09:26.6±0.7, 20.05S; 66.65E, h0km, mb4.1/15, mb1.4/3.15, mb1mx4.0/50, mbtmpp4.1/15, MS3.8/14, Ms1.3/8.1/4, ms1mx3.6/38, Error ellipse: s-maj=24.9km s-min=16.8km az=60.0

NEIC 10 15:09:27.1±0.9, 20.3S±0.1; 66.2E±0.1, h20km±4km, mb4.6/16, earthModelID quakeml: us.anss.org/earthmodel/ak135

GCMT 10 15:09:32.1±0.5, 20.17S; 0.03; 66.33E±0.03, h26km±2km, MV4.9/77, Moment Tensor Solution, s21, c21; s77, c97; Duration: Moment tensor: Scale 1016Nm; Mr=0.91±.22; Ms3.07±.18; Mw=2.16±.16; Mm=0.34±.34; Mb=0.36±.15; Best double couple: M2: 85100±5.2 NP1: 34.44.00000°, 8.5±0.00000°, A-13.00000°, NP2: 0.236.00000°, 8.77.00000°, A-175.00000°. Principal axes: T 3.2870, Plg6.0000°, Azm191.0000°, N -0.8770, Plg76.0000°, Azm303.0000°, P -2.4140, Plg13.0000°, Azm99.0000°, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 15:09:26.8±0.6, 20.25S±0.1; 66.33E±0.1, h10km±62, n129/49, mb4.4/24, MS3.9/14, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MRIV, RER, H08S1, etc.

IDC 10 15:14:17.7±5.1, 7.58S; 117.17E, h47km±53km, mb3.1/3, mb1.3/5.4, mb1mx3.1/34, mbtmpp3.4/4, ML3.3/1, MS3.2/1, Ms1.3/2.1, ms1mx2.6/28, Error ellipse: s-maj=39.5km s-min=21.2km az=59.0, Bali Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAPI, DAV, WRA, etc.

MEX 10 15:18:08.9±0.3, 15.75N; 95.71W, h12km±18km, MD3.5, Near coast of Oaxaca

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

WEL 10 14:58:18.7, 41.05N±1.0; 175E±1.0, h28km±2km, M3.3/23, ML3.7/19, MLV3.3/23, Error ellipse: s-maj=0.0km s-min=0.0km az=92.4, North Island

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

ISCJB 10 15:29:42.2±0.8, 33.40N±4.7; 82E, h14km±6km, ML2.9

THR 10 15:29:45.1, 33.60N±4.7; 75E, h16km, ML2.0

ISCJB 10 15:29:42.0±0.8, 33.54N±4.0; 77E±0.05, h25km, Error ellipse: s-maj=13.8km s-min=6.0km az=173.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IBDR Badra, SNGE Sanadang, KHMZ Khomeng, etc.

ISC/JB 10 15:30:38.20.7, 19.1S; 0.2; 179.3W; 0.1, h650km, mb3.8/12, Error ellipse: s-maj=26.0km s-min=12.8km az=154.7

IDC 10 15:30:40.9.1, 19.16S; 179.25W, h672km, 2/2km, mb3.1/11, mb1 3.3/12, mb1mx3.2/28, mbtmp4.1/12, Error ellipse: s-maj=22.5km s-min=12.3km az=150.0

ISC 10 15:30:39.5.0.8, 19.2S; 0.2; 179.2W; 0.1, h650km, n18, r141/21, mb3.7/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HNR Honiara, CTA Charters Tower, etc.

IDC 10 15:39:28.2.6.7, 26.28S; 29.16E, h0km, mb1 2.6/1, mb1mx2.6/37, mbtmp2.5/1, ML2.0/1, Error ellipse: s-maj=48.0km s-min=30.6km az=87.0, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBTB Latabee, LBTB 0.1nm, BOSA Boshof, etc.

DJA 10 15:40:02.3.0.4, 9.5S; 7.11E, h96km, 5/5km, M3.7/9, mb4.1/1, MLV3.6/9, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DNP Denpasar, IGBI Singaraja, PLAI Plampang, etc.

GCG 10 15:46:48.4.0.6, 13.46N; 92.59W, h38km, MD3.5, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STG3 Santiaguito 3, FUG Fuego 3, XG Ixpaco.

DJA 10 15:53:19.6.0.3, 1.52S; 12.2E, h10km, M4.0/6, mb4.2/1, MLV3.9/6

ISC/JB 10 15:53:20.9.0.6, 0.57S; 0.06E; 121.87E; 0.05, h49km, mb3.4/4, Error ellipse: s-maj=8.3km s-min=7.3km az=144.5

NEIC 10 15:53:21.7.0.9, 0.58S; 0.10E; 122.02E; 0.10, h42km, 15km, mb4.1/3, earthModelId, quakeml.us.anss.org/earthmodel/ak135

IDC 10 15:53:23.0.2.8, 0.60S; 121.96E, h47km, 30km, mb3.2/4, mb1 3.5/6, mb1mx3.2/30, mbtmp3.5/6, ML3.8/2, MS2.6/2, Ms1 2.6/2, ms1mx2.3/16, Error ellipse: s-maj=24.8km s-min=21.1km az=81.0

ISC 10 15:53:22.4.0.8, 0.62S; 0.09E; 121.88E; 0.07, h49km, n23, r173/25, mb3.5/5, Minahassa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNSI Bone, KAPI Kappang, KAPI 0.9nm, etc.

ISC/JB 10 16:04:13.6.0.3, 24.25N; 0.02E; 122.96E; 0.02, h42km, 7km, Error ellipse: s-maj=3.8km s-min=2.3km az=178.4

TAP 10 16:04:13.8.24.29N; 122.91E, h39km, ML3.2, C, JMA 10 16:04:13.8.0.1, 24.31N; 122.96E, h48km, 1km, M2.9

ISC 10 16:04:14.1.1.2, 24.27N; 0.03E; 122.96E; 0.02, h42km, 7km, n87, r130/164, Taiwan region

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

NTC Toucheng, NTC Datong, TIPB Shuangxi, TIPB Shuangxi, NACB Ninganchiao, NACB Ninganchiao, TWE Neicheng, TWE Neicheng, JISG Ishigajimahi, JISG Ishigajimahi, SLBB Yuanshan, SLBB Yuanshan, ENTT Nioudou, ENTT Nioudou, ENTT Xiulin Townshi, ENTT Xiulin Townshi, NDT Datong Townshi, NDT Datong Townshi, NWT Wulai, NWT Wulai, NWT Mucha, NWT Mucha, TWA Mucha, TWA Mucha, NNSB Datong, NNSB Datong, NNSB Nan Shan, NNSB Nan Shan, NNS Nan Shan, NNS Nan Shan, ESL Shilin, ESL Shilin, ESL Yeheng, ESL Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, NSK Sanguang, EGFH Guangfu, EGFH Guangfu, YM01 YM01, YM01 YM01, YM10 YM10, YM10 YM10, YM05 YM05, YM05 YM05, YM05 YM05, WHF Hehuan Shan, WHF Hehuan Shan, WHF Mucha, WHF Mucha, YM04 YM04, YM04 YM04, YH04 Ruisui, YH04 Ruisui

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HGSD Tarama, JTJ Tarama, CHGB Renai, CHGB Renai, TDCB Tech, TDCB Tech, EHY Hungye, EHY Hungye, WVDW WVDW, WVDW WVDW, YULB Yu-li, YULB Yu-li, YULB Yu-li, TWF1 Yuli, TWF1 Yuli, LIOB Emei, LIOB Emei, LIOB Emei, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, WHP Taichung City, WHP Taichung City, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, DPDB Guoxing, DPDB Guoxing, DPDB Guoxing, SSLB Suanglung, SSLB Suanglung, SSLB Suanglung, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, TMLT Yuchr, TMLT Yuchr, TYC Yuchr, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, YWU1 Lyutan, YWU1 Lyutan, YWU1 Lyutan, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Xinyi Township, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, ELDTW WJShushan, ELDTW WJShushan, WJWS Zhushan, WJWS Zhushan, TCU Taichung, TCU Taichung, ALS Alishan, ALS Alishan, ALS Alishan, WNT Mingjian, WNT Mingjian, WNT Mingjian, WNT Miyako jima 2, WNT Miyako jima 2, JMJ Miyako jima 2, JMJ Miyako jima 2, TTN Taitung, TTN Taitung, TTN Taitung, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, TWGBT Pinlang, TWGBT Pinlang, TWG Pinlang, TWG Pinlang, TWG Gukeng, TWG Gukeng, TWG Gukeng, WDLH Douliu, WDLH Douliu, WDLH Douliu, STYT Tauyuan, STYT Tauyuan, STYT Tauyuan, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, RLNB Erin, RLNB Erin, RLNB Erin, CHY Chiayi, CHY Chiayi, CHY Chiayi, SLGT Liugui, SLGT Liugui, SLGT Liugui, SLGT Hsiinying, SLGT Hsiinying, TWK Hsiinying, TWK Hsiinying, TWK Hsiinying, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Jiahsian, CHN1 Jiahsian, ECL Taimali, ECL Taimali, SNST Tainan City, SNST Tainan City, LAY Lan-yu, LAY Lan-yu, LAY Lan-yu, LAY Sandimen, LAY Sandimen, LAY Sandimen, SSD Sandimen, SSD Sandimen, MASBT Mashibulo, MASBT Mashibulo, MASBT Mashibulo, MASBT Anshuo, MASBT Anshuo, EAST Anshuo, EAST Anshuo, EAST Anshuo, HEN Hengchun, HEN Hengchun, HEN Hengchun



Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Rows include ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs, GEYT Alibeck, KDOK Kodiak Island, ILAR Eielson Array, KBZ Hubble, FINES FINESS Array B, FINES comp=Z,18nm,19.2s,baz=56,slow=37, BRTR Keskin Array B, HFS Hagfors, MLR Muntele Rosu, VRAC Vranov.

SJA 10 17:39:32.0:0.4,23:96S:66:81W,h206km,5km,ML2.6, MW2.8
ISCJB 10 17:39:33.4:1.3,23:93S:0:08:66:89W,0.06, h192km,14km, Error ellipse: s-maj=14.3km s-min=6.4km az=23.8

GUC 10 17:39:33.6:0.5,23:74S:67:26W,h240km,7km,ML3.8
ISC 10 17:39:31.7:2.8,23:96S:0:09:66:84W,0.06, h210km,23km,n19,0:98/30,9C,Jujuy Province

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Rows include SLA San Lorenzo, SLA Humahuaca, AZAP Zapla, YJA Yavi, LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, PB15 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, PB10 IPOC Station P, PB10 IPOC Station P, PB10 IPOC Station P, PB10 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

KRNET 10 18:09:44.2:0.1,39:02N:74:57E,mb3.4
SOME 10 18:09:44.0,39:18N:74:50E,h10km
NMC 10 18:09:46.9:1.5,39:31N:74:47E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=11.7km s-min=7.4km az=166.0

ISC 10 18:09:45.2:1.5,39:26N:0:08:74:50E,0.04,h10km,n45, 0:245/68,22C-15D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Rows include NRN Narin, NRN Aral, ARLS Aral, ARLS Kyzart, KZA Kyzart, KZA Kyzart, AML Almayashu, AML Almayashu, AML Almayashu, BTK Batken, BTK Batken, UCH Uchtor, UCH Uchtor, UCH Uchtor, ULHL Uhaloh, ULHL Uhaloh, ULHL Uhaloh, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, BOOM Boomskiye usch, BOOM Boomskiye usch, KBK Karagybulak, KBK Karagybulak, EKS2 Erkin-Say, EKS2 Erkin-Say, KDJ Kajisay, KDJ Kajisay, FRU1 Bishkek, FRU1 Bishkek, MRKS Merke, MRKS Merke, MRKS Merke.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Rows include TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, KST Kasteek, KST Kasteek, KST Kasteek, KST Kasteek, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, SGDS Sogindy, SGDS Sogindy, TNSN Tianshan, TNSN Tianshan, TNSN Tianshan, TNSN Tianshan, MDOK Medeo, MDOK Medeo, KOTS Kotyrbulak, KOTS Kotyrbulak, KOTS Kotyrbulak, KOTS Kotyrbulak, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, SATY Saty, SATY Saty, SATY Saty, SATY Saty, KK31 Keratyn Array, KK31 Keratyn Array, KK31 Keratyn Array, UZB Uzunbulak, UZB Uzunbulak, UZB Uzunbulak, PDGK Podgornyye, PDGK Podgornyye, PDGK Podgornyye, PDGK Podgornyye, AB31 Abkhal array, AB31 Abkhal array.

MEX 10 18:15:06.4:0.4,14:11N:92:12W,h24km,16km,MD3.8
SNET 10 18:15:08:1:0.8,14:12N:91:170W,h22km,69km,ML2.5
GCG 10 18:15:09:0:0.3,14:33N:91:69W,h32km,14km,MD3.5
ISC 10 18:15:03.2:2.6,14:11N:1:92:07W,0.08,h28km,15km,n9, 0:120/116,Near coast of Chiapas

ISCJB 10 18:46:21.0:0.4,25:84S:0:05:179:63E,0.06,h503km, mb4.3/15, Error ellipse: s-maj=7.1km s-min=6.3km az=176.9

IDC 10 18:46:21.2:0.9,25:75S:179:52E,h489km,11km, IXZ 18:46:21,mb 1.3/9/15,mb1mx3.7/29,mbtmp4.6/15, Error ellipse: s-maj=17.5km s-min=10.3km az=171.0

NEIC 10 18:46:22.6:2.6,26:0S:0:1:179:7E,0.1,h515km,7km, mb4.7/23,earthModellD quakeml.us.anss.org/earthmodell/ak135

ISC 10 18:46:21.5:0.5,25:33S:0:07:179:66E,0.07,h503km,n88, 0:156/98,mb4.7/26,South of Fiji Islands

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Rows include STG3 Santiago 3, THG THG, THG THG, FUG Fuego 3, IXG Ixpaco, IXG Ixpaco, PCIG PCIG, PCIG PCIG, CCIG Comitan, CCIG Comitan, TGIG TGIG, CMIG Matias Romero, CMIG Matias Romero, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, PINNC Pines Island, URZ Urewera, URZ Urewera, URZ Urewera, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, BKZ Birch Farm, BKZ Birch Farm, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, ARMA Armidale, ARMA Armidale, ARMA Armidale, EIDS Eidsvold.

Table with columns: EIDS, Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Rows include MGCDO Mangrove Creek, CNB Canberra Magna, RMQ Roma, CAN Canberra, MILA Canberra, CMSA Cobar Meteorol, TOO Toolara, TOO Toolangi, CTAO Charters Tower, CTAO Charters Tower, MTSU Mount Surprise, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, HTT Hallett, COEN Coen, COEN Coen, BB00 Buckleboe, BB00 Buckleboe, AS31 Alice Springs, AS31 Alice Springs, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, FORT Forrest, FORT Forrest, WRKA Warakurna, WRKA Warakurna, KDU Kakadu, KDU Kakadu, MTN Mantou Dam, MTN Mantou Dam, KNRA Kununurra, KNRA Kununurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FAKI Fak Fak, SOEI Soe, CASY Casey, JAGI Jajag, Banyuwana, MJAR Matushiro Arr, MAJO Matushiro, KSRS Koroa Array, KSAR Wonei Array, PETK Petropavlovsk, PEAI Petropavlovsk, NJ2 Nanjing, USRK Ussuriysk Ar, NV01 Mina Array Sit, NVAR Mina Array Bea, SZCU Shurtz Canyon, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, LTX Lajitas, TXAR Lajitas Array, CD2 Chengdu, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, KSH Kashi, KSH Kashi, ARCES ARCESS Array B, FINES FINESS Array B, NB2 NORSAR Subarray, NB2 NORSAR Subarray, BKAC01 Malin Array B, BKAC01 Malin Array B, BKAC01 Malin Array B, BKAC01 Malin Array B, BKAC01 Malin Array B, YHDS Yinhne, YHDS Yinhne, TOA1 Torodi Arr, TOA1 Torodi Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like THIG, ERG, FUG, PCIG, COMITAN, etc.

Table with columns: OUR, Aurantopolis, OUR, Aurantopolis, ALN, Alexandroupoli, DIVS, Divibare, etc.

Table with columns: DEV, Deva, DEV, Buzias, RZS, Enez, ISR, Istrita, etc.

Table with columns: TKM2, Tokmak 2, SNR=8.2, KST, Kasteak, 23nm,0.7s, etc.

Table with columns: IZV, Izvestkovity, 13nm,0.6s, DGS, Degeres, 23nm,0.5s, etc.

ISK 10 18:56:38.4, 43.06N-23.68E, h6km, ML3.2/12, SOF 10 18:56:39.0, 43.01N-23.59E, h10km, MD2.9

BE0 10 18:56:39.0, 43.06N-23.60E, h0km, ML3.0/12, THE 10 18:56:40.4, 43.09N-23.63E, h13km, ML3.0/4, Error ellipse: s-maj=14.3km s-min=1.3km az=353.0

DDA 10 18:57:05.0, 43.11N-23.56E, h14km, ML3.4, ISC 10 18:56:39.1, 43.02N-23.59E, h2km, ML3.0, n105, 013/33/136, 26C-19D, Bulgaria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BARS, Barje, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like VTS, Vitosha, etc.



Table with columns: Name, Time, Az, El, P, S, Res, and various other parameters. Includes stations like ENEZ, EDRB, SMTH, SRS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various other parameters. Includes stations like SRCK, TLCR, OZUR, etc.

Table with columns: Name, Time, Az, El, P, S, Res, and various other parameters. Includes stations like VAH, HTT, MTSU, BB00, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like FINES, VSU, NORSAR, etc.

KRNET 10 19:44:59.0-1.39,07N;74.70E,mb3.4
SOME 10 19:45:01.0, 39.33N;74.25E, h10km
NWC 10 19:45:03.0, 1.8, 39.41N;74.45E, h7km, 12km, mb4.0,

Main table of station data for the left column, including codes like NRN, ARLS, BTK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like MNBS, AB31.

NEIC 10 19:53:52.2-1.7, 14.17N;0.09;-91.95W;0.09, h50km, 19km,
earthModel/D quakem/us.anss.org/earthmodelak135

Main table of station data for the middle column, including codes like ERG, THIG, FUG, etc.

UCR 10 20:04:36.4-0.4, 8.88N;82.82W, h23km, 4km, MW2.6,
Panama-Costa Rica border region

Table of station data for the UCR region, including codes like BRUZ, EDSV, etc.

ISCJB 10 20:07:34.7-1.8, 6.5S;0.1;-152.1E;0.2, h37km, mb3.1/3,
Error ellipse: s-maj=3.1, 3km s-min=8.0km az=24.1

Main table of station data for the ISCJB region, including codes like KRVT, PMG, WRA, etc.

IDC 10 20:14:42.9-0.7, 5.04S;12.08W, h0km, mb3.5/4,
mb1 3.7/4, mb1mx3.4/4, mbtmp3.6/4, MS3.3/6, Ms1 3.3/6,

Main table of station data for the IDC region, including codes like H10N2, H10N1, etc.

MEX 10 20:34:09.1-0.9, 15.51N;-95.06W, h23km, 69km, MD3.8,
Near coast of Oaxaca

Main table of station data for the MEX region, including codes like CMIG, TGIG, etc.

ISCJB 10 20:51:11.8-1.1, 14.3N;0.1;-92.07W;0.07, h60km, 10km,
Error ellipse: s-maj=20.0km s-min=4.5km az=33.9

Main table of station data for the ISCJB region, including codes like ERG, THIG, IXG, etc.

IDC 10 20:57:24.4-0.8, 27.32N;143.48E, h0km, mb3.8/12,
mb1 4.1/15, mb1mx4.0/35, mbtmp3.9/15, ML3.5/3, MS2.6/5,

Main table of station data for the IDC region, including codes like CBIJ, CHIJ, etc.

ISCJB 10 20:57:29.4-0.5, 27.59N;0.03;-143.24E;0.05, h33km,
mb3.8/12, MS2.5/3, Error ellipse: s-maj=7.2km

Main table of station data for the ISCJB region, including codes like CBIJ, CHIJ, etc.

JMA 10 20:57:30.0-0.1, 27.38N;142.91E, h102km, M4.1,
ISC 10 20:57:30.5-0.7, 27.44N;0.06;-143.31E;0.08, h35km, n60,

Main table of station data for the JMA region, including codes like CBIJ, CHIJ, etc.

HHC Hu-ho-hao-te 29.31 305 P
CD2 Changdu 34.59 285 P

Main table of station data for the HHC region, including codes like HHC, CD2, etc.

Table with columns: KKAR, Karatay Array, 59.70 306, P, P, 21 07 32.4 +0.7, 21 07 33.6

MEX 10 20:58:44.5-0.5, 14:31N-92:05W, h64km±1km, MD3.9, Near coast of Chiapas

MEX 10 21:15:07.7±1.0, 18:05N-96:27W, h104km±1km, MD3.8, Veracruz

MEX 10 21:15:57.9-0.8, 14:36N-92:33W, h20km±86km, MD3.5, Near coast of Chiapas

SAR 10 21:32:33.4-0.3, 44:11N-16:77E, h4km±1km, ML2.5/1, BEO 10 21:32:33.3-0.6, 44:12N-16:75E, h0km, ML2.5/6

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

KHC Kasperske Hory, 5.51 338 eSN, Sn, 21 35 01.5 +2.8

JMA 10 21:44:13.7-0.5, 25:83N-140:97E, h44km, M4.2, Volcano Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJCB 10 22:01:29.7-0.3, 38:92N-0:02:15, 36E±0:03, h213km±2km, mb3.3/7, Error ellipse: s-maj=4.0km s-min=3.2km

LDG 10 22:01:29.7, 38:93N-15:39E, h213km, IDC 10 22:01:31.5-0.7, 38:99N-15:30E, h231km±10km, mb3.0/8

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC





WRA Warramunga Arr 42.46 274 P P 22 34 52.9 -0.3
FINES FINES Array B 145.238 38 PKPbc PKPpdf 22 46 25.3 -0.3

IGQ 10 22:48:44.1±0.4, 2°S, 3.8°W±0.1, h7km, MLV3.6, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations like COHC, COHC, SALLI, SALLI, etc.

ANF 10 22:49:57.8±0.1, 35°77'N, 117°59'W, h11km, 1km, ML3.0/32, Error ellipse: s-maj=1.1km s-min=0.9km az=78.0
NEIC 10 22:49:58.2±2.5, 35°76'N, 117°58'W, 0.03, h9km, 7km, earthModelID quakeml.us.anss.org/earthmodel/ak135

SCEDC 10 22:49:58.9, 35°76'N, 117°61'W, h9km
ISC 10 22:49:58.0±0.9, 35°76'N, 117°59'W, 0.02, h12km, 8km, n69, c1508/100, Central California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations like LRM, LRM, MPMC, MPMC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations like PASC, PASC, GMRC, GMRC, etc.

MEX 10 23:03:42.5±0.4, 17°25'N, 101°22'W, h15km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations like ZIIG, ZIIG, CAIG, CAIG, etc.

NIED 10 23:15:00, 22°70'N, 121°40'E, h20km, Mw3.9 Best double couple: M=8.02000e-10, N1=258.00000, P=323.00000, T=1.82.00000, N2=98.00000, T=868.00000

JMA 10 23:15:20.8±0.1, 22°72'N, 121°45'E, h23km, 3km, M3.9
ISCJB 10 23:15:20.4±0.3, 22°66'N, 121°47'E, 0.02, h24km, 2km, mb3.7/6, MS3.1/6, Error ellipse: s-maj=2.9km s-min=2.5km az=154.4

IDC 10 23:15:20.1±1.2, 22°99'N, 121°30'E, h0km, mb3.8/6, mb1.4/0.7, mb1mx3/6/32, mbtpm3.8/7, ML3.4/1, MS3.0/9, Ms1.3/1.9, ms1mx2.8/37, Error ellipse: s-maj=32.7km s-min=24.6km az=59.0

BUI 10 23:15:21.0±0.0, 22°71'N, 121°39'E, h34km, Ms3.4/2, M2.7, 3/1/1

TAP 10 23:15:21.5, 22°73'N, 121°37'E, h29km, ML4.3, C
NEIC 10 23:15:25.4±0.8, 22°97'N, 121°30'E, 0.08, h36km, 5km, mb4.0/6, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 10 23:15:21.7±0.9, 22°71'N, 121°41'E, 0.02, h23km, 7km, n161, c1524/201, mb4.0/10, MS3.1/6, 13C-3D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations like TTTN, TTTN, TWGT, TWGT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various seismic stations like SCZT, SCZT, SGLT, SGLT, etc.

Table with columns: VCHM, Qimej, 1.90 286 P, Pn, 23 15 52.3 -0.4, etc. Lists various stations and their coordinates.

Table with columns: GEYT, Alibeck, 55.73 301 P, P, 23 24 57.1 +0.4, etc. Lists stations like FIAO, FINES, NOA, etc.

Table with columns: BAMF, Morne Balai, 9.23 108 eP, Pn, 00 17 46.5 +1.5, etc. Lists stations like FDF, BIM, TRMF, etc.





11d 2h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like TRPA Tarpa, SORM Soroca, KKRAR Karatay Array, etc.

IDC 11 01:16:15.0±2.4, 36°18'S×106°23'W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.9/23, mbtmp3.7/4, MS4.0/9, MS1 4.0/9, ms1mx3.8/15, Error ellipse: s-maj=77.0km s-min=39.5km az=21.0.

ISCJB 11 01:16:16.2±2.9, 36°05'O±0.6:106°0'W±0.2, h15km, mb3.6/4, MS4.0/11, Error ellipse: s-maj=83.3km s-min=21.8km az=4.8

GCMT 11 01:16:26.0±0.3, 35°30'S×105°77'W±0.2, h22km±1km, MW4.9/104, Moment Tensor Solution. s44 c51; s104 c137; Duration: 0 Moment tensor: Scalar 1016Nm; Mn-0.31±.13; Mw-0.20±.10; M0-0.50±.10; Mo-1.3±.15; Mw-3.20±.10; Mw-0.06±.16; Best double couple: λ178.00000°, λ278.00000°, λ3183.00000°, λ488.00000°, λ1.000000°. Principal axes: T 3.3780, Plg2.0000, Azm48.0000; N -0.3100, Plg88.0000, Azm259.0000; P -3.0670, Plg1.0000, Azm138.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location: Triangular moment-rate function

ISC 11 01:16:19.2±2.1, 15°35'S×106°00.0±0.2, h15km, n18, e=242/7, mb3.7/4, MS3.9/11, Southern East Pacific Rise

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like RPN Rapa Nui, PLCA Paso Flores, LPAZ La Paz, TBI Tubuai, etc.

ISCJB 11 01:27:09.9±1.5, 22°13'S×0°05'68"W±0.1, h119km, 12km, Error ellipse: s-maj=15.9km s-min=8.4km az=177.6

GUC 11 01:27:09.4±0.7, 22°11'S×68°62'W, h114km, 4km, ML3.3 SJA 11 01:27:09.3±0.8, 22°08'S×68°62'W, h111km, 5km, ML3.5, MW3.5

ISC 11 01:27:11.2±2.4, 22°11'S×0°05'68'W±0.10, h107km, 15km, n16, e=64/31, 4C-2D, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like LVC Limon Verde, PB09 IPOC Station P, PB03 IPOC Station P, etc.

ISCJB 11 02:04:04.5±0.2, 27°78'N±0.02:105°56'W±0.02, h10km, mb4.0/9, MS3.2/9, Error ellipse: s-maj=3.0km s-min=2.6km az=29.3

NEIC 11 02:04:05.4±2.6, 27°75'N±0.04:105°56'W±0.04, h3km±2km, mb3.9/46, Md4.5(MEX), earthModelID=3 quakem:us.anss.org/earthmodelID/ak135

IDC 11 02:04:05.1±0.9, 27°85'N±0.05:68°W±0.0, mb4.0/9, mb1 4.1/4, mb1mx3.9/44, mbtmp3.9/14, ML3.7/5, MS3.3/13,

2013 SEP

M 1 3.2/13, ms1mx3.1/40, Error ellipse: s-maj=14.4km s-min=8.7km az=159.0

MEX 11 02:04:07.2±0.2, 27°77'N±0.05:61'W, h8km±4km, MD4.5 ISC 11 02:04:06.2±0.5, 27°77'N±0.03:105°56'W±0.04, h10km, n17, e=177/184, mb4.0/14, MS3.3/9, Northern Mexico

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like HPGI HPGI, HPGI HPGI, HPGI HPGI, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like KVN KVN, PBMO Poplar Bluff, PBMO Poplar Bluff, etc.

ISCJB 11 02:09:04.2±1.8, 14°39'N±1.91:91°W±0.08, h57km±22km, Error ellipse: s-maj=24.4km s-min=7.1km az=29.4

MEX 11 02:09:04.5±0.4, 14°14'N±1.91:88°W, h48km±27km, MD3.6 GCG 11 02:09:05.3±0.3, 14°37'N±1.91:91°W, h62km±25km, MD3.3

ISC 11 02:09:04.7±2.2, 14°22'N±0.2:91°W±0.09, h49km±33km, n6, e=63/11, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Res. Includes stations like STG3 Santiago 3, THIG THIG, THIG THIG, etc.

IDC 11 02:16:15.2±2.7, 26°61'N±144°19'E, h0km, mb3.9/13, mb1 4.1/15, mb1mx4.0/39, mbtmp3.9/15, ML3.5/2, MS3.0/6,

M 1 3.1/6, ms1mx2.7/39, Error ellipse: s-maj=20.1km s-min=16.5km az=66.0

NEIC 11 02:16:15.2±2.6, 26°61'N±144°05'E±0.10, h17km±4km, mb4.2/17, earthModelID=3 quakem:us.anss.org/earthmodelID/ak135

ISCJB 11 02:16:16.2±0.4, 26°67'N±0.06:144°10'E±0.06, h35km,

mb3.9/12,MS3.1/4, Error ellipse: s-maj=9.0km

s-min=6.7km az=22.7

JMA 11 02:16:17.8,26.90N,143.89E,h105km,M4.0

ISC 11 02:16:17.8,0.6,26.76N,143.89E,h105km,m59,

s=149/57,mb4.1/18,MS3.1/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Haha-jima-NKT2, Chichijima, Chichiji jima, Chichijima, Chichijima, etc.

ms1mx3.0/25, Error ellipse: s-maj=103.5km

s-min=20.4km az=149.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mont Dzumac, Papete, Stephens Creek, Warrungu Arr, etc.

GUC 11 02:33:52.0,1.1, 37.86S-73.91W, h35km,4km, ML3.9,

Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Pedro de C, Chillan, Cobquecura, Curarehue, etc.

IDC 11 02:45:31.3,10.0,26.70N-144.49E,h0km,mb3.6/4,

mb1.3/7.4,mb1mx3.4/25,mbtmp3.6/4, Error ellipse:

s-maj=395.3km s-min=25.3km az=72.0, Bonin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Songoing Array, Warrungu Arr, etc.

IDC 11 03:02:09.0,9.9,40.45N-73.04E,h0km,mb3.7/8,

mb3.3/8.15,mb1mx3.6/48,mbtmp3.7/15,ML3.5/7,MS3.3/2,

MS1.3/3.2,ms1mx2.5/36, Error ellipse: s-maj=16.7km

s-min=11.5km az=154.0

KRNET 11 03:02:12.0,10.1,40.62N-73.03E,h16km,mb4.2

MOS 11 03:02:12.3,1.8,40.62N-72.85E,h19km,mb4.0/1, Error

ellipse: s-maj=14.9km s-min=7.2km az=94.8

SOME 11 03:02:12.7,40.53N-73.08E,h10km,MS3.4

NINC 11 03:02:15.5,1.2,40.77N-73.01E,h12km,8km,mb4.5,

mpv4.3, Error ellipse: s-maj=10.3km s-min=4.0km

az=176.0

BUI 11 03:02:16.0,0.0,40.90N-73.00E,h13km,ML3.7/5

ISC 11 03:02:09.9,1.2,40.54N-0.003-73.08E,0.02,h1km,8km,

n119, s1956/162,mb3.7/8,360-31D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Arslanbob, Arkit, Aral, Alayashu, etc.

baz=28

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Taraz, Chumysh, Ozpenovka, Ushakovskaya, etc.

ISCJB 11 02:24:57.0,0.7, 18.91N-101.145E,0.1,h214km,

mb3.6/16, Error ellipse: s-maj=18.6km s-min=13.9km

az=179.3

IDC 11 02:25:06.2,3.9, 18.94N-145.35E,h291km,39km,

mb3.4/16,mb1.3/5.18,mb1mx3.4/43,mbtmp4.0/18, Error

ellipse: s-maj=20.6km s-min=13.3km az=100.0

ISC 11 02:24:58.3,0.9,18.93N-0.1145E,0.2,h214km,n18,

s=1909/18,mb3.7/16, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kunigami, Matsushiro Arr, Korea Arr, etc.

IDC 11 02:31:03.5,1.5,15.76S-172.46W,h0km,mb3.7/7,

mb1.4/0.7,mb1mx3.9/30,mbtmp3.7/7,MS3.5/4,Ms1.3/5.4,

11d 4h

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

IGQ 11 03:15:00.8-0.9,2'S,8°0'W,1h1km,ML4.0,Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COHC Cochancay, IGUA Iguatata, BMAS Trigal station, etc.

2015 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NASS Nasa, BTAM Cotopaxi Volca, BVCC Cotopaxi Volca, etc.

NEIC 11 03:15:18.7-2.1,27.73N,0.03-105.67W,0.02,h10km,3km, mb4.2/7,Md4.3(MEX),earthModelID quakemi.us.ans.org/earthmodel/ak135

IDC 11 03:15:19.8-2.2,27.91N,105.72W,h0km,mb3.4/1, mb1 3.6/5,mb1mx3.5/3.4,mbtmp3.2/5,ML3.6/4,MS3.0/5, Ms1 3.0/5,ms1mx2.7/25,Error ellipse: s-maj=26.0km, s-min=11.6km az=168.0

MEX 11 03:15:21.1-0.2,27.77N,105.56W,h10km,4km,MD4.4 ISC 11 03:15:20.0,1.6,27.77N,104.105.52W,0.04,h2km,1.9km,nb3,192/85,mb4.2/7,IC,Northern Mexico

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

JMA 11 04:00:29.3-0.9,33.51N,125.21E,h42km,M4.1,South Korea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFU Fukue jima 2, JFU Fukue jima 2, JFU Fukue jima 2, etc.

ISCJJB 11 04:03:51.1-0.3,51.54N,0.02-167.08E,0.02,h0km,Error ellipse: s-maj=2.3km s-min=2.0km az=42.0

IPEC 11 04:03:52.5-0.3,51.60N,167.22E,h0km,ML2.4/3,Error ellipse: s-maj=3.1km s-min=1.6km az=69.0

IDC 11 04:03:53.9-0.9,51.54N,15.93E,h0km,mb1 3.2/6, mb1mx3.1/4,mbtmp3.6/2,ML2.8/6,Error ellipse: s-maj=14.8km s-min=8.9km az=102.0

PRRU 11 04:03:53.8-0.4,51.52N,16.07E,h1km,ML3.1/3,Error ellipse: s-maj=4.4km s-min=2.2km az=16.0

UPP 11 04:03:54.4-3.3,51.62N,15.40E,h0km,ML1.8,Suspected explosion

ISC 11 04:03:51.9-0.8,51.60N,0.03-167.11E,0.02,h0km,n71, e1911/141,Poland

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

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

Table of station data for Northern Mexico, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters like SNR and elevation.

MEX 11 04:15:06.1, 0.3, 27.64N, 105.00W, h16km, 45km, MD3.9, Northern Mexico

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters for stations in Northern Mexico.

NIED 11 04:24:00.43, 40N, 147.20E, h29km, Mw4.1 Best double couple... JMA Felt J1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters for stations in Northern Mexico.

Main table of station data for Northern Mexico, listing stations like Nemuro-Hokkai, Yuzh-Kuril'sk, Tuman, and others with their respective parameters.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various parameters for stations in Northern Mexico.

Main table of station data for Northern Mexico, listing stations like Yoj, Yonaguni jima, SONGINO Array, and others with their respective parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like OBN, NORSAR, and various seismic stations.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CBJ, JCJ, MJAR, and NVAR.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PNTR, WAKR, FIAO, and various seismic stations.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TLIG, VHO, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ZIG, CAIG, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KSR, USRK, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TLIG, VHO, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DZM, URZ, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMAR, WRAB, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TLIG, VHO, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KRVT, PMG, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ASAR, JIRI, and various seismic stations.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MOYG, NBG, and various seismic stations.

Table of astronomical observations for 2013 SEP, columns 1-5. Includes station names like KBL, CEP, THW, GARM, etc., and observation parameters like time, position, and SNR.

Table of astronomical observations for 2013 SEP, columns 6-10. Includes station names like WMQ, JIRN, KURBB, etc., and observation parameters like time, position, and SNR.

Table of astronomical observations for 2013 SEP, columns 11-15. Includes station names like HHC, HCC, MLR, etc., and observation parameters like time, position, and SNR.

MEX 11 06:20:57.0-6,1624N-97.97W, h7km, 5km, MD3.6. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 11 06:39:37.9-0.2, 6.80N, 0.02-73.08W, 0.03, h157km, 2km, mb4.2/9. Error ellipse: s-maj=4.7km s-min=3.0km az=29.4

MEX 11 06:39:38.6-1, 6.81N, 0.04-73.07W, 0.04, h155km, 5km, n117, r195/132, mb4.3/37, SC-2D, Northern Colombia. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like TAME, PUERTO BERRIO, OCAÑA, SAN PABLO DE B, etc.

Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like PVI3, PV03, PV12, PV22, KNB, etc.

Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like NIED, BUI, MOS, ISCJB, NEIC, SKHL, JMA, GCMT, etc.





11d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BVAR Borovoye Array, ULHL Ulahol, BRVK Borovoye, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PRGR Manton Dam, HSPB Hornsund (broa), OPA Opana, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like J01E Myrtle Point, I03D Drain, OR, KIV Kislovodsk, etc.



11d 7h

Table with columns: Call Sign, Name, Frequency, Power, Status, and Offset. Includes stations like 141A Arkdale, D47A Chapleau, GRR Gorron, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Status, and Offset. Includes stations like WMOK, D59A Sain Raymond, BANO Bancroft, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Status, and Offset. Includes stations like K56A Middlesex, O50A Cable, J58A Renss, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like N59A State Game Lan, O57A Amberson, T50A Nancy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Resolution, Residual. Includes stations like CPUP Villa Florida, CHQJ Chosi, BS02 Boso 2, etc.

Table with columns: LAST, Station Name, Azimuth, Elevation, Station Name, Azimuth, Elevation, Station Name, Azimuth, Elevation. Includes stations like IACM Heraklion, NANCY Heraklion, NPS Neapolis, etc.



mb4.5/47,earthModelD
quakeml.us.anss.org/earthmodel/ak135
ISC 11 10:09:40.8-0.4,10.44N,0.05-92.24E,0.05,h29km,n171,
c1874/159,mb4.5/44,MS3.8/25,1C,Andaman Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various seismic stations and their associated data.

Table with columns: STA, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various seismic stations and their associated data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various seismic stations and their associated data.

Table with columns: STKA, Stephens Creek, 34.90 248 P, 4.9nm, 0.6s, baz=93, slow=11, SNR=25, ASAR, Alice Springs, 42.16 260 P, 8.2nm, 0.5s, baz=96, slow=7.4, SNR=7.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Keravat (AS076), 12.15 101, Op, LR, ISC, h m s, 10 34 30.9, etc.

DDA 11 10:36:39.8, 40:40N, 34:84E, h7km, 1km, ML2.5, ISK 11 10:36:40.3, 40:39N, 34:77E, h14km, ML1.9/4, ISC 11 10:36:40.4, 1.1, 40:37N, 0:04, 34:80E, 0:03, h10km, gkm, n12, c0576/19, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, COAL, Corum-Alaca, 0.18 128, i P, Pg, 10 36 44.0, etc.

ISC 11 10:44:33.8, 2.1, 1:99S, 139:39E, h0km, mb3.8/4, mb1.4/1.6, mb1mx3.7/4.4, mbtmp3.9/6, ML4.1/2, MS3.1/4, Ms1.3/1.4, ms1mx2.7/3.1, Error ellipse: s-maj=58.1km s-min=22.6km az=76.0

ISCJBJ 11 10:44:35.4, 1.6, 2:05S, 0:1, 139:44E, 0:3, h27km, mb3.9/3, MS3.5/1, Error ellipse: s-maj=40.2km s-min=16.6km az=161.7

ISC 11 10:44:37.1, 1.9, 2:05S, 0:2, 139:44E, 0:3, h27km, n10, c102/6, mb4.1/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, SJJI, Sorong, 8.18 278, LR, LR, 10 49 40.6, etc.

ISCJBJ 11 10:45:25.3, 0.4, 24:82N, 0:02, 122:29E, 0:02, h11km, 2km, Error ellipse: s-maj=2.9km s-min=2.4km az=35.2, TAP 11 10:45:25.1, 24:84N, 122:26E, h7km, ML2.9, C, JMA 11 10:45:26.1, 0.1, 24:78N, 122:28E, h22km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, EOS1, EOS1, 0.29 207, P, P, 10 45 32.0, etc.

Table with columns: TWE, baz=251, eS, Sg, 10 45 45.0 +1.0, SLBB, Yuanshan, 0.58 265, P, Pb, 10 45 36.8 -0.2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, YMO1, YMO1, 0.72 298, P, Pb, 10 45 39.7 +0.3, etc.

ISC 11 10:27:24.7, 5.2, 2:00S, 140:08E, h0km, mb3.4/2, mb1.3/7.3, mb1mx4.3/1, mbtmp3.5/3, ML3.8/1, MS2.9/1, Ms1.2/9/1, ms1mx2.4/2.7, Error ellipse: s-maj=201.1km s-min=29.2km az=87.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, YOJ, Yonaguni jima, 0.76 117, eS, S, 10 45 49.4 -0.6, etc.

ISC 11 10:44:33.8, 2.1, 1:99S, 139:39E, h0km, mb3.8/4, mb1.4/1.6, mb1mx3.7/4.4, mbtmp3.9/6, ML4.1/2, MS3.1/4, Ms1.3/1.4, ms1mx2.7/3.1, Error ellipse: s-maj=58.1km s-min=22.6km az=76.0

ISCJBJ 11 10:44:35.4, 1.6, 2:05S, 0:1, 139:44E, 0:3, h27km, mb3.9/3, MS3.5/1, Error ellipse: s-maj=40.2km s-min=16.6km az=161.7

ISC 11 10:44:37.1, 1.9, 2:05S, 0:2, 139:44E, 0:3, h27km, n10, c102/6, mb4.1/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, ETHL, Xiu Townshi, 0.94 230, P, Pb, 10 45 43.3 +0.1, etc.

ISC 11 10:45:25.3, 0.4, 24:82N, 0:02, 122:29E, 0:02, h11km, 2km, Error ellipse: s-maj=2.9km s-min=2.4km az=35.2, TAP 11 10:45:25.1, 24:84N, 122:26E, h7km, ML2.9, C, JMA 11 10:45:26.1, 0.1, 24:78N, 122:28E, h22km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, WHP, Taichung City, 1.32 247, P, Pg, 10 45 51.0 +0.1, etc.

Table with columns: SSLB, Suanglung, 1.57 230, P, Pb, 10 45 54.6 +0.5, HATJ, Hateruma jima, 1.58 118, eS, S, 10 46 13.6 -0.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, CHN5, Tsalung, 1.89 231, eP, P, 10 46 00.2 +0.8, etc.

ISC 11 10:51:45.1, 61.0, 19:63S, 177:68W, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.5/3.3, mbtmp3.7/3, Error ellipse: s-maj=1116.0km s-min=170.2km az=82.0, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, STKA, Stephens Creek, 38.45 243, P, P, 10 59 09.0 +0.2, etc.

MEX 11 11:02:02.4, 0.5, 16:59N, 98:47W, h9km, 7km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, TLIG, Tiapa, 0.97 355, eS, P, 11 02 18.3 -2.8, etc.

UCR 11 11:04:13.1, 1.8, 10:75N, 86:62W, h20km, 999km, MW3.6, 3C-33, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, JTS, Las Juntas de, 1.70 105, i P, Op, ISC, h m s, 11 04 40.5 +1.1, etc.

SOF 11 11:06:55.8, 40:66N, 25:79E, h4km, ATH 11 11:06:56.6, 40:72N, 25:94E, h20km, 2km, ML2.1/3, Error ellipse: s-maj=3.4km s-min=1.3km az=326.0, ISK 11 11:06:56.6, 40:70N, 25:89E, h8km, ML2.5/10, ISCJBJ 11 11:06:57.1, 0.4, 40:71N, 0:02, 25:90E, 0:03, h7km, 2km, DDA 11 11:06:57.7, 40:68N, 26:00E, h13km, 2km, ML3.1, THE 11 11:06:57.4, 40:70N, 25:92E, h11km, 1km, ML2.2/5, Error ellipse: s-maj=1.5km s-min=0.6km az=294.0, ISC 11 11:06:56.9, 0.8, 40:71N, 0:02, 25:92E, 0:02, h15km, 6km, n44, c082/66, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, ENEZ, Enez, 0.18 80, PG, P, 11 07 01.3 -0.7, etc.





Table of astronomical observations for the first 11 days of September, listing station names like FITZ, AS31, ASAR, etc., and their corresponding coordinates and observation times.

Table of astronomical observations for the 12th day of September, including data for stations such as SONO, SONM, SOMM, TLY, YAK, WMQ, etc., with detailed coordinate and timing information.

Table of astronomical observations for the 13th day of September, featuring data for stations like WRA, ASAR, MKAR, etc., and including specific notes on observation conditions and celestial event parameters.

Table with columns: Call Sign, Name, Freq, Power, Mode, Band, and other technical details. Includes stations like PAYG, TLIG, CMIG, SNET, APG, etc.

Table with columns: Call Sign, Name, Freq, Power, Mode, Band, and other technical details. Includes stations like HSGI, CODC, TAMC, JCT, etc.

Table with columns: Call Sign, Name, Freq, Power, Mode, Band, and other technical details. Includes stations like 109C, 109C, Y14A, X18A, etc.



Table with columns for call sign, name, frequency, mode, and various performance metrics. Includes entries like RYN Ryan, U50A Jamestown, V52A Sevierville, etc.

Table with columns for call sign, name, frequency, mode, and various performance metrics. Includes entries like BGNE Belgrade, U54A Nelsons Funny, U54A Nelsons Funny, etc.

Table with columns for call sign, name, frequency, mode, and various performance metrics. Includes entries like P48A Milroy, P48A Milroy, P48A Blacksburg, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like JCC, S57A, N47A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like MCMT, R59A, N51A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like F10A, N57A, J49A, etc.

Table with columns for station name, call letters, frequency, power, and coordinates. Includes stations like D41A Chassel, BINY Binghamton, BINY Binghamton, BINY Binghamton, PAL Palisades, etc.

Table with columns for station name, call letters, frequency, power, and coordinates. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, G54A Lake Saint Pel, H56A Elgin, etc.

Table with columns for station name, call letters, frequency, power, and coordinates. Includes stations like BBB Bella Bella, BBB Bella Bella, BBB Bella Bella, PARB Parubuna, CHGO Chibougamau, etc.



Table with columns for station code, name, and seismic data (e.g., SSE, DAV, YOJ, SOC, ZAA1, ZALV, etc.).

Main table with columns for station code, name, and seismic data (e.g., GEYT, ABPO, KSM, KSH, etc.).

Table with columns for station code, name, and seismic data (e.g., HWA, EGPH, HGSD, ESL, etc.).

IDC 11 12:45:04.1, 1.9, 6.85S, 129.91E, h0km, mb3.8/2, m1 3.7/4, mb1mx3.5/24, mbtmp3.8/4, ML3.4/2, MS4.2/1, Ms1.4/2.1, ms1mx2.9/33, Error ellipse: s-maj=131.6km s-min=27.3km az=66.0

ISCBJ 11 12:45:09.7, 0.5, 6.97S, 0.04x130.43E, 0.06, h78km, mb3.5/2, Error ellipse: s-maj=8.3km s-min=5.9km az=168.9

NEIC 11 12:45:11.2, 0.6, 6.90S, 0.05x130.56E, 0.05, h71km, 10km, mb4.3/6, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 11 12:45:11.2, 0.7, 6.95S, 0.05x130.54E, 0.08, h78km, n24, s262/30, mb3.9/4, Banda Sea

Table with columns for station code, name, and seismic data (e.g., SAUI, FAKI, MTKI, etc.).

ISCBJ 11 12:46:49.0, 0.3, 2.33°61'N, 0.121°122.05'E, 0.01, h22km, 2km, Error ellipse: s-maj=2.8km s-min=1.9km az=142.1

JMA 11 12:46:47.4, 0.1, 2.33°63'N, 121.99°E, h35km, M2.5

TAP 11 12:46:47.2, 2.3°65'N, 121.98°E, h21km, ML2.7, 2

Table with columns for station code, name, and seismic data (e.g., STKA, MNAI, RPSI, etc.).



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

ISCJB 11 12:53:45.5, 0.8, 24:73S:0:07:180:0W:0.1, h496km, mb3.9/8, Error ellipse: s-maj=13.5km s-min=6.1km

IDC 11 12:53:47.1, 1.6, 24:71S:179:92E, h493km, 17km, mb3.5/6, mb1.3/7.8, mb1mx3.4/3.2, mbtmp3.4/5.8, Error ellipse: s-maj=23.2km s-min=19.2km az=160.0

ISC 11 12:53:46.9, 1.0, 24:83S:0:09:180:0W:0.1, h496km, n27, a126/38, mb4.0/6, South of Fiji Islands

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

KSRS Korea Array 78.98 320 P P 13 04 58.8 +0.2

PETK Petropavlovsk- 80.01 347 P P 13 05 02.8 -1.0

IDC 11 12:54:41.6, 1.0, 4:73N:78:54W, h0km, mb3.8/7, mb1.4/1.9, mb1mx3.8/3.5, mbtmp3.9/9.9, ML3.0/2, MS4.6/2, Mst1 4.6/2, ms1mx4.0/2.9, Error ellipse: s-maj=41.4km s-min=19.4km az=46.0

ISCJB 11 12:54:42.1, 1.4, 4:85N:0:03:78:38W:0.0, h15km, 10km, mb3.9/7, MS4.8/1, Error ellipse: s-maj=5.7km s-min=4.5km az=40.3

RSNC 11 12:54:43.2, 0.5, 4:89N:78:49W, h57km, 20km, ML3.0

NEIC 11 12:54:47.2, 1.1, 4:95N:0:08:78:28W:0.0, h36km, 8km, n27, a126/38, mb4.0/6, South of Panama

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MALC, PTAC, GBOC, etc.

comp=Z, 1.5nm, 0.6s, baz=101, slow=3.1, SNR=5.7

IDC 11 13:16:04.4, 1.1, 4:91S: 105:29W, h0km, mb3.9/14, mb1.4/2.14, mb1mx4.1/2.8, mbtmp3.9/14, MS4.6/4, Mst1 4.6/4, ms1mx4.2/1.8, Error ellipse: s-maj=36.4km s-min=15.1km az=54.0

ISCJB 11 13:16:05.2, 0.8, 4:85S:0:1:105:0W:0.1, h10km, mb3.9/14, MS4.5/4, Error ellipse: s-maj=23.3km s-min=6.9km az=141.5

NEIC 11 13:16:06.1, 2.0, 4:95S:0:2:105:0W:0.2, h10km, 2km, mb4.7/4.1, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 11 13:16:06.6, 1.1, 4:85S:0:1:105:0W:0.2, h10km, n27, a093/64, mb4.6/32, MS4.5/4, Central East Pacific Rise

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

IDC 11 13:18:44.5, 0.9, 8:80N:127:01E, h0km, mb3.8/8, mb1.3/9.9, mb1mx3.7/5.4, mbtmp3.8/9, ML4.5/1, Error ellipse: s-maj=33.8km s-min=16.6km az=87.0

ISCJB 11 13:18:48.2, 0.5, 8:74N:0:04:126:93E:0.04, h39km, Error

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res. Includes entries for MAN 11, NEIC 11, and various stations like BUTP, MATI, BUKP, etc.

ellipse: s-maj=6.7km s-min=5.7km az=142.2
MAN 11 13:18:49.9, 8.68N, 126.81E, h25km, MS3.3
quakeml: us.anss.org/earthmodel/ak135

ISC 11 13:27:42.10-0.5, 34.87N, 81.05E, h0km, mb4.3/0,

MOS 11 13:27:43.7, 1.5, 35.00N, 81.05E, h17km, mb4.9/27, Error

NNC 11 13:27:45.8, 6.3, 34.93N, 80.90E, h18km, 2.7km, mb4.4,

NEIC 11 13:27:46.1, 9.9, 34.95N, 80.99E, h30km, 5km,

BUI 11 13:27:46.0, 0.0, 35.04N, 81.37E, h8km, mb4.5/38,

NDI 11 13:27:47.0, 5.6, 34.89N, 80.98E, h11km, 6.5km, mb4.8,

ISC 11 13:27:44.9, 0.3, 34.97N, 81.04E, h16km, n305,

JOSI Josimath 4.55 195 ex Pn 13 28 56.6 +3.2

JOSI JOSI IAML 13 29 15.5 +3.3

DHRM DHARAMSHALA 4.71 236 eP Pn 13 28 58.7 +3.1

SMLA Simlia 4.96 220 eP Sn 13 29 01.8 +3.0

DDI Dehra Dun 5.23 208 ex Pn 13 29 03.9 +1.4

KALG Kalgarh 5.75 199 eP Pn 13 29 06.3 -3.3

KSH Kashi 6.01 320 Pn Pn 13 29 16.3 +3.0

KKR Kurukshetra 6.08 216 eP Pn 13 29 17.3 +3.2

NIL Nilore 6.48 260 P Pn 13 29 20.5 +0.8

DANN Dangsing 6.43 159 ePn Sn 13 29 28.3 +0.7

NRN Naryn 7.52 330 P Pn 13 29 37.6 +3.4

SARP Sargodha 7.53 248 P Pn 13 29 34.0 +0.1

KOLN Koldanda 7.54 162 ePn Pn 13 29 35.1 +0.7

GKN Govkha 7.64 154 ePn Pn 13 29 37.2 +1.4

KDJ Kajisay 7.72 339 P Pn 13 29 38.4 +1.6

KUDL Kundal 7.79 210 eP Sn 13 29 38.8 +1.3

THW Thamme Wali 7.93 257 P Pn 13 29 38.9 -0.7

DMN Daman 8.17 153 ePn Pn 13 29 43.9 +0.8

DMN DMN 8.13 335 P Pn 13 29 47.7 +5.2

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res. Includes entries for GUN, PKIN, PKIN, PKI, etc.

comp=E, 348nm, 1.3s

comp=E, 84nm, 0.9s

comp=E, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=E, 94nm, 0.7s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

comp=N, 94nm, 0.7s

comp=Z, 132nm, 0.8s

comp=Z, 28nm, 1.0s

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res. Includes entries for GEYT, GYAT, ALBECK, etc.

comp=Z, 0.5nm, 0.3s, bsz=120, slow=11, SNR=12

comp=Z, 680nm, 18.8s, bsz=195, slow=42

comp=Z, 4nm, 0.9s, bsz=203, slow=10, SNR=12

comp=Z, 2.0nm, 0.3s, bsz=145, slow=8.5, SNR=108

comp=Z, 1.9nm, 0.3s, bsz=146, slow=11, SNR=32

comp=Z, 0.1nm, 0.3s, bsz=157, slow=37, SNR=3.6

comp=Z, 30nm, 0.7s

comp=Z, 61nm, 1.3s

comp=Z, 68nm, 1.2s

comp=Z, 7.5nm, 0.8s

comp=Z, 8.0nm, 0.8s

comp=Z, 2.4nm, 0.9s, bsz=131, slow=13, SNR=13

comp=Z, 2.5nm, 0.3s, bsz=148, slow=15.5, SNR=5.0

comp=Z, 806nm, 18.6s, bsz=146, slow=42, SNR=15

comp=Z, 198nm, 1.2s

comp=Z, 13nm, 1.3s

comp=Z, 30nm, 0.9s

comp=Z, 2.5nm, 0.4s, bsz=123, slow=7.1, SNR=5.6

comp=Z, 1.1nm, 0.4s, bsz=363, slow=5.0, SNR=4.7

comp=Z, 3.5nm, 0.5s

comp=Z, 0.3nm, 0.7s, bsz=252, slow=5.6, SNR=5.2

comp=Z, 1.1nm, 0.5s, bsz=86, slow=4.6, SNR=8.0

comp=Z, 12um, 0.9s

comp=Z, 12um, 0.8s

comp=Z, 2.3nm, 1.3s

comp=Z, 20nm, 0.9s

comp=Z, 2.4nm, 1.0s, bsz=243, slow=9.4, SNR=44.2

comp=Z, 2.0nm, 0.9s

comp=Z, 2.3nm, 1.3s

comp=Z, 2.7nm, 0.8s

comp=Z, 4.7nm, 0.8s

comp=Z, 2.4nm, 1.0s, bsz=243, slow=9.4, SNR=44.2

comp=Z, 2.0nm, 0.9s

comp=Z, 2.3nm, 1.3s

comp=Z, 2.7nm, 0.8s

comp=Z, 4.7nm, 0.8s

Table with columns: Code, Station Name, Az, El, Pmax, P, S, I, L, M, R, Res, ISC, Time, Res, ISC. Rows include stations like ASAF, KLMR, BR101, etc.

Table with columns: BRG, comp, Z, 1nm, 1.3s, Pmax, P, S, I, L, M, R, Res, ISC, Time, Res, ISC. Rows include stations like NC405, NC602, GEC2, etc.

Table with columns: YM01, YM08, YM08, etc. Rows include stations like Yonaguni jima, Penghaiyiu, etc.

TAP 11 13:38:01.9, 24.83N; 122.29E, h8km, 1km, ML2.8, C
ISCJB 11 13:38:02.6, 0.4, 24.82N; 0.02, 122.31E; 0.02, h9km, 2km,
Error ellipse: s-maj=3.3km s-min=2.4km az=24.8
JMA 11 13:38:02.6, 0.1, 24.75N; 122.27E, h0km, M2.2
ISC 11 13:38:02.6, 1.0, 24.83N; 0.02, 122.29E; 0.02, h14km, 8km,
n55, 0.657/99, Taiwan region

ISCJB 11 13:43:46.8, 0.5, 23.04N; 0.03, 121.52E; 0.03, h30km, 3km,
Error ellipse: s-maj=5.0km s-min=3.4km az=141.9
JMA 11 13:43:46.8, 0.2, 23.01N; 121.54E, h16km, 5km, M2.8
TAP 11 13:43:47.5, 23.04N; 121.41E, h22km, 1km, ML1.9, D
ISC 11 13:43:46.9, 1.1, 23.05N; 0.03, 121.50E; 0.03, h24km, 8km,
n33, 0.67/56, 1C, Taiwan

Table with columns: Code, Station Name, Az, El, Pmax, P, S, I, L, M, R, Res, ISC, Time, Res, ISC. Rows include stations like CHKT, TWF1, YULB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YUS, STYT, ES, WVD, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like APSI, LUWI, TTSI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YTH, ECSD, N41A, etc.

11d 17h

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

FIAO 11 15:31:54.5, 61.85N, 29.27E, h0km, ML0.5, Explosion, Finland-Karelia border region

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

ANF 11 15:37:06.7, 0.1, 34.04N, 117.78W, h13km, 1km, ML2.5/24, Error ellipse: s-maj=1.2km s-min=0.8km az=3.0

NEIC 11 15:37:06.9, 1.0, 34.04N, 117.79W, h2km, 0.03, h5km, 7km, earthModellD quakeml.us.anss.org/earthmodelak135

SCEDC 11 15:37:07.6, 34.08N, 117.79W, h2km

ISC 11 15:37:07.1, 1.0, 34.06N, 117.79W, 0.02, h9km, 9km, n40, e058/52, Southern California

Main table for the first section containing station data for various events. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC.

IDC 11 15:53:45.7, 8.3034S, 178.18W, h0km, mb3.2, mb1 3.5/2, mb1mx3.3/2.3, mbtmp3.2/2, Error ellipse: s-maj=330.7km s-min=57.6km az=157.0, Kermadec Islands

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

ISCJB 11 15:55:33.7, 2.7, 14.74N, 0.09, 93.92W, 0.10, h29km, 35km, Error ellipse: s-maj=20.4km s-min=7.2km az=136.0

MEX 11 15:55:33.8, 1.1, 14.57N, 93.93W, h16km, 19km, MD3.8

GCG 11 15:55:39.8, 0.5, 14.55N, 93.52W, h121km, 57km, MD4.3

ISC 11 15:55:33.7, 2.7, 14.85N, 0.09, 93.82W, 0.08, h12km, 14km, n10, e158/17, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PCIG, THIG, TGIG, CMIG, STG3, CMIG, FUG, IXG, MOYG, MRL.

2013 SEP

SNET 11 16:04:07.5, 1.0, 14.10N, 91.70W, h23km, 34km, ML3.8

MEX 11 16:04:07.8, 0.5, 14.04N, 91.98W, h10km, MD3.9

GCG 11 16:04:09.2, 1.4, 17.91N, 91.70W, h48km, 26km, MD3.8

ISC 11 16:04:04.7, 2.1, 13.98N, 0.09, 91.90W, 0.06, h23km, 18km, n18, e108/26, 1C-2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ERG, STG3, FUG, PCG, IXG, IXPACO, NGB, MOYG, MR, PCIG, RTR, CEVE, SBL, SNU, CCIG, CGIG, MTO3, TGIG, CMIG.

ISCJB 11 16:21:00.9, 0.8, 26.69N, 0.07, 95.84E, 0.06, h72km, 10km, Error ellipse: s-maj=12.3km s-min=7.8km az=158.3

NDI 11 16:21:04.5, 2.5, 26.83N, 95.54E, h10km, ML2.9

IDC 11 16:21:07.4, 0.6, 26.41N, 95.52E, h124km, 54km, mb2.9/3, mb1 3.1/4, mb1mx2.8/49, mbtmp3.2/4, Error ellipse: s-maj=177.5km s-min=22.0km az=60.0

ISC 11 16:21:01.9, 1.1, 26.73N, 0.08, 95.86E, 0.07, h67km, 13km, n11, e133/18, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like LKP, JORH, KOHI, KOHI, ZIRO, ZIRO, TEZP, SHL, SHL, GUWA, GUWA, GUWA, GUWA, CMAR, MKAR, WRA, ASAR.

DDA 11 16:27:50.8, 36.59N, 37.81E, h7km, 3km, ML2.9

ISCJB 11 16:27:51.9, 1.5, 36.59N, 0.1, 37.81E, 0.05, h17km, 12km, Error ellipse: s-maj=17.9km s-min=6.4km az=3.1

ISK 11 16:27:52.2, 36.62N, 37.72E, h25km, ML2.8/4

ISC 11 16:27:52.2, 1.8, 36.66N, 0.1, 37.78E, 0.04, h15km, 12km, n10, e079/15, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KUZU, GAZ, GAZ, SURC, SURC, GZT, HCB, HCB, KAMA, KMRS, URF, URF, ANDN, MAZI.

IDC 11 16:57:13.7, 3.0, 19.51S, 175.47W, h0km, mb4.5/7, mb1 4.6/7, mb1mx4.1/29, mbtmp4.5/7, Error ellipse: s-maj=260.6km s-min=81.0km az=96.0

ISCJB 11 16:58:28.0, 2.0, 20.35S, 0.2, 179.3W, 0.1, h500km, mb4.0/7, Error ellipse: s-maj=2.1km s-min=13.6km az=175.5

NEIC 11 16:58:30.8, 1.7, 20.55S, 0.2, 179.2W, 0.2, h527km, 19km, mb4.6/16, earthModellD quakeml.us.anss.org/earthmodelak135

ISC 11 16:58:29.6, 1.0, 20.45S, 0.2, 179.4W, 0.1, h500km, n30, e112/30, mb3.4/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like NIUE, MARC, PINNC, DZM, DZM, EIDS, ARMA, CTA, CTAO, TOO, COEN, STKA, STKA, BBOO, AS31, ASAR, ASAR, ALICE, WRA, WRA.

674 MTN Manton Dam 47.89 271 P P 17 06 21.2 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MTN, FOR, KNRA, FITZ, FITZ, SJIJ, SOEI, BATA, MMRI, LUWI, LUWI.

WEL 11 17:11:10.2, 40.5S, 1.1, 176E, h18km, 3km, M4.2/34, ML4.4/26, MLV4.2/34, Error ellipse: s-maj=0.0km s-min=0.0km az=44.7, North Island

Main table for the second section containing station data for various events. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC.

NIED 11 17:17:00.3, 7.80E, 141.80E, h56km, Mw3.8 Best double couple: M6.08000, 1014 NP1.8193.00000, 837.00000, lambda102.00000, NP2.0358.00000, 854.00000, 81.00000

ISCJB 11 17:17:06.3, 0.8, 37.79N, 0.04, 141.89E, 0.08, h56km, 7km, mb3.8/7, MS2.5/1, Error ellipse: s-maj=11.5km s-min=5.1km az=18.4

JMA 11 17:17:07.8,37.81N,141.77E,h51km,1km,M4.0
Broadband fault plane solution: P waves. NP1:
phi=21.00000°,delta=1.00000°,lambda=2.00000°. NP2:
phi=168.00000°,delta=2.00000°,lambda=58.00000°. Principal axes: T
Plg62.0000°,Az=3m10.0000°;N Plg12.0000°,
Az=197.0000°;P Plg25.0000°,Az=102.0000°;

JMA Felt J1
IDC 11 17:17:08.3;2.1,37.85N,141.99E,h58km,19km,mb3.6/7,
mb1 3.7/13,mb1mx3.5/49,mbtmp3.9/13,ML3.4/6,MS2.6/6,
Ms1 2.6/6,ms1mx2.4/45 Error ellipse: s-maj=20.8km

s-min=11.3km a=1.0

ISC 11 17:17:07.5,1.6,37.82N,141.91E,0.1,1,h46km,13km,
n39,-18/47/45,mb3.8/7,1C-14D,Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like IJHK Ishinomakikubu, IJHO Ouri, IJMS Minamisoumatoc, etc.

MEX 11 17:30:32.4,0.5,14.68N-93.02W,h15km,14km,MD3.8,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like PCIG Comitan, CGIG Comitan, TGIG Matias Romero, etc.

BJI 11 17:34:40.9,0.1,19N,83.69E,h10km,ML3.5/10
SOME 11 17:34:42.0,1.4,28N,83.47E,h10km
NMC 11 17:34:46.7,5.9,41.49N,83.32E,h0km,mb3.8,mpv3.4,
Error ellipse: s-maj=51.3km s-min=33.5km a=178.0

ISC 11 17:34:44.1,4.1,41.48N,0.008,83.41E,0.05,h10km,n31,
a=25/39,10C-2D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like SHLS Shalkode, PDGK Podgomoye, UZB Uzunbulak, etc.

Table with columns: WMO, comp, smax, smax, Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like KPKS Kokpej, SATY Saty, KURS Kuram, etc.

ISCJB 11 17:35:44.4,0.7,3.79S;0.08,141.42E;0.09,h54km,
mb3.5/5, Error ellipse: s-maj=13.4km s-min=10.1km
a=14.0

IDC 11 17:35:53.8,5.2,4.08S,141.57E,h137km,56km,mb3.1/6,
mb1 3.2/8,mb1mx3.1/30,mbtmp3.6/6,MS2.5/1,MS1 2.5/1,
ms1mx2.2/15, Error ellipse: s-maj=43.5km s-min=14.9km
a=125.0

ISC 11 17:35:46.3,0.8,3.81S;0.10,141.33E;0.1,h54km,n9,
a=172/10,mb3.6/4,New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like PMG Port Moresby, KRVT Keravat, WRA Warramunga Arr, etc.

ISCJB 11 19:12:27.6,0.1,12.33S;0.03,166.99E;0.04,h220km,
mb4.4/29, Error ellipse: s-maj=5.4km s-min=3.9km
a=14.2

NEIC 11 19:11:27.5,0.9,12.26S;0.09,167.02E;0.09,h205km,6km,
mb4.7/123,earthModelID
quakeml.us.anss.org/earthmodel/ak135

IDC 11 19:11:29.6,2.3,12.35S;167.03E,h224km,20km,
mb4.2/27,mb1 4.2/29,mb1mx4.1/44,mbtmp4.7/29, Error
ellipse: s-maj=15.1km s-min=10.2km a=117.0

ISC 11 19:11:29.0,0.4,12.30S;0.06,167.05E;0.08,h220km,
n204,0.6/67/212,mb4.6/81,2D,Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like MARNC Mare Loyalty, DZM Mont Dzumac, DZM Pines Island, etc.

Table with columns: BKZ, CAN, CAN, QZ, NNZ, BFZ, TUWZ, SNZO, THZ, BHW, MSWZ, BSWZ, FALISZ, STKA, STKA, KHZ, LTZ, RPZ, CRLZ, MGZ, LBZ, WRAB, WRI, WRA, WRA, WKZ, ODZ, AS31, AS31, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, FITZ, BATI, JCJ, KAPI, GIRL, JAGI, INU, MJAR, MJAR, MAJO, MAJO, MAT, MJB9, UGM, JNU, ASAJ, KSRs, USRK, USRK, SBA, PETK, CASY, CASY, ATKA, IPM, GSI, SDPT, PAYA, CMAR, CMAR, CMMT, CHTO, CHTO, CHGN, SEY, OHAK, KDAK, KDAK, KDAK, GAMB, GAMB, QSPA, SVWZ, CNPM, CNPM, YAK, YAK, SONM, SONM, SONM, RC01, SKT, PMR, PPLA, PPLA, HIN, HIN, GLI, GHO.

11d 19h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.







Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ID, Time, Res, ISC. Includes stations like Sorong, Coen, Marnton Dam, Baumata, Warramunga Arr, Fitzroy Crossi, etc.

IDC 11 22:28:17.1±4.9, 128S-97.41E, h0km, mb3.7/3, mb1 3.7/3, mb1mx3.3/3, mbtmp3.7/3, Error ellipse: s-maj=174.8km s-min=75.6km az=59.0, Southwest of Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ID, Time, Res, ISC. Includes stations like Diego Garcia H, Diego Garcia H, Songoing Array, Makanchi Array, Zalesovo Beam, Zalesovo Array, Lajitas Array.

IDC 11 22:34:32.1±1.2, 24.06N, 121.59E, h0km, mb3.5/4, mb1 3.5/6, mb1mx3.3/4, mbtmp3.5/6, ML3.0/2, MS3.2/4, Ms1 3.2/4, ms1mx2.6/31, Error ellipse: s-maj=39.4km s-min=23.0km az=71.0

ISCJB 11 22:34:36.8±0.2, 24.12N, 121.73E, h0.01, h26km, 2km, mb3.5/4, MS3.2/4, Error ellipse: s-maj=2.7km s-min=1.7km az=137.6

JMA 11 22:34:36.0±0.1, 24.09N, 121.66E, h30km, 1km, M3.4

TAP 11 22:34:36.8±0.2, 15N, 121.67E, h28km, ML4.0, C

ISC 11 22:34:36.8±0.8, 24.12N, 121.71E, h0.02, h28km, 5km, n123, 0.874/180, mb3.5/4, MS3.4/4, 6C-15D, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ID, Time, Res, ISC. Includes stations like Ninganchiao, Hualien, Xiuilin Townshi, Nanau, Nanau, Shilin, Hehuan Shan, Datong, Datong, Nioudou, Eos1, Eos1, Weicheng, Yeheng, WYD1, WYD1, Yuanshan, ILan, Rutsui, Ulwai, Hungye.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ID, Time, Res, ISC. Includes stations like Taichung City, WHP, DPDB, DPDB, NTC Toucheng, EGS, EGS, SSSL Suanglung, SSSL Sun Moon Lake, SMLT, TYC, TYC, TYC, YULB, LIOB, LIOB, NSTT Nanjuang, NSTT Daxi, WLTB, WLTB, TWFI, TIPB, TIPB, NHDH Xindian Distri, WHYT Xinyi Township, NSY, NSY, NSY, TWB1 Santiao Chiao, TWB1 Yu-Shan, NMLH Miaoli, NMLH, SBCB Hsinchu, SBCB, WJS Zhushan, WJS, WJS, TCU Taichung, TCU Wu-fen Shan, NWF, WFSB Wu-fen Shan, HSN Hsinchu, HSN, WNT Mingjian, WNT, NCU National Center, NCU, NCUH Zhongli, NCUH, PTBS, PTBS, WDJ Dajia District, WDJ, TWS1 Kuangyinshan, TWS1, YMO1, YMO1, YMO1, WCHH Zhonghua, WCHH, CHKT Chengkung, NTST Danshui, YMO8, YMO8, CHN5, CHN5, ANP Anpu, WKG Gukeng, WDLH Douliu, YJNG Yonagunijimaku, YJNG, YOJ, YOJ, RLNB Erin, RLNB, CHN2 Minshiang, TPUB, TPUB, STYT, WTP, WTP, WTC, WTC, WMLT Mailiao, WMLT, TWK Hsiyung, TWK, TWG Pinlang, TWG, TWGB, TWGB, SNST Tainan City, SNST, CHN1 Nanshi, CHN1.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ID, Time, Res, ISC. Includes stations like CHN1, WLBG Puzi, WLBG, WLBG, SGST Jiashian, SLGT Liugu, PCYT Pengchayiu, CHN8 Yiju, ECL Taimali, SSD Sandimen, TWM1 Shoushan, MASBT Mashibuluo, IRIF Iriomote-Funau, IRIF, EAST Anshuo, TAW Tavu, HATJ Hateruma jima, HATJ, PHUB Peng-hu, PHUB, PNG Penghu, WDGJ Dungi, WDGJ, LAY Lan-yu, JKRS Kuro-shima, JKRS, WLCH Liugu, JIJ Ishigaki jima, JIJ, VVWC, VVWC, PTTC Pingtan, VCHM Qimei, HEN Hengchun, TWKBT Hengchun, JISG Ishigakijimahi, PTMZ Houxiangcun, MATB Ma-tsu, JIJ Tarama, JIJ, KNM Kinmen, KNMB Chih-men Tao, AXDP Jialang, ZPLA Ao Xicun, JOW Kwami, JOW, KRSR Kera Array, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, SEY Seymchan, WRA Warramunga Arr, ASAR Alice Springs, KBZ Khabaz, FINES FINES Array B, NACB Ninganchiao, NACB, TWD Chiawan, TWD, HWA Hualien, HWA, ETLH Xiuilin Townshi, ETLH, ENA Nanau, ENA, NANB Nanau, NANB, WHF Hehuan Shan, WHF, NNSB Datong, NNSB, ENT1 Nioudou, ENT1, EOS1, EOS1, TWE Weicheng, YHNB Yeheng, YHNB, WYD1, WYD1, SLBB Yuanshan, SLBB, ILA Ilan, HGSD Rutsui, NNLW Ulwai, EHY Hungye.

11d 22h

Table with columns: ENTT, Location, Time, Magnitude, Phase, and other parameters. Includes entries like Nioudou, Guanafu, EGFH, EOST, etc.

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Table with columns: WCHH, Location, Time, Magnitude, Phase, and other parameters. Includes entries like Zhonghua, WCHH, NTST, etc.

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Table with columns: MEIG, Location, Time, Magnitude, Phase, and other parameters. Includes entries like Mezcala, Puento Sto Nin, Platanillo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Array Bea, NORRAR Array B, etc.

MEX 11 22:55:40.7±0.7, 16.80N×100.51W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like El Cayaco, CaiG, etc.

MEX 11 22:57:01.2±0.4, 16.65N-100.57W, h11km±5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like El Cayaco, ACAP, etc.

MEX 11 22:59:46.1±0.5, 16.23N-97.54W, h5km, MD3.7, Oaxaca

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

GCG 11 23:22:04.8±0.6, 13.61N-90.67W, h30km±3km, MD3.8, SNET 11 23:22:05.4±0.7, 13.71N-90.55W, h45km±10km, ML3.8, ISC 11 23:22:03.4±2.3, 13.55N-91.06W, h63km±16km, n20, c0.61/27, 1C-1D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ixpaco, Moyoy, FUG, etc.

IDC 11 23:33:15.3±2.2, 24.75N×109.28W, h0km, mb3.6/1, mb1 3.8/4, mb1mx3.5/36, mbtmp3.3/4, ML3.6/3, MS3.0/4, Ms=1 3.0/4, Ms4=ms4, Error ellipse: s-maj=49.1km, s-min=10.7km, az=136.0, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Paz, TXAR, CMIG, etc.

MAN 11 23:33:26.3, 10.38N-122.17E, h26km, MS3.5, Panay

MEX 11 23:38:21.8±0.7, 16.78N×100.49W, h5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like El Cayaco, ZIHU, etc.

UCR 11 23:45:41.2±1.1, 8.76N-83.64W, h17km±21km, MW3.7, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Palmar Norte, Puerto Jimnez, etc.

IDC 11 23:50:04.6±1.6, 0.00S-125.14E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/37, mbtmp3.6/4, ML3.7/1, Error ellipse: s-maj=57.9km, s-min=26.3km, az=57.0, Southern Molucca Sea

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

IDC 11 23:57:55.6±5.7, 2.95S-138.90E, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.4/20, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=230.1km, s-min=31.7km, az=86.0, Irian Jaya

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

MEX 12 00:35:56.4±0.4, 17.28N×101.23W, h16km±5km, MD3.6, Near coast of Guerrero

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

DDA 12 00:37:02.9, 41°19'N-43°88'E, h7km±2km, ML2.8, TIF 12 00:37:02.8, 41°19'N-43°90'E, h17km, ISK 12 00:37:02.8, 41°18'N-43°90'E, h6km, ML2.3/7, NORS 12 00:37:05.4±0.0, 41°31'N-44°07'E, h18km, MPVA3.6, ISC 12 00:37:03.8±0.9, 41°19'N-02°43.89E±0.02, h12km±8km, n39, c0.45/64, Turkey-Georgia-Armenia border region

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

comp=Z, 4.0m, 1s, DIKO, POSOF, DGRG, etc.

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

ISC/JB 12 00:54:10.8±0.3, 24.38N±0.02-121.99E±0.02, h30km±2km, Error ellipse: s-maj=3.9km, s-min=2.6km, az=152.5, JMA 12 00:54:10.8±0.1, 24.33N±0.12-121.95E±0.04, h44km±3km, M1.9, TAP 12 00:54:10.8±0.2, 24.40N±0.12-121.94E±0.07, h27km, ML2.7, ISC 12 00:54:11.0±0.9, 24.39N±0.03-121.97E±0.02, h29km±6km, n46, c0.60/78, 1C, Taiwan

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

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

MEX 12 00:35:56.4±0.4, 17.28N×101.23W, h16km±5km, MD3.6, Near coast of Guerrero

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

DDA 12 00:37:02.9, 41°19'N-43°88'E, h7km±2km, ML2.8, TIF 12 00:37:02.8, 41°19'N-43°90'E, h17km, ISK 12 00:37:02.8, 41°18'N-43°90'E, h6km, ML2.3/7, NORS 12 00:37:05.4±0.0, 41°31'N-44°07'E, h18km, MPVA3.6, ISC 12 00:37:03.8±0.9, 41°19'N-02°43.89E±0.02, h12km±8km, n39, c0.45/64, Turkey-Georgia-Armenia border region

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

comp=Z, 4.0m, 1s, DIKO, POSOF, DGRG, etc.

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

ISC/JB 12 00:54:10.8±0.3, 24.38N±0.02-121.99E±0.02, h30km±2km, Error ellipse: s-maj=3.9km, s-min=2.6km, az=152.5, JMA 12 00:54:10.8±0.1, 24.33N±0.12-121.95E±0.04, h44km±3km, M1.9, TAP 12 00:54:10.8±0.2, 24.40N±0.12-121.94E±0.07, h27km, ML2.7, ISC 12 00:54:11.0±0.9, 24.39N±0.03-121.97E±0.02, h29km±6km, n46, c0.60/78, 1C, Taiwan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CB31, DHRN, DHRN, DHRN, ISCJB, IDC, NEIC, MEX, and various other codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YBH, YBH, V51A, V51A, MSO, TKL, TKL, SPMM, F10A, F10A, V52A, V52A, P48A, P48A, G08A, G08A, EGMT, EGMT, R50A, R50A, I42A, I42A, JTMT, JTMT, G40A, G40A, Q51A, Q51A, AGSM, AGSM, JSC, JSC, P51A, P51A, WALA, WALA, NEW, NEW, R53A, R53A, COWI, COWI, I45A, I45A, LON, LON, EYMM, EYMM, P53A, P53A, ULM, ULM, MCWV, MCWV, N54A, N54A, U59A, U59A, M54A, M54A, N55A, N55A, SADO, SADO, BBB, BBB, YKA, YKA, YKR8, YKR8, BCAR, BCAR, KDAD, KDAD, IL31, IL31, IL31, IL31, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, PLCA, PLCA, PLCA, PLCA, NB2, NB2, NB2, NB2, NB2, NB2, NOA, NOA, FIAO, FIAO, FINES, FINES, GERES, GERES, WRI, WRI, WRI, WRI, ASAR, ASAR, JSO, JSO, ISCJB, ISCJB, GRAL, GRAL, HLW, HLW, NSCC, NSCC, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OFRI, OFRI, BLGI, BLGI, ASF, ASF, ZFRI, ZFRI, KSHT, KSHT, MMA0B, MMA0B, KZIT, KZIT, HNTI, HNTI, KSDI, KSDI, KSDI, KSDI, GEM, GEM, PRNI, PRNI, HSN, HSN, NATI, NATI, SHBL, SHBL, BRBR, BRBR, BRBR, BRBR, HRFI, HRFI, HRFI, HRFI, TOTAH, TOTAH, TOTAH, TOTAH, RCY, RCY, RCY, RCY, KRMI, KRMI, KRMI, KRMI, QARWL, QARWL, QASN, QASN, QASN, QASN, DORL, DORL, DORL, DORL, MBRI, MBRI, AQBJ, AQBJ, EIL, EIL, EIL, EIL, BHLJ, BHLJ, HWQ, HWQ, HBST, HBST, SUZ, SUZ, SUZ, SUZ, HDHB, HDHB, HDHB, HDHB, HHAG, HHAG, ZAF, ZAF, ZAF, ZAF, HRDS, HRDS, KOT, KOT, KOT, KOT, KOT, KOT, GRB, GRB, GRB, GRB, HNAT, HNAT, HNAT, HNAT, GUC, GUC, LMEL, LMEL, LMEL, LMEL, LMEL, LMEL, ROCH, ROCH, ROCH, ROCH, FCH, FCH, FCH, FCH, FCH, FCH, ISCJB, ISCJB, VAO, VAO, IDC, IDC, NEIC, NEIC, SJA, SJA, BUJ, BUJ, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.



12d 3h

ISCJB 12 01:51:18.7.0.6.41.98N.0.06:136.99E.0.09,h350km, mb3.2/5, Error ellipse: s-maj=9.5km s-min=7.9km az=138.6

JMA 12 01:51:17.2.0.4.41.99N:136.97E,h348km,M3.3  
ISC 12 01:51:18.1.0.9.41.91N:0.03:177.09E.0.09,h350km,n22,  
c=26/25,mb3.3/5, Eastern Sea of Japan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JOSH Okushiri-Mats, JOSH Shimam, JOSH Oga, etc.

NNC 12 02:21:33.0.14.0,38.75N:76.84E,h0km,mb3.8,mpv3.4,  
Error ellipse: s-maj=94.5km s-min=48.6km az=171.0  
KNET 12 02:22:06.2.0.1.40.64N:77.03E,h0km,mb2.9  
SOME 12 02:22:07.5.40.53N:77.18E,h20km

ISC 12 02:22:04.5.2.2.40.58N:0.08:77.08E.0.03,h0km,13km,  
n35,c190/69,29C-8D,Kyrgyzstan-Xinjiang border

Main table for the first section, listing stations like NRN Narvn, KDJ Kajisay, KDJ Kabisay, etc., with their respective coordinates and phases.

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Table for the second section, listing stations like KUU Kurly, MRKS Mierka, ARXS Arhary, etc., with their respective coordinates and phases.

ISC 12 02:32:15.0.2.5.31.79N:51.87E,h0km,mb3.5/3,  
mb1 3.6/4,mb1mx3.2/47,mbtmp3.5/4,ML3.0/1,MS2.8/2,  
Ms1 2.8/2,ms1mx2.2/42, Error ellipse: s-maj=62.6km  
s-min=32.4km az=156.0

TEH 12 02:32:22.7.31.94N:50.87E,h5km,ML3.1  
ISC 12 02:32:23.6.1.1.32.00N:0.06:50.85E.0.05,h12km,7km,  
n21,c132/19,mb3.3/3,Northern and central Iran

Table for the third section, listing stations like ZNGN Zangian, JHBN Jahan bin, ROKH ROKH, etc., with their respective coordinates and phases.

THR 12 02:32:32.4.36.66N:51.01E,h14km,ML3.2  
TEH 12 02:32:39.0.36.48N:51.16E,h8km,ML3.2  
AZER 12 02:32:40.0.49.36N:51.08E,h30km,159km,ml3.3/10,  
Error ellipse: s-maj=299.0km s-min=18.8km az=327.0

ISC 12 02:32:39.2.1.2.36.46N:0.04:51.11E.0.03,h22km,13km,  
n36,c141/48,Northern and central Iran

Main table for the third section, listing stations like QALM Alamut, CHTH Charan, IGZV Ghazvin, etc., with their respective coordinates and phases.

Table for the fourth section, listing stations like SIYZN Siyyn, KHINALIQ Khinaliq, QUBA Quba, etc., with their respective coordinates and phases.

SNET 12 02:53:44.8.0.9.14.02N:90.05W,h12km,4km,ML2.4  
ISCJB 12 02:53:45.3.0.9.13.94N:0.07:90.08W.0.05,h13km,4km,  
Error ellipse: s-maj=13.4km s-min=4.5km az=29.3  
GCG 12 02:53:45.7.0.4.14.00N:90.11W,h6km,4km,MD3.5  
ISC 12 02:53:45.7.1.3.13.99N:0.07:90.04W.0.04,h14km,9km,  
n12,c083/20,C,Near coast of Guatemala

Table for the fifth section, listing stations like MOYU Moyuta, RTR El Retiro, SBLAS San Blas, etc., with their respective coordinates and phases.

ISC 12 03:08:37.4.1.5.41.70S:173.95E,h0km,mb3.4/2,  
mb1 3.6/3,mb1mx3.5/24,mbtmp3.4/3,ML3.1,MS3.2/3,  
Ms1 3.2/3,ms1mx2.9/9, Error ellipse: s-maj=44.9km  
s-min=29.1km az=152.0

ISCJB 12 03:08:40.0.0.3.41.86S:0.02:173.86E.0.03,h21km,3km,  
Error ellipse: s-maj=4.8km s-min=2.5km az=136.9  
WEL 12 03:08:40.1.42.5.5.17.4E,h12km,ML4.2/32,ML4.4/9,  
ML4.2/32, Error ellipse: s-maj=0.0km s-min=0.0km  
az=173.9

NEIC 12 03:08:40.5.1.9.41.80S:0.04:173.83E.0.03,h26km,5km,  
earthquakeID:quakeml.us.anss.org/earthquake/ak135  
ISC 12 03:08:39.5.0.9.41.81S:0.02:173.85E.0.02,h18km,3km,  
n82,c180/106,South Island

Main table for the fourth section, listing stations like BSWZ Blackbirch Sta, TUWZ Tuamarina, KHZ Kahutara, etc., with their respective coordinates and phases.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Wanaka, Moumakai, Toupeka, etc.

MEX 12 03:11:39.7-0.6, 16:14N-97.65W, h15km, 7km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vista Hermosa, Huatulco, Tlapa, etc.

NNC 12 03:17:25.7-3.0, 36.78N:70.19E, h0km, mb4.7, mpv4.5, Error ellipse: s-maj=26.0km s-min=20.0km az=6.0

IDC 12 03:17:26.2-3.4, 36.23N:70.57E, h164km, mb3.6/12, mb1 3.7/17, mb1mx3.4/49, mbtmp4.2/17, Error ellipse: s-maj=19.3km s-min=16.9km az=10.0

MOS 12 03:17:28.7-1.3, 36.51N:70.48E, h187km, mb4.2/5, Error ellipse: s-maj=12.4km s-min=5.4km az=79.0

ISCBJ 12 03:17:29.6-0.3, 36.50N:0.02E:70.62E:0.04, h204km, mb3.8/14, Error ellipse: s-maj=4.7km s-min=2.8km az=165.3

BUJ 12 03:17:30.5-0.0, 36.65N:70.66E, h200km, mb4.4/6, mb4.3/2

NEIC 12 03:17:30.1-2.3, 36.57N:0.06E:70.53E:0.05, h194km, mb4.2/4, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 12 03:17:30.5-0.5, 36.51N:0.04E:70.57E:0.05, h204km, n116, e182/134, mb3.8/14, 15C-6D, Hindu Kush region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kabul, Garm, Batken, etc.

Main station list table with columns: SMLA, MDOK, MDOK, MDOK, MDOK, MDOK, etc. Includes stations like Medeo, Jostimath, Makanchi, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lajitas Ar. Si, Lajitas Array, etc.





Table with columns: Code, Station Name, Az, El, P, M, L, R, S, SNR, Az, El, P, M, L, R, S, SNR. Includes stations like Malin Array Si, Feichten, Pyatigorsk, GERESS Array S, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, SNR, Az, El, P, M, L, R, S, SNR. Includes stations like Obninsk, Saint Martin d, La Druitiere, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, SNR, Az, El, P, M, L, R, S, SNR. Includes stations like Makanchi Array, Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, SNR, Az, El, P, M, L, R, S, SNR. Includes stations like Matias Romero, Huatulco, Vista Hermosa, etc.

MEX 12 03:35:48.9-0.7, 16.787N, 94.988W, h5km, MD3.7, Oaxaca
Code Station Name Az El P M L R S SNR Az El P M L R S SNR

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

BJI 12 03:55:22.5-0.0, 40.75N, 86.82E, h10km, ML3.4/10
NINC 12 03:55:27.7-1.3, 41.14N, 86.32E, h0km, mb3.9, mpv3.5

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, SNR, Az, El, P, M, L, R, S, SNR. Includes stations like Urumqi, Podgornoye, Karatay Array, etc.

IDC 12 03:59:55.6-2.5, 8:20S, 119:62E, h0km, mb3.4/2, mb1.3, 5/3, mb1mx3.4/27, mbtimp3.4/3, ML3.4/1, Error ellipse: s-maj=232.6km s-min=28.2km az=52.0

DJA 12 04:00:08.9,0.4,9°S,4°11'E, h102km,5km, M4,0/8, mb4.4/2, mB5.0/1, MLV3.7/8, Mw(m)3.4/2.1

ISC 12 04:00:08.1,1.0,8.84S,0.06E,119.22E,0.05, h100km, n13, c=158/16, Flores region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, Su, WBSI Alice Springs, PLAI Plampang, etc.

ASAR Alice Springs 20.87 101 P P 04 04 36.1 -0.8

MKAR Makanchi Array 64.41 33N P P 04 10 31.2 -2.5

IDC 12 04:20:45.6,0.8,25°60'S,179°16'E, h525km,9km, mb4.3/26, mb1.4/27, mb1mx4.2/38, mbtmps.1/27, Error ellipse: s-maj=11.8km s-min=7.7km az=169.0

ISC/JB 12 04:20:46.9,0.1,25°83'S,0.02°179.09'E,0.03, h55km, mb4.9/45, Error ellipse: s-maj=3.8km s-min=2.5km az=7.2

NEIC 12 04:20:46.8,2.3,25°75'S,0.1°179.2E,0.1, h546km,4km, mb4.7/121, earthModelID quakeml:us.anss.org/earthmodel/ak135

BUI 12 04:20:46.0,0.0,25°61'S,179°52'E, h554km, mb4.9/35, mb4.7/18

MOS 12 04:20:47.2,4.6,25°63'S,178°83'E, h535km, mb4.8/10, Error ellipse: s-maj=16.3km s-min=12.4km az=169.0

ISC 12 04:20:47.1,0.3,25°88'S,0.05°179.27'E,0.06, h550km, h582, r1964/568, mb4.8/91, 40C-26D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Main station list table (continued) with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like LREZ Lake Rotokare, AFI Afiamalu, AFI Afiamalu, etc.

Main station list table (continued) with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like KAPI Kappang, KAPI Kappang, JAGI Jagaj, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for various stations like PSZ, VYHS, GZR, etc.

NEIC 12 04:26:05.3z2.2,27.32S:0.09:178.37W:0.08, h141km,5km,mb4.3/46,earthModelID quakeml:us.anss.org/earthmodel/ak135

IDC 12 04:26:06.1z1.5,27.00S:178.49W,14km,mb3.9/11,mb1.4/12,mb1mx3.8/45,mbtmp4.5/12,Error ellipse: s-maj=21.1km s-min=14.1km az=162.0

ISC 12 04:26:03.6z0.4,27.28S:0.05:178.16W:0.07,h300km, n190,z2520/212,mb4.2/30,Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like RIZ, RAO, RAO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like KUTZ, RAHZ, MTHZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like NV01, NVAR, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USP, TKM2, TKM2, MKAR, KURBB, BVAR, AKTO, WSAR, TORD, WRA.

ISK 12 04:37:46.5, 39.13N, 29.22E, h2km, ML1.6/3
DDA 12 04:37:46.7, 39.08N, 29.18E, h7km, 4km, ML2.0
ISCJB 12 04:37:47.0, 0.7, 39.09N, 0.0, 29.17E, 0.06, h10km, 5km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHAP, GEDZ, USAK, TVSB, DURSB, MANT, KHAL, TAVA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YER, TURN, DALY.

IDC 12 04:41:01.2, 0.7, 59.98N, 152.85W, h0km, mb3.9/14,
mb1.4/2.18, mb1mx0.0/4, mbtmp4.0/18, ML4.4, MS3.2/15,
Ms1.3/2.15, ms1mx3.0/4.1, Error ellipse: s-maj=18.1km

NEIC 12 04:41:03.1, 1.9, 59.77N, 152.84W, 0.01, h16km, 3km,
Moment Tensor Solution. Moment tensor: Scale 10^15Nm;
Mn:0.24; Mb:-1.59; Mw:1.36; Mo:0.14; Ms:-1.12; Mr:-0.84;

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IVE, AUL, HOM, RED, RSO, RDJH, DFR, RDT, CNPM, BRK, BRLK, KAPH, CKL, SPCR, SPU, SPB, SPWE, SPCG, KAHC, CCLM, KAHC, SEW, SEW, KAWH, KAKN, SSW2, KABU, RC01, KDKA, KDAK, KELA, CAHL, KJL, SKT, SKT, PMR, PMR, OHA, OHA, OHA, KHK, KHK, GHO, PLK, PLK, SML, GLI.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPLA, HIN, FID, FID, SIL, JPK, SCM, TT01, TTA, EYAK, CAST, TRF, SGAM, KTH, RND, PS12, OHY, PS11, HMT, MCK, BPAW, SUCK, GLO, GLB, PAX, VRDI, CRQM, SNH, TGL, HDA, RIDG, PS08, PS08, DOT, IL31, ILAR, ILAR, ILAR, CHX, POKR, IM03, PCA, PNL, DHAK, DHD, ANM, DAW, BESE, EPYK, DLBC, DLBC, DLBC, INK, INK, BBB, YKWS, YKA, YKA, D08A, NEW, NEW, HAWA, G05D, G05D, WALA, K02D, K02D, L02E, KRMB, KRMB, YBH, BMO, BMO, M04C, M04C, N02D, N02D, WDC, WDC, PETK, MAZ, MAZ, BOZ, BEK, BEK, NVAR, NVAR, BV06, PDAR, PDAR, DUG, DUG, R11A, GRAC, CWC, TPNV, TPNV, ISA, MPMC, PKM, ULM, ULM, RSSD, RSSD, LRMC, G2C, G2C, O20A, AGMN, BFSC, BFSC.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GMRC, PV23, PV22, PV04, PV16, PV17, PV07, PV11, PV18, PV03, BELC, PV01, IRM, MONP2, MVCO, WUAZ, Y12C, Y12C, IKP, S22A, EYMN, SDCO, KSCO, E38A, BGNE, 214A, D41A, TUC, G40A, E43A, E43A, E44A, JFWS, L40A, D46A, E46A, E46A, D47A, E47A, G46A, MNTX, D49A, N41A, H46A, MATO, GLMI, E48A, I46A, F48A, L44A, H47A, J46A, F49A, I47A, LSQO, H48A, E50A, HDIL, I48A, D51A, TUL1, L46A, TOBO, E51A, CHGO, K47A, Z52A, J48A, F51A, D53A, KLBO, J49A, BMRO, E52A, F52A, K49A, BUKO, U40A, L48A, D54A.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FSK Fiskardo, BOSS Bosilgrad, IVAS Ivanjica, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PUKZ Pakihiroa, PKGZ Paritu Road, PUGZ Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), COEN Coen, COEN Coen, etc.

ISC/JB 12 04:45:46.5:0.15:54N:0:08:96:44W:0.03,h24km, Error ellipse: s-maj=11.2km s-min=4.7km az=4.5

WEL 12 06:01:59.4:1.5:35'S:14'18'0W:2.4,h33km,M3.9/8, ML4.2/9,MLV3.9/8, Error ellipse: s-maj=0.0km

ISC 12 04:45:48.0:1.2,15.54N:0:10:96:43W:0.04,h24km,n34, az=153.45,mb4.27,Near coast of Oaxaca

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), COEN Coen, COEN Coen, etc.

ISC 12 05:07:57.8:6.7,20.98S:148.14E,h0km,mb1 3.4/3, mb1mx3.4/18,mbtmp3.3/3,ML2.3/3, Error ellipse: s-maj=57.2km s-min=41.6km az=57.0, Queensland

ISC 12 06:11:27.6:0.0,9:23S:127.96E,h67km,mb4.8/16, mb4.8/10,Ms4.9/4

ISC 12 06:11:30.8:0.3,8:55S:104.9:127.96E:0.44,h35km,n145, mb4.6/41,earthModellID quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNM Barren Site, LENM Lemitar, U40A Yellville, etc.

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

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

ISC 12 05:07:57.8:6.7,20.98S:148.14E,h0km,mb1 3.4/3, mb1mx3.4/18,mbtmp3.3/3,ML2.3/3, Error ellipse: s-maj=57.2km s-min=41.6km az=57.0, Queensland

ISC 12 06:11:27.6:0.0,9:23S:127.96E,h67km,mb4.8/16, mb4.8/10,Ms4.9/4

ISC 12 06:11:30.8:0.3,8:55S:104.9:127.96E:0.44,h35km,n145, mb4.6/41,earthModellID quakeml.us.anss.org/earthmodel/ak135

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

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

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

ISC 12 05:13:23.3:7.6,19.91S:178.34W,h0km,mb3.9/2, mb1 4.2/2,mb1mx3.7/20,mbtmp3.9/2,MS3.8/2,Ms1 3.8/2, ms1mx3.0/19, Error ellipse: s-maj=338.5km s-min=62.8km az=146.0, Fiji Islands region

ISC 12 06:11:27.6:0.0,9:23S:127.96E,h67km,mb4.8/16, mb4.8/10,Ms4.9/4

ISC 12 06:11:30.8:0.3,8:55S:104.9:127.96E:0.44,h35km,n145, mb4.6/41,earthModellID quakeml.us.anss.org/earthmodel/ak135

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

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

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

ISC 12 05:26:10.3:8.9,19.97S:178.26W,h566km,106km, mb2.9/6,mb1 3.2/6,mb1mx3.1/18,mbtmp3.8/6, Error ellipse: s-maj=60.2km s-min=33.5km az=157.0

ISC 12 06:11:27.6:0.0,9:23S:127.96E,h67km,mb4.8/16, mb4.8/10,Ms4.9/4

ISC 12 06:11:30.8:0.3,8:55S:104.9:127.96E:0.44,h35km,n145, mb4.6/41,earthModellID quakeml.us.anss.org/earthmodel/ak135

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSAD1 Pilbara Seismi, PSAD2 Pilbara Seismi, PSAD2 Pilbara Seismi, etc.

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



12d 6h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, ZAA1, KURK, KKAR, ADK, BRVK, QSPA, SYO, ABKAR, RAYN, KBZ, ILAR, BRTR, SALO, PDAR, ULM, TORD, TOA1, TXAR, CPUP, LPAZ.

NIED 12 06:12:00, 43.10N, 139.90E, h210km, Mw4.5 Best double couple: M=5.86000x1015 N1=1.0900000, S=2.400000, L=158.00000. NP2=2.1000000, S81.00000, L68.00000.

BJI 12 06:12:46.5:0.0, 43.04N, 140.42E, h180km, mb4.7/44, mb4.6/23

ISCJB 12 06:12:53.0:0.1, 43.09N, 139.79E, h199km, 1km, mb4.4/108, Error ellipse: s-maj=3.4km s-min=2.4km az=161.8

NEIC 12 06:12:53.8:1.4, 43.13N, 139.80E, h190km, 6km, mb4.5/216, earthModellD quakeml.us.anss.org/earthmodel/ak135

MOS 12 06:12:53.0:1.0, 43.14N, 139.82E, h199km, mb4.6/61, Error ellipse: s-maj=5.7km s-min=4.9km az=106.0

SKHL 12 06:12:54.3:0.1, 43.26N, 139.91E, h180km, 4km, mb5.5/6, mb5.6/2

IDC 12 06:12:54.0:0.6, 43.16N, 139.79E, h193km, 5km, mb4.1/23, mb1.4/230, mb1mx4.1/51, mbtmp4.6/30, MS2 4/2, MS1 2/4/2, ms1mx2.2/41, Error ellipse: s-maj=8.4km s-min=7.3km az=151.0

JMA 12 06:12:54.5:0.1, 43.09N, 139.86E, h194km, 1km, M4.2

ISC 12 06:12:53.8:0.5, 43.11N, 139.84E, h195km, 4km, mb4.7/44, mb4.5/173, 7C-28D, Eastern Sea of Japan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations from JSH to GLVR.

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Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res. Lists stations from GLVR to BJI.

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Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res. Lists stations from BJI to BRLK.

Table with 4 columns: Call Sign, Name, Frequency, Mode. Includes stations like Rabbit Creek A, Wood River Hill, Glory Hole Cre, Clear Creek Bu, etc.

Table with 4 columns: Call Sign, Name, Frequency, Mode. Includes stations like Kabul, Dease Lake, Permogore, Gunungsstoli, etc.

Table with 4 columns: Call Sign, Name, Frequency, Mode. Includes stations like Malin Array Be, Malin Array Si, Malin Array Si, etc.

12d 6h

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like MORC, PSUT, VYHS, etc.

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Table with columns for station name, coordinates, elevation, and various data points. Includes stations like ANMO, Albuquerque, Albuquerque, etc.

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Table with columns for station name, coordinates, elevation, and various data points. Includes stations like NJ2, Nanjing, MDJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VOIR, AYS, RRR, VYHne, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR, USRK, MKAR, MAW, ILAR, GSPA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FCH, CLCH, ROCH, TCA, etc.

IDC 12 07:35:29.9, 59.0, 20.46S, 177.81W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/2.2, mbtmp3.9/3, Error ellipse: s-maj=1085.0km s-min=163.8km az=83.0, Fiji Islands

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

MEX 12 06:22:16.4, 0.5, 14.91N, 95.54W, h16km, 13km, MD3.9, Off coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HUIG, CMIG, PCIG, VHO, etc.

IDC 12 06:24:32.8, 4.4, 21.90S, 69.57W, h0km, mb3.6/1, mb1.3/8.2, mb1mx3.5/1.7, mbtmp3.7/2.1, ML3.8/1, Error ellipse: s-maj=136.3km s-min=59.2km az=84.0

ISCJB 12 06:24:49.0, 0.6, 20.89S, 0.02, 69.27W, h0.08, h119km, 5km, mb3.2/1, Error ellipse: s-maj=13.1km s-min=3.5km az=0.9

SJA 12 06:24:48.3, 0.7, 20.87S, 69.18W, h116km, 4km, ML3.4, MW1.6

GUC 12 06:24:49.0, 0.7, 20.87S, 69.12W, h106km, 3km, ML3.9

ISC 12 06:24:49.6, 1.0, 20.89S, 0.03, 69.28W, h0.07, h116km, 6km, n31, c150/59, 8C, Northern Chile

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IPOC Station P, IPOC Station P, etc.

ISCJB 12 07:00:50.3, 0.7, 38.71N, 0.03, 25.44E, h0.04, h11km, 5km, Error ellipse: s-maj=5.7km s-min=4.3km az=176.4

DDA 12 07:00:50.0, 38.76N, 25.56E, h7km, 3km, ML2.6

ATH 12 07:00:50.2, 38.72N, 25.46E, h17km, 5km, ML2.3, Error ellipse: s-maj=6.0km s-min=1.1km az=185.0

THE 12 07:00:50.0, 38.68N, 25.43E, h8km, 3km, ML1.8/5, Error ellipse: s-maj=4.0km s-min=1.0km az=132.0

ISC 12 07:00:50.1, 0.1, 38.71N, 0.03, 25.44E, h0.04, h16km, 8km, n15, c080/29, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PSRA, CHOS, SIGR, PRK, etc.

KRSC 12 07:04:41.4, 1.5, 52.33N, 160.87E, h40km, 17km, ML3.9, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPN, NLC, RUS, DALK, etc.

ISCJB 12 07:16:54.9, 0.8, 31.20S, 0.05, 68.33W, h0.04, h107km, 9km, Error ellipse: s-maj=7.8km s-min=5.2km az=83.8

SJA 12 07:16:54.9, 0.8, 31.26S, 68.38W, h107km, 6km, ML3.4, MW4.0

ISC 12 07:16:55.6, 1.5, 31.19S, 0.05, 68.34W, h0.04, h103km, 11km, n16, c0872/27, 1C-1D, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATOL, RMLG, RTVC, etc.

ISCJB 12 07:51:10.8, 0.4, 24.43N, 0.02, 121.88E, h0.02, h26km, 3km, Error ellipse: s-maj=4.0km s-min=2.3km az=21.7

TAP 12 07:51:10.6, 24.44N, 121.83E, h2km, ML2.9, B

JMA 12 07:51:10.3, 0.2, 24.39N, 121.83E, h37km, 5km, M2.3

ISC 12 07:51:10.4, 0.9, 24.43N, 0.02, 121.85E, h0.03, h26km, 5km, n47, c073/83, Taiwan

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NANB, ENA, TWC, EOS1, etc.

12d 8h

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

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Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

IDC 12 08:00:43.1, 4.5, 47S; 150.91E, h274km, 17km, mb3.6/4, mb1 3.6/5, mb1mx3.1/35, mbtmp2.4/25, Error ellipse: s-maj=35.5km s-min=24.9km az=115.0, New Britain region

IDC 12 08:28:35.5:1.5, 15.14Sx176.97E, h0km, mb3.9/7, mb1 4.2/7, mb1mx3.9/35, mbtmp3.9/7, MS3.3/4, Ms1 3.3/4, ms1mx3.1/31, Error ellipse: s-maj=108.7km s-min=21.6km az=148.0

IDC 12 08:28:36.1:1.6, 15.55S:0.2x177.2E:0.2, h33km, mb3.9/7, MS3.4/3, Error ellipse: s-maj=34.5km s-min=12.1km az=147.7

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

IDC 12 08:19:32.1:9.1, 6.120S:136.06E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.5/37, mbtmp3.8/4, ML3.9/11, MS2.2/1, Ms1 2.2/1, ms1mx2.0/32, Error ellipse: s-maj=169.1km s-min=31.9km az=3.0, Bougainville-Solomon Islands region

IDC 12 08:51:17.8:0.5, 55.16Sx129.27W, h0km, mb4.7/13, mb1 4.8/13, mb1mx4.6/30, mbtmp4.7/13, MS4.7/11, Ms1 4.6/11, ms1mx4.5/17, Error ellipse: s-maj=21.0km s-min=14.5km az=166.0

IDC 12 08:51:18.2:0.3, 55.20S:0.07x129.2W:0.1, h10km, mb4.6/13, MS4.7/18, Error ellipse: s-maj=10.9km s-min=8.4km az=152.0

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, MAT, eS, Sn, 08 23 15.3 +1.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOA1, NJ2, CMAR, etc.

HEL 12 08:51:36.4:0.1, 60.21N; 17.86E, h0km, ML1.6(U,PP)

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

BER 12 08:52:25.1:1.9, 61.02N; 8.18E, h0km, 5km, ML1.2, Southern Norway

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

Error ellipse: s-maj=19.1km s-min=15.4km az=143.3. IDC 12 08:54:24.2:0.8, 55.05S; 129.39W, h0km, mb4.2/7, Error ellipse:

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QSPA, QSPA, VNA3, etc.

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

ISCJB 12 08:54:23.8:0.7, 55.1S; 0.1x129.3W; 0.2, h10km, mb4.2/7,

Table listing astronomical data for 12 days and 9 hours, including columns for date, location, magnitude, and other parameters.

Table listing astronomical data for 2013 September, including columns for date, location, magnitude, and other parameters.

Table listing astronomical data for 700, including columns for date, location, magnitude, and other parameters.

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like KSH, MK31, MKAR, MA2, etc.

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like PRGR, VRH, MDM, TOLK, etc.

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like R11A, PFO, MONP, TUQ, etc.





Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC, Residual. Includes stations like Mocksville, Sparta, Indian Trail, Coltrane Farms, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC, Residual. Includes stations like Guam, WAKE ISLAND, WAKE ISLAND Hy 20.20, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC, Residual. Includes stations like Abilene, Hawle, Albuquerque, Organ Pipe Nat, etc.

IDC 12 09:17:24.4-1.1, 14°28N-146°10E, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.5/39, mbtmp3.6/5, Error ellipse: s-maj=39.3km s-min=20.9km az=122.0, Mariana Islands

IDC 12 09:59:22.4-1.1, 38°76N-177°95E, h0km, mb3.6/8, mb1 3.7/16, mb1mx3.6/44, mbtmp3.6/16, ML3.8/5, Error ellipse: s-maj=16.0km s-min=15.3km az=116.0, ROM 12 09:59:23.9-0.2, 38°63N-176°01E, h20km, mb3.5/50, Error ellipse: s-maj=1.6km s-min=0.8km az=322.0, PDG 12 09:59:25.3-0.5, 38°73N-177°96E, h31km, mb3.6/12, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0, ISC 12 09:59:23.4-1.2, 38°72N-177°98E, h12km, mb3.5/9km, n176.1°143/192, mb3.5/7, 23C-10D, Southern Italy

IDC 12 09:39:17.2-1.1, 48°81N-156°02E, h17km, mb16km, ML3.7, East of Kuril Islands



Table with columns for station name, frequency, power, and other technical details. Includes stations like MUCR, BAI Campora, AGST, MCPD, HAGA, IFIL, MNO, MSFR, SSS, PVO, IACL, HAVL, VULT, and UDBI.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VULT, EVR, HVZN, TIR, DRO, HPAC, VAE, HMDC, SGTA, AMT, LAKA, HBSP, SERGA, OHR, THL, MAKRA, KZN, KLV, ULC, ULC, AGIOS, PYL, PSH, DRME, PUK, PUK, PUK, PUK, BUM, SACH, SACH, SACH, SACH, HCY, HCY, LIT, PDG, PDG, PDG, TIT, CEME, CEME, TREB, NKME, PVY, STON, STON, NKY, NKY, ERY, VILL, KOME, KOME, DID, VAY, STIP, IVA, IVA, VLI, UPM, UPM, UPM, HVAR, MAKRA, KTHR, PLE, KTHA, ZIRJ, BBLs, HAPS, KJUV, MORI, VTS, DIVS, DUGI, MGRS, UDBI.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BLKB, BLY, APE, NVAJIA, AMGA, FRGS, MDVDR, OZLJ, PTIJ, CRES, BZS, CEY, MORH, CZR, LUJ, OBKA, SOKA, MYKA, VOIR, ARSA, DRGR, ABTA, MLR, KBA, DOPR, CONA, MOA, VRI, VYHS, DAVOX, GERES, BRTR, AKASA, MMAI, ESDC, MALIN, GNI, HFS, EKA, NOA, FINES, TORD, MKAR, ZALV, WRA, ASAR.

ROM 12:10:03:07.9,0.3,43356N,0:004,12:52E,0:01,h5km,3km, 110/4, Error ellipse: s-maj=0.7km s-min=0.7km

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ATVO, MURB, ATPI, PIEI.

ISCJB 12:10:04:30.9,0.8,237S,0:1,179:7W,0:1,h536km,mb3.8/6, Error ellipse: s-maj=19.2km s-min=16.8km az=159.8

ISC 12:10:04:31.5,2.6,237S,0:1,179:7W,h533km,37km,mb3.4/6, mb1 3.6/8, mb1mx3.3/25, mbtmp4.3/8, Error ellipse: s-maj=50.4km s-min=18.0km az=168.0

ISC 12:10:04:31.6,0.9,237S,0:1,179:7W,0:1,h536km,n9, 0:57Z,9,mb3.9/6, South of Fiji Islands

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAO, DZM, URZ, STKA, ASAR, WRA, NVAR, TXAR, ILAR.

ISCJB 12:10:31:22.1,0.5,20:46S,0:03,68:05W,0:05,h184km,6km, mb3.9/2, Error ellipse: s-maj=7.2km s-min=4.1km az=171.5

ISC 12:10:31:22.4,0.9,20:42S,67:86W,h168km,13km,mb3.7/2, mb1 3.7/6, mb1mx3.4/33, mbtmp4.2/6, Error ellipse: s-maj=24.4km s-min=9.8km az=101.0

SJA 12:10:31:22.5,0.7,20:47S,68:05W,h184km,6km,ML3.5, WVG,4

GUC 12:10:31:24.3,0.5,20:43S,68:17W,h183km,4km,ML3.9

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PB08, GO01, PB01, PB11.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB11 IOPC Station P, PB09 IOPC Station P, PB02 IOPC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KRVT Keravat (AS076), STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GUC 12:23:49.8, RCDM Rinconada Maip, ANTU Antumapu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include UCR 12:10:37:15.8, SR1A1 San Ramn, ARE1 Arenal 1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NOR 12:07:55.0, KIV0 Kislovodsk Arr, SHA1 Shidzhatmaz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ISCJB 12:24:03.8, EDFI Ende, Flores, MMRI Maumere, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 12:10:51:19.7, HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MEX 12:12:21:13.0, PCIG PCIG, THIG THIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Kurcakra, HAKKARI, Mosul, Hakkari\_Ykse, etc.

ISCN 12:26:17.2.0.9,37.13N.43:35E,h0km,5km,ML2.4
ISCBJ 12:26:19.1.0.7,37.13N.0:03:43.45E,0.06,h6km,6km,
Error ellipse: s-maj=7.9km s-min=6.1km az=22.6

DDA 12:26:19.6.37:25N.43:41E,h7km,1km,ML2.9
ISC 12:26:19.1.0.7,37.13N.0:04:43:41E,0.04,h15km,8km,

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kurcakra, HAKKARI, Mosul, Hakkari\_Ykse, etc.

BUI 12:32:51.0.0.0,8:55N,125:84E,h54km,mb4.750,
mB4.8/40,Ms4.3/36,Mst7.4/2/32

ISCBJ 12:32:53.2.0.2,9:13N.0:02:125:78E,0.03,h35km,
mb4.8/86,MS3.9/30,Error ellipse: s-maj=3.6km

MAN 12:32:53.9:04N,125:55E,h18km,MS4.9
MAN INTENSITY IV - BUTUAN CITY; INTENSITY III -
CAMIGUIN ISLAND; INTENSITY II - SURIGAO CITY;

MOS 12:32:54.1:1.9:16N,125:72E,h50km,mb5.0/37,Error
ellipse: s-maj=12.1km s-min=6.6km az=116.7

IDC 12:32:54.1:2.3:9:19N,125:66E,h33km,18km,mb4.3/29,
mb1.4/4.3,mb1mx4.4/37,mbtmp4.5/33,ML4.4/4,MS3.8/24,
mb1.3.8/24,ms1mx3.6/50,Error ellipse: s-maj=14.7km

GCMT 12:32:55.0.0.4,9:16N.0:02:125:51E,0.03,h34km,2km,
MW4.9/61,Moment Tensor Solution. s17,c18; s61,c83;
Duration: 0 Moment tensor: Scale 10^10Nm; Mn-0.11: 19;

DJA 12:32:56.1:0.5:9:13N,126:31E,h45km,5km,ML4.9/41,
mB5.2/17,mb5.0/41,MLV5.4/4,MW(mB)4.6/17

NEIC 12:32:56.9:1.7:9:06N.0:08:125:62E,0.08,h54km,2km,
earthModelID quakeml.us.anss.org/earthmodel/k135

ISC 12:32:57.1:1.5:9:11N.0:08:125:65E,0.08,h56km,6km,
mb4.8/47,earthModelID
quakeml.us.anss.org/earthmodel/k135

ISC 12:32:55.0.0.3,9:09N.0:03:125:64E,0.04,h35km,n276,
c1874/261,mb4.8/100,MS3.9/31,16C-8D,Mindanao

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Butuan, Gagayan de Oro, Masin, Musuan, etc.

Main table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZHJ, JOW, EDW, JFI, QIZ, QIZ, QIZ, etc.

Table with 10 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MHMT, COEN, COEN, COEN, etc.

12d 13h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KKN, DMN, NWA0, etc.

2013 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Includes stations like GEYT, URZ, BKZ, etc.

708

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Includes stations like ISCJB, MOYG, IKG, etc.













12d 15h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YKWB, YKA, YKA, YKA, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like AFDM, MSO, MSO, MSO, etc.

714

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



12d 15h

Table with columns: ID, Name, Time, Lat, Lon, P, S, W, T, etc. Includes entries like 149A Milan, ZAA1 Zalesovo Array, ZALV Zalesovo Beam, etc.

2013 SEP

Table with columns: ID, Name, Time, Lat, Lon, P, S, W, T, etc. Includes entries like I55A Frankford, H55A Tweed, OXF Oxford, etc.

716

Table with columns: ID, Name, Time, Lat, Lon, P, S, W, T, etc. Includes entries like J57A Williamstown, J57A Williamstown, U50A Jamestown, etc.

Table with columns for station ID, name, frequency, power, and various metrics. Includes stations like Dayton Farm, Calhoun, Fall Branch, etc.

Table with columns for station ID, name, frequency, power, and various metrics. Includes stations like Basking Ridge, Urumqi, Greenville, etc.

Table with columns for station ID, name, frequency, power, and various metrics. Includes stations like W58A Raeford, V59A Midlex, Y57A Sumter, etc.



Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAK, KZA, MOS, SLVN, AB31, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TBI, CLL, CLL, CLL, CLL, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like GRR, MODS, MODS, BURAR, BURAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKH Alkhalakaki, MMRI Maurem, GZR Gura Zlata, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLCA Paso Flores, PLCA Paso Flores, MAW Mawson, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PNCL Sonseca Array, ESCD Sonseca Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUWI, SIJI, APJI, NLAJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PYUN, WMQ, PEAB, PETK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASU, HARU, LAUK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DPDB Guoxing, NSY Sanyi, WDJ Dajia District, etc.

TAP 12 17:07:10.8,24'95N,121'98E,h12km,ML2.1,2C,C

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, EGS, NTC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YMO1 YMO1, YMO8 YMO8, YMO10 YMO10, etc.

ISC 12 17:16:36.8-1.6,14.675S\*176.32W,h0km,mb3.8/6, mb1 4.2/6,mb1mx3.9/39,mbtmp3.8/6,MS3.6/13, Ms1 3.6/13,ms1mx3.5/24,Error ellipse: s-maj=124.1km s-min=22.7km az=150.0,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAR Rarotonga, DZM Mont Dzumac, HNR Honiara, etc.

ISCJB 12 17:38:51.0-0.7,11.91N:0.1:93.8E:0.1,h150km,mb3.8/12, Error ellipse: s-maj=22.6km s-min=12.3km az=143.7, ID 12 17:38:53.4-5.6,11.89N:93.76E,h149km,50km,mb3.6/12, mb1 3.7/13,mb1mx3.4/36,mbtmp4.0/13,Error ellipse: s-maj=48.5km s-min=12.2km az=52.0, ID 12 17:38:53.4-0.8,11.91N:0.1:93.8E:0.2,h150km,n13, c056/36,12C-4D,Kyrgyzstan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB08 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, etc.

ISCJB 12 17:39:11.1-0.9,7.90S:0.07:129.09E:0.07,h100km, mb3.5/1, Error ellipse: s-maj=10.7km s-min=9.3km az=158.1, ID 12 17:39:13.0-2.2,7.90S:129.07E,h114km,26km,mb3.3/1, mb1 3.5/6,mb1mx3.2/28,mbtmp3.8/6,Error ellipse: s-maj=24.5km s-min=20.8km az=128.0, ID 12 17:39:11.6-0.9,7.93S:0.06:129.18E:0.09,h100km,n6, c235/11,Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BATI Baumenta, BATI, SIJI Sorong, SIJI, FITZ Fitzroy Crossi, FITZ, WRA Warramunga Arr, WRA, ASAR Alice Springs, ASAR, MKAR Makanchi Array, MKAR.

NNC 12 17:40:02.7-1.7,41.71N:77.97E,h0km,mb3.0,mpv2.8, Error ellipse: s-maj=12.0km s-min=8.4km az=10.0, Suspected Mining explosion, SOME 12 17:40:03.8,41.65N:77.67E,h5km, ISCJB 12 17:40:04.9-1.0,41.68N:0.05:77.71E:0.06,h0km, Error ellipse: s-maj=7.7km s-min=5.6km az=151.0, KRNET 12 17:40:05.7-0.1,41.74N:77.69E,h18km,mb2.5, ID 12 17:40:02.9-1.6,41.67N:0.07:77.74E:0.05,h0km,n21, c056/36,12C-4D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KDJ Kajisay, KDJ, ULHL Ulahol, ULHL, NRN, NRN, TNSS Tian-Shan, TNSS, TNSS, TNSS, BOOM Boomsokoy usch, BOOM, MDOK Medeo, MDOK, MDOK, MDOK, MDOK, MDOK, UZB Uzynbulak, UZB, KST Kastele, KST, KST, TKM2 Tokmak 2, TKM2, TKM2, PDGK Podgornoye, PDGK, DGS Degeres, DGS, DGS, DGS, KTBS Karatobe, KTBS, KTBS, CHKK Chushkaly, CHKK, CHKK.

Table with 4 columns: CHKK, Station Name, Azimuth, and Position (Pb/Sb, Time, Res). Includes CHKK 2.26 346 eP Pb 17 40 45.1 +0.6 and CHKK 7.5nm,0.3s eS Sb 17 41 14.3 +1.2

MEX 12 17:48:20.3;0.4, 18.20N×101.97W, h58km, 4km, MD3.7, Guerrero

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes ZIIG Zihuatanejo 0.76 141 iP Pn 17 48 34.0 -1.2 and ZIIG Puente Sto Nin 1.54 87 eP Pn 17 48 44.0 +1.5

MEX 12 17:51:17.9;0.5, 27.53N×104.90W, h21km, 58km, MD4.0, Northern Mexico

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes HPIG 0.90 229 eP Pn 17 51 32.4 -2.5 and CGIG 3.91 317 iP Pn 17 52 14.4 -2.4

IDC 12 18:09:52.0;2.5, 19.37N×143.22E, h0km, mb3.1/3, mb1 3.4/3, mb1mx3.1/37, mbtmp3.1/3, Error ellipse: s-maj=24.1km s-min=26.1km az=109.0, Mariana Islands region

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes WRA Warramunga Arr 40.3 193 P P 18 17 29.4 +0.4 and ASAR Alice Springs 4.73 192 P P 18 17 58.6 -0.7

IDC 12 18:23:25.6;2.0, 22.32S×175.11W, h0km, mb3.8/6, mb1 4.1/6, mb1mx3.9/34, mbtmp3.8/6, Error ellipse: s-maj=17.9km s-min=24.9km az=153.0, IS/CJB 12 18:23:29.1;1.6, 22.5S×175.11W, 0.4, h33km, mb3.8/6, Error ellipse: s-maj=104.9km s-min=16.6km az=155.2, NEIC 12 18:23:34.6;2.0, 22.4S×175.0W, 0.7, h77km, 13km, mb4.3/3, earthModelID

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes WRA Warramunga Arr 40.3 193 P P 18 17 29.4 +0.4 and ASAR Alice Springs 4.73 192 P P 18 17 58.6 -0.7

IDC 12 18:23:30.5;1.7, 22.35S×187.175W, 0.4, h33km, n17, r=134/16, mb4.0/8, Tonga Islands region

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes STKA Stephens Creek 39.45 247 P P 18 30 58.0 +0.3 and AS31 Alice Springs 46.71 258 I Amb I Amb 18 33 36.1

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes WRA Warramunga Arr 47.00 263 P P 18 31 58.4 -0.5 and CM31 Chiang Mai Arr 93.22 289 I Amb I Amb 18 39 14.6

MEX 12 18:39:29.1;1.0, 17.45N×101.76W, h5km, MD3.7, Near coast of Guerrero

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes ZIIG Zihuatanejo 0.32 61 iP Pn 18 39 34.3 -1.1 and MEIG Mezcala 2.10 77 iS Pn 18 40 02.3 -2.7

NIED 12 18:41:00.44;7.0N, 149.30E, h35km, Mw3.7 Best double couple: M3.47000×10^14 NP1=20.0000°, 844.0000°, Λ143.0000°, NP2=348.0000°, 865.0000°, Λ52.0000°, IDC 12 18:41:23.6;1.1, 44.73N, 149.76E, h0km, mb3.4/6, mb1 3.7/7, mb1mx3.5/43, mbtmp3.5/7, ML3.2/1, MS3.0/6, Ms1 3.0/6, ms1mx2.7/31, Error ellipse: s-maj=29.9km s-min=26.1km az=86.0, MOS 12 18:41:27.5;1.3, 44.68N, 149.65E, h42km, mb3.9/1, Error ellipse: s-maj=17.7km s-min=11.0km az=168.9, JMA 12 18:41:29.3;0.5, 44.59N, 149.28E, h30km, N13.9, SKHL 12 18:41:29.3;0.5, 44.74N, 149.19E, h75km, 1km, mb4.6/4, ISC 12 18:41:25.3;4.4, 43.31N, 150.06E, 149.60E, 0.08, h15km, 20km, n49, c291/55, mb3.6/7, 2C-3D, Kuril Islands

Table with 10 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes KUR Kuril'sk 1.54 307 dIP Pn 18 41 51.0 -1.3 and YUK Yuzh-Kuril'sk 2.70 266 eP Pn 18 42 11.5 -1.9

Table with 6 columns: LAGR, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes LAGR Lagunnoye 2.76 266 ePN Pn 18 42 12.6 -1.7

Table with 6 columns: LAGR, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes LAGR comp=E.62nm,0.1s pmax pmax 18 42 43.5 +1.5

Table with 6 columns: LAGR, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes GRPR Tuman 2.77 265 ePN Pn 18 42 12.5 -2.1

Table with 6 columns: NEMZ Nemuro 2 2.95 253 P Pn 18 42 12.2 +0.6 and NEMZ Nemuro-Hokkai 2.95 253 ePN Pn 18 42 13.5 +1.8

Table with 6 columns: ERM Erimo 5.24 246 dIP Pn 18 42 45.8 +2.7 and JNBK Urakawa-nobuka 5.39 250 P Pn 18 42 46.2 +1.0

Table with 6 columns: H1N2 WAKE ISLAND Hy 28.44 144 T T 19 18 15.6 and H1N1 WAKE ISLAND Hy 28.45 144 T T 19 18 17.4

Table with 6 columns: CMAR Chiang Mai Arr 49.38 256 LR LR 19 05 26.9 and MKAR Makanchi Arr 45.89 298 P P 18 49 46.2 -0.8

Table with 6 columns: CMAR Chiang Mai Arr 49.38 256 LR LR 19 05 26.9 and MKAR Makanchi Arr 45.89 298 P P 18 49 46.2 -0.8

Table with 6 columns: CMAR Chiang Mai Arr 49.38 256 LR LR 19 05 26.9 and MKAR Makanchi Arr 45.89 298 P P 18 49 46.2 -0.8

ISK 12 18:48:25.9;38.75N, 143.55E, h9km, ML2.6/11
ISC/JB 12 18:48:26.8;0.4, 38.73N, 143.59E, h5km, 4km, Error ellipse: s-maj=3.9km s-min=3.1km az=11.2
DDA 12 18:48:28.7;0.2, 38.70N, 143.51E, h74km, ML2.9
ISC 12 18:48:26.8;0.9, 38.74N, 143.58E, 0.03, h12km, 7km,

Table with 6 columns: n31, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes Code n31, Station Name 01502/43, Turkey

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes VANB Van 0.21 227 PG SG Pn 18 48 31.7 +0.3

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes VMUR Van-Muradiye 0.25 358 iP Pn 18 48 32.0 -0.2

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes ERVC ERICIS-VAN 0.34 326 PG SG Pn 18 48 32.6 -1.2

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes BLIS Bitlis-Merkez 1.19 255 iP Pn 18 48 48.2 -1.6

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes VRTB Varto-Mus 1.71 285 Pn Pn 18 48 56.4 -0.1

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes CMAR Chiang Mai Arr 46.03 205 Pn Pn 19 02 15.8 -0.3

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes MKAR Makanchi Arr 22.52 314 Pn Pn 19 03 29.4 -0.4

Table with 6 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes PB09 IPOC Station P 0.57 270 iP Pn 19 03 46.4 0.0

ISC/JB 12 19:03:27.0;0.8, 21.80S, 147.00E, h128km, 10km, Error ellipse: s-maj=10.9km s-min=5.6km az=168.7, SJA 12 19:03:27.3;0.3, 21.88S, 147.54W, h117km, 5km, ML1.8, MW2.7, GUC 12 19:03:27.5;0.6, 21.78S, 146.69W, h123km, 4km, ML3.1, ISC 12 19:03:27.1;1.7, 21.80S, 147.00E, h121km, 14km, n20, c096/35, 8C-1D, Chile-Bolivia border

Table with station names and codes (HJA, HUA, AZAP) and their respective times and phases.

NIED 12 19:49:00,36:70N;141:00E,h53km,Mw4.2 Best double couple: M2.66000x1015 NP1:2215.000000, 314.000000...

Table with station names (XAN, XAN, XAN, YAK, YAK, YAK) and their respective times and phases.

GCG 12 19:07:15.7,3.0,12:88N;90:67W,h42km,379km,MD4.0 MEX 12 19:07:25.9,0.5,13:35N;91:17W,h10km,MD4.1

JMA 12 19:49:33.0,1.6,36:63N;140:94E,h49km,1km,M4.4 Broadband fault plane solution: P waves. NP1: 22.000000, 365.000000...

Table with station names (ENH, ENH, ENH, YAK, YAK, SONAD) and their respective times and phases.

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

JMA 12 19:49:33.0,1.6,36:63N;140:94E,h49km,1km,M4.4 Broadband fault plane solution: P waves. NP1: 22.000000, 365.000000...

Table with station names (SONAD, SONM, SONM) and their respective times and phases.

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

NEIC 12 19:49:33.7,1.7,36:70N;140:07W;140:96E;0:06,h46km,7km, Mw4.3, earthModellID: quakeml.us.anss.org/earthmodell/ak135

Table with station names (SONM, SONM, TLY, CD2, GTA, GTA, GTA) and their respective times and phases.

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

IDC 12 19:49:32.4,0.4,36:65N;140:02;140:98E;0:04,h51km,2km, mb4.2/42,MS3.3/11, Error ellipse: s-maj=5.3km s-min=3.7km az=30.3

Table with station names (GTA, GTA, GTA, DAV, SIJI, SIJI, WBK, WBK, WMQ) and their respective times and phases.

UCR 12 19:18:25.9,1.6,10:39N;86:37W,h0km,340km,MW3.8, Off coast of Costa Rica

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

Table with station names (WMQ, WMQ, WMQ, WMQ, WMQ, CMAR) and their respective times and phases.

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

IDC 12 19:27:56.9,7.3,30:75S;178:57W,h0km,mb3.5/2, mb1.3/8.2,mb1mx3.5/30,mbtmp3.5/2, Error ellipse: s-maj=302.2km s-min=58.3km az=156.0,Kermadec Islands

Table with station names (MK31, MK31, MKAR, MKAR, MKAR, MAKZ) and their respective times and phases.

ISCB/J 12 19:33:28.0,0.6,37:35N;10:08;135:12E;0:10,h378km, mb3.1/1, Error ellipse: s-maj=12.2km s-min=7.8km az=153.7

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

Table with station names (IL31, IL31, ILAR, ILAR, KSH, KSH) and their respective times and phases.

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

IDC 12 19:33:28.3,1.1,37:36N;135:25E,h372km,19km,mb2.9/1, mb1.2/9.5,mb1mx2.5/45,mbtmp3.5/5, Error ellipse: s-maj=26.5km s-min=22.9km az=126.0

Table with station names (OTUK, OTUK, BVAR, BVAR, BCAR, BCAR, KKAR) and their respective times and phases.

JMA 12 19:33:28.0,0.4,37:22N;135:10E,h384km,4km,M2.7 ISC 12 19:33:28.0,1.0,37:37N;10:10;135:13E;0:08,h378km,n16, r1572/19, Sea of Japan

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

Table with station names (AS31, AS31, HRA, HRA, HRA) and their respective times and phases.

IDC 12 19:40:48.4,1.6,4:30N;126:32E,h0km,mb3.6/5, mb1.3/6.6,mb1mx3.4/46,mbtmp3.6/6,ML3.6/1, Error ellipse: s-maj=7.0km s-min=2.2km az=64.0

MAN 12 19:40:49.4,5:28N;126:57E,h8km,MS3.9 ISC 12 19:40:48.3,0.8,5:17N;109:126E;0:11,h10km,n14, r1579/15, mb3.5/3,C, Mindanao

Table with station names (STKA, STKA, SUF, SUF, SUF) and their respective times and phases.

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

Table with station names (Code, Station Name) and various parameters (Delta, Azimuth, Phase ID, Time, Res).

Table with station names (PINE, PINE, KBZ, KBZ, BMO, BMO, BMO) and their respective times and phases.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AKASG Malin Array Be, AKBB Malin Array Si, BOZ Bozeman (W), etc.

ISK 12 19:49:36.6, 37.32N, 37.14E, h10km, ML2.4/10
ISCJB 12 19:49:37.4, 0.4, 37.29N, 0.02, 37.13E, 0.02, h5km, 3km,
Error ellipse: s-maj=3.9km s-min=3.3km az=18.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KHMN Nari-Kahraman, KHMN Gaziantep, etc.

DDA 12 19:49:37.0, 37.32N, 37.14E, h19km, ML2.8
ISC 12 19:49:37.0, 9.37, 37.31N, 0.02, 37.13E, 0.02, h9km, 6km,
n31, 0576/42, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ANDN Andrin, ATAB Bozova, ELBS KAHRAMANMARAS, etc.

ISC 12 19:54:59.7, 1.1, 5.75S, 149.97E, h0km, mb3.8/4,
mb1.4/1.6, mb1mx3.6/3.8, mbtmp3.8/6, ML1.8/1.7, MS3.1/3,
Ms1.3/1.3, ms1mx2.6/3.3, Error ellipse: s-maj=77.2km,
s-min=17.2km az=135.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, KRVT Keravat, etc.

IDC 12 19:55:12.9, 1.9, 7.41S, 129.00E, h0km, mb3.6/2,
mb1.3/8.6, mb1mx3.5/4.1, mbtmp3.7/6, ML3.7/4, Error
ellipse: s-maj=45.7km s-min=27.6km az=67.0, Banda
Sea

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

IDC 12 20:06:35.5, 1.6, 43.79N, 105.33W, h0km, mb3.7/3,
mb1.3/8.6, mb1mx3.5/4.1, mbtmp3.6/6, ML3.3/2, MS2.4/2,
Ms1.2/4.2, ms1mx2.3/4.4, Error ellipse: s-maj=56.1km,
s-min=7.6km az=152.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RSSD Black Hills, K22A Casper, K22A Casper, etc.

ISCJB 12 20:06:37.4, 0.3, 43.78N, 105.23W, 0.04, h10km,
Error ellipse: s-maj=4.0km s-min=3.6km az=23.8
NEIC 12 20:06:38.4, 0.9, 43.77N, 105.28W, 0.03, h0km, 1km,
ML3.2/56, earthModelID
cuakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RSWD Black Hills, K22A Casper, K22A Casper, etc.

ISC 12 20:08:38.0, 0.7, 43.80N, 105.15W, 0.05, h10km, n82,
0587/81, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RSWD Black Hills, K22A Casper, K22A Casper, etc.

ISC 12 19:55:02.8, 0.6, 5.75S, 149.97E, h0km, mb3.8/4,
mb1.4/1.6, mb1mx3.6/3.8, mbtmp3.8/6, ML1.8/1.7, MS3.1/3,
Ms1.3/1.3, ms1mx2.6/3.3, Error ellipse: s-maj=77.2km,
s-min=17.2km az=135.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), etc.

IDC 12 20:10:18.2, 0.1, 19.59S, 179.24E, h660km, 104km,
mb2.7/4, mb1.2/9.5, mb1mx2.7/2.5, mbtmp3.9/5, Error
ellipse: s-maj=295.1km s-min=47.8km az=89.0, South
of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Q16A Castle Valley, Q16A Castle Valley, Q16A Castle Valley, etc.

ISC 12 20:23:25.0, 0.4, 20.82S, 68.96W, h104km, 3km, ML2.0,
MW2.8
ISCJB 12 20:23:26.1, 0.1, 20.64S, 0.03, 68.97W, 0.09,
h120km, 10km, Error ellipse: s-maj=13.4km s-min=5.2km
az=3.9

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

GUC 12 20:23:25.4, 0.6, 20.60S, 69.15W, h109km, 3km, ML3.1
ISC 12 20:23:24.4, 1.8, 20.63S, 0.04, 68.94W, 0.07,
h121km, 13km, n17, 0993/27, 6C-1D, Chile-Bolivia border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, etc.

ISC 12 20:23:25.4, 0.6, 20.60S, 69.15W, h109km, 3km, ML3.1
ISC 12 20:23:24.4, 1.8, 20.63S, 0.04, 68.94W, 0.07,
h121km, 13km, n17, 0993/27, 6C-1D, Chile-Bolivia border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like GO01 Chusmiza, GO01 Chusmiza, GO01 Chusmiza, etc.

ISC 12 20:23:25.4, 0.6, 20.60S, 69.15W, h109km, 3km, ML3.1
ISC 12 20:23:24.4, 1.8, 20.63S, 0.04, 68.94W, 0.07,
h121km, 13km, n17, 0993/27, 6C-1D, Chile-Bolivia border
region

2013 SEP

SOME 12:20:32:55.1,41'45N:73'13E,h5km
KRNET 12:20:32:57.6,0.1,41'64N:73'13E,h20km,mb3.3
NNC 12:20:32:58.5,0.6,41'71N:73'11E,h0km,mb3.9,mpv3.7,
Error ellipse: s-maj=4.2km s-min=2.7km az=178.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like AML, ARSB, ARLS, etc.

Table with columns: BRLL, Borolday, 2.85 297 eP, Pn, 20 33 48.4 +1.4. Lists stations like TNS, TNS, TNS, etc.

MEX 12:20:43:28.2,0.5,17'10N:100'07W,h41km,6km,MD3.7, Guerrero. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC.

ISCJB 12:20:47:33.8,0.5,39'31N:0'03:27'92E:0'03,h10km,4km,
Error ellipse: s-maj=4.5km s-min=4.3km az=159.2

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

Table with columns: EDC, Edincik, 1.03 358 PG, Pp, 20 47 53.8 0.0. Lists stations like BAYC, BAYC, BAYC, etc.

ISCJB 12:20:53:22.8,0.7,6'23S:0'06:147'0E:0'1,h10km,mb3.5/6,
MS3.1/1, Error ellipse: s-maj=15.9km s-min=9.1km az=7.7

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

KRSC 12:20:57:00.6,1.9,49'66N:156'77E,h16km,18km,ML4.1, Kuril Islands

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

BUI 12:20:59:14.9,0.0,2'62S:139'55E,h84km,mb4.7/22,
mB4.8/13, Ms4.2/2, Ms7.4/0/2

NEIC 12:20:59:16.3,2.2,2'66S:0'09:139'18E:0'09,h71km,7km,
mb4.5/28, earthModelId

ISCJB 12:20:59:17.9,0.3,3'S:3'13'9E,h72km,3km,MS.6/16,
mB6.5/12, mb4.7/16, MLV4.9/7, Mw(MB)6.3/12, Mwpt.7/15

DJA 12:20:59:17.9,0.3,3'S:3'13'9E,h72km,3km,MS.6/16,
mB6.5/12, mb4.7/16, MLV4.9/7, Mw(MB)6.3/12, Mwpt.7/15

ISCJB 12:20:59:17.9,0.3,3'S:3'13'9E,h72km,3km,MS.6/16,
mB6.5/12, mb4.7/16, MLV4.9/7, Mw(MB)6.3/12, Mwpt.7/15

DJA 12:20:59:17.9,0.3,3'S:3'13'9E,h72km,3km,MS.6/16,
mB6.5/12, mb4.7/16, MLV4.9/7, Mw(MB)6.3/12, Mwpt.7/15

ISC 12:20:59:19.6,0.4,2'66S:0'05:139'06E:0'06,h100km,n96,
i:166/94,mb4.3/29,Near north coast of Irian Jaya

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



Table listing station names, frequencies, and operational status (e.g., FITZ Fitzroy Crossi 20.22 220 P P).

UCR 12 21:00:0.0,4.0,8.24N-82.76W, h20km,5km, MW3.6, 1D, Panama-Costa Rica border region

Table listing station names and frequencies for the Panama-Costa Rica border region (e.g., BRU2 Volcan 0.56 71.9j P P).

ISCJB 12 21:05:27.0,4.0,6.48S:0.05x:105:34E:0.04, h138km,3km, mb4.0/17, Error ellipse: s-maj=10.2km s-min=3.4km az=40.2

Table listing station names and frequencies for the ISCJB station (e.g., NEIC 12 21:05:28.3,2.1,6.47S:0.07x:105:36E:0.07, h126km,5km, mb4.3/30, earthModelID1).

Main station listing table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, Hsc, Hm, s, ISC. Includes stations like CIBINONG, SERANG, BANDAR LAMPUNG, etc.

Table listing station names and frequencies for the top section of the right column (e.g., STKA comp=Z,1.4nm,0.6s,baz=308,slow=9.3,SNR=41).

Table listing station names and frequencies for the middle section of the right column (e.g., IDC 12 22:00:42.4,1.2,29.74N:102:29E, h0km,mb3.4/6, s-maj=5.6,mb1mx3.3/46,mbtm3.4/6, Error ellipse: s-maj=52.1km s-min=20.9km az=50.0, Sichuan).

Table listing station names and frequencies for the bottom section of the right column (e.g., GCG 12 22:22:18.3,0.5,15.01N:91:84W, h121km,7km, MD3.7, Mexico-Guatemala border region).

Table listing station names and frequencies for the bottom section of the right column (e.g., ISCJB 12 22:51:22.5,0.5,2.83S:0.03:67:60W:0.04, h140km,3km, mb3.9/6, Error ellipse: s-maj=5.7km s-min=4.6km az=41.4).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAL, PEL, ROC1, etc.

NEIC 12 22:54:31.4, 1.4, 52.1, N:0.3, 176.9E:0.2, h67km, 25km, earthModelID quakeml.us.anss.org/earthmodel/ak135

AEIC 12 22:54:29.1, 1.52, N:0.3, 176.9E:0.2, h19km, 8km, ML3.4, Rat Islands

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

MEX 12 23:04:06.0, 0.4, 17.54N-101.60W, h36km, 3km, MD3.6, Near coast of Guerrero

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

ISK 12 23:06:20.5, 34.88N-25.10E, h1km, ML3.4/25, ATH 12 23:06:21.5, 34.85N-25.11E, h16km, 1km, ML3.4/3, Error ellipse: s-maj=2.4km s-min=0.8km az=350.0

THE 12 23:06:21.4, 34.82N-25.13E, h1km, 1km, ML3.3/3, Error ellipse: s-maj=1.2km s-min=0.4km az=172.0

ISCJB 12 23:06:21.4, 0.7, 34.82N:0.04-25.12E:0.02, h53km, 3km, mb3.5/9, Error ellipse: s-maj=6.6km s-min=2.6km az=177.9

IDC 12 23:06:25.32, 3.4, 47N-25.36E, h47km, 27km, mb3.4/7, mb1 3.5/14, mb1mx3.4/7, mb1mx3.6/14, ML3.6/7, Error ellipse: s-maj=21.1km s-min=17.0km az=5.0

DDA 12 23:06:38.5, 34.89N-25.13E, h10km, ML3.5, ISC 12 23:06:21.6, 1.2, 34.82N:0.04-25.13E:0.02, h8km, 8km, n100, 0.16/116, mb3.6/9, Crete

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

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

GCAM G?zelcam? 3.34 30 PN Pn 23 07 15.3 +1.2

YER Yerkesik? 3.44 47 PN Pn 23 07 18.8 +3.1

TURN Turunc 3.49 53 PN Pn 23 07 13.3 -2.8

DALY Dalyan (Mula) 3.49 54 P Pn 23 07 19.3 +3.1

DALY Dalyan (Mula) 3.49 54 PN Pn 23 07 18.8 +2.6

ITM Bodrum 3.50 31 PN Pn 23 07 17.2 +0.8

DGB zmir 3.52 23 P Pn 23 07 18.0 +1.5

ZEY zmir 3.58 18 P Pn 23 07 17.7 +0.2

CHOS Chios island 3.63 12 PN Pn 23 07 19.7 +1.4

FETY Fethiye 3.69 60 IAML\_P Pn 23 07 21.1 +2.1

FETY Fethiye 3.69 60 PN Pn 23 07 20.4 +1.4

URLA Izmir 3.72 18 PN Pn 23 07 22.3 +2.5

URLA Izmir 3.72 18 PN Pn 23 07 20.5 +1.1

AYDB Zeytin koy-Aydi 3.83 35 PN Pn 23 07 21.3 +0.3

BLBC Balçova 3.87 23 PN Pn 23 07 22.8 +1.3

AKAS Kas 3.91 68 PN Pn 23 07 23.6 +1.5

AKAS Kas 3.91 68 PN Pn 23 07 23.5 +1.3

TAVAS DENIZLI\_Tavas 4.04 48 P Pn 23 07 27.5 +3.6

GOLH Golhisar 4.33 55 P Pn 23 07 30.6 +2.8

ELL Elmalı 4.34 62 PN Pn 23 07 29.7 +1.7

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

CGC 12 23:05:11.4, 0.6, 14.50N-91.36W, h64km, 8km, MD3.5, Guatemala

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

ERG Entres C 0.28 101 eP Pn 23 25 21.8 0.0

STG3 Santiago3 0.35 52 eP Pn 23 25 23.0 +4.3

FUG Fuego 3 0.93 93 eP Pn 23 25 29.9 +0.3

FUG Pacaya 1.21 95 eP Pn 23 25 44.4 +1.4

PCG Ixapaco 1.41 103 eP Pn 23 25 35.6 +0.5

MOY Moyuta, Jutiap 1.78 104 eP Pn 23 25 40.4 +0.3

MOY Moyuta 1.78 104 eS Pn 23 26 04.1 +2.3

NIED 12 23:26:00.35, 80N, 141.10E, h35km, Mw3.9 Best double couple: M7.4000x10^14 NP1:263.00000, 321.00000, 1.91.00000, NP2:262.00000, 869.00000, 1.90.00000

IDC 12 23:26:06.0, 6.0, 35.62N, 141.12E, h0km, mb3.8/9, mb1 3.0/13, mb1mx3.7/33, mb1mx3.8/13, ML3.2/4, MS2.8/6, ML1 2.8/6, ms1mx2.7/33, Error ellipse: s-maj=22.4km s-min=15.6km az=86.0

ISCJB 12 23:26:09.3, 0.7, 35.76N:0.03-141.03E:0.05, h33km, 4km, mb3.7/9, MS3.1/2, Error ellipse: s-maj=6.2km s-min=5.1km az=175.7

NEIC 12 23:26:09.7, 1.4, 35.69N:0.04-141.05E:0.03, h25km, 5km, mb4.2/9, earthModelID quakeml.us.anss.org/earthmodel/ak135

JMA 12 23:26:10.1, 0.2, 35.82N:140.98E, h29km, 1km, M3.8, JMA Felt II J

ISC 12 23:26:10.4, 0.9, 35.78N:0.04-141.00E:0.06, h27km, 6km, mb3.2-193611, mb3.9/13, 2C-4D, Near east coast of eastern Honshu

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

CHOJ Choshi 0.14 236 Op Pn 23 26 15.5 -0.1

CHOJ Itakohorinouch 0.43 296 Up Pn 23 26 19.3 +0.2

JHUJ Hitachinakayama 0.65 329 Up Pn 23 26 23.9 -0.9

JHT Hitachi 0.79 305 Up Pn 23 26 33.0 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PUH Pauhi, AS31 Alice Springs, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IKMR Kamar-syah, IDOB Doab, IKFM Kafar-mosalman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASF Jabal al Asfar, ASF comp=Z,0.5nm,0.3s, etc.

ISCJB 12 23:31:26.9, 0.5, 26.24S, 0.04, 27.46E, 0.04, h5km, Error ellipse: s-maj=0.9km, s-min=0.7km, az=142.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERPM east rand prop, SWZ Schweizer, LBTB Lobatse, etc.

ISC 12 23:31:27.0, 0.9, 26.34S, 0.04, 27.52E, 0.04, h5km, n16, c185S/23, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAO Ashtian, KCHF Cheshme Sefid, ZNGN Zangian, etc.

ISC 12 23:31:27.0, 0.9, 26.34S, 0.04, 27.52E, 0.04, h5km, n16, c185S/23, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSS Mathiatis, WSAR Wadi Sarin, WSAR comp=Z,0.8nm,0.3s, etc.

SNET 12 23:45:04.5, 1.2, 13.07N, 90.42W, h13km, 6km, ML3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOYG Moyuta, CEVE Cerro Verde, SBLS San Blas, etc.

GCG 12 23:45:04.3, 0.6, 12.95N, 90.43W, h33km, 49km, MD3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRAM IRAM, IGZV IGZV, DAMV Damavand, etc.

ISC 12 23:45:03.7, 1.3, 13.00N, 0.1, 90.41W, 0.07, h8km, 27km, n14, c054/20, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKAS Malin Array B, BURAR Buovina Array, etc.

ISCJB 13 00:02:43.9, 2.0, 5.8S, 0.1, 152.1E, 0.2, h45km, mb3.6/3, MS2.6/1, Error ellipse: s-maj=35.1km, s-min=8.4km, az=21.4

IDC 13 00:02:49.3, 3.1, 5.45S, 151.79E, h83km, 27km, mb3.4/3, mb1.3/6/3, mb1mx3.2/25, mbtpr3.7/3, MS2.8/1, Ms1.2.8/1, ms1mx2.3/19, Error ellipse: s-maj=93.6km, s-min=28.6km, az=17.0

ISC 13 00:02:44.1, 2.2, 5.8S, 0.1, 152.3E, 0.3, h45km, n7, c089/7, mb3.5/3, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, GUMO Guam, etc.

ISCJB 13 00:02:43.9, 2.0, 5.8S, 0.1, 152.1E, 0.2, h45km, mb3.6/3, MS2.6/1, Error ellipse: s-maj=35.1km, s-min=8.4km, az=21.4

IDC 13 00:02:49.3, 3.1, 5.45S, 151.79E, h83km, 27km, mb3.4/3, mb1.3/6/3, mb1mx3.2/25, mbtpr3.7/3, MS2.8/1, Ms1.2.8/1, ms1mx2.3/19, Error ellipse: s-maj=93.6km, s-min=28.6km, az=17.0

ISC 13 00:02:44.1, 2.2, 5.8S, 0.1, 152.3E, 0.3, h45km, n7, c089/7, mb3.5/3, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IKMR Kamar-syah, IDOB Doab, IKFM Kafar-mosalman, etc.

INTR Introdacqua, AQU L'Aquila, TRI Trieste, etc.

WATA Walderalm, SQTA Sankt Quirin, MOTA Moosalm, etc.

FINES FINES Array S, FIAO FINES Array S, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WATA Walderalm, SQTA Sankt Quirin, MOTA Moosalm, etc.

IDC 13 00:25:47.1, 1.0, 6.33, 0.07N, 48.89E, h0km, mb3.9/26, mb1.3/9/31, mb1mx3.9/69, mbtpr3.9/31, ML3.5, MS3.1/3, Ms1.3.1/3, ms1mx2.5/51, Error ellipse: s-maj=13.0km, s-min=11.7km, az=175.0

ISCJB 13 00:25:47.0, 0.2, 32.99N, 0.02, 48.77E, 0.02, h10km, mb3.9/31, MS2.9/2, Error ellipse: s-maj=3.1km, s-min=2.4km, az=31.0

NEIC 13 00:25:49.0, 2.0, 33.07N, 0.02, 48.86E, 0.01, h12km, 4km, earthModellD quakem/us.anss.org/earthmodel/ak135

TEH 13 00:25:49.0, 3.1, 16N, 48.85E, h14km, ML3.8

ISC 13 00:25:48.7, 0.3, 33.05N, 0.03, 48.82E, 0.03, h10km, n227, c155S/233, mb4.0/31, 4C-8D, Western Iran

ISCJB 13 00:25:47.0, 0.2, 32.99N, 0.02, 48.77E, 0.02, h10km, mb3.9/31, MS2.9/2, Error ellipse: s-maj=3.1km, s-min=2.4km, az=31.0

NEIC 13 00:25:49.0, 2.0, 33.07N, 0.02, 48.86E, 0.01, h12km, 4km, earthModellD quakem/us.anss.org/earthmodel/ak135

TEH 13 00:25:49.0, 3.1, 16N, 48.85E, h14km, ML3.8

ISC 13 00:25:48.7, 0.3, 33.05N, 0.03, 48.82E, 0.03, h10km, n227, c155S/233, mb4.0/31, 4C-8D, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GNI Gani, GNI Gani, MURS Mu-Merkez, etc.

NOA NORAS Array B, NOA NORAS Array A, etc.

NOA NORAS Array B, NOA NORAS Array A, etc.

NOA NORAS Array B, NOA NORAS Array A, etc.

NOA NORAS Array B, NOA NORAS Array A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GNI Gani, GNI Gani, MURS Mu-Merkez, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, TOA1 Torodi Arr, TOAD Torodi Arr, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like BSD Vyhne, VYHS Vyhne, GRF Grafenberg Arr, GRR Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, etc.

ISCJUB 13 00:27:11.7,0.3,51.59N,01:02:15.99E,0.03,h0km, Error ellipse: s-maj=2.8km s-min=2.2km az=36.0

IDC 13 00:33:40.4,358.0,64'20N-147'81W, h0km, Error ellipse: s-maj=154.3km s-min=15.5km az=178.0, Central Alaska

IDC 13 00:33:40.4,358.0,64'20N-147'81W, h0km, Error ellipse: s-maj=154.3km s-min=15.5km az=178.0, Central Alaska

ISCJUB 13 00:27:11.7,0.3,51.59N,01:02:15.99E,0.03,h0km, Error ellipse: s-maj=2.8km s-min=2.2km az=36.0

NIED 13 00:38:00.3,41'20N,136'40E,h35km,Mw4.0 Best double couple: Mo:1.29000,1015 NP1:276.00000,848.00000, lambda:123.00000, NP2:53.00000,851.00000,5.00000,0

IDC 13 00:38:18.7,0.7,34'09N,136'40E,h0km,mb3.9/12, mb1 4.1/14,mb1mx3.9/44,mbtmp3.9/14,ML3.1/2,MS3.0/7, Ms1 3.0/7,ms1mx2.8/40, Error ellipse: s-maj=21.7km s-min=16.8km az=75.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I53US FAIRBANKS INFR, I18DK QAANAAQ INFR, I57US PINON FLAT INF, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I53US FAIRBANKS INFR, I18DK QAANAAQ INFR, I57US PINON FLAT INF, etc.

ISC 13 00:27:12.8,0.3,51.63N,01:03:16.04E,0.02,h0km,n56, f=102/116,3C-1D,Poland

ISCJUB 13 00:38:22.5,0.3,34'13N,01:03:136'45E,0.03,h42km,3km, mb3.8/12,MS3.2/3, Error ellipse: s-maj=4.8km s-min=3.5km az=161.3

IDC 13 00:42:16.6,364.0,64'08N-147'84W, h0km, Error ellipse: s-maj=152.7km s-min=18.7km az=180.0, Central Alaska

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I53US FAIRBANKS INFR, I18DK QAANAAQ INFR, I57US PINON FLAT INF, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I53US FAIRBANKS INFR, I18DK QAANAAQ INFR, I57US PINON FLAT INF, etc.

IDC 13 00:47:20.1,1.9,21'51N-95'36E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/36,mbtmp3.3/3,ML3.9/1,MS2.8/2, s-min=20.4km az=53.0, Myanmar

IDC 13 00:47:20.1,1.9,21'51N-95'36E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/36,mbtmp3.3/3,ML3.9/1,MS2.8/2, s-min=20.4km az=53.0, Myanmar

IDC 13 00:47:20.1,1.9,21'51N-95'36E,h0km,mb3.3/2, mb1 3.5/3,mb1mx3.2/36,mbtmp3.3/3,ML3.9/1,MS2.8/2, s-min=20.4km az=53.0, Myanmar

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

ISCJUB 13 00:55:45.0,1.1,14'55N,01:02:31W,0.07,h65km,11km, Error ellipse: s-maj=19.5km s-min=5.2km az=35.2

MEX 13 00:55:45.0,1.1,14'55N,02:31W,h69km,6km,MD3.9

GXC 13 00:55:46.2,0.5,14'64N,92'19W,h58km,35km,MD3.9

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

ISC 13 00:55:46.4,1.7,14'6N,01:02:25W,0.08,h61km,12km,n9, f=054/17,Near coast of Chiapas

ISC 13 00:55:46.4,1.7,14'6N,01:02:25W,0.08,h61km,12km,n9, f=054/17,Near coast of Chiapas

ISC 13 00:55:46.4,1.7,14'6N,01:02:25W,0.08,h61km,12km,n9, f=054/17,Near coast of Chiapas

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like THIG Santiago 3, THIG Fuego 3, FUG FUG, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like THIG Santiago 3, THIG Fuego 3, FUG FUG, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like THIG Santiago 3, THIG Fuego 3, FUG FUG, etc.

GUC 13 01:03:51.9,0.7,31'73S,70'30W,h113km,11km,ML3.0

ISCJUB 13 01:03:52.0,1.0,31'70S,04'40W,013W,0.05,h117km,9km, Error ellipse: s-maj=7.4km s-min=6.8km az=150.5

SJA 13 01:03:53.1,0.3,31'71S,69'22W,h124km,2km,ML2.6, MW3.1

ISC 13 01:03:52.4,1.9,31'70S,04'40W,013W,0.05,h116km,11km,n14, f=06/69,22,3C, Chile-Argentina border region

ISC 13 01:03:52.4,1.9,31'70S,04'40W,013W,0.05,h116km,11km,n14, f=06/69,22,3C, Chile-Argentina border region

ISC 13 01:03:52.4,1.9,31'70S,04'40W,013W,0.05,h116km,11km,n14, f=06/69,22,3C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like RTLS Leoncito, RTLS Leoncito, CO02 Combarbal, CO02 Combarbal, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like RTLS Leoncito, RTLS Leoncito, CO02 Combarbal, CO02 Combarbal, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like RTLS Leoncito, RTLS Leoncito, CO02 Combarbal, CO02 Combarbal, etc.







Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Plateau Road, Ohakea, Whakapaparin, Rimuhau, Waitara, Rawiri, Tintock, Castlepoint, Handcock Road, Mangaitainoka R, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAVA, MTO3, MTG3, LLGN, COEB, COEB, COEB, MTRG, MTRG, MTRG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVO, AGG, ANX, VLS, TRIZ, LAKA.

WEL 13 05:25:22.7, 0.8, 32'S, 179E 1.7, h33km, M4.6/11, mb15.2/7, ML4.7/13, MLv4.6/11, Mw(mb)4.6/7, Error ellipse: s-maj=0.0km s-min=0.0km az=113.1, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLKZ, GLKZ, Raoul Island, Kuatounu, Matakaoa Point, Waioamatini S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO, ZAAO, KURBB, KURBB, KURBB, MK31, MK31, MK31.

IDC 13 06:01:38.2, 38.0, 4.79N, 126.77E, h0km, mb3.7/3, mb1 3.0km, mb1mx3.3/4.2, mbtmsp3.7/3, Error ellipse: s-maj=628.4km s-min=158.4km az=160.0, Talaud Islands

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

IDC 13 04:43:55.6, 1.5, 33.93N, 26.06E, h0km, mb3.7/3, mbl 3.7/4, mb1mx3.5/26, mbtmsp3.7/4, ML4.0/1, Error ellipse: s-maj=77.3km s-min=25.1km az=136.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKR, ZKR, LAST, STIA, SIVA, SIVA, KARP, KARP, etc.

ATH 13 05:53:52.7, 40.23N, 20.37E, h8km, 3km, ML2.4/6, Error ellipse: s-maj=3.8km s-min=1.1km az=154.0

TIR 13 05:53:53.2, 40.15N, 20.35E, h2km, ML2.7/4, THE 13 05:53:54.1, 40.18N, 20.35E, h0km, 2km, ML2.5/6, Error ellipse: s-maj=3.0km s-min=0.9km az=6.0

ISC 13 05:53:57.1, 40.19N, 03.20E, h11km, 12km, n37, e086/53, Greece-Albania border region

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

ISCJB 13 06:09:20.7, 0.3, 51.60N, 0.02, 6.78E, 0.03, h0km, Error ellipse: s-maj=3.0km s-min=2.0km az=135.5

LDG 13 06:09:22.8, 0.1, 51.60N, 6.86E, h1km, ML3.2/1, ML3.2/1, Error ellipse: s-maj=2.3km s-min=1.3km az=141.0, Suspected Mining induced.

BUG 13 06:09:22.0, 0.0, 51.57N, 6.86E, h1km, ML2.6, BUG Felt IV EMS.

BGR 13 06:09:22.5, 0.2, 51.58N, 6.86E, h1km, ML2.7/11, Error ellipse: s-maj=4.4km s-min=3.3km az=114.0

BNS 13 06:09:23.4, 0.6, 51.55N, 6.88E, h1km, ML2.5, PRU 13 06:09:26.6, 0.0, 51.66N, 7.17E, h0km, ISC 13 06:09:20.7, 0.3, 51.59N, 0.02, 6.83E, 0.02, h0km, n74, e1919/17, 2C-4D, Germany

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BZER, BZER, BAVN, BAVN, LAUG, LAUG, BULI, BULI, etc.

NET 13 04:53:58.3, 1.0, 13.12N, 90.35W, h9km, 17km, ML3.1, CGC 13 04:54:00.5, 0.5, 13.22N, 90.41W, h20km, 4km, MD3.6, ISC 13 04:53:55.3, 3.2, 13.01N, 0.1, 90.44W, 0.07, h2km, n14, e056/18, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOYG, MOYG, CEVE, CEVE, SBLS, SBLS, etc.

KEK 13 05:53:57.1, 40.19N, 03.20E, h11km, 12km, n37, e086/53, Greece-Albania border region

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

AHRW 13 06:09:22.8, 0.1, 51.60N, 6.86E, h1km, ML3.2/1, ML3.2/1, Error ellipse: s-maj=2.3km s-min=1.3km az=141.0, Suspected Mining induced.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHRW, AHRW, BEBN, BEBN, MEM, MEM, etc.

CGC 13 05:07:27.3, 0.5, 13.05N, 90.57W, h13km, 9km, MD3.9, NET 13 05:07:27.1, 1.2, 13.01N, 90.39W, h14km, 5km, ML3.4, ISC 13 05:07:24.5, 3.9, 13.01N, 0.1, 90.45W, 0.07, h7km, 19km, n18, e058/21, 1D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOYG, MOYG, CEVE, CEVE, SBLS, SBLS, etc.

LDK2 13 05:07:27.3, 0.5, 13.05N, 90.57W, h13km, 9km, MD3.9, NET 13 05:07:27.1, 1.2, 13.01N, 90.39W, h14km, 5km, ML3.4, ISC 13 05:07:24.5, 3.9, 13.01N, 0.1, 90.45W, 0.07, h7km, 19km, n18, e058/21, 1D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LDK2, LDK2, LDK2, LDK2, LDK2, LDK2, etc.

LVA 13 06:09:22.8, 0.1, 51.60N, 6.86E, h1km, ML3.2/1, ML3.2/1, Error ellipse: s-maj=2.3km s-min=1.3km az=141.0, Suspected Mining induced.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LVA, LVA, TNS, TNS, BMRD, BMRD, etc.



Table with columns: ASSE, CHRS, WHMM, PAGF, CDF, MEZF, SFTF, SFTF, NKC, CLL, LOR, KHC, CABF, SSF, AVF, SMF, LDF, BLN, GRR, TCF, MFF, GUMF. Includes station names, coordinates, and various codes.

Table with columns: MLYT, SKI, ANWB, OCAC, SMLC, SMLC, RUSC, RUSC, SJCC, SJCC, PTBC, SPBC, SPBC, ZARC, ZARC, CHIC, CHIC, UREC, UREC, NORC, NORC, HELC, HELC, GUY2, GUY2, RRFC, RRFC, PRAC, PRAC, CBAC, CBAC, MACC, MACC, YOTC, YOTC, FLOC, FLOC, POPO, POPO. Includes station names, coordinates, and various codes.

Table with columns: QRZ, OHWZ, GVZ, POWZ, PRH, DSZ, LTZ, WAZ, DVHZ, TSZ, PNHZ, WPHZ, OKCZ, INZ, OXZ, PKE, MQZ, MOVZ, VRZ, BHHZ, PXZ, KRHZ, WHVZ, FWVZ, TUVZ, NGZ, KAHZ, WTVZ, TWVZ, KWHZ, MCHZ, WVZ, ARHZ, NMHZ, RPZ. Includes station names, coordinates, and various codes.

JMA 13 06:26:07.9-0.1, 38.00N, 141.38E, h49km, 1km, M3.5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JIKH, JIO, JIMST, etc.

ISCJB 13 06:42:15.9-0.1, 41.22N, 0.08-0.92W, 0.07, h50km, 12km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ERO, STG3, THIG, etc.

ISCJ 13 07:21:46.3-0.2, 6.80S, 155.13E, h19km, 18km, mb4.3/11,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RABL, KRVT, HNR, etc.

ISCJB 13 06:39:50.2-0.3, 11.27N, 0.03-0.62W, 0.05, h125km, 5km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GUIV, GRGR, GRHS, etc.

ISCJ 13 07:21:52.7-1.7, 6.83S, 0.09-1.55E, 0.09, h68km, 5km,

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

ISCJ 13 07:21:49.7-0.4, 6.84S, 0.07-1.55E, 0.07, h41km, n110,

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

ISCJ 13 07:13:37.8-1.6, 41.58S, 174.27E, h0km, mb3.5/2,

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

ISCJ 13 07:13:40.5-0.3, 41.67S, 0.03-1.74E, 0.03, h22km, 3km,

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

ISCJ 13 07:13:40.1-0.9, 41.60S, 0.03-1.74E, 0.02, h15km, 6km,

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AGMN, P51A, WALA, ACSO, SS4A, SS4A, LON, EYMN, EYMN, P53A, ULM, R55A, P54A, Q55A, T57A, T57A, P55A, Q56A, N54A, N54A, R57A, O55A, P56A, Q57A, M54A, N55A, N55A, Q58A, S55A, S55A, LATO, LATO, YKA, EPYK, EPYK, IL31, ILAR, ILAR, TOLK, TOLK, CPUP, CPUP, PLCA, CN2, WRA, WRA.

ISCJB 13 07:46:57.6:0.6,27.76N:0.04:105.95W:0.06,h10km, Error ellipse: s-maj=8.1km s-min=5.3km az=172.6 NEIC 13 07:46:59.5:2.7,27.58N:0.02:105.90W:0.02,h15km,5km, ML3.6/10,ML4.0(ME),earthModelID quakemi.us.anss.org/earthmodel/ak135 MEX 13 07:47:01.3:0.3,27.31N:104.85W,h12km,175km,MD4.0 ISC 13 07:46:58.4:1.0,27.70N:0.03:105.76W:0.05,h10km,n17, c169/21,Northern Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HPIG, HPIC, HPIC, HPIC, HPIC, TX31, TX32, TXAR, TXAR, MNTX, MNTX, MNTX, MNTX, HSIG, HSIG, HSIG, HSIG, HSIG, 319A, 121A, 121A, 121A, TUC, Y22D, BNM, X16A, X16A.

ISCJB 13 07:48:55.6:0.8,55.98N:0.04:15.61E:0.08,h0km, Error ellipse: s-maj=7.6km s-min=5.4km az=39.8 BER 13 07:48:55.4:0.4,55.58N:15.75E,h12km,34km, ML2.2(NAO) UPP 13 07:48:56.7:0.4,55.99N:15.57E,h0km,ML2.6,Explosion NAO 13 07:48:59.5:3.1,56.07N:15.63E,ML2.2 ISC 13 07:48:54.0:1.2,55.98N:0.05:15.71E:0.05,h0km,n19, c169/28,Baltic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSD, VXJU, VXJU, DEL, LUNU, LUNU, OSKU, OSKU, BYXU, BYXU, ASPU, EKSU, GN0U, VSTU, HFS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS, HFS, HFS, NRAO, NRAO, NRAO, NRAO, NRAO, NRAO, FIAO, FIAO, FIAO, FIAO, FIAO, FIAO, BORA, BORA, BORA, SRCK, SRCK, SRCK, ARMT, ARMT, KCTX, MRMT.

DDA 13 08:03:38.9,39.67N:29.40E,h7km,1km,ML2.5 ISK 13 08:03:38.9,39.64N:29.45E,h2km,ML1.7/6,Suspected Mining explosion. ISCJB 13 08:03:39.6:0.5,39.66N:0.03:29.42E:0.04,h0km, Error ellipse: s-maj=4.4km s-min=3.8km az=10.7 ISC 13 08:03:38.9:0.9,39.71N:0.04:29.45E:0.04,h0km,n11, c061/17,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVSB, TVSB, CAVI, CAVI, GDZ, GDZ, DURS, DURS, DURS, BORA, BORA, BORA, SRCK, SRCK, SRCK, ARMT, ARMT, KCTX, MRMT.

BER 13 08:10:42.2:3.0,55.49N:15.41E,h21km,55km, ML2.4(NAO) ISCJB 13 08:10:45.0:0.8,55.98N:0.05:15.56E:0.09,h0km, Error ellipse: s-maj=8.0km s-min=5.7km az=37.7 UPP 13 08:10:46.1:0.4,56.00N:15.56E,h0km,ML2.6,Explosion NAO 13 08:10:48.3:3.1,56.13N:15.41E,ML2.4 ISC 13 08:10:44.4:1.1,56.02N:0.05:15.53E:0.05,h0km,n22, c115/28,Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VXJU, VXJU, BSD, DEL, DEL, OSKU, OSKU, LUNU, BJUU, BYXU, ASPU, EKSU, GN0U, VSTU, FABU, LNKU, BORU, HFS, HFS, HFS, NRAO, NRAO, NRAO, NRAO, NRAO, FIAO, FIAO, FIAO.

UCR 13 08:11:19.4:0.7,8.38N:83.17W,h10km,MD3.8,MW3.0, 2D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EDSV, EDSV, BRUZ, BRUZ, CUR, CUR, EDNP, EDNP, EDLM, LCR2, LCR2, ARE1.

ASRS 13 08:35:48.0:6.48,28.9E:1.99N,h9km,MLH3.2,12.3C, smi:org-gfz-potsdam.de/geofon/LOCAT earthModelID smi:org-gfz-potsdam.de/geofon/iasp91 confirmed, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SLNR, SLNR, DGG, DGG, DGG, CUR, CUR, AKAR, AKAR, CHBI, CHBI, TUNR, TUNR, TUNR, UKR, UKR, UKR, MK31.

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

NNC 13 08:42:07.7:0.8,50.31N:73.34E,h0km,mb3.7,mpv3.5, 4C-3D, Error ellipse: s-maj=7.7km s-min=6.2km az=100.0,Suspected Mining explosion.,Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OTUK, OTUK, KURBB, KURBB, KURBB, BRVK, BRVK, KUU, KUU, ARXS, ARXS, ARXS, MK31, MK31, CHKK, CHKK, CHKK, KTBS, KTBS, KURS, KURS, KURS, MDOK, MDOK, MDOK, ZSN, ZSN, ZSN.

NNC 13 08:45:46.3:3.0,54.15N:87.35E,h0km,mb3.1,mpv3.0, Error ellipse: s-maj=23.9km s-min=19.2km az=27.0, Suspected Mining explosion. IDC 13 08:45:47.8:2.9,54.17N:87.35E,h0km,mb1 3.2/2, mb1mx3.0/43,mbtmp3.2/2,ML2.8/2,4C-3D, Error ellipse: s-maj=25.0km s-min=16.1km az=61.0,Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H46RU, ZAAO, ZAAO, ZAAO, ZALV, ZALV, ZALV, KURBB, KURBB, KURBB, KURBB, MK31, MK31, MKAR, MKAR, MKAR, MKAR.

ISCJB 13 08:48:57.6:1.0,55.95N:0.05:15.6E:0.1,h0km, Error ellipse: s-maj=10.4km s-min=8.1km az=25.6 UPP 13 08:48:58.7:0.6,56.01N:15.53E,h0km,ML2.5,Explosion ISC 13 08:48:57.9:1.2,55.98N:0.05:15.56E:0.08,h0km,n8, c031/15,Baltic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLEU, BLEU, BSD, OSKU, OSKU, OSKU, BYXU, BYXU, ASPU, ASPU, EKSU, EKSU, GN0U, GN0U, VSTU, VSTU.

BUI 13 09:05:18.0:0.0,24.61S:179.17E,h536km,mb4.8/29, mb4.9/17 MOS 13 09:05:18.1:0.9,24.63S:178.62E,h518km,mb5.1/44, Error ellipse: s-maj=10.1km s-min=7.6km az=54.6 IDC 13 09:05:20.6:0.6,24.72S:178.60E,h536km,5km,mb4.3/36, mb1 4.4/37,mb1mx4.4/44,mbtmp5.2/37, Error ellipse: NIP1=134.00000; s64.00000; i-79.00000; NP2: 0.290.00000; 828.00000; A-111.00000. Principal axes: T 0.7390,Plg18.0000, Azm126.0000; N 0.1610, Plg10.0000; Azm309.0000; P -0.9000,Plg69.0000; Azm66.0000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 13 09:05:20.2:0.3,24.73S:0.04:178.67E:0.04,h541km,3km, h541km:pp-P,n984,c1943/1104,mb5.0/153,45C-36D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLEU, BLEU, BSD, OSKU, OSKU, OSKU, BYXU, BYXU, ASPU, ASPU, EKSU, EKSU, GN0U, GN0U, VSTU, VSTU.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like P17A Butcher Ranch, JLU Jordanelle, LTX Lajitas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SONM Sogingo Array, SONM Tuckaleechee C, ZALV Zalesovo Beam, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like D56A ZEC Mazanza, GAR Garm, G58A Ormstown, etc.

13d 9h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NORSTAR Array S, ANN Anapa, and various other stations across the region.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GDLLE Glaisdale, VOIR VOIR, and various other stations across the region.

740

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GERES GERESS Array B, KARP Karpathos, and various other stations across the region.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DEL Delany, OSKU Oskarshamn, LUNU Lund, and BYXU Byxelkrok.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STG3 Santiaguito 3, FUG Fuego 3, IXC Ixapaco, and CEVE Cerro Verde.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSLB Milas, YER Yerkesis, DAT Datca, and BODT Bodrum.





Table of seismic events with columns: Station, Time, Res, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like Shilin, Guangfu, Neicheng, Nioudou, etc.

Table of seismic events with columns: Station, Time, Res, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like Sandimen, Mashibuluo, Anshuo, etc.

Table of seismic events with columns: Station, Time, Res, Phase ID, ISC, h, m, s, ISC, Res. Includes stations like Tololo Observa, Huala, Las Campanas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOKU, JMK, JFM, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB, MK31, OTUK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSWZ, PLWZ, MSWZ, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like mb1, MOS, AZUR, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like GNI, PYA1, PYA2, KHZ, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like PKGZ, DVHZ, WMGZ, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like BDFB, BDFB, GO09, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like ORD, AKTO, AKTO, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like IDC 13 26:15.5, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like BDFB, BDFB, GO09, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like CMAR, CMAR, MKAR, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like IDC 13 14:07.8, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like BDFB, BDFB, GO09, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like IDC 13 12:30:22.6, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like Code Station Name, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like BDFB, BDFB, GO09, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like WEL 13 12:31:34.2, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like Code Station Name, etc.

Table with columns for station name, coordinates, time, and resource. Includes stations like BDFB, BDFB, GO09, etc.

ASAR 0.3nm, 0.8s, baz=333, slow=7.9, SNR=3.4
0.3nm, 1.0s, baz=330, slow=6.9, SNR=2.7

SOME 13 13:51:47.6, 44:30N, 83:20E, h10km
NNC 13 13:51:48.6, 1.5, 44:32N, 83:12E, h2km, 10km, mb3.8,
mpv3.5, Error ellipse: s-maj=12.9km, s-min=4.8km
az=127.0

ISC 13 13:51:48.8, 1.4, 44:30N, 0.06:83:17E, 0.07, h17km, n42,
z=255/57, 5C-8D, Northern Xinjiang

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

TKM2 Tokmak 2 5.67 259 fLg Lg 13 54 49.1
AAK Ala-Archa 6.53 258 fLg Lg 13 55 16.7

KURBS Kurchatov Arra 7.07 335 uLg Lg 13 55 31.6
OTUK Ortayu 8.48 302 fLg Lg 13 56 17.3

MEX 13 14:27:17.9, 0.5, 15:83N, 98:40W, h7km, 7km, MD4.0, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the Mexico event.

ISC/JB 13 14:36:48.7, 0.4, 6:86N, 0:02:73:11W, 0:03, h155km, 3km,
mb3.4/5, Error ellipse: s-maj=5.4km, s-min=3.9km, az=14.5
IDC 13 14:36:48.3, 0.7, 6:75N, 72:92W, h159km, 7km, mb3.2/6,
m1 3.6/8, m1mx3.3/4.4, mbtmp3.8/8, MS2.8/1, Ms1 2.8/1,
m1mx2.1/2.1, Error ellipse: s-maj=15.7km, s-min=7.4km
az=127.0

RSNC 12 14:36:49.3, 1.1, 6:83N, 73:15W, h150km, 5km, ML4.0, Mw4.4

ISC 13 14:36:48.2, 0.8, 6:86N, 0:03:73:11W, 0:04, h153km, 6km, n38, r105/58, mb3.5/5, 5C-2D, Northern Colombia

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

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

ISK 13 14:51:10.6, 41:11N, 28:89E, h3km, ML1.4/9, Suspected Mining explosion., Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the Turkey event.

DDA 13 14:52:04.0, 40:41N, 29:37E, h7km, 2km, ML2.2, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the Turkey event.

ISC/JB 13 14:57:48.4, 0.4, 5:44S, 0:05:147:06E, 0:06, h150km,
mb3.9/7, Error ellipse: s-maj=9.1km, s-min=6.2km, az=26.0
NEIC 13 14:57:50.7, 1.3, 5:44S, 0:06:147:11E, 0:06, h161km, 4km,
mb4.4/16, earthModelID
quakeml.us.anss.org/earthmodel/ak135

IDC 13 14:57:50.4, 1.9, 5:37S, 147:06E, h154km, 19km, mb3.8/7,
mb4.1/10, m1mx3.7/29, mbtmp4.4/10, MS2.7/1,
Ms1 2.7/1, m1mx2.3/2.2, Error ellipse: s-maj=22.7km
s-min=13.5km, az=117.0

ISC 13 14:57:49.6, 0.7, 5:45S, 0:06:147:11E, 0:09, h150km, n35,
r114/38, mb4.3/12, Eastern New Guinea region

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Pibbara Seismi, Forrest, Morawa, Canterbury Las, Makanchi Array, Zalesovo Beam, Zalesovo Array, Eielson Array.

IDC 13 15:08:15.1-3.0, 6.94S, 156.76E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.5/25, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=73.1km s-min=31.2km az=106.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Keravat (AS076), Warramunga Arr, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, Alice Springs, SONGINO Array, Makanchi Array.

NIED 13 15:09:00, 34.80N, 137.30E, h32km, Mw3.4 Best double couple: M=1.29000x10^14 NP1=299.00000, 644.00000, lambda=101.00000, NP2=133.00000, 647.00000, lambda=80.00000

JMA 13 15:09:39.0, 34.77N, 137.27E, h35km, M3.5, 4C-3D Broadband fault plane P waves, NP1: phi=116.00000, 874.00000, lambda=108.00000, NP2: phi=346.00000, 823.00000, lambda=43.00000, Principal axes: T P1g27.0000, Azm220.0000; N P1g17.0000, Azm121.0000; P P1g57.0000, Azm3.0000; Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Atsumi, Shinshiroayabe, Ise, Tokai 4, TSUJ, SHZ3, SHZ2, Tokai 2, Yamagatatanai, MIEKIHOKU, Matsushiro.

DDA 13 15:12:57.8, 38.24N, 38.09E, h7km, 1km, ML2.7 ISK 13 15:12:57.7, 38.31N, 38.09E, h17km, ML1.7/4, Suspected Mining explosion.

ISC/JB 13 15:12:58.3, 0.8, 38.24N, 0.06, 38.09E, 0.04, h0km, Error ellipse: s-maj=8.9km s-min=4.3km az=17.9

ISC 13 15:12:58.8, 1.2, 38.33N, 0.06, 38.10E, 0.03, h0km, n7, phi79/11, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Akcad, Malatya, Darende-Malatya, Malatya\_Hekimh, ELZG, SVRC, URFA.

GUC 13 15:25:30.0-0.5, 33.06S, 72.80W, h29km, 4km, ML3.5, 1C-6D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Torpederas, El Roble, Peledhue, Cerro Calan, Huala, Farellones, Las Melosas, Combarbal.

IDC 13 15:35:44.1-2.3, 27.77S, 23.03E, h0km, mb1 2.8/3, mb1mx2.8/30, mbtmp2.8/3, ML2.3/3, Error ellipse: s-maj=21.5km s-min=14.1km az=120.0, South Africa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like BOSHOF INFRASO, Boshof, BOSA, FCH, LMEL, COO2, I47ZA, BOSHA, BOSA, BOSA, LBTB, LBTA, LBTB.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LBTB, SUR, SUR, SUR, I35NA.

TRN 13 15:40:32.9, 18.77N, 65.08W, h9km ISC/JB 13 15:40:37.5, 0.6, 18.88N, 0.06, 65.01W, 0.03, h43km, 14km, Error ellipse: s-maj=1.1km s-min=4.6km az=162.3

NEIC 13 15:40:37.8, 0.6, 18.88N, 0.07, 64.99W, 0.06, h36km, 30km, earthModelID quakem/us.anss.org/earthmodel/ak135

RSPR 13 15:40:39.1, 18.66N, 64.99W, h36km, 1km, MD3.0/3 ISC 13 15:40:38.0-1.4, 18.67N, 0.06, 65.00W, 0.03, h34km, 3km, n41, phi28/59, 13C-9D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like CUPR, ABVI, ABV, MTP, MTP, MTP, CBYP, CBYP, CBYP, CDVI, HUMP, HUMP, HUMP, PDRP, IGPR, EMPR, EMPR, EMPR, CELP, CELP, CELP, OBIP, OBIP, OBIP, AOPR, AOPR, AOPR, MLPR, MLPR, MLPR, CRPR, CRPR, CRPR, OROA, BCIP.

KRNET 13 15:47:14.8-0.1, 41.44N, 73.49E, h17km, mb2.9 SOME 13 15:47:15.1, 41.47N, 73.47E, h10km NNC 13 15:47:16.5, 0.5, 41.54N, 73.44E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=3.9km s-min=2.1km az=170.0

KNET 13 15:47:16.6, 0.7, 41.51N, 73.59E, h7km, 3km, ml2.0, Error ellipse: s-maj=5.5km s-min=3.6km az=166.0

ISC 13 15:47:13.5-1.1, 41.40N, 0.03, 73.50E, 0.02, h5km, 9km, n71, phi41/114, 30C-24D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ARSB, AML, AML, ARLS, UCH, UCH, UCH, ARK, ARK, EKS2, EKS2, MRKS, MRKS, MRKS, AAK, AAK, AAK, AAK, KZA, KZA, FRU1, FRU1, KBK, KBK.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like KBK, CHMS, CHMS, NRN, NRN, USP, USP, BOOM, BOOM, TKM2, TKM2, TKM2, SGDS, SGDS, ULHL, ULHL, BTk, BTk, BTk, KST, KST, KST, DGS, DGS, DGS, DGS, IUG, IUG, IUG, IUG, MTBS, MTBS, MTBS, MTBS, KK31, KK31, IZV, IZV, IZV, IZV, KDJ, KDJ, KDJ, TNSS, TNSS, TNSS, TNSS, MDOK, MDOK, MDOK, MDOK, BRLS, BRLS, BRLS, BRLS, KOTS, KOTS, KOTS, KOTS, KUU, KUU, KUU, KUU, KTBS, KTBS, KTBS, KTBS, CHKK, CHKK, CHKK, CHKK, BTLS, BTLS, BTLS, BTLS, SATY, SATY, SATY, SATY.

13d 18h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SATY, KURS Kuram, ARXS Arharly, etc.

IDC 13 16:12:09.4.2.5, 25.43S; 69.91E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/28, mbtmp3.8/6, MS3.5/4, Ms1 3.5/4, ms1mx3.0/27, Error ellipse: s-maj=82.6km s-min=28.0km az=41.0

ISCJB 13 16:12:10.3.0.6, 25.4S; 0.1; 69.9E; 0.1, h21km, mb3.7/6, MS3.5/4, Error ellipse: s-maj=15.8km s-min=13.6km az=179.0

NEIC 13 16:12:10.7.2.2, 25.44S; 0.08; 69.97E; 0.08, h10km, 1km, mb4.3/9, earthModelID

quakeml.us.anss.org/earthmodel/ak135
ISC 13 16:12:11.8.0.8, 25.4S; 0.1; 69.8E; 0.1, h21km, n26, o1963/20, mb4.0/11, MS3.5/4, Indian Ocean Triple Junction

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

ISK 13 16:35:39.7, 38.65N; 43.07E, h5km, ML2.1/4
ISCJB 13 16:35:40.7, 38.61N; 0.05; 43.11E; 0.04, h21km, 10km, Error ellipse: s-maj=8.7km s-min=5.5km az=171.9

DDA 13 16:35:40.6, 38.64N; 43.12E, h7km, 2km, ML2.5
ISC 13 16:35:39.7, 1.0, 38.57N; 0.05; 43.14E; 0.04, h28km, 8km, n10, o055/16, Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like VANB Van, GEVA Gevas, AKDM Akdamar-Van, etc.

NIED 13 16:58:00.41; 90N; 141.70E, h4km, Mw3.9 Best double couple: Mo:7.59000e+10 N1:1.55e+10, N2:1.55e+10, lambda:168.00000e-01, NP2:320.00000e-01, lambda:24.00000e-01

ISCJB 13 16:58:02.4, 0.3, 41.84N; 0.03; 141.71E; 0.04, h92km, 2km, mb3.6/9, Error ellipse: s-maj=5.9km s-min=3.8km az=37.4

JMA 13 16:58:03.4, 0.1, 41.85N; 141.68E, h8km, 2km, M3.8 Broadband fault plane solution: P waves: N1: 0.62, 0.0000e+00, lambda:150.0000e-01, NP2: 0.63, 0.0000e+00, lambda:26.0000e-01, Principal axes: T: P1g3.0000e-01, Azm190.0000e-01, N: P1g53.0000e-01, Azm96.0000e-01, P: P1g37.0000e-01, Azm282.0000e-01

JMA Felt I J1
IDC 13 16:58:03.8; 1.9, 41.91N; 141.83E, h94km, 18km, mb3.4/9, mb1 3.6/13, mb1mx3.4/41, mbtmp3.8/13, MS2.5/3, Ms1 2.5/3, ms1mx2.3/26 Error ellipse: s-maj=20.4km s-min=14.6km az=107.0

ISC 13 16:58:03.1; 0.7, 41.83N; 0.03; 141.72E; 0.04, h86km, 6km, n50, o084/61, mb3.7/9, 11C-3D, Hokkaido region

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

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JKB Aomorihighashid, JAHD Ohata, etc.

ASAJ Ashikawa 2.37 15 P Pn 16 58 40.4+0.3
MAT Matsushiro 5.94 208 P Pn 16 59 30.2+1.7

MJAR WAKE ISLAND Hy 30.67 128 LR 17 02 01.0
USRK comp=Z, 34nm, 21.5s, baz=215, slow=39 1.0nm, 0.7s, baz=214, slow=6.5, SNR=6.4

USRK comp=Z, 65nm, 21.3s, baz=27, slow=40 0.3nm, 0.3s, baz=58, slow=14, SNR=16

KSRK Korea Array 11.50 252 P Pn 17 00 49.6+5.5
KSRK comp=Z, 12nm, 19.0s, baz=220, slow=36 0.1nm, 0.3s, baz=214, slow=6.5, SNR=6.4

PETK Petropavlovsk-15 38 20 P Pn 17 01 35.1-2.5
SEY Seymchan 22.05 13 P Pn 17 02 48.3-2.2

SONM Songino Array 25.60 296 P Pn 17 03 24.1-0.2
H11N2 WAKE ISLAND Hy 30.67 128 T T 17 36 45.2

H11N1 WAKE ISLAND Hy 30.68 128 T T 17 36 45.7
H11N3 WAKE ISLAND Hy 30.69 128 T T 17 36 46.3

H11S1 WAKE ISLAND Hy 31.52 130 T T 17 37 47.3
H11S2 WAKE ISLAND Hy 31.52 130 T T 17 37 47.7

H11S3 WAKE ISLAND Hy 31.52 130 T T 17 37 48.1
H11S2 WAKE ISLAND Hy 31.54 130 T T 17 37 48.1

ZALV Zalesovo Beam 39.00 308 P Pn 17 05 20.8 0.0
MKAR Makanchi Array 41.93 298 P Pn 17 05 45.0 -0.1

CMAR Chiang Mai Arr 43.13 251 P Pn 17 05 56.8 +1.7
ILAR Eielson Array 45.37 35 P Pn 17 06 12.7 +0.3

TAPN Tappejung 46.03 270 P Pn 17 06 19.4 +1.0
JARM Jiri 47.00 271 P Pn 17 06 23.0 +0.2

RIMN Ramite 47.00 270 P Pn 17 06 26.8 +0.2
GUN Gumba 47.10 271 P Pn 17 06 26.9 +0.1

PKN Kakani 47.61 272 P Pn 17 06 30.9 +0.3
PKI 11nm, 0.9s
PKN Pulchokhi 47.63 271 P Pn 17 06 30.9 -0.1

GKN Gorkha 47.98 272 P Pn 17 06 33.3 -0.1
DANN Dangka 48.45 273 P Pn 17 06 37.7 +0.5

KOLN Koldanda 48.87 273 P Pn 17 06 39.9 -0.5
WRA Warramunga Arr 61.84 188 P Pn 17 08 13.2 +0.1

ASAR Alice Springs 65.57 188 P Pn 17 08 37.8 +0.2
AKAS Akashi Array Be 70.67 21 P Pn 17 09 09.0 -0.2

ASRS 13 17:11:35.9; 0.4, 52.9N; 3.96E, h5km, MLH3.7/10, smi: org.gfz-potsdam.de/geofon/LCSAT earthModelID smi: org.gfz-potsdam.de/geofon/lasp91 confirmed, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TDJR Todzha, KZLR Kyzyl, etc.

ARDR Aradan 1.75 301 Sg Sg 17 12 10.8 +2.5
ARDR 17 12 11.1 +4.4

CERR Cheremushki 2.98 295 Pp Pp 17 12 30.5 +2.1
CERR 17 13 13.5 +2.1

MOV Mondy 3.19 89 Pp Pp 17 12 37.6 +0.7
MOV 17 12 37.6 +0.7

MINY Mina 3.36 343 Pp Pp 17 12 41.1 +1.3
MINR 17 12 41.1 +1.3

VEH Verkhnyaya Baz 3.74 297 Pp Pp 17 12 43.0 +0.6
VEH 17 13 28.2 +2.3

LUZH Luzhba, Kemero 4.68 298 Sg Sg 17 14 05.2 -0.8
LUZH 17 14 05.2 -0.8

748 s-maj=224.4km s-min=27.5km az=82.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam.

UCR 13 17:24:03.8; 4.0, 11.54N; 86.27W, h20km, 31km, MW3.7, 2C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CNGN Cerro Negro, GB1A Borinquen Arri, ACON Acopya, etc.

ATH 13 17:25:33.7; 34.78N; 24.18E, h24km, 5km, ML2.6/2, Error ellipse: s-maj=6.7km s-min=1.8km az=226.0

THE 13 17:25:34.2, 34.77N; 24.16E, h21km, 1km, ML2.7/2, Error ellipse: s-maj=3.3km s-min=0.7km az=194.0

ISC 13 17:25:33.7; 4.3, 34.8N; 0.2; 24.1E; 0.1, h25km, 18km, n11, o032/16, Crete

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

IDC 13 17:29:19.7, 4.6, 9.93S; 127.62E, h382km, 90km, mb2.6/1, mb1 3.3/4, mb1mx2.8/29, mbtmp4.0/4, Error ellipse: s-maj=119.3km s-min=22.5km az=48.0, Banda Sea

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

Buji 13 18:44:03.3; 0.0, 1.27N; 127.45E, h121km, mb4.5/25, mb4.9/14

NEIC 13 18:44:07.0; 0.1, 9.175N; 0.08; 127.40E; 0.08, h114km, 7km, mb4.5/45, earthModelID

quakeml.us.anss.org/earthmodel/ak135
DJA 13 18:44:06.4; 0.4, 2.9N; 5.12E, h109km, 4km, M4.5/14, mb5.0/10, mb4.7/14, MLV4.6/13, Mw(mb)4.3/10

ISCJB 13 18:44:07.0; 0.2, 1.70N; 0.03; 127.32E; 0.04, h128km, mb4.6/20, Error ellipse: s-maj=5.7km s-min=3.5km az=165.7

IDC 13 18:44:08.6; 2.0, 1.68N; 127.39E, h128km, 20km, mb3.8/11, mb1 4.0/14, mb1mx3.6/47, mbtmp4.2/14, MS2.1/1, Ms1 2.1/1, ms1mx2.0/25, Error ellipse: s-maj=27.5km s-min=11.4km az=68.0

KLM 13 18:44:10.0, 1.85N; 127.16E, h120km, 6km, ISC 13 18:44:08.7; 0.4, 1.68N; 0.04; 127.31E; 0.06, h128km, n102, o1938/103, mb4.5/39, 1C-1D, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TNTI Ternate, LMBN Labuha, SGSI Sangihe, etc.

AAI Ambon 5.40 171 P Pn 18 45 27.3 +0.1
DAV Davao City (W) 5.63 342 LR LR 18 47 37.2

KCP Kidapawan 5.74 337 LR Sg Sg 18 46 35.6 -1.0
KCP 18 46 35.6 -1.0

KFSI Kuching 6.21 246 P Pn 18 46 37.3 -0.8
CTB Cotabato 6.30 331 P Pn 18 46 36.3 -3.0

FAKI Fak Fak 6.73 133 P Pn 18 45 45.8 +0.8
FAKI Fak Fak 6.73 133 P Pn 18 45 45.5 +0.5

PCI Palau 7.90 251 P Pn 18 46 11.7 +1.1
TTSI Tana Toraja 8.39 238 P Pn 18 46 12.7 -0.7

SPSI Sidrap Talu 9.93 233 P Pn 18 46 20.8 -0.1
BNSI Bone 9.99 230 P Pn 18 46 19.4 -1.1

Table of station data for the left column, including columns for code, station name, time, and other parameters.

Table for Kuril Islands stations, including station names like Severo-Kuril's and Pauzhetka.

Table of station data for the middle column, including stations like Mutnovka, Russkaya, and Karymshtinskiy.

ISCJB 13 19:10:11.0, 1.0, 37.37N, 0.03, 141.42E, 0.07, h21km, 6km, mb3.4/2, Error ellipse: s-maj=9.4km s-min=5.0km az=16.3

Table of station data for the middle column, including stations like JFK, JFM, and JFT.

IDC 13 19:21:17.2, 1.3, 9.31S, 157.06E, h0km, mb3.7/5, mb1 3.8/6, mb1mx2 3.6/36, mbtmp3 8.6, ML3.3/7, Ms1 3.3/7, ms1mx2 9.2/20, Error ellipse: s-maj=34.1km s-min=24.9km az=132.0, Bougainville-Solomon Islands region

Table of station data for the middle column, including stations like HNR, KRVT, and WRA.

ANF 13 19:21:29.0, 2.0, 33.79N, 117.63W, h7km, 2km, ML2.5/24, Error ellipse: s-maj=1.9km s-min=1.5km az=54.0

SCEDC 13 19:21:30.4, 33.79N, 117.64W, h2km, ML2.7, NEIC 13 19:21:30.4, 33.79N, 117.64W, h2km, earthModelID quakeml.us.anss.org/earthmodel/ak135

Table of station data for the middle column, including stations like MURC, BFSC, and MWC.

Table of station data for the right column, including stations like Camp Elliot, San Clemente, and Edwards Air Fo.

ISK 13 19:29:39.6, 38.789N, 43.50E, h5km, ML3.7/12, NSSP 13 19:29:39.2, 38.833N, 43.50E, h5km, Ms3.6

DDA 13 19:29:40.3, 38.777N, 43.53E, h5km, 1km, ML3.7, TEH 13 19:29:40.7, 38.800N, 43.47E, h1km, ML3.8

MOS 13 19:29:41.9, 1.4, 38.833N, 43.41E, h17km, mb4.4/4, Error ellipse: s-maj=10.7km s-min=6.1km az=75.9

ISCJB 13 19:29:41.4, 0.4, 38.800N, 0.01, 43.45E, 0.02, h0km, 3km, mb3.9/13, MS2.8/4, Error ellipse: s-maj=2.6km s-min=2.3km az=29.0

IDC 13 19:29:45.5, 5.6, 38.89N, 43.50E, h33km, 37km, mb3.6/9, mb1 3.6/11, mb1mx3 4.4/6, mbtmp3 7.1/11, ML3.6/2, MS2.9/6, Ms1 2.9/6, ms1mx2 5.4/40, Error ellipse: s-maj=43.8km s-min=13.9km az=173.0

AZER 13 19:29:45.6, 0.6, 38.84N, 43.81E, h2km, ml3.7/28, Error ellipse: s-maj=7.2km s-min=5.5km az=225.0

ISC 13 19:29:41.7, 1.0, 38.790N, 0.01, 43.50E, 0.02, h4km, 7km, n180, e208/231, mb3.9/13, MS2.6/4, 9C-20, Turkey

Table of station data for the right column, including stations like Van-Muradiye, Van, and VanB.



13d 19h

Table listing various stations and their properties for the 13d 19h time slot, including station names, SNR values, and associated codes.

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Main table listing stations for September 2013, including station names (e.g., POL, ALIB, GNB), SNR values, and associated codes.

750

Table listing stations for the 750 time slot, including station names, SNR values, and associated codes.

ISCJB 13 19:30:33.0... MS4.3/23, Error ellipse: s-maj=10.7km s-min=7.4km az=18.9
IDC 13 19:30:33.0... ms1 4.1/18, ms1mx4.1/23, Error ellipse: s-maj=21.5km s-min=19.8km az=102.0
NEIC 13 19:30:35.2... m5.0/23, earthmodel/vak135
GCMT 13 19:30:37.2... MM5.1/132, Moment Tensor Solution. s64,c88; s132,c218; Duration: 0. Moment tensor: Scale 10^16Nm; M=0.671; 18; Mw=4.902; 13; Mo=0.771; 11; M=1.301; 33; Mw=2.321; 08; Mv=0.681; 34; Best double couple: Mo5.98900x10^16 Np1.3e295.00000; d52.00000; 1-89.00000; NP2: 113.00000; d38.00000; 1-91.00000; Principal axes: T 6.1240, Plg0.0000; Azm24.0000; N -0.2640, Plg1.0000; Azm114.0000; P -5.6540, Plg63.0000; Azm122.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s; Triangular moment-duration function

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, h, m, s, I, C. It lists various station identifiers and their corresponding parameters.



Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like FAKI, JHU, LUWI, SSLB, YHNB, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ILAR, RIDG, BMAR, BCAR, PPT, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like AMT, PYL, PYL, PYL, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KORYAKA, DALY, KIZIMEN, etc.

ISCJB 13 23:09:57.91.2, 13.83N, 107.93W, 0.05, h22km, Error ellipse: s-maj=10.9km s-min=5.9km az=25.8

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include THIG, PCIG, FUEGO 3, etc.

WEL 13 23:40:05.6.0.3, 44.52S, 172.12E, h5km, M3.3/12, ML3.4/8, MLV3.3/12, South Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include EYREWELL, CANTEBURY LAS, etc.

ATH 13 23:58:28.8, 36.59N, 26.44E, h138km, 3km, ML2.6/3, Error ellipse: s-maj=4.1km s-min=2.0km az=81.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include AMGA, ANAF, BODRUM, etc.

Table with columns: LAST, Lasithi, 1.66 210 P AML, 23 58 59.4 +0.4, 23 59 26.3, etc.

ISC 14 00:08:57.3.0.0, 43.84N, 89.56E, h7km, mb3.9/1, ML3.5/8, NNC 14 00:09:00.9.3.0, 44.48N, 89.63E, h0km, mb3.9, mpv3.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WMQ, MK31, MAKZ, etc.

NIED 14 01:10:00.31.50N, 129.50E, h8km, Mw4.0, Best double couple: M1.03000x1015 N1.9x89.00000, 0.80, 0.00000, 1.5-0.00000

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JSJ, JSU, JKC, etc.

ISC 14 00:11:08.9.0.1, 31.71N, 129.44E, h9km, 1km, M3.8, Kyushu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SNSI, NLSI, KCSI, etc.

Table with columns: PCIG, FUEGO 3, 1.54 334 eP Pn, 23 58 59.4 +0.4, 23 59 26.3, etc.

ISCJB 14 00:18:12.9.0.5, 5.96N, 125.96E, h127km, mb3.9/9, Error ellipse: s-maj=9.2km s-min=4.1km az=162.1

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DDMAP, MATI, DAVAO CITY, etc.

BUI 14 00:27:11.1.0.0, 51.65N, 174.81W, h17km, mb5.3/78, mb5.1/60, Mb5.1/78, Ms7 4.9/70

NEIC 14 00:27:13.5.1.8, 51.48N, 174.72W, h19km, 1km, mb5.5/670, Mw5.2, ML5.4(AEIC), Mw5.3(GCMT), earthModelD quakeml:us.anss.org/earthmodel/ak135

ISC 14 00:27:15.3.0.3, 51.54N, 174.64W, h0.02, h46km, 2km, Mb5.2/210, MS4.8/81, Error ellipse: s-maj=3.8km s-min=1.8km az=1.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ATKA, KOFK, KOKE, etc.

Table with columns: Name, Date, Time, Location, Status, and other details. Includes entries like SMY Shemya, SML False Pass, SDPT Sand Point, etc.

Table with columns: Name, Date, Time, Location, Status, and other details. Includes entries like INK comp=Z,6.6nm,0.7s, ScP ScP, INK comp=Z,4.5nm,0.9s, ScP ScP, DLBC Dease Lake, etc.

Table with columns: Name, Date, Time, Location, Status, and other details. Includes entries like HMH Humu'ula Sheep, MLOA Mauna Loa Obse, MWH Moku'aweo, etc.



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MNTX, CPX, MXST, MSTX, G40A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like QZH, H46A, GLMI, D49A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like L47A, ARAO, ARCES, etc.





Table with columns: Station, Name, Time, Frequency, Power, and other metrics. Includes stations like R55A Marlinton, X51A Calhoun, U53A Fall Branch, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other metrics. Includes stations like U56A King, K63A Dunstable, P60A Greenville, etc.

Table with columns: Station, Name, Time, Frequency, Power, and other metrics. Includes stations like TIGA baz=317, TIGA Tifton, 453A Whigham, etc.



14d Oh

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like KIV, TRPA, GEYT, GYET, GYEH, etc.

2013 SEP

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like AKH, CFF, FETA, MLR, SSF, SOKA, etc.

760

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like RPSI, PDG, PDG, PDG, EPF, EPF, NRCA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASHO Ashiyah, YOTO Yotoco, WSAR Wadi Sarin, etc.

IDC 14 00:39:03.01.4, 13.82N-87.77W, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/30, mbtmp3.6/4, ML3.0/1, MS2.8/2, Ms1 2.8/2, ms1mx2.6/30, Error ellipse: s-maj=45.5km s-min=17.2km az=43.0

ISCJB 14 00:39:07.9.0.8, 12.95N-01.08-84W-0.0/4, h68km, 7km, mb3.7/3, Error ellipse: s-maj=14.6km s-min=5.2km az=18.6

SNET 14 00:39:08.3.1.1, 12.92N-88.84W, h35km, 9km, ML4.1 GCG 14 00:39:13.5.6.9, 12.83N-91.04W, h77km, 99km, MD4.2

ISC 14 00:39:07.8.1.4, 12.9N-01.88S-0.05, h63km, 10km, n31, c1923/44, mb3.9/1, ID, Off coast of central America

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like COEB Comit de Eme, TECA Tecapa, SNVI San Vicente, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FUG El Apazote, APG Las Juntas de, APG Las Juntas de, etc.

MEX 14 00:39:30.5.0.4, 14.41N-92.30W, h4km, 4km, MD3.5 ISC 14 00:39:27.2.9.1, 14.3N-0.1-92.39W-0.0/9, h10km, n3, r1933/6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like THIG Santiago 3, STG3 Santiago 3, STG3 Santiago 3, etc.

ATH 14 01:03:32.6, 40.39N-24.04E, h18km, 1km, ML2.5/11, Error ellipse: s-maj=1.1km s-min=0.8km az=251.0

ISCJB 14 01:03:33.1.0.4, 40.40N-0.02-24.05E-0.02, h2.9km, 3km, Error ellipse: s-maj=3.4km s-min=2.9km az=164.4

SOF 14 01:03:33.2, 40.44N-23.99E, h12km, Error ellipse: s-maj=1.0km s-min=0.4km az=216.0

ISC 14 01:03:33.0.3.0, 40.40N-0.02-24.04E-0.02, h13km, 5km, n55, c0549/82, Aegean Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OUR Ouranopolis, PAIG Paliouri, THAS Thassos island, etc.

HORT Hortiatis, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GRG Griva, GRG Rothen, ALN Alexandroupoli, etc.

IDC 14 01:12:59.0.10.0, 8.65S-130.25E, h88km, 76km, mb3.5/1, mb1 3.3/3, mb1mx3.1/22, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=96.1km s-min=78.5km az=82.0, Tanimbar Islands region

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

LDG 14 01:14:58.3.0.9, 39.92N-3.39W, h10km, ML5.4, Error ellipse: s-maj=24.3km s-min=8.5km az=158.0

ISC 14 01:14:58.9.0.8, 40.15N-0.05-34.1W-0.06, h7km, n11, c28/28, Spain

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SESP Santiago Espad, HORH Hornachuelos, SJPFF Ste Jean, etc.

MEX 14 01:16:51.5.0.3, 17.69N-101.19W, h60km, 4km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ZIIG Zihuatanejo, ARIG Puento Sto Nin, CAIG El Cayaco, etc.

ISCJB 14 01:27:47.3.0.4, 24.01N-0.02-122.44E-0.02, h16km, 4km, Error ellipse: s-maj=3.8km s-min=2.2km az=161.9

JMA 14 01:27:47.4.0.2, 24.03N-122.43E, h20km, M2.2 TAP 14 01:27:49.0, 24.08N-122.37E, h34km, ML2.7, D

ISC 14 01:27:47.2.1.1, 24.01N-0.03-122.43E-0.02, h23km, 13km, n54, c0511/93, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EOSI EOSI, YJNG Yonagunijima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like NNS Nan Shan, WHF Hehuan Shan, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TECA Tecapa, MEX 14 01:43:38.4, JMA 14 01:48:13.3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PB09 IAML, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GCG 14 01:30:06.7, SNET 14 01:30:08.9, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SOME 14 02:22:00.8, NNC 14 02:22:01.7, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KRSC 14 03:07:26.7, TUMD Tumrok D, etc.

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Table with columns: Riv, BOJS, GBRs, NWLJ, KNDS, UDBI, SKDS, DUGI, MORI, MORI, KIJV, ZIRJ, ZIRJ. Includes station names like Rijeka, Bojanci, Gornja Briga, Novejia, Knezi Dol, Udbina, Skadanscina, Dugi Otok, Morici, Kijevo, Zirje.

IDC 14 03:49:41.0.1.1.7.95S:67.31E,h0km,mb3.9/7,mb1 4.0/7, mb1mx3.6/57,mbtmp3.9/7,MS3.9/9,Ms1 3.4/9, m1mx3.0/40, Error ellipse: s-maj=32.8km s-min=28.8km az=137.0, Mid-Indian Ridge

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations and their seismic data.

ISC/JB 14 03:57:54.6:0.4,51.48N:0.02:16.12E:0.03,h0km, Error ellipse: s-maj=0.0km s-min=2.5km az=39.4

PRU 14 03:57:57.3:0.0,51.47N:16.11E,h0km, mb2.6/6, m1.2/6/8, VIE 14 03:57:59.6:0.9,51.29N:16.04E,h0km, mb2.6/6, Error ellipse: s-maj=10.4km s-min=5.6km az=50.0, Suspected Mining induced.

UPP 14 03:58:00.2:0.3,51.74N:15.96E,h0km,ML1.9,Suspected explosion

ISC 14 03:57:55.4:0.8,51.54N:0.03:16.12E:0.02,h0km,n37, o591/84, Poland

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations and their seismic data.

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Table with columns: CONA, BSD, BMD, MOA, ARSA, BLEU, DEL, DEL, MOTA, RETA, RETA, VJXU, VJXU, FAEU, FAEU. Includes station names like comp-Z,13nm,0.4s, Bornholm Skovb, Molin, comp-Z,0.5nm,0.1s, MOA, ARSA, Arzberg, comp-Z,1.2nm,0.3s, BLEU, Bleikinge, DEL, Delary, MOTA, Moosalm, comp-Z,0.5nm,0.2s, RETA, Reutte, comp-Z,0.5nm,0.1s, SQTa, Sankt Quirin, comp-Z,0.4nm,0.1s, VJXU, Vaesxjoe, VJXU, Gnojsoe, FAEU, Falkenberg, FAEU, Gnojsoe.

TAP 14 04:13:14.8,23.18N:120.91E,h8km,ML3.1,B ISC/JB 14 04:13:15.4:0.2,23.18N:0.02:120.93E:0.01,h10km,2km, Error ellipse: s-maj=2.7km s-min=2.2km az=162.7 JMA 14 04:13:15.7,23.13N:121.13E,h0km,M3.5 ISC 14 04:13:14.8-0.8,23.19N:0.02:120.97E:0.02,h15km,5km, m65, o0890/89,14C-6D, Taiwan

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations and their seismic data.

14d 4h

Table with columns: TWQ1, WDGt, WDGt, NSY, TWK1, TWKt, NNSB, NNS, PHUB, PHUB, PNG, VCHM, VCHM, NANB, NDT, YHNB, ENTT, TWC, YJY, YJY, HATJ, IRIF, JISG, JTJ. Includes station names like Liyutan, Dungi, Sany, Hengchun, Hengchun, Datong, Nan Shan, Peng-hu, Peng-hu, Datong, Nanshan, Nanshan, Nanshan, Datong, Suao, Suao, Yonaguni jima, Yonaguni jima, Haterumajima, Haterumajima, Haterumajima, Ishigakijima, Tarama.

TAP 14 04:13:22.5,24.27N-121.72E,h10km,ML2.0,3D,C, Taiwan

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations and their seismic data.

ISC/JB 14 04:26:58.4:0.8,21.77S:0.03:68.76W:0.07,h124km,10km, Error ellipse: s-maj=10.9km s-min=5.5km az=173.6 SJA 14 04:26:58.1:0.3,21.77S:68.72W,h114km,3km,ML2.2, MW2.8 GUC 14 04:26:58.2:0.7,21.74S:68.73W,h116km,4km,ML3.5 ISC 14 04:26:59.5:1.7,21.75S:0.04:68.75W:0.06,h113km,14km,n22,o0848/38,11C,Chile-Bolivia border region

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations and their seismic data.

14d 6h

Table with columns: YJA, HJA, AZAP, comp, station name, time, phase, ID, res. Includes stations like Yavi, Humahuaca, Zapla.

ISCJB 14 04:41:54.0, 6.22, 44S: 0.08: 159W: 5.0, 3, h10km, mb4.4/7, MS4.3/18, Error ellipse: s-maj=17.2km

IDC 14 04:41:56.1, 0.8, 62: 85S: 160: 01W, h0km, mb4.4/7, mb1.4/5.7, mb1mx4.3/18, mbtmp4.4/7, MS4.4/14, Ms1.4/4.14, ms1mx4.3/17, Error ellipse: s-maj=30.0km

NEIC 14 04:41:57.9, 1.5, 62: 53S: 0.10: 159W: 89W: 0.05, h10km, 2km, mb4.4/9, earthModellD

quakeml: us.anss.org/earthmodell/ak135
GCMT 14 04:42:03.0, 0.2, 63.01S: 0.01: 160W: 0.02, h16km, 1km, MW5.2/20, Moment Tensor Solution. s63, c88; s120, c183

ISC 14 04:41:56.9, 0.6, 62: 48S: 0.10: 159W: 6W: 0.1, h10km, n60, +f32: 39, mb4.4/9, MS4.5/18, Pacific-Antarctic Ridge

Main station list table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Lists numerous stations like SBA, RPZ, QSPA, etc.

2013 SEP

ESDC Sonseca Array 152.83 136 PKPbc PKIKP 05 01 53.7 +0.4 comp=2.0, 1nm, 0.4s, baz=195, slow=2.4, SNR=4.2

Table for MEX 15 05:03:52.1±0.7, 16:12N:97.61W, h15km, 7km, MD3.5, Oaxaca. Lists stations like PNIG, VHO, HUG, TLIG.

ISCJB 14 05:13:02.7, 0.3, 2: 30N: 0.04: 128W: 56E: 0.05, h35km, mb4.1/1, Error ellipse: s-maj=7.4km s-min=4.5km

DJA 14 05:13:04.6, 1.0, 2: 2N: 4.12: 8E: 1, h20km, 7km, M4.7/5, mb5.2/2, MLV4.4/5
IDC 14 05:13:05.4, 3.6, 2: 28N: 128W: 56E, h55km, 33km, mb3.8/12, mb1.4/0.13, mb1mx3.7/33, mbtmp4.1/13, ML4.5/1, MS2.7/1, Ms1.2/7.1, ms1mx2.4/23, Error ellipse: s-maj=33.1km

NEIC 14 05:13:06.5, 1.6, 2: 18N: 0.09: 128W: 34E: 0.09, h57km, 7km, mb4.3/17, earthModellD

quakeml: us.anss.org/earthmodell/ak135
ISC 14 05:13:04.5, 0.4, 2.14N: 0.05: 128W: 46E: 0.06, h35km, n72, ±221/63, mb4.4/18, 1D, Halmahera

Main station list table for the 2013 SEP section with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Lists stations like TNTI, SGGSI, SIJU, etc.

764

IDC 14 05:21:28.6, 1.5, 15: 30N: 142: 12E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.4/26, mbtmp3.7/14, ML3.9/1, Error ellipse: s-maj=52.9km s-min=25.4km az=63.0, Mariana Islands region

Table for IDC 14 05:21:28.6, 1.5, 15: 30N: 142: 12E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.4/26, mbtmp3.7/14, ML3.9/1, Error ellipse: s-maj=52.9km s-min=25.4km az=63.0, Mariana Islands region. Lists stations like GUMO, KSRS, WRA, MKAR.

MEX 14 05:46:40.9, 0.4, 17: 62N: 101.09W, h57km, 7km, MD3.5, Near coast of Guerrero

Table for MEX 14 05:46:40.9, 0.4, 17: 62N: 101.09W, h57km, 7km, MD3.5, Near coast of Guerrero. Lists stations like ZIIG, ARIG, CAIG, MEIG, PLIG, TLIG.

IDC 14 06:01:27.8, 0.7, 38: 27N: 142: 54E, h0km, mb3.6/10, mb1.3/8.13, mb1mx3.7/42, mbtmp3.7/13, ML3.4/3, MS2.7/3, Ms1.2/7.3, ms1mx2.4/44, Error ellipse: s-maj=25.4km s-min=14.7km az=110.0

JMA 14 06:01:32.0, 0.2, 1.38: 31N: 142: 12E, h34km, 1km, M3.9, JMA I1/1

ISC 14 06:01:27.6, 2.9, 38: 28N: 0.05: 142: 31E: 0.07, h1km, n17km, n31, ±193/36, mb3.7/10, 6C-3D, Near east coast of Honshu

Main station list table for the 764 section with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Lists stations like JIKH, OURI, KESEN, etc.

IDC 14 06:01:47.2, 3.7, 3: 94N: 128: 01E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.4/36, mbtmp3.6/4, Error ellipse: s-maj=112.7km s-min=62.6km az=86.0, North of Halmahera

Table for IDC 14 06:01:47.2, 3.7, 3: 94N: 128: 01E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.4/36, mbtmp3.6/4, Error ellipse: s-maj=112.7km s-min=62.6km az=86.0, North of Halmahera. Lists stations like FITZ, WRA, ASAR, etc.

NNC 14 06:02:41.7, 13.0, 37: 25N: 71: 51E, h0km, mb3.7, mpv3.4, 3C-2D, Error ellipse: s-maj=136.8km s-min=93.7km az=135.0, Afghanistan-Tajikistan border region

Table for NNC 14 06:02:41.7, 13.0, 37: 25N: 71: 51E, h0km, mb3.7, mpv3.4, 3C-2D, Error ellipse: s-maj=136.8km s-min=93.7km az=135.0, Afghanistan-Tajikistan border region. Lists stations like AAK, KK31, TKM2, etc.

IDC 14 06:08:40.7, 1.2, 37: 69S: 73: 37W, h0km, mb3.6/6, mb1.3/9.8, mb1mx3.8/19, mbtmp3.7/8, ML4.0/2, MS3.5/6, Ms1.3/5.6, ms1mx3.2/18, Error ellipse: s-maj=34.5km s-min=15.5km az=70.0

ISCJB 14 06:08:41.0, 0.6, 37: 77S: 0.03: 73W: 0.1, h22km

MS3.5/4, Error ellipse: s-maj=11.9km s-min=4.7km az=5.1
NEIC 14 06:08:42.9.1.5, 37.73S; 0.06:73.66W; 0.05, h19km, 5km,
mb4.6/5, ML4.5(GUC), earthModelId
quakeml:us.anss.org/earthmodel/ak135
GUC 14 06:08:49.5.0.6, 37.54S; 73.91W, h21km, 3km, ML4.5
ISC 14 06:08:42.8.0.7, 37.80S; 0.04:73.81W; 0.09, h22km, n46,
c170/46, MS3.5/4, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like San Pedro de C, Chillan, Cobquecura, Curarrehue, Huala, Paso Flores, etc.

0.4nm, 0.3s, baz=182, slow=11, SNR=4.9
MJAR Matushiro Arr 15.59 43 P
0.1nm, 0.3s, baz=233, slow=12, SNR=5.6
HNR Honiara 48.59 131 LR
comp=Z, 32nm, 19.4s, baz=147, slow=34
ILAR Eielson Array 66.28 28 P
0.3nm, 0.5s, baz=270, slow=5.6, SNR=7.8
YKA Yellowknife Arr 80.23 24 P
0.7nm, 0.6s, baz=325, slow=6.0, SNR=5.2

ROM 14 06:17:08.2.0.1, 43.366N; 0.003:12.552E; 0.004,
h5km, ML1.3/7, Error ellipse: s-maj=0.3km s-min=0.1km
az=247.0, Central Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Monte Foco - G, Monte Urbino, AVT- Monte Val, etc.

comp=E, 1215um, 0.3s
FSSB
comp=N, 1345um, 0.2s
CAFI Castiglione Fl 0.43 265 AML AML
comp=E, 1569um, 0.1s
CAFI
comp=N, 239um, 0.4s
MGAB Montegabbione 0.56 216 AML AML
comp=E, 621um, 0.5s
MGAB
comp=E, 610um, 0.2s
MGAB
comp=N, 670um, 0.2s
MGAB
comp=N, 616um, 0.7s

ROM 14 06:17:55.3.0.0, 43.367N; 0.003:12.556E; 0.004,
h8km, ML2.3/29, Error ellipse: s-maj=0.3km
s-min=0.2km az=45.0, Central Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like Monte Foco - G, Monte Urbino, AVT- Monte Val, etc.

NIED 14 06:11:00.25:80N; 125.00E; h104km, Mw3.7 Best
double couple: Ms3.82000; 1014 NP1; Ms143.00000;
delta5.00000; lambda-145.00000; NP2; Ms32.00000; delta62.00000;
lambda-40.00000

ISC/JB 14 06:11:51.3.0.5, 25.68N; 0.09:125.11E; 0.07,
h118km, 8km, mb3.5/2, Error ellipse: s-maj=17.9km
s-min=9.9km az=147.5

JMA 14 06:11:52.5.0.1, 25.77N; 125.01E; h103km, M3.6
IDC 14 06:11:55.1.7.1, 25.04N; 126.02E; h157km, 39km, mb3.3/2,
mb1 3.5/5, mb1mx3.0/39, mbtmp3.7/5, MS3.3/1, Ms1 3.3/1,
ms1mx2.3/28, Error ellipse: s-maj=81.1km s-min=68.3km
az=163.0

ISC 14 06:11:52.1.0.9, 25.68N; 0.1:125.15E; 0.08, h124km, 12km,
n24, c086/40, Southwestern Ryukyu Islands

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

ATCC AVT- Casa Cast 0.19 161 P
S
Sg
AML
06 17 12.7 +0.7
06 17 16.9 +1.9



Table listing station data for the first half of the page, including station names like ATCC, FRON, ATMI, ATTE, NARO, BADI, MPAG, SNTG, ARVD, PE3, FSSB, PARC, and SS9P, along with coordinates, codes, and flags.

Table listing station data for the second half of the page, including station names like EL6, COR1, CESI, CING, CPGN, FDMO, MGAB, MOMA, PESA, NRCA, NRCA, NRCA, SACS, ASQU, LNSS, RUF1, DUGI, NVLJ, ZIRJ, KLVJ, CSES, CSPI, MGBA, and PB15, along with coordinates, codes, and flags.

Table listing station data for the third half of the page, including station names like G002, LVC, PB06, PB10, PB04, PB03, HJA, AZAP, YCA, VCA, and PB07, along with coordinates, codes, and flags.

IDC 14 07:36:22.47, 8.743S:13.28W, h0km, mb3.7/2, mb1 3.8/3, mb1mx3.6/24, mbtm3.9/3, ML3.4/1, MS3.3/8, Msl 3.2/8, ms1mx3.0/22, Error ellipse: s-maj=498.0km s-min=110.3km az=132.0, Ascension Island region

Table listing station data for the fourth half of the page, including station names like H10N1, H10N2, H10N3, H10S1, H10S2, H10S3, DBIC, TORO, TORI, BDFB, BOS, KMB, LP, ROSC, AKAS, and NOA, along with coordinates, codes, and flags.

KRNET 14 07:48:58.7±0.1, 40.71N:79.91E, mb2.3 SOME 14 07:49:27.4, 40.65N:79.62E, h10km, NNC 14 07:49:27.4, 40.62, 40.74N:79.71E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=4.1km s-min=40.7km az=120.0

Table listing station data for the fifth half of the page, including station names like ISC 14 07:49:30.7±2.9, 40.9N:01.7973E, 0.09, h10km, n17, 147/25, 4C-1D, Southern Xinjiang, KDJ, SHLS, SHLS, SHLS, UZB, UZB, UZB, SATY, SATY, SATY, PDGK, PDGK, PDGK, PDGK, ZHN, ZHN, KTMS, KTMS, KPKS, KPKS, NRN, TNSS, TNSS, TNSS, MDOK, MDOK, and MDOK, along with coordinates, codes, and flags.

SJA 14 07:25:13.9±0.8, 24.02S:68.91W, h35km, 10km, ML3.0, MW2.8 ISCJB 14 07:25:15.5±0.8, 23.98S:0.04:68.97W:0.07, h93km, 16km, Error ellipse: s-maj=10.5km s-min=6.1km az=175.8 GUC 14 07:25:15.2±0.6, 23.97S:68.97W, h93km, 5km, ML3.3 ISC 14 07:25:17.0±1.5, 23.96S:0.04:68.99W:0.06, h75km, 20km, n19, 0584/30, 2C-4D, Northern Chile

BJI 14 08:22:06.9±0.0, 38.22N:120.79E, h7km, ML3.5/7, 1C, Northeastern China



Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KSH, AAK, IL31, ILAR, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TUNR, ARTR, ARTR, KZLR, etc.

SOME 14 09:16:24.0, 42:33N;70:60E, h0km
NVC 14 09:16:24.3, 1.42:31N;70:55E, h0km, mb3.0, mpv2.2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KK31, KK31, KK31, etc.

JMA 14 09:19:47.4, 0.3, 25:92N;128:66E, h46km, M3.6, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JTT3, JTT3, JTT3, etc.

ISCJB 14 09:27:55.6, 1.4, 17:9S;0:6, 178:3W;0.4, h579km, mb3.5/7, Error ellipse: s-maj=86.6km s-min=16.5km az=151.3

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



quakeml.us.anss.org/earthmodel/ak135
DRS 14 10:14:09.8.0.0.41.42N-48.60E,h17km
NRC 14 10:14:12.7.5.6.41.97N-48.92E,h0km,mb4.3,Error
ellipse: s-maj=154.7km s-min=47.1km az=125.0
ISC 14 10:14:07.6.0.7.41.34N.0.02.48.55E.0.02.h35km,2km,
n218,e2s36/295,mb4.2/22,MS3.5/7,1C-12D,Eastern

Table with columns: Code, Station, Name, Az, Az', Phase ID, C, H, m, s, Res, ISC. Lists seismic stations like QUBA, QUSAR, QASAR, etc.

Table with columns: TBLG, Delisi, 2.88 279, Pn, Pn, 10 14 52.5 +1.4, 10 14 52.5 +1.4, 10 14 52.5 +1.4. Lists seismic events and stations like Delisi, Shahbuz, Ordubad, etc.

Table with columns: BTK, IAMB, IAMB, 10 18 13.1, 10 18 07.2 +0.3, 10 26 31.4. Lists seismic events and stations like BTK, KIROV, KIRV, etc.

Table with 7 columns: BCAR, SHEL, SHEL, NVAR, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for Beaver Creek A, Horse Pasture, etc.

IDC 14 10:18:50.3±1.6, 35°56'N, 141°27'E, h0km, mb3.5/4, mb1 3.6/8, mb1mx3.4/61, mbtm3.6/8, ML3.2/4, MS3.2/7, Ms1 3.2/7, ms1mx2.7/47, Error ellipse: s-maj=5.1km s-min=1.7km s-tilt=19.7km az=72.0

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for CHOU, CHOU, JSMT, etc.

IS/CJB 14 10:18:53.6±0.8, 35°56'N, 141°26'E, h0.8, h33km, mb3.6/4, MS3.4/4, Error ellipse: s-maj=9.9km s-min=6.2km az=160.2

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for JMA, MAT, MAT, etc.

NNC 14 10:21:00.7±2.5, 42°00'N, 82°24'E, h0km, mb3.6, mvp3.2, Error ellipse: s-maj=18.6km s-min=13.0km az=170.0

SOME 14 10:21:03.9, 42°77'N, 82°43'E, h5km, Error ellipse: s-maj=17.4km s-min=12.7km az=170.0

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for KTMS, KTMS, SHLS, etc.

IDC 14 10:25:32.1±1.9, 32°19'N, 115°46'W, h0km, mb3.5/1, mb1 3.6/6, mb1mx3.5/2, mbtm3.2/6, ML3.5/4, MS3.2/9, Ms1 3.1/9, ms1mx3.0/25, Error ellipse: s-maj=30.4km s-min=10.0km az=42.0

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for NEIC, NEIC, NEIC, etc.

Fault plane solution: NP1:φ=138.33000°, δ90.00000°, λ30.00000° MEX 14 10:25:36.5±0.6, 32°48'N, 115°15'W, h2km, MD.4.4

Main station data table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for Cerro Prieto, Westside Schoo, Mexicali, etc.

NVAR Mina Array Bea 6.52 339 Pn Pn 10 27 12.3 +0.8

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for NVAR, NVAR, MSU, etc.

MEX 14 10:27:22.7±0.7, 16°04'N, 97°62'W, h15km, 7km, MD3.7, Oaxaca

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for PNIG, PNIG, Vista Hermosa, etc.

IDC 14 10:36:07.7±1.6, 38°25'N, 21°81'E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.4/38, mbtm3.8/4, ML3.5/1, Error ellipse: s-maj=74.1km s-min=23.2km az=124.0

IS/CJB 14 10:36:09.2±0.3, 38°76'N, 0°02'21.17E, h0.2, h5km, 3km, mb3.8/3, Error ellipse: s-maj=2.8km s-min=2.1km az=27.5

ATH 14 10:36:09.2, 38°77'N, 21°17'E, h13km, 1km, ML3.0/26, Error ellipse: s-maj=1.5km s-min=0.6km az=218.0

THE 14 10:36:09.5, 38°74'N, 21°19'E, h0km, 1km, ML3.0/21, Error ellipse: s-maj=1.4km s-min=0.3km az=330.0

ISC 14 10:36:09.2±0.9, 38°77'N, 0°02'21.21E±0.02, h12km, 7km, Error ellipse: s-maj=17.4km s-min=12.7km az=170.0

Table with 7 columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes data for PVO, PVO, MGNA, etc.



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

IDC 14 11:40:21.3-9.8, 20.21S x 177.96W, h504km, 119km, mb2.9/6, mb1 3.3/7, mb1mx3.1/21, mbtmp3.8/7, Error ellipse: s-maj=63.6km s-min=24.7km az=177.0, Fiji Islands region

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

CRAAG 14 11:41:28.3, 36.39N x 3.09E, M3.1, MDD 14 11:41:29.6, 0.5, 36.42N x 3.07E, h0km, mb3.7/14, Error ellipse: s-maj=6.8km s-min=5.3km az=35.0, PRXIMO

ISC 14 11:41:29.4, 1.0, 36.47N x 0.04 x 3.18E, 0.04, h188km, n28, +189Z/33, Northern Algeria

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

WEL 14 11:44:40.6-0.4, 41.3 x 172E, h5km, M3.5/15, ML3.7/13, MLV3.5/15, Error ellipse: s-maj=0.0km s-min=0.0km az=154.3, South Island

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

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

ISCJB 14 12:09:04.9-0.7, 36.66N x 0.07 x 70E, 0.1, h188km, mb3.6/6, Error ellipse: s-maj=13.9km s-min=6.2km az=146.0

IDC 14 12:09:05.2-7.7, 36.28N x 70E, h200km, 67km, mb3.1/6, mb1 3.1/10, mb1mx2.9/61, mbtmp3.6/10, Error ellipse: s-maj=19.7km az=36.0

ISC 14 12:09:05.3-0.9, 36.66N x 0.09 x 70E, 0.1, h188km, n21, +175Z/23, mb3.4/6, 1C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, MKAR, etc.

ISCJB 14 12:10:18.5-0.9, 0.78N x 0.08 x 122E, 0.09, h100km, mb3.8/4, Error ellipse: s-maj=14.9km s-min=8.9km az=35.3

DJA 14 12:10:19.0-0.4, 1.1, N4.4 x 12E, h67km, 6km, ML4.4/8, mb4.7/3, mb5.2/1, MLV4.3/8, Mw(mb)4.5/1

IDC 14 12:20:06.6-8, 0.63N, 122.06E, h98km, 59km, mb3.5/4, mb1 3.6/5, mb1mx3.2/53, mbtmp3.8/5, ML4.0/2, MS2.9/2, Ms1 2.9/2, ms1mx2.4/30, Error ellipse: s-maj=60.3km s-min=23.1km az=54.0

ISC 14 12:20:12.1-0.1, 0.74N x 0.09 x 122E, 0.08, h100km, n17, +150Z/20, mb3.8/4, Minahasa Peninsula, Sulawesi

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

MDD 14 12:31:03.9-3.2, 36.79N, 12:50W, h0km, mb3.6/5, Error ellipse: s-maj=26.5km s-min=19.6km az=86.0, PRXIMO

IGL 14 12:31:04.3, 36.80N, 12:53W, h2km, ML1.7, INMG 14 12:31:06.4, 1.1, 36.57N, 12:81W, h10km, ML1.8, Error ellipse: s-maj=8.4km s-min=6.6km az=112.0

ISC 14 12:31:03.3-4.0, 36.9N, 0.1 x 12:5W, 0.2, h100km, n26, +168Z/33, Azores-Cape St. Vincent Ridge

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

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

SJA 14 12:37:07.8-0.6, 27.94S x 67.40W, h136km, 5km, ML4.5, MWV3.5

NEIC 14 12:37:05.1-2.2, 72S x 0.05 x 67W, 0.05, h126km, 5km, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISCJB 14 12:37:07.1-0.1, 27.88S x 0.02 x 67.33W, 0.03, h135km, mb4.3/33, Error ellipse: s-maj=3.3km s-min=2.5km az=176.8

MOS 14 12:37:07.6-1.4, 27.90S x 67.32W, h132km, mb4.6/15, Agyubinsk, s-maj=14.3km s-min=7.9km az=102.9

VAO 14 12:37:08.2-0.3, 27.93S x 67.35W, h136km, mb4.5/5, IDC 14 12:37:09.7-0.6, 27.84S x 67.25W, h141km, 4km, mb3.9/14, mb1 4.1/17, mb1mx4.0/25, mbtmp4.3/17, MS2.6/2, Ms1 2.7/2, ms1mx2.5/17, Error ellipse: s-maj=17.1km s-min=10.2km az=72.0

ISC 14 12:37:08.5-0.3, 27.91S x 0.04 x 67.35W, 0.04, h135km, n453, +180Z/473, mb4.6/7, 2C, Catamarca Province

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



Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FRTB, ITRB, BB19B, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like W50A, W50A, W50A, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Q49A, HHAR, HHAR, etc.



Table with columns: Station Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like Petropavlovsk, Hailar, Nanjing, Baijiutau, Magadan, etc.

Table with columns: Station Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, FAKI, CHTO, CHTO, CHTO, etc.

Table with columns: Station Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like WRA, PRGR, PRGR, LVZ, LVZ, AS31, etc.

Table of astronomical observations for 2013 SEP, listing stations (e.g., BOZ, RYN, KVN), station names, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations (e.g., FETA, DAVA, PPT), station names, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations (e.g., DDA, BNN, BNN, SAIM), station names, coordinates, and observation details.

Table with columns: LPAZ, LAZ, GERES, GERES, GERES, NB20A, NOA, TXAR, CPUP, PD31, PDAR, PDAR, PDAR, YKA, ARAO, ARCES, AKASG, AKASG, AKASG, NV01, NVAR, NVAR, BR10, BRTR, BRTR, INK, INK, KIRV, BCAR, KBZ, IL31, IL31, ILAR, ILAR, PLCA, KMBO, BOSA, ZALV, MKAR, PETK

NEIC 14 13:34:39.0, 9.26, 1N, 0.2, 44.4W, 0.2, h10km, zkm, mb4.3/1.1, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 14 13:34:41.2, 1.0, 26.53N, 44.51W, h0km, mb3.8/1.0, mb1.4/0.10, mb1mx3.7/5.1, mbtmp3.8/10, Error ellipse: s-maj=34.5km s-min=20.6km az=125.0

ISC 14 13:34:42.0, 9.26, 4N, 0.2, 44.6W, 0.1, h11km, n32, r176/23, mb4.2/1.4, Northern Mid-Atlantic Ridge

Table with columns: BBSR, BBGH, CMLA, CBYP, PDPFR, AOPR, H10N2, H10N3, H10N1, H10S1, H10S3, H10S2, LPAZ, LPAZ, LPAZ, NB20A, PD31, PDAR, FIAO, FIAO, AKASG, AKASG, INK, INK, IL31, IL31, ILAR

ISCJB 14 13:37:54.3, 1.5, 30.98S, 0.07, 179.9E, 0.3, h400km, mb3.3/2, Error ellipse: s-maj=33.0km s-min=9.7km az=176.0

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

SOME 14 13:45:34.7, 40.85N, 80.02E, h15km, NNC 14 13:45:36.5, 2.3, 40.94N, 79.90E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=15.8km s-min=13.0km az=170.0

KRNET 14 13:45:38.0, 0.1, 40.71N, 79.97E, mb2.7, ISC 14 13:45:38.9, 2.3, 40.94N, 0.10, 80.02E, 0.06, h10km, n38, r171/60, 16C-5D, Northern Kijiang

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

ISC 14 14:04:17.4, 0.3, 19.02N, 0.02, 64.92W, 0.01, h51km, zkm, mb4.5/3.0, MS3.9/20, Error ellipse: s-maj=3.6km s-min=2.0km az=20.3

NEIC 14 14:04:17.1, 3.19, 19.01N, 0.05, 64.88W, 0.05, h42km, gkm, s-maj=4.5km s-min=3.6km az=20.3

RSPR 14 14:04:17.2, 19.05N, 64.84W, h4km, zkm, MB4.4/1.4, ISC 14 14:04:18.3, 0.8, 19.01N, 0.04, 64.93W, 0.02, h46km, gkm, n490, r1946/517, mb4.6/5.4, MS4.0/20, 33C-2D, Virgin Islands

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

Table with columns: KST, CHKK, CHKK, KTBS, KTBS, KTBS, TKM2, TKM2, DGS, DGS, MK31, MK31

OSPL 14 14:04:13.2, 3.3, 18.44N, 64.46W, h14km, zkm, ML4.3, TRN 14 14:04:14.9, 19.12N, 64.99W, h25km

IDC 14 14:04:17.7, 1.6, 19.11N, 64.92W, h40km, zkm, mb4.1/2.8, mb1.4/3.32, mb1mx4.2/4.7, mbtmp4.4/3.2, ML3.8/4, MS3.9/22, Ms1 3.9/22, ms1mx3.9/30, Error ellipse: s-maj=11.1km s-min=6.7km az=6.0

ISCJB 14 14:04:17.4, 0.3, 19.02N, 0.02, 64.92W, 0.01, h51km, zkm, mb4.5/3.0, MS3.9/20, Error ellipse: s-maj=3.6km s-min=2.0km az=20.3

NEIC 14 14:04:17.1, 3.19, 19.01N, 0.05, 64.88W, 0.05, h42km, gkm, s-maj=4.5km s-min=3.6km az=20.3

RSPR 14 14:04:17.2, 19.05N, 64.84W, h4km, zkm, MB4.4/1.4, ISC 14 14:04:18.3, 0.8, 19.01N, 0.04, 64.93W, 0.02, h46km, gkm, n490, r1946/517, mb4.6/5.4, MS4.0/20, 33C-2D, Virgin Islands

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

Table with columns for station call letters, name, coordinates, elevation, and various performance metrics. Includes stations like ANWB Willy Bob, W57A Johnson Farm, Q54A Cocks Mills, etc.

14d 14h

Table with columns for station code, name, coordinates, and various parameters like SR, SNR, etc. Rows include ECSD, TXAR, TXAR, TXAR, TXAR, BDFB, MNTX, AGMN, AGMN, G001, PB11, T25A, ULM, ULM, ULM, SDCO, SDCO, BNM, ANMO, Q2A4, Q2A4, PB01, MDND, S22A, S22A, PHWY, PHWY, N23A, SMC0, LVC, MVCO, K22A, K22A, PV07, PV12, PV18, TUC, TUC, LAO, WU02, BW06, PD31, PDAR, PDAR, PDAR, PDAR, RLMT, FXWY, IMW, CPUP, CPUP, SPUT, DUG, DUG, EGM, GLA, BOZ, IRM, BC3, TUQ, R11A, MONP, TPNV, GSC, MSO, MPMC, GRAC, JMT, LRMC, EDW2, PLID, CWC, NV11, NV01, NVAR, NVAR, BMO, BMO, NEW, NEW, NEW, J05D, O03E, M04C, I05D.

2013 SEP

Table with columns for station code, name, coordinates, and various parameters like SR, SNR, etc. Rows include LTY, G05D, F05D, J04D, L04D, YBH, YBH, M02C, B05A, B02D, J01E, YKA, YKA, YKR8, YKR8, SUMG, ESDC, ESDC, BBB, TIC, LIC, DBIC, DBIC, PLCA, PLCA, KIC, DLBO, TOA1, TOA0, TOR0, TOR0, INK, NB20, NOA, NOA, BCAR, GERES, ILAR, ILAR, ILAR, HDA, POKR, RND, RND, TRF, TRF, ARAO, ARCES, ARCES, ARCES, FIAO, FINES, FINES, BR10, BRTR, BRTR, PETK, MAJO, MJAR, KSRS, LZH, LZH, STKA, WR1, WR1, WRA, WRA, WRA, ASAR, ASAR, TRN 14:09:25.3, ISCJB 14:09:27.5, NEIC 14:09:27.6, RSPR 14:09:28.7, ISC 14:09:29.1, Code Station Name, AVB, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, SMRT, PCDR, SDDR, LGNH, GBRP, ROSC, BCIP, Y58A, 255A, RSPR 14:14:21.25, Code Station Name, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, PDRP, SDDR, SJJG, SJJG, SJJG, IGPR, IGPR, IGPR, EMPR, EMPR, EMPR, EMPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, AGPR, AGPR, AGPR, LSP, LSP, LSP, MPR, MLPR, MLPR, MLPR, CRPR, CRPR, CRPR, IDE, IDE, IDE, IDE, IDE, SKI, NVRH, NVBH, ANWB, MLTY, MLTY, DLPL, SDDR, GTBY, SDV, CBCY, AVB, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, SMRT, PCDR, SDDR, LGNH, GBRP, ROSC, BCIP, Y58A, 255A, RSPR 14:14:21.25, Code Station Name, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, PDRP, SDDR, SJJG, SJJG, SJJG, IGPR, IGPR, IGPR, EMPR, EMPR, EMPR, EMPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, AGPR, AGPR, AGPR, LSP, LSP, LSP, MPR, MLPR, MLPR, MLPR, CRPR, CRPR, CRPR, IDE, IDE, IDE, IDE, IDE, SKI, NVRH, NVBH, ANWB, MLTY, MLTY, DLPL, SDDR, GTBY, SDV, CBCY, AVB, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, PDRP, SDDR, SJJG, SJJG, SJJG, IGPR, IGPR, IGPR, EMPR, EMPR, EMPR, EMPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, AGPR, AGPR, AGPR, LSP, LSP, LSP, MPR, MLPR, MLPR, MLPR, CRPR, CRPR, CRPR, IDE, IDE, IDE, IDE, IDE, SKI, NVRH, NVBH, ANWB, MLTY, MLTY, DLPL, SDDR, GTBY, SDV, CBCY.

Table with columns for station code, name, coordinates, and various parameters like SR, SNR, etc. Rows include PDRP, SJJG, SJJG, SJJG, IGPR, IGPR, IGPR, EMPR, EMPR, EMPR, EMPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, SMRT, SMRT, AOPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, OBIP, OBIP, OBIP, OBIP, AGPR, AGPR, AGPR, LSP, LSP, LSP, LSP, LSP, MPR, MLPR, MLPR, MLPR, CRPR, CRPR, CRPR, IDE, IDE, IDE, IDE, IDE, SKI, NVRH, NVBH, ANWB, MLTY, MLTY, DLPL, SDDR, GTBY, SDV, CBCY, NEIC 14:14:22.9, RSPR 14:14:25.5, ISC 14:14:26.0, Code Station Name, AVB, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, HUMP, HUMP, HUMP, HUMP, SMRT, PCDR, SDDR, LGNH, GBRP, ROSC, BCIP, Y58A, 255A, RSPR 14:14:21.25, Code Station Name, AVB, AVB, AVB, AVBI, AVBI, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, HUMP, HUMP, PDRP, SDDR, SJJG, SJJG, SJJG, IGPR, IGPR, IGPR, EMPR, EMPR, EMPR, EMPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, AGPR, AGPR, AGPR, LSP, LSP, LSP, MPR, MLPR, MLPR, MLPR, CRPR, CRPR, CRPR, IDE, IDE, IDE, IDE, IDE, SKI, NVRH, NVBH, ANWB, MLTY, MLTY, DLPL, SDDR, GTBY, SDV, CBCY.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerrillos, Arcibco Observ, Magueyes Islan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like St. Croix, Patillas Dam, San Juan, etc.

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

ISCJB 14 14:26:53.6, 0.7, 19.03N, 0.07, 64.78W, 0.05, h79km, 8km, Error ellipse: s-maj=12.3km s-min=7.1km az=165.1

NEIC 14 14:26:54.7, 1.6, 19.08N, 0.08, 64.83W, 0.08, h59km, 8km, earthModelID quakem.us.anss.org/earthmodel/ak135

ISC 14 14:26:54.7, 1.6, 19.08N, 0.08, 64.84W, 0.05, h53km, 16km, n29, c135/43, 11C, Virgin Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like St. Croix, Loma Pena Alta, etc.

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

ISCJB 14 14:41:38.7, 0.9, 19.13N, 0.10, 64.85W, 0.06, h63km, 17km, Error ellipse: s-maj=17.0km s-min=8.0km az=159.9

NEIC 14 14:41:39.9, 0.8, 19.20N, 0.1, 64.91W, 0.1, h40km, 11km, earthModelID quakem.us.anss.org/earthmodel/ak135

ISC 14 14:41:39.9, 0.8, 19.20N, 0.1, 64.91W, 0.02, h41km, 11km, n28, c053/37, 8C-4D, Virgin Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Skhour des Reh, Oukaimeden, etc.

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

TRN 14 14:46:30.1, 1.9, 84N, 64.37W, h34km, Error ellipse: s-maj=8.1km s-min=3.0km az=4.5

NEIC 14 14:46:33.7, 1.9, 12N, 0.06, 64.85W, 0.05, h53km, 13km, earthModelID quakem.us.anss.org/earthmodel/ak135

ISC 14 14:46:33.7, 1.9, 12N, 0.06, 64.85W, 0.02, h23km, 13km, n69, c172/83, 12C-1D, Virgin Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Skhour des Reh, Oukaimeden, etc.

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

ISCJB 14 15:42:47.7, 0.3, 51.56N, 0.02, 174.69W, 0.02, h47km, 2km, Error ellipse: s-maj=7.6km s-min=7.6km az=160.0





Table with columns for horse name, jockey, odds, race type, and performance data. Includes entries like Kahului Airpor, Haleakala, E04D, etc.

Table with columns for horse name, jockey, odds, race type, and performance data. Includes entries like MAJO Matsushiro, MAJO MAT, MAJO Matsushiro, etc.

Table with columns for horse name, jockey, odds, race type, and performance data. Includes entries like MDPB Devils Postpil, MDPB Bozeman (W), BOZ, etc.

14d 15h

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like PDAR Pinedale Array, DGMT Dagmar, GSC Goldstone, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like MVCO Mesa Verde, BJJI Beijing, TLY Talaya, etc.

784

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like Y22D IRIS PASSCAL, ECDSD EROS Data Cent, TARA Tarawa, etc.



14d 15h

2013 SEP

786

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HICK Hickman, LPAR Lepanto, K51A Iona Station, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O51A Pataskala, L53A Girard, ERPA Erie, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K56A Middlesex, VBMS Vicksburg, MAKZ Makanchi, etc.

Table with 10 columns: Station, Signal, Az, El, P, R, IAMS, IAMS, IAMS, IAMS, IAMS, IAMS. Rows include W50A Signal Mountain, W50A Signal Mountain, P55A Reedsville, S53A Williamson, TZTN Tazewell, BINY Binghamton, V51A Loudon, M57A Sunshine Farm, O56A Blue Knob Stat, O56A Blue Knob Stat, VT1 Waterbury, Q55A Buckhannon, SSPA Standing Stone, SSPA Standing Stone, UC2A Thorn Hill, CPCT Cooper Cave, L58A Harry Jones, L58A Harry Jones, L58A Harry Jones, T53A Wise, R54A Victor, Y49A Blount Mountain, Y49A Blount Mountain, N57A Milroy, W51A Cleveland, S54A Dingess, Beckl, ACCN Adirondack Com, M58A Price's Panora, V52A Sevierville, V52A Sevierville, P56A Dayton Farm, R, LRAL Lakeview Retre, LRAL Lakeview Retre, L59A Walton, LBNH Lisbon, O57A Amberson, Q56A Snyder Ridge, Q56A Snyder Ridge, N58A Sunbury, X51A Calhoun, X51A Calhoun, X51A Calhoun, R55A Marlinton, U53A Fall Branch, PQI Presque Isle, T54A Tazewell, ARU Arti, ARU Arti, ARU Arti, M59A Waymart, W52A Murphy, W52A Murphy, W52A Lewisburg, HNH Hanover, TRY Troy, TRY Troy, P57A Homestead Farm, J61A Chester, R56A Bull Pasture M, Z50A Ashland, Z50A Ashland, Z50A Ashland, U54A Nelsons Funny, Y51A Rockmart, V53A Saluda, V53A Saluda, Q57A Strasburg, JOF Joensuu, O58A Lewisberry, N59A State Game Lan, L60A Shokan, BATG Bathurst New B.

Table with 10 columns: Station, Signal, Az, El, P, R, IAMS, IAMS, IAMS, IAMS, IAMS, IAMS. Rows include BATG, PKME Peaks-Kenny Pk, PKME Peaks-Kenny Pk, T55A Pulaski, NSS Namsos, I62A Tamworth, X52A Dahlonega, W53A Cullowhee, BLA Blausburg, HNR Honiara, O59A Robesonia, P58A Pank, Wackers, Z51A Franklin, M60A Port Jervis, S56A Natural Bridge, J62A Henniker, U55A TA2, Sparta, V54A Nebo, BG3 Lake Jocassee, BG3 Lake Jocassee, WVU Waterville, N60A Cedar Hill, Q58A Fox Den Farm, R57A Stanardsville, X53A Estanolee, K62A Royalston, K62A Royalston, K62A Royalston, T56A Rocky Mt, SDMD Soldier's Deli, Y52A Lilburn, Y52A Lilburn, Y52A Lilburn, KLMR Klimovskoe, KLMR Klimovskoe, KLMR Klimovskoe, K5CT Kent School, S57A Dark Hollow, P59A Jarrettsville, 250A Grady, 250A Grady, O60A Telford, J63A Stratford, R58A Rapidan, V55A Taylorsville, V55A Taylorsville, W54A Cherokee Point, BRAL Brewton, BRAL Brewton, M61A Granite Spring, QU2A Belchertown, QU2A Belchertown, Z52A Williamson, Y53A Moore, Y53A Sumainian, U56A King, K63A Dunstable, AFI Afatulu, P60A Greenville, P60A Greenville, PSUB Penn St - Bra, PAL Palisades, PAL Palisades, TDK Taldyqorghan, TDK Taldyqorghan, TDK Taldyqorghan, T57A Hurt, T57A Hurt, HRV Adam Dzewonsk, HRV Adam Dzewonsk, HRV Adam Dzewonsk, X54A Belton, 152A Waverly Hall, 152A Waverly Hall, R58B Mineral, CGP Canyon de Oro, PAULI Pauline, V56A Mocksville, V56A Mocksville, KMSC Kings Mountain, KMSC Kings Mountain.

Table with 10 columns: Station, Signal, Az, El, P, R, IAMS, IAMS, IAMS, IAMS, IAMS, IAMS. Rows include YLE Yale, S58A Poland Farm, S58A Poland Farm, S58A Poland Farm, GOGA Godfrey, GOGA Godfrey, GOGA Godfrey, O61A Allenton, Z53A Monticello, R59A King George, V, GGN Saint George, EMMW East Machias, Y54A Tignall, U57A Blanch, TBLU Trondheim, T58A Grand View Acr, BRYW Bryant College, BRYW Bryant College, X55A Gracelyn & Ava, 252A Lumpkin, 252A Lumpkin, V57A Coltrane Farms, W56A Indri Trail, DAV Davao City (W), PDGK Podgornoye, PDGK Podgornoye, Z54A Sparta, Y55A Saluda, 352A Blakely, 352A Blakely, 253A Americus, 253A Americus, U58A Oxtord, X56A White Oak, GENI Genysom, J5C Jeniville, J5C Jeniville, S60A Water View, 451A Vernon, W57A Gilead, W57A Gilead, T59A Double 'B' Far, T59A Double 'B' Far, V58A Windy Hill, P, 154A Montrose, 154A Montrose, BIRD Birktown, Kers, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, KMI Kunming, FIA1 FINESS Array S, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, QIZ Qionghong, QIZ Qionghong, QIZ Qionghong, QIZ Qionghong, QIZ Qionghong, QIZ Qionghong, MOL Molde, T60A Surry, U59A Littleton, U59A Littleton, 353A Camilla, 155A Kite, X57A Johnson Farm, 254A Abberville, SATY Saty, SATY Saty.











Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KODAK Kodiak Island, PETK Petropavlovsk, ELAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like USAK Uak-Merkez, USAK Karahalli, GDZ Gediz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MASU Masugnbyn, KIF Kilpisjarvi, KIF Kilpisjarvi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FIAO baz=346,slow=14, FIAO baz=344,slow=28, FIAO FINES Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FIAO baz=344,slow=28, FIAO FINES Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like G003 Copiap, G003 Copiap, G003 Copiap, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MK32 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes stations like MCLT Moule a Chique, SVV Soufriere Volc, and many others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes stations like TPNV Topopah Spring, NV01 Mina Array Sit, and others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes station DJA 14 16:35:23.1,0.6,9.55,11.0E, and others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes station IDC 14 16:36:24.6,1.6,6.31S,148.33E, and others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes station ISCJB 14 16:58:57.0,0.2,52.42S,0.06,26.4E, and others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes station ISC 14 16:58:58.0,0.5,52.45S,0.09,26.5E, and others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes station ISCJB 14 17:00:07.3,0.2,21.5S,0.02,78.90W, and others.

Table with columns: ID, Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes stations MORW Morawa, BDFB Brasilia, and others.

JMA 14 16:59:08.0,0.2,21.56N,121.29E,h21km,M3.6
TAP 14 16:59:10.3,21.65N,121.29E,h70km,ML3.0,D
ISC 14 16:59:13.3,2.2,21.7N,121.24E,0.04,h58km,11km,

Table with columns: Code, Station Name, Frequency, Power, Bandwidth, SNR, Azimuth, Elevation, and other technical specifications. Includes stations TSEB Hengchun, Pin, LAY Lan-yu, and many others.

Table with columns: Name, Time, Az, Phase, Res, Code. Includes entries like AQUE Quevedo, MORR Playas El Morr, PAST Pastocalle, etc.

Table with columns: Name, Time, Az, Phase, Res, Code. Includes entries like FCAR Ozark Folk Cen, S51A Beattyville, PBMO Poplar Bluff, etc.

Table with columns: Name, Time, Az, Phase, Res, Code. Includes entries like ULM Lac du Bonnet, NV11 Mina Array Sit, OMMB Old Mammoth, etc.

Bull 14 17:08:59.0±0.51:70N±174:55W, h5km, mb5.1/62, mB5.3/47, MS5.0/57, MS7.4/87... NEIC 14 17:09:04.0±1.6:51:43N±106:174:63W, 0.04, h25km, 3km, mb5.9/45, Mw5.0, ML5.0(AEIO), Moment Tensor Solution... Moment Tensor: Scale 1017Nm, M1:5.6; Mw:1.27; Mw:0.29; Mo:0.21; Mw:0.36; Mw:0.18; Fault plane solution: Mo:1.50000±1017 NP1:±71.49000°; δ49.34000°; λ89.51000°. NP2:±252.25000°; δ63.66000°; λ90.57000°. Principal axes: T:1.5793, Plg6.0000°, Azm337.0000°; N:-0.1735, Plg0.0000°, Azm72.0000°; P:-1.4058, Plg4.0000°, Azm162.0000°; earthModelID quakeml:us.anss.org/earthmodel/ak135

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Table with columns: Station, Name, Value, Unit, Date, and other details. Includes stations like ADAG, ADK, ADK, ADK, KIBW, KIKV, KIMD, etc.

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Table with columns: Station, Name, Value, Unit, Date, and other details. Includes stations like IL31, IL31, ILAR, ILAR, ILAR, etc.

14d 17h

Table with columns: Station, Name, Value, Unit, Date, and other details. Includes stations like TEY, TEY, TEY, TEY, TEY, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NEW Newport, NEW NEW, NEW NEW, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BOZ Bozeman (W), OMMS Old Mamm, NV11 Mina Array Sit, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GSC Goldstone, JLU Jordonelle, BFSC Mount Baldy Ra, etc.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like D53A Lac Vacive, Po, 58.79 52 P P, 17 18 59.5 -0.7.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like DELO Deloro Mine, 60.61 55 P P, 17 19 13.3 +0.5.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MK31 Makanchi Array, 61.96 311 P P, 17 19 20.9 -1.1.



Table with columns for station name, frequency, power, and other technical details. Includes stations like ZIRO, KK31, KK31, KKAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMLA, DDI, SGKI, BOK, etc.

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



Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like DHRM DHARAMSHALA, AML Almayashu, NRN Naryn, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK Kurchatov, RAMN Ramite, TAPN Taplejung, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like FINES FINESS Array B, OJC Ojcow, OJC Ojcow, etc.

BUJ 14 17:57:28.9,0.0,9.91N,125.66E,h30km,mb4.5/44, m84.9/31,Ms4.4/14,Ms7.4/28
ISCJ 14 17:57:28.8,0.2,9.97N,125.55E,0.03,h33km, mb4.6/60,MS3.9/13,Error ellipse:s-maj=3.8km s-min=2.8km az=162.8
MAN 14 17:57:29.4,9.86N,125.39E,h18km,MS4.9
MAN INTENSITY V - SURIGAO CITY; INTENSITY III - SISON PLACER TUBOD & TAGANAAN SURIGO DEL NORTE; INTENSITY II - MALIMONO MAINIT AND GIGAUIT SURIGAO DEL NORTE; INTENSITY I - DAPA SARGAO.
NEIC 14 17:57:30.1,5.1010N,0.06E,125.45E,0.06,h27km,4km, mb4.7/84,earthModelID quakemi.us.anss.org/earthmodel/ak135
MOS 14 17:57:31.6,1.0,9.97N,125.45E,h51km,mb4.6/25,Error ellipse:s-maj=12.4km s-min=6.1km az=111.4
IDC 14 17:57:32.8,2.0,9.90N,125.48E,h49km,20km,mb4.0/21, mb1.4/2/23,mb1mx4.1/34,mbmp4.3/23,ML4.5/3,MS3.8/8, Ms1.3/8,ms1mx3.4/39,Error ellipse:s-maj=22.3km s-min=10.5km az=76.0
DJA 14 17:57:33.0,1.0,10.1N,127.12E,51km,h50km,8km,M4.9/18, mb4.8/18,mb5.3/8,MLv2.4,Mw(mB)4.8/8
ISC 14 17:57:31.8,0.3,9.89N,125.44E,0.04,h35km,n260, mb1.8/95,mb4.6/83,MS4.0/14,BC-12D,Mindanao
Code Station Name Az El Phase ID Time Res
MSLP Maasin 0.62 293 eS Sn 17 57 48.7 -4.1
BUTP Butuan 0.94 169 eS Sn 17 58 03.8 +3.2
PLP Palo 1.34 340 lS Sn 17 58 12.3 +1.6
OCLP Ormoc 1.41 325 eS Sn 17 58 17.5 +5.1
LLP Lapu-Lapu 1.51 286 lS Sn 17 58 14.0 -0.8
TBP Tagbilaran 1.57 263 S Sn 17 58 15.1 -1.1
BESP Borongan 1.70 360 eS Sn 17 58 23.6 +4.1
BIP Bislig 1.84 154 lS Sn 17 58 32.4 +9.4
SNPH Suluan 2.24 229 eS Sn 17 58 27.0 +1.6
DCPH Dipolog City 2.44 238 lS Sn 17 58 08.6 -0.5
DMPH Davao City-Mi 2.79 179 lS Sn 17 58 50.2 +3.7
DAV Davao City (W) 2.81 177 P Sn 17 58 15.3 +1.0
81nm,0.3s,baz=45,slow=1.3,SNR=5.9
DAV Davao City (W) 2.81 177 P Sn 17 58 15.3 +1.0
PAGZ Pagadian 2.87 225 eS Sn 17 58 53.0 +4.6
KCP Kidapawan 2.88 187 lS Sn 17 59 02.1 +1.3
GUIM Guimard 2.90 285 eS Sn 17 58 52.0 +2.9
CTB Cotabato 3.41 325 eS Sn 17 59 22.5 +1.5
MATI Mati 3.04 164 eS Sn 17 59 01.1 +8.5
RCP Roxas 3.12 302 eP Sn 17 58 18.6 0.0
JAP San Jose, Anti 3.54 284 eP Sn 17 58 27.6 +3.3
DDMP Don Marcelino, 3.71 176 eS Sn 17 59 24.5 +1.4
PVP Virac 3.98 341 eS Sn 17 59 25.1 +1.3
OTPR Odiongan 4.16 307 eS Sn 17 59 22.5 +2.4
BUSP Coron 5.26 393 eS Sn 17 59 49.4 -5.3
TGY Tagaytay City 6.08 314 P Sn 17 59 00.9 +1.8
44nm,0.3s,baz=202,slow=1.7,SNR=7.1
TGY Tagaytay City 6.08 314 P Sn 17 59 02.7 +2.3
SGSI Sangali 6.17 179 P Sn 17 59 02.7 +2.3
277nm,0.8s,2um1.2nm
SGSI 277nm,0.8s,2um1.2nm S Sn 18 00 06.5 -3.3
SMPP San Manuel, Pa 7.76 324 eP Sn 17 59 23.7 +1.4
CAUP Cauayan 7.84 334 eS Sn 18 00 36.5 -1.4
APYP Conner 8.91 333 eS Sn 18 01 25.1 +7.9



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FIA1, FINES, AKASG, BURAR, NOA, etc.

ISCJB 14 18:04:42.6:1.0, 5.612S:0.2:27.2W:0.5, h112km, mb3.9/4, Error ellipse: s-maj=44.4km s-min=15.1km az=155.9

NNC 14 18:40:58.9:0.5, 45.96N:79.41E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=5.0km s-min=2.8km az=129.0

SOME 14 18:40:59.5, 45.93N:79.33E, h15km, Error ellipse: s-maj=5.0km s-min=2.8km az=129.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1, VNA2, SNAW, MAW, LPAZ, TORO, ASAR, WRA, FINES, SONM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, UZB, ZHN, ZHH, ZHN, ZHN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOTS, MDOK, TNSN, ZSN, ZSN, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKM2, ZSN, ZSN, ZSN, etc.

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

IDC 14 18:50:30.9:3.5, 1.46N:124.41E, h196km, mb3.6/6, mb1.3/6, mb1mx3.3/42, mbtmp4.0/8, Error ellipse: s-maj=49.5km s-min=12.5km az=70.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, STKA, SONM, MKAR, ZALV, etc.

NEIC 14 18:56:07.2:2.5, 51.53N:0.07x174.76W:0.04, h27km, 6km, mb4.3/100, earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 14 18:56:06.7:3.1, 51.46N:0.08x174.69W:0.04, h27km, 6km, mb4.3/100, earthModelID quakeml.us.anss.org/earthmodel/ak135

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATKA, ATKA, KOPF, KOKU, KOSE, GSTR, GSTD, ETPT, ADAG, ADK, ADK, etc.

Table with columns: Call Sign, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like BMAR, EGAK, DAWY, etc.

Table with columns: Call Sign, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like N59A, FINES, NB2, etc.

Table with columns: Call Sign, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like PSA00, AIN, HUH, etc.

BUL 14:19:13.48:0.0,11:20S;166:40E,h140km,m0.4,7/20,m0.4,8/13

ISCJB 14:19:13.49:1.0,0.3,11:12S;0:04:166:35E;0:05,h146km,m0.4,3/22,Error ellipse: s-maj=7.0km s-min=5.2km az=7.7

IDC 14:19:13.50:0.0,0.7,11:08S;166:38E,h141km,5km,m0.4,1/19,m1:4.2/20,mb1mx4.2/30,mbmp4.5/22,MS3.7/1,Ms1.3/7.1,ms1mx2.8/7,Error ellipse: s-maj=14.3km s-min=10.8km az=106.0

NEIC 14:19:13.51:8.0,9,11:14S;0:08:166:37E;0:08,h159km,5km,m0.4,6/90,earthModelID quakeml.us.anss.org/earthmodel/ak135

ISC 14:19:13.50:2.0,3,11:16S;0:05:166:44E;0:06,h146km,n146,e103/145,mb4.6/61,1D,Santa Cruz Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like HNR, HNR, HNR, etc.



14d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like Zalesov Array, Zalesovo Beam, Makanchi Array, Borovoye Array, etc.

NIC 14 19:19:08.0-0.0, 35.34N, 31.78E, h78km, 3km, ML2.8/6
ISK 14 19:19:12.3, 35.39N, 31.71E, h10km, ML2.7/14
DDA 14 19:19:12.5, 35.35N, 31.67E, h13km, 3km, ML3.1
ISC 14 19:19:13.6-1.2, 35.35N, 0.04-31.75E, 0.04, h13km, 10km, n37, r:1803/51, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like Akamas, Kurbatov Arra, Danng Danging, etc.

IDC 14 19:28:19.8-0.7, 37.33N, 69.70E, h0km, mb3.8/12, mb1.4/0.18, mb1mx3.8/46, mbmp3.9/18, ML3.8/5, MS3.3/4, Ms1.3/2.4, ms1mx2.8/40, Error ellipse: s-maj=15.3km

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s-min=13.9km az=138.0
ISCJB 14 19:28:21.5-0.4, 37.36N, 0.04-69.54E, 0.05, h27km, mb3.8/11, MS3.3/3, Error ellipse: s-maj=6.0km
s-min=5.3km az=38.0
NINC 14 19:28:24.1-2.4, 37.62N, 69.55E, h0km, mb4.4, mpv4.0, Error ellipse: s-maj=24.8km s-min=17.2km az=169.0
ISC 14 19:28:23.9-0.5, 37.35N, 0.05-69.64E, 0.06, h27km, n51, r:170/50, mb3.8/11, MS3.2/3, 7C-6D,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Includes stations like Chirah Chowk, Karatay Array, Kurbatov Arra, etc.

ISCJB 14 19:35:17.5-0.4, 46.18S, 0.06-33.8E, 0.1, h10km, mb4.2/11, MS4.0/11, Error ellipse: s-maj=11.9km
s-min=7.5km az=161.1
IDC 14 19:35:17.0-0.6, 46.23S, 33.79E, h0km, mb4.3/11, mb1.4/4.13, mb1mx4.1/29, mbmp4.4/13, ML5.0/2, MS3.9/10, Mb1.3/9.10, ms1mx3.7/23, Error ellipse: s-maj=30.5km s-min=13.4km az=68.0
NEIC 14 19:35:18.8-1.1, 46.1S, 0.1:33.74E, 0.07, h10km, 1km, mb4.6/17, earthModellID
quakeml.us.anss.org/earthmodell/ak135
GCMT 14 19:35:23.0-0.3, 46.12S, 0.02-33.75E, 0.03, h25km, 1km, MW5.1/94, Moment Tensor Solution. s37,c43; s94,c124; Duration: 0 Moment tensor: Scale: 1016Nm; M0:0.31e21; Mw:3.52; 18; Mw:3.24; 17; Mw:2.51; 36; Mw:3.29; 14; Mw:1.58; 38; Best double couple: Ms5.58300x1016 NP1=292.00000, 866.00000, -3.200000; NP2: 0a25.00000, 858.00000, -1.7500000. Principal axes: T: 5.4610, P1g18.00000, Azm344.00000; N: 0.2450, P1g58.00000, Azm105.00000; P: -5.7060, P1g25.00000, Azm244.00000; nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function
ISC 14 19:35:19.2-0.5, 46.13S, 0.08-33.8E, 0.1, h10km, n57, r:126/46, mb4.5/15, MS3.8/11, 2C, Prince Edward Islands region

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

IDC 14 20:00:28.1-3.9, 9.713S, 125.33E, h391km, 46km, mb3.0/2, mb1.3/4, mb1mx2.8/20, mbtmp4.0/4, Error ellipse: s-maj=119.5km s-min=15.4km az=62.0, Banda Sea

0280.00000°, 865.00000°, λ-165.00000°. Principal axes: T 2.3850, Plg7.0000, Azm233.0000; N -0.5600, Plg61.0000, Azm337.0000; P -1.8250, Plg28.0000, Azm139.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14.20:02:12.7±0.3, 52:13N, 0:06:30.03W, 0:04, h10km, n318, c1506/292, mb4.6/148, MS4.0/37.21C-19D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AzZ, Phase ID, ISC Op, ISC Pn, Time h m s, Res ISC, and various station codes like NRS, BORG, DRLN, etc.

Table with columns: Station Name, Time, Res, and various station codes like TUE, DAVOX, DAVOX, etc.

Table with columns: Station Name, Time, Res, and various station codes like KEST, IZAR, IZAR, etc.

14d 20h

Table with columns for station name, coordinates, and various parameters. Includes stations like Leonard, Gaziantep, Arti, etc.

2013 SEP

Table with columns for station name, coordinates, and various parameters. Includes stations like YAK, AAK, BTK, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like Port Moresby, Port Moresby, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like FITZ Fitzroy Crossi, BATI Baumata, WRKA Warakurna, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PWJI Pagerwojo, KLBRR Kellerberrin, MORW Morawa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TRTT Trang, CHAI Chaiyaphum, GYAI Guiyang, etc.

14d 20h

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Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like SHL Shilong, TAWA Tawang, LSA Lhasa, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like BCAR Beaver Creek A, TOLK Toolik Lake Re, HYT Haines Junction, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like PFO Pinyon Flats O, PFO Pinyon Flats O, TPFO Pinon Flats, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WATA, WTTA, MOTA, FETA, ROSC, etc.

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

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

IDC 14 21:31:25.10.1, 22:05S-178.16W, h319km, g8km, mb2.9, mb1 3.2/5, mb1mx3.0/3.0, mbtmp3.7/5, Error ellipse: s-maj=43.6km s-min=38.5km az=82.0, South of Fiji Islands

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

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

ISCJB 14 21:31:39.2.0.5, 25:56S:0:05:13:61W:0:06, h10km, mb4.2/2.9, MS3.9/17, Error ellipse: s-maj=8.8km s-min=6.4km az=43.7

IDC 14 21:31:39.2.0.5, 25:56S:13:58W, h0km, mb4.1/2.1, mb1mx4.2/2.8, mbtmp4.1/2.1, MS3.9/17, Ms1.3/9.17, ms1mx3.8/2.1, Error ellipse: s-maj=17.6km s-min=13.4km az=155.0

NEIC 14 21:31:40.4.1.2, 25:52S:0:10:13:59W:0:09, h10km, 4km, mb4.6/3.8, earthModellID 24261:us.anss.org/earthmodel/ak135

ISC 14 21:31:40.9.0.4, 25:54S:0:08:13:62W:0:08, h10km, n95, e1927/89, mb4.5/43, MS3.9/17, 4C-3D, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHEL, ASCN, WIN, etc.

ISC 14 21:31:40.9.0.4, 25:54S:0:08:13:62W:0:08, h10km, n95, e1927/89, mb4.5/43, MS3.9/17, 4C-3D, Southern Mid-Atlantic Ridge

ISC 14 21:31:40.9.0.4, 25:54S:0:08:13:62W:0:08, h10km, n95, e1927/89, mb4.5/43, MS3.9/17, 4C-3D, Southern Mid-Atlantic Ridge

SOME 14 20:54:03.7.39, 32N:76:83E, h10km, KRNET 14 20:54:12.4.0.1, 39:56N:76:61E, mb3.2, NNC 14 20:54:25.6.10.0, 40:09N:76:46E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=81.1km s-min=71.0km az=20.0

ISC 14 20:54:21.3.3.3, 39.9N:01:76.48E, h5km, 14km, n32, e231/54, 17C-13D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NRN, NRN, KDJ, KDJ, ULHL, ULHL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHEL, ASCN, WIN, etc.

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NB2, NB2, NOA, etc.

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

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

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

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

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

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

IDC 14 21:40:55.1.2.0, 38:18N:142:78E, h0km, mb3.6/2, mb1 3.6/5, mb1mx3.4/3.9, mbtmp3.5/5, ML2.6/3, MS2.9/1, Ms1 2.9/1, ms1mx2.2/3.1, Error ellipse: s-maj=39.5km s-min=24.4km az=93.0

ISCJB 14 21:41:00.3.1.2, 38:30N:142:22E:0:07, h32km, 5km, mb3.5/2, Error ellipse: s-maj=10.3km s-min=5.3km

NIED 14 21:41:00.3.0.1, 38:30N:142:20E, h29km, Mw3.5, Best double couple: M1.680000, N1.680000, lambda=66.00000, lambda=66.00000, NP2:phi=203.00000, delta=83.00000, lambda=98.00000

JMA 14 21:41:00.3.0.1, 38:30N:142:23E, h38km, Mw3.8, M3.8, ISC 14 21:41:00.0.2.1, 38:27N:105:142:23E:0:09, h24km, 13km, n26, e1931/33, Near east coast of eastern Honshu

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

14d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ, USRK, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, MKAR, WRA.

MEX 14 21:49-59.4.0.7, 14.71N, 92.07W, h84km, 5km, MD3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THIG, THIG, PCIG, CCIG, TGIG, TGIG.

NIED 14 22:43:00.37.70N, 140.00E, h5km, Mw3.7 Best double couple...

IDC 14 22:43:02.9.0.8, 37.69N, 140.12E, h0km, mb3.6/6, mb1 3.7/8...

ISCJB 14 22:43:04.9.0.5, 37.68N, 140.03, 139.97E, 0.03, h12km, 4km, mb3.6/6...

JMA 14 22:43:05.2, 37.68N, 139.94E, h8km, 1km, M3.5

Broadband fault plane solution: P waves: NP1: 15.00000, 8.770000, 1.370000...

JMA Felt IV J1

ISC 14 22:43:05.2.0.9, 37.68N, 140.03, 139.95E, 0.03, h12km, 7km, n29, c0.86/35, mb3.5/6, 6C-6D, Eastern Honshu

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYAR, JYAR, JFY, JFY, JFT, JFT, JNS, JNS, JYS, JYS, JMM, JMM, JJK, JJK, JHK, JHK, JOU, JOU, JYA, JYA, JAW, JAW, JIZ, JIZ, MJAR, MJAR, MAT, MAT, ASAJ, ASAJ, KRSR, KRSR, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, ZALV, ZALV, MKAR, MKAR, ILAR, ILAR, WRA, WRA, ASAR, ASAR, NVAR, NVAR, LPAZ, LPAZ.

IDC 14 22:50:21.7.5.5, 22.75S, 179.24W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/2, mbtmp3.6/2, Error ellipse: s-maj=280.5km s-min=58.2km az=154.0, South of Fiji Islands

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

WEL 14 22:54:56.5, 42.52S, 17.47E, h13km, 2km, M3.3/16, ML3.6/12, MLV3.3/16, Error ellipse: s-maj=0.0km s-min=0.0km az=169.5, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMWZ, BSWZ, TUWZ, TCW, BHW, NNZ, KHZ, THZ, PLWZ, DUWZ, MSWZ, CAW, PAWZ, MTW.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OGWZ, TRWZ, HOWZ, GVZ, GRZ, TMWZ, MRZ, LTZ, AMWZ, PRWZ, MOZ, OKCZ, DVHZ, INZ, TSZ, PKWZ, PNHZ, BHHZ, KRHZ, RPZ, MCHZ, ODZ.

ISCJB 14 23:08:31.8.1.7, 14.0N, 0.1, 91.62W, 0.09, h61km, Error ellipse: s-maj=23.2km s-min=6.2km az=29.6

GCG 14 23:08:33.9.1.0, 14.04N, 91.49W, h40km, 999km, MD3.5

MEX 14 23:08:33.0.6, 13.92N, 91.63W, h20km, MD3.7

ISC 14 23:08:32.0.2.4, 14.0N, 0.2, 91.61W, 0.09, h61km, n7, c0.78/11, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STG3, FUG, THIG, THIG, IXG, MOYJ, MOYG, MOYJ, PCIG, CCIG.

JMA 14 23:09:30.3.0.1, 24.78N, 123.49E, h22km, M1.3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IRIF, IRIF, YOJ, YOJ, JYNG, JYNG, JKRS, JKRS, JIJ, JIJ, JISG, JISG, JTJ, JTJ.

TAP 14 23:29:34.6, 23.79N, 121.70E, h25km, ML1.7, 1D, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESL, ESL, EGFH, EGFH, TWD, TWD, HGSD, HGSD, NACB, NACB, ETHL, ETHL, VWDT, VWDT, WHF, WHF, YULB, YULB, CHGB, CHGB, TWF1, TWF1, ENA, ENA, NANS, NANS, SSSL, SSSL, NNSB, NNSB, NNS, NNS.

NIED 14 23:19:00.36.60N, 141.01E, h41km, Mw3.6 Best double couple: M3, 180000, 1.4, NP1: 158.00000, 333.00000, 1.4, 114.00000, NP2: 291.00000, 666.00000, 1.1, 114.00000

IDC 14 23:19:45.8.1.3, 36.40N, 141.36E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/29, mbtmp3.5/5, ML2.6/1, Error ellipse: s-maj=35.0km s-min=27.4km az=80.0

ISCJB 14 23:19:50.2.0.9, 36.55N, 141.11E, 0.08, h45km, 8km, mb3.5/4, Error ellipse: s-maj=11.2km s-min=5.8km az=25.4

JMA 14 23:19:51.6.0.1, 36.58N, 140.99E, h47km, 1km, M3.7

Broadband fault plane solution: P waves: NP1: 182.00000, 884.00000, 1.24, 0.00000, NP2: 675.00000, 866.00000, 1.73, 0.00000, Principal axes: T Plg12.0000, Azm231.0000, P Plg65.0000, Azm349.0000, P Plg21.0000, Azm136.0000

JMA Felt II J1

ISC 14 23:19:50.6.1.6, 36.56N, 141.14E, 0.08, h32km, 9km, n22, c0.94/28, mb3.6/4, 3C-7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHO, JHO, JHYU, JHYU, ONAJ, ONAJ, JFFD, JFFD.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYFD, JYFD, JYF, JYF, JFT, JFT, JMM, JMM, JAG, JAG, JFY, JFY, MJAR, MJAR, MAT, MAT, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S2, H1S2, ZALV, ZALV, ILAR, ILAR, WRA, WRA, ASAR, ASAR.

ISCJB 14 23:35:58.6.0.4, 6.82N, 0.02, 73.09W, 0.03, h152km, 4km, mb2.9/1, Error ellipse: s-maj=4.9km s-min=3.4km az=24.4

IDC 14 23:35:59.0.0.8, 6.76N, 72.97W, h155km, 10km, mb2.7/1, mb1 3.5/4, mb1mx3.1/35, mbtmp3.8/4, Error ellipse: s-maj=37.0km s-min=7.5km az=134.0

RSNC 14 23:36:00.9.1.1, 6.80N, 73.13W, h141km, 5km, ML3.4, Mw3.5

ISC 14 23:35:59.7.0.9, 6.82N, 0.03, 73.08W, 0.04, h148km, 6km, n33, c1.96/63, 4C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC, BARC, PAMC, PAMC, BRRC, BRRC, RUSC, RUSC, TAME, TAME, PTBC, PTBC, OCAC, OCAC, SPBC, SPBC, ZARC, ZARC, NORC, NORC, SMLC, SMLC, CHIC, CHIC, ROSC, ROSC, UREC, UREC, VILC, VILC, GUYZ, GUYZ, RREF, RREF, CBOC, CBOC, CODC, CODC, SDV, SDV, ARGC, ARGC, PRAC, PRAC, ORTC, ORTC, SJCC, SJCC, PLMC, PLMC, GUVZ, GUVZ, MACC, MACC, PCRV, PCRV, TXAR, TXAR, ASAR, ASAR.







Table with 10 columns: Call sign, Name, Frequency, Power, Mode, and various other parameters. Rows include stations like ZAK, MOY, TIA, HHC, YKA, etc.

2013 SEP

Table with 10 columns: Call sign, Name, Frequency, Power, Mode, and various other parameters. Rows include stations like G05D, HLP, C09A, HAWA, KBO, etc.

15d 0h

Table with 10 columns: Call sign, Name, Frequency, Power, Mode, and various other parameters. Rows include stations like BEKR, MFID, EGMT, EGMT, PAHR, etc.

15d Oh

2013 SEP

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HWUT, HAMF, R11A, PKM, ISA, DUG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PFO, Pinyon Flats O, TPFO, Pinon Flats, SFJD, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Q24A, Divide, Q24A, KLIMR, KLIMR, etc.



Table with columns for race number, name, distance, time, and status. Includes entries like DELO Deloro Mine, N49A Columbus Grove, N49A Columbus Grove, DRWO Darlington Wes, etc.

Table with columns for race number, name, distance, time, and status. Includes entries like O51A Pataskala, F61A St Evariste, H58A Gabriels, H59A Cadyville, etc.

Table with columns for race number, name, distance, time, and status. Includes entries like M57A Sunshine Farm, M57A Sunshine Farm, R52A Gattsbury, HKT Hockley, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like COEN, R56A, CPCT, P58A, KAPI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BTNK, X53A, CLL, CLM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like LANS, V58A, W58A, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like LHMI, BCLA, KVC, KHC, KASPERSKA HORY, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like CDF, HURM, BZS, CTCTA, CTCTA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BBSL, EDRB, UDBI, BGF, BGF, etc.





15d Oh

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Q16A Castle Valley, GLA Glamis, RDMU Red Mountain, etc.

IDC 15 00:32:54.9-5.4, 2.88S:150.26E, h0kmi, mb3.6/3, mb1 3.9/3, mb1mx3.5/36, mbtmp3.6/3, Error ellipse: s-maj=168.9km s-min=33.4km az=102.0, New Ireland regio

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.

ROM 15 00:34:00.7-0.1, 43.450N:0.004-12.352E, 0.005, h3km, MLO.9/8, Error ellipse: s-maj=0.5km s-min=0.2km az=231.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATPI Pietralunga, ATVO AVT-Monte Val, CDCA Citt' di Caste, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATFO comp=E,41um,0.4s, ATFO comp=N,51um,0.5s, etc.

JMA 15 00:38:27.8-0.2, 34.46N:141.76E, h26km, 1km, M3.8, ISCJJB 15 00:38:30.8-0.2, 34.65N:141.53E:0.04, h27km, mb4.3/49, MS4.1/5, Error ellipse: s-maj=5.3km s-min=3.8km az=151.3

IDC 15 00:38:33.7-2.6, 34.55N:141.38E, h38km, 22km, mb3.9/25, mb1 4.0/23, mb1mx3.9/58, mbtmp4.1/26, ML2.8/3, MS3.6/1, ms1 3.6/1, ms1mx3.0/39, Error ellipse: s-maj=15.6km s-min=12.7km az=106.0

BUI 15 00:38:33.0-0.0, 34.96N:141.41E, h36km, mb4.7/23, mb4.8/13, MS4.5/9, MS7.4/9, NEIC 15 00:38:34.6-2.0, 34.86N:107.141.68E:0.06, h39km, 6km, mb4.5/64, earthModelID

quakeml: us.anss.org/earthmodel/ak135 MOS 15 00:38:34.7-0.8, 35.18N:141.57E, h39km, mb4.6/26, Error ellipse: s-maj=10.4km s-min=6.2km az=109.8

ISC 15 00:38:32.4-0.4, 34.72N:141.55E:0.05, h27km, n190, r153/200, mb4.5/63, MS4.2/5, 4C-5D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, CHOI Chosi, JMKN Mikurajimanish, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, TGY Tagaytay City, SONAO Songino Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Alice Springs, Alibek, Alibek Array, Klimovskoe, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like DANN Dangsing, KOLN Koldanda, GUN Gumba, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Edirne-Kesan, KESN KESN, OUR OUR, etc.

Table of satellite data for the 15d 2h period, including columns for station name, elevation, azimuth, and other parameters.

Table of satellite data for the 2013 SEP period, including columns for station name, elevation, azimuth, and other parameters.

ISC/JB 15 02:10:50.0:5.0:25.58S:0.0:03:178.85W:0.0:03, h360km, 5km, mb4.6/48, Error ellipse: s-maj=5.4km s-min=3.6km az=41.3

Table of satellite data for the 2013 SEP period, including columns for station name, elevation, azimuth, and other parameters.

Table of satellite data for the 824 period, including columns for station name, elevation, azimuth, and other parameters.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SBA Scott Base, MSAL Masol, KLRB Kellerberrin, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GMRC Granite Mounta, HSIG 5408, K02D Willamette Me, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CHTO Chiang Mai, TRF Thorfare Moun, S22A 4UR Ranch, etc.

Table with columns: Station Name, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANTIAGO ISLAN, KASPERSE HORY, GERESS Array B, CONRAD OBSERVA, etc.

IDC 15 02:16:58.72.2.33.75N:141.73E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.3/46, mbtmp3.3/3, ML2.21, MS3.0/3, Ms1 3.0/3, ms1mx2.5/38, Error ellipse: s-maj=36.7km

s-min=26.4km az=63.0, 0.2, 0.3, 74N:105.141.90E:0.1, ISCJB 15 02:16:00.0.0.2.374N:105.141.90E:0.1, h30km, 20km, mb3.5/2, MS3.3/2, Error ellipse: s-maj=13.3km

s-min=8.1km az=177.5, JMA 15 02:16:59.0.3.33.76N:141.84E, h19km, M3.5, ISC 15 02:16:59.2.3.7.3378N:106.141.84E:0.09, h11km, 23km, n21, r1c20/25, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSO 1, BOSO 3, BOSO 4, BOSO 4, etc.

MEX 15 02:19:23.0.0.8.14.57N:92.02W, h86km, 9km, MD3.8, GCG 15 02:19:37.9.18.0.14.76N:91.62W, h17km, 99km, MD3.7, ISC 15 02:19:24.6.1.5.15.20N:100.07.91.79W, h22km, 18km, n17, r1c20/22, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANTIAGUITO 3, THIG, COMITAN, FUEGO 3, etc.

IDC 15 02:33:41.3.0.9.4.65S:133.54E, h0km, mb4.0/7, mb1 4.2/12, mb1mx4.0/42, mbtmp4.1/12, MS3.5/6, Ms1 3.4/6, ms1mx3.0/33, Error ellipse: s-maj=38.7km

s-min=18.9km az=70.0, ISCJB 15 02:33:42.8.0.4.4.73S:103.133.56E:0.06, h21km, mb3.9/7, MS3.4/4, Error ellipse: s-maj=8.0km s-min=4.9km az=178.8

DJA 15 02:33:42.6.0.5.4.S:13.4E, h54km, 41km, M4.7/9, mb5.2/4, mb4.8/4, MLV4.6/9, Mw(mb)4.6/4, NEIC 15 02:33:46.7.1.7.4.65S:101.103.81E:0.10, h33km, 6km, mb4.2/7, earthModelID

cvakumituus.anss.or.earthmodelid135, ISC 15 02:33:43.4.0.7.4.65S:103.133.56E:0.08, h21km, n48, s368/46, mb3.9/9, MS3.3/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, BNDI, SRPI, BAKI, SJIJ, etc.

Table with columns: Station Name, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NLAI, GANI, SENI, SANANA, MTN, SOEI, KNRA, KUNURRA, etc.

IGIL 15 02:35:10.7.37.40N:15.70W, h19km, ML3.0, MDD 15 02:35:12.6.2.4.37.73N:15.31W, h0km, mb3.9/20, Error ellipse: s-maj=22.5km s-min=17.4km az=46.0, PRXIMO INMG 15 02:35:14.7.2.6.37.82N:15.71W, h10km, ML2.9, Error ellipse: s-maj=8.5km s-min=7.5km az=82.0

ISC 15 02:35:05.7.2.2.37.61N:0.06:15.6W:0.1, h10km, n53, s380/95, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PORTO SANTO, PMPST, PMPFS, PMAFR, etc.

IGIL 15 02:35:10.7.37.40N:15.70W, h19km, ML3.0, MDD 15 02:35:12.6.2.4.37.73N:15.31W, h0km, mb3.9/20, Error ellipse: s-maj=22.5km s-min=17.4km az=46.0, PRXIMO INMG 15 02:35:14.7.2.6.37.82N:15.71W, h10km, ML2.9, Error ellipse: s-maj=8.5km s-min=7.5km az=82.0

ISC 15 02:35:05.7.2.2.37.61N:0.06:15.6W:0.1, h10km, n53, s380/95, Azores-Cape St. Vincent Ridge

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

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

ISCJB 15 02:41:53.1.0.5.67.76N:0.02:33.50E:0.08, h0km, Error ellipse: s-maj=4.4km s-min=3.4km az=164.1

NAO 15 02:41:53.5.1.5.67.37N:33.37E, ML3.0, KOLA 15 02:41:54.3.7.67.68N:33.7E, h0km, HEL 15 02:41:54.2.0.1.67.68N:33.64E, h0km, ML2.5, Explosion IDC 15 02:41:56.1.1.8.67.73N:33.53E, h0km, mb1 3.4/5, mb1mx3.1/55, mbtmp3.4/5, ML2.4/4, Error ellipse: s-maj=18.9km s-min=8.9km az=83.0

ISC 15 02:41:53.9.0.7.67.69N:0.04:33.70E:0.04, h0km, n34, s188/63, Baltic States-Belarus-Northwestern Russia

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARAO ARCESS Array S, HEF Hetta, JOF Joensuu, etc.

IDC 15 02:43:21.8±2.0, 121.16N, 144.40E, h61km, 18km, mb3.6/11, mb1 3.8/11, mb1mx3.5/44, mbtmp3.9/11, MS2.9/1, Ms1 3.1/1, ms1mx2.5/34, Error ellipse: s-maj=28.8km s-min=15.1km az=103.0

ISC 15 02:43:18.1±1.0, 122.2N, 0.1x144.4E, 0.2, h29km, n18, o#93/13, mb3.9/11, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H11S3 WAKE ISLAND, H11S1 WAKE ISLAND, etc.

ISCJB 15 03:02:40.7±0.3, 23.51N, 0.01x121.65E, 0.02, h31km, 1km, Error ellipse: s-maj=2.7km s-min=1.8km az=35.0

JMA 15 03:02:40.8, 23.53N, 121.60E, h39km, ML3.0, C

TAP 15 03:02:40.7±0.1, 23.53N, 121.62E, h32km, 2km, M2.6

ISC 15 03:02:40.7±1.0, 23.53N, 0.02x121.62E, 0.02, h31km, 9gkm, n83, o#576/155, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HGSD Ruisui, EGFH Guangfu, EHY Hungye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWF1 Ninganchiao, HWA Hwalien, CHKT Chengkung, etc.

IDC 15 03:18:56.3±2.0, 8.30N, 103.67W, h0km, mb3.6/6, mb1 4.0/7, mb1mx3.8/30, mbtmp3.7/7, ML3.7/1, MS3.2/8, Ms1 3.2/8, ms1mx3.0/22, Error ellipse: s-maj=66.4km s-min=25.9km az=53.0

ISCJB 15 03:19:00.2±1.5, 8.4N, 0.2x103.67W, 0.2, h33km, mb3.7/5, MS3.2/4, Error ellipse: s-maj=31.3km s-min=18.0km

ISC 15 03:18:02.0±1.6, 8.4N, 0.2x103.5W, 0.2, h35km, n14, o#887/7, mb3.8/5, MS3.1/4, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like STYT Tauyuan, ENA Nanau, NANB Nanb, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YHNB Yeheng, NSY San, NSY Chengkung, etc.

IDC 15 03:18:56.3±2.0, 8.30N, 103.67W, h0km, mb3.6/6, mb1 4.0/7, mb1mx3.8/30, mbtmp3.7/7, ML3.7/1, MS3.2/8, Ms1 3.2/8, ms1mx3.0/22, Error ellipse: s-maj=66.4km s-min=25.9km az=53.0

ISCJB 15 03:19:00.2±1.5, 8.4N, 0.2x103.67W, 0.2, h33km, mb3.7/5, MS3.2/4, Error ellipse: s-maj=31.3km s-min=18.0km

ISC 15 03:18:02.0±1.6, 8.4N, 0.2x103.5W, 0.2, h35km, n14, o#887/7, mb3.8/5, MS3.1/4, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, HOGEI EL APARRO, APG El Aparro, etc.

IDC 15 03:47:33.0±10.0, 30.99S, 179.65W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.6/16, mbtmp3.5/2, Error ellipse: s-maj=459.5km s-min=66.9km az=157.0, Kermadec Islands region

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



Table with columns: X40A, 113A, ANMO, X16A, X16A, PFO, MGMO, SDCO, CBKS, PV01, OV03, P20A, NVAR, PD31, PDAR, PINE, HO4A, ILAR. Includes station names, coordinates, and various parameters.

NIED 15 05:15:00,24.20N,126.00E,h11km,Mw4.2 Best double couple: M2.43000x1015 NP1.3x260.00000, 326.00000, 1.122.00000, NP2.0x45.00000, 368.00000, 0.75.00000...

Main table listing stations (Code, Station Name, Az, Az', Phase, ID, Time, Res) and their corresponding seismic data.

Main table listing stations (Code, Station Name, Az, Az', Phase, ID, Time, Res) and their corresponding seismic data.

Main table listing stations (Code, Station Name, Az, Az', Phase, ID, Time, Res) and their corresponding seismic data.



Table with 5 columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WZK Wanaka, SYZ Scrubby Hill, CTZ Chatham Island.

ISCJB 15 05:57:34.3-0.9, 14.33N:0.09-91.93W:0.08, h73km, 6km, Error ellipse: s-maj=18.5km s-min=4.5km az=40.8

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ERG Entre ros, C, S33 Santiago 3, THIG Fuego 3.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MOYG Moyuta, Jutiap, CCIG Comitán, CCIG Comitán.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SNJE San Jose, TGIG Serv Nac Est T, SNET Serv Nac Est T.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LCNLD La Caada, TGUH Tegucigalpa, UN Estel, TEIG Tepich.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WCI Wyandotte Cave, GCMT Greycliff, SKT Swintna.

ISCJB 15 05:58:12.9-0.7, 35.43N:0.04-96.55W:0.03, h1km, 6km, Error ellipse: s-maj=7.4km s-min=3.6km az=175.3

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like OK005 Luther M Schoo, OK001 Jones High Sch, ADOK Arcadia Dam.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WMOK Wichita Mounta, WMOK Wichita Mounta, U32A Winter Ranch.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like W39A Magazine, W39A Magazine, HHAR Hobbs.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MIAR Mount Ida, MIAR Mount Ida, U40A Yellville.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like W41B Gary Mavity, W41B Gary Mavity, FCAR Ozark Folk Cen.

ISCJB 15 05:59:52.1-1.5, 13.4N:0.3-90.2W:0.1, h66km, 36km, Error ellipse: s-maj=48.1km s-min=6.6km az=25.7

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MOYG Moyuta, MOYG Moyuta, CEVE Cerro Verde.

Table with 5 columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like RTR El Retiro, RTR San Jose, IXG Ixcapaco.

ISCJB 15 06:04:34.0-0.3, 33.16S:0.03-69.86W:0.05, h127km, 2km, mb4.2/9, Error ellipse: s-maj=6.3km s-min=4.5km az=7.5

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga.

ISCJB 15 06:04:34.0-0.3, 33.16S:0.03-69.86W:0.05, h127km, 2km, mb4.2/9, Error ellipse: s-maj=6.3km s-min=4.5km az=7.5

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FCH Farellones, FCH Farellones, FCH Farellones.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CLCH Cerro Calan, CLCH Cerro Calan, CLCH Cerro Calan.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ANTU Antumapu, ANTU Antumapu, ANTU Antumapu.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AAGR Agrelo, AAGR Agrelo, ASAL Salagata.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ROCH El Roble, ROCH El Roble, ROCH El Roble.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AMOG Mogna, AMOG Mogna, AMOG Mogna.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like G005 Huala, G005 Huala, G005 Huala.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like VNA3 Neumayer Olymp, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz.

Table with 5 columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SYO Syowa Base, LTX Lajitas, TXAR Lajitas Array.

ISCJB 15 06:07:33.8-0.6, 9.19S:0.06-118.88E:0.05, h102km, mb3.8/1, Error ellipse: s-maj=9.2km s-min=6.1km az=40.5

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WBSI Waikabak, Su, WBSI Waikabak, Su, WBSI Waikabak, Su.

ISCJB 15 06:07:34.3-0.8, 9.21S:0.18-89.87E:0.04, h102km, mb3.5/2, mb1.3/6.6, mb1mx3.3/4.2, mbtmpr3.7/6, ML3.5/4, Error ellipse: s-maj=42.1km s-min=13.9km az=65.0

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WAI Waingapu, WAI Waingapu, WAI Waingapu.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Waramunga Arr, WRA Waramunga Arr, WRA Waramunga Arr.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SJA 15 06:10:06.8-0.3, SJA 15 06:10:07.5-1.6, SJA 15 06:10:07.2-0.6.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MNMC Minye Minye, MNMC Minye Minye, MNMC Minye Minye.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like G001 Chuzmiza, G001 Chuzmiza, G001 Chuzmiza.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AEIC 15 06:16:40.8-2.8, AEIC 15 06:16:40.4-0.9.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GALEA Gareloi Lava P, GALEA Gareloi Lava P, GALEA Gareloi Lava P.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KIMD Kanaga Island, KIMD Kanaga Island, KIMD Kanaga Island.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KOKL, KOPF, NIKH, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AKASG, BURAR, GECZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other parameters. Includes stations like TPP, TBH, GRGR, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like URZ, WRA, ASAR, etc.

ISCU 15 06:55:19.7-0.3, 43.43N-0.02-74.92E, h0km, Error ellipse: s-maj=3.1km s-min=2.0km az=164.9

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SGDS, DGS, ARXS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KUU, EKS2, EKS2, etc.



Table with columns: Station Name, Time, Res, and other data. Includes stations like BOSA Boshof, OBN OBN, VNA3 YKA, etc.

Table with columns: Station Name, Time, Res, and other data. Includes stations like P56A Dayton Farm, X48A Hartselle, O59A Lewisberry, etc.

Table with columns: Station Name, Time, Res, and other data. Includes stations like U58A Oxford, GOGA Godfrey, Z53A Monticello, etc.

Table with columns: Code, Station Name, Time, Res, and other data. Includes stations like CRCH Chaqaral, G002 Mina Guanaco, etc.

Table with columns: Code, Station Name, Time, Res, and other data. Includes stations like PMG Port Moresby, WRA Warunga Ar, etc.

Table with columns: Code, Station Name, Time, Res, and other data. Includes stations like E0S1 E0S1, TWB1 Santiao Chiao, NTC Toucheng, etc.

Table of seismic events with columns for station code, station name, magnitude, time, and location. Includes stations like YM01, YM08, YM10, etc.

Table of seismic events with columns for station code, station name, magnitude, time, and location. Includes stations like YUS, JJJ, ALS, CHNS, etc.

Table of seismic events with columns for station code, station name, magnitude, time, and location. Includes stations like SKI, SKTB, NVRH, etc.

Table with header 'MAN 15 08:54:58.1, 15.85N:120.32E, h69km, mb3.9, ML2.7, MS2.3, Luzon' and columns for code, station name, magnitude, time, and location.

Table with header 'IDC 15 09:06:39.9, 0.5, 2.95S: 129.41E, h0km, mb4.5/2.0, mb1 4.6/2.3, mb1mx4.5/3.5, mbtmp4.6/2.3, ML4.6/3, MS3.8/1.5, MS1 3.8/1.5, ms1mx3.6/2.7, Error ellipse: s-maj=15.2km s-min=11.1km az=71.0' and columns for code, station name, magnitude, time, and location.

Table with header 'MAN 15 08:47:14.2, 1.5, 49.14N:156.61E, h3km, mb3.1km, ML4.0, Kuril Islands' and columns for code, station name, magnitude, time, and location.

Table with header 'MAN 15 08:44:41.9, 11.27N:125.69E, h20km, mb3.9, ML2.6, MS2.2, ID, Samar' and columns for code, station name, magnitude, time, and location.

Table with header 'MAN 15 08:47:14.2, 1.5, 49.14N:156.61E, h3km, mb3.1km, ML4.0, Kuril Islands' and columns for code, station name, magnitude, time, and location.

Table with header 'TRN 15 08:48:43.3, 18.09N:63.73W, h161km, MD3.5, Leeward Islands' and columns for code, station name, magnitude, time, and location.

Table with header 'TRN 15 08:50:50.6, 18.07N:62.11W, h20km, MD3.6, Leeward Islands' and columns for code, station name, magnitude, time, and location.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BKNI, MORW, QIZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TLY, WMQ, PEAOB, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ, DDA, KURC, etc.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Rows include stations like 214A Organ Pipe Nat, 435B Jarrell, 435B AMTX, etc.

Table with columns: RSSD, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Rows include stations like Black Hills, French Village, Pickwick Lake, etc.

Table with columns: Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Rows include stations like Midewin, Midew, M44A Midewin, etc.

Table with columns for ID, Name, Time, Date, Location, Status, and other details. Includes entries like E38A The Farm, Brul; AGMN Agassiz Nation; COR Corvallis; L47A Sherwood; etc.

Table with columns for ID, Name, Time, Date, Location, Status, and other details. Includes entries like A04D Lummi Island; Q56A Snyder Ridge; N54A Moraine State; etc.

Table with columns for ID, Name, Time, Date, Location, Status, and other details. Includes entries like IMAR Indian Mountain; PTGA Pung; SAML Samuel; etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BSO3 Boso 3, BSO4 Boso 4, JHU Hanno, etc.

ISCJB 15 09:58:57.3:0.4, 5:02S:0:06:80:95W:0:07, h43km, mb3.7/9, Error ellipse: s-maj=11.3km s-min=5.9km

ISC 15 09:59:01.4:2.9, 5:01S:0:07:78W, h67km, 28km, mb3.5/9, mb1.3/13, mb1mx3.6/32, mbtmp3.9/13, ML3.7/4, MS3.2/3, Ms1.3/2.3, ms1mx2.9/17.3, Error ellipse: s-maj=27.2km s-min=18.2km az=55.0

NEIC 15 09:59:01.3:1.1, 4.91S:0:09:80:90W:0:09, h59km, 7km, mb4.5/42, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 15 09:58:59.1:0.5, 4.98S:0:08:80:95W:0:09, h43km, n64, r122/59, mb4.4/26, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ATAH Atahualpa, ATAV Otavalo, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like G08A Pilot Rock, VNA1 Neumayer Olymp, etc.

ISC 15 10:16:28.7:2.7, 22:35S:170:26E, h0km, mb3.2/2, mb1.3/5, mb1mx3.4/22, mbtmp3.3/3, ML3.4/1, Error ellipse: s-maj=124.5km s-min=38.7km az=170.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, etc.

ISC 15 10:26:49.3:1.8, 29:86S:179:48W, h344km, 17km, mb3.4/5, mb1.6/6, mb1mx3.4/18, mbtmp4.2/6, Error ellipse: s-maj=25.9km s-min=15.1km az=161.0

ISCJB 15 10:26:50.7:0.6, 29:97S:0:04:179:5W:0:1, h362km, mb3.5/5, Error ellipse: s-maj=13.0km s-min=5.7km az=2.7

ISC 15 10:26:50.2:0.7, 29:97S:0:06:179:4W:0:1, h362km, n49, r22/63, mb3.6/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, RAOU Raou Island, MXZ Mataoka Point, etc.

NIED 15 10:48:00.24:00N:122:30E, h56km, Mw3.6 Best double couple: M3.15000:1014 NP15:55.00000:0.81.00000:0.3.00000: NP2:325.00000:0.88.00000:0.171.00000: ISCJB 15 10:48:05.5:0.6, 23:94N:0:01:122:32E:0:01, h12km, 4km, mb3.6/7, MS3.1/1, Error ellipse: s-maj=2.1km s-min=1.7km az=152.6

TAP 15 10:48:06.4:24:01N:122:31E, h26km, ML3.7, D JMA 15 10:48:06.2:0.1, 23:95N:122:29E, h20km, 3km, M3.5 IDC 15 10:48:07.9:0.8, 24:21N:122:23E, h39km, 32km, mb3.5/7, mb1.3/6.7, mb1mx3.3/36, mbtmp3.7/7, MS3.1/1, Ms1.3.1/1, ms1mx2.4/29, Error ellipse: s-maj=38.0km s-min=18.6km az=67.0

ISC 15 10:48:06.3:1.0, 23:97N:0:02:122:29E:0:02, h27km, 8km, n117, r08/83/214, mb3.8/7, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EOS1 EOS1, EOS1 baz=334, EOS1 baz=334, etc.

Table with columns: Station ID, Name, Frequency, Band, Azimuth, Elevation, SNR, etc. Includes stations like TATO, DPDB, WHP, SMLT, etc.

Table with columns: Station ID, Name, Frequency, Band, Azimuth, Elevation, SNR, etc. Includes stations like SLGT, SNST, ECL, etc.

Table with columns: Station ID, Name, Frequency, Band, Azimuth, Elevation, SNR, etc. Includes stations like YMO8, YMO10, YMO11, etc.

ISC/JB 15:11:25:41.4.0.24.83N.0.02:122:31E:0.02, h2km, 2km, Error ellipse: s-maj=3.7km s-min=2.5km az=18.7 TAP 15:11:25:42.3.0.1.24.77N.122:29E, h13km, ML3.7, C JMA 15:11:25:42.3.0.1.24.77N.122:29E, h40km, M2.5 ISC 15:11:25:41.3.1.0.24.83N.0.02:122:32E:0.02, h11km, 9gkm, @100, @92/145, 1C-10D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like EOS1, TWB1, NTC, etc.

Table with columns: STYT, Tauyuan, baz=223, 2.19 221 eP, Pn, 11 26 19.3 +1.7, etc.

MAN 15 11:27:13.9, 12:35N, 123:66E, h5km, mb3.9, ML2.7, MS2.2, 2C, Luzon

Table with columns: WRA, Warramunga Arr, 48.50 257 P, P, 11 36 55.2 -0.3, etc.

KRNET 15 11:43:15.9, 0.1, 41.44N, 72.40E, h17km, mb3.0

Table with columns: ARK, Arkit, 0.42 311 fP, P, 11 43 25.1 -0.1, etc.

MAN 15 12:05:31.0, 3.2, 7.97N, 104.22W, h0km, mb3.5/4, m1 3.9/4, mb1mx3.7/21, mb1mx3.5/4, MS3.1/4, Ms1 1/4, Ms1mx2.8/20, Error ellipse: s-maj=129.4km, s-min=29.2km, az=59.0, Northern East Pacific Rise

Table with columns: ARK, Arkit, 0.42 311 fP, P, 11 43 25.1 -0.1, etc.

ISCJB 15 12:05:36.5, 0.3, 18.21N, 0.06:67.95W, 0.03, h106km, 3km, Error ellipse: s-maj=10.3km, s-min=4.3km, az=10.8

NEIC 15 12:05:37.3, 1.9, 18.16N, 0.06:67.94W, 0.06, h99km, 5km, earthModelId quakem/us.anss.org/earthmodel/ak135

RSPR 15 12:05:37.3, 18.21N:67.96W, h103km, 1km, MDS, 7/16

OSF 15 12:05:39.6, 2.0, 17.98N:67.97W, h80km, ML3.8

ISC 15 12:08:37.5, 0.7, 18.19N, 0.07:67.96W, 0.04, h100km, 5km, n82, c066/103, 19C-3D, Mona Passage

Table with columns: IDE, Isla Desecho, 0.50 67f, P, 12 05 53.0 -0.3, etc.

Table with columns: KBK, baz=56, 2.34 41 fP, P, 11 44 25.4 -1.1, etc.

MAN 15 12:36:11.2, 10:23N, 124:20E, h96km, mb4.1, ML2.9, MS2.5, 1D, Leyte

Table with columns: IDE, Isla Desecho, 0.50 67f, P, 12 05 53.0 -0.3, etc.

Table with columns: AGPR, Aguadilla, PR, 0.85 71f, P, 12 05 56.3 -0.1, etc.

ISCJB 15 12:09:29.9, 1.7, 29.94N, 0.07:36.2E, 0.1, h3km, Error ellipse: s-maj=19.7km, s-min=6.8km, az=25.1

HLW 15 12:09:29.1, 29.94N, 36.4E, h10.0km, Md2.8

JSO 15 12:09:32.9, 1.1, 30.7N, 7.3E, h10km, M3.1/10, Mjma3.0/10, ML3.2/7, MLV3.2/10

ISC 15 12:09:29.2, 2.2, 29.91N, 0.07:36.3E, 0.2, h3km, n18, c086/18, Western Arabian Peninsula

Table with columns: HSNU, Maan, 0.61 305 P, P, 12 09 41.1 -0.2, etc.

MAN 15 12:36:11.2, 10:23N, 124:20E, h96km, mb4.1, ML2.9, MS2.5, 1D, Leyte

Table with columns: OCLP, Ormoc, 0.91 26 eP, S, 12 36 37.1 -7.7, etc.

ISC 15 12:37:06.2, 1.3, 30.65N, 103.59E, h0km, mb3.4, m1 3.5/5, mb1mx3.5/5, mb1mx3.5/5, ML3.9/1, MS3.3/1, Ms1 3.2/1, ms1mx2.4/23, Error ellipse: s-maj=71.9km, s-min=21.8km, az=58.0, Sichuan



















15d 16h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like X40A, UALR, K50A, etc.

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Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like X43A, SEM, PKRO, etc.

850

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like OXF, OXF, OXF, etc.



15d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLMR, SDMD, T56A, Y52A, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GGN, BCX, EMMW, HODGE, Y54A, etc.

852

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMI, R61A, QIZ, ENPP, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like MDOK, V60A, V60A, AAA, AAA, AAA, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like FRU1, FRU1, SGSI, AAK, AAK, AAK, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like HOMB, OBN, OBN, OBN, OBN, OBN, etc.



Table with columns for airline codes (e.g., MNK, MNK, COG), flight numbers, times, and status. Includes entries like 'MNK 16 43 10.0', 'COG 72.83 85 IAMS\_20 IAMS\_20 17 01 42.5', etc.

Table with columns for airline codes (e.g., AKASG, AKASG, AKKB), flight numbers, times, and status. Includes entries like 'AKASG 17 13 20.6', 'AKASG 76.18 345 P P 16 33 20.8 -2.4', etc.

Table with columns for airline codes (e.g., MOX, DPC, DPC), flight numbers, times, and status. Includes entries like 'MOX 16 33 33.2 -0.9', 'DPC 78.11 353 eP P 16 33 33.2 -0.9', etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, etc. Includes stations like UZH, TREC, WLF, GROG, MTN, KRUC, etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, etc. Includes stations like ECH, TESC, SOC, SOP, MOA, SIM, etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, etc. Includes stations like CEY, HUMR, OZLJ, TRI, FRGS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RPSI Rantau Prapat, RZHN Podgorica, and various others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, MTP Monte Pirata, GAZ Gaziantep, and various others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZARC Zaragoza, ZARC Zaragoza, MLYT Lee's Yard, and various others.



Table with columns: POKR, POKR, Plat Res, 19.57 36 P, Pn, 17.26 41.0 +0.7, etc. Lists various race events and results.

Table with columns: DAC, DARWIN (CAIFF), 42.83 88 P, Pmax, 17.30 08.7 -0.3, etc. Lists various race events and results.

Table with columns: ENH, ARAO, ARCS, ARCS, ARCS, ARCS, etc. Lists various race events and results.



Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like UCC Uccle, DPC Dobruska-Polom, and various other locations.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JMTN Minamitane, JYAK Yakushimahirau, and others.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JKC Nakanoshima, JNN Tashiro 2, JNSR Kishima-Naru, and many others.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KMI comp=Z,16nm,0.6s, KMI comp=Z,210nm,15.8s, and others.

Table of station data for the left column, including station names like KK31, KKAR, KKAR, and various array names with their respective coordinates and parameters.

Table of station data for the middle column, including station names like NVAR, EKA, EKA, and various array names with their respective coordinates and parameters.

Table of station data for the right column, including station names like JOW, JOW, JOW, and various array names with their respective coordinates and parameters.

ISC 15 17:49:21.70.4.58.23S:0.07:29.8W:0.1, h10km, mb4.1/6, Error ellipse: s-maj=12.3km s-min=7.7km az=142.0

IDC 15 17:49:21.8.0.8.58.23S:29.82W, h0km, mb4.2/6, mb1.4/2.8, mb1mx3.0/34, mbtmp4.1/8, ML3.0/2, Error ellipse: s-maj=29.8km s-min=21.8km az=84.0

NEIC 15 17:49:31.2.6.58.17S:0.1:29.80W:0.06, h75km, g6km, mb4.4/20, earthModelId quakemi.us.anss.org/earthmodel/ak135

ISC 15 17:49:23.3.0.5.58.27S:0.09:29.8W:0.1, h10km, n47, 0.089/43, mb4.3/14, South Sandwich Islands region

Table of station data for the bottom middle column, including station names like VNA1, VNA2, VNA3, and various array names with their respective coordinates and parameters.

IDC 15 18:18:49.6.2.22.94N:11.84W, h0km, mb3.7/3, mb1.3/7.5, mb1mx3.5/39, mbtmp3.6/5, ML3.3/2, Error ellipse: s-maj=94.1km s-min=30.8km az=87.0

ISC 15 18:18:50.1.1.3.22.77N:0.06:11.8W:0.2, h10km, n13, 0.218/16, mb3.6/3, Mauritania

Table of station data for the bottom right column, including station names like TANT, TANT, TANT, and various array names with their respective coordinates and parameters.



DJA 15 18:53:31.0; 1.8, 3.3; S3; 13°0E, h19km, 18km, M4, 2/12, mb4.8/3, mb4.8/2, MLv3.9/12, Mw(mb)4.1/2

ISC 15 18:53:29.9; 0.6, 2.8; S9; 0.05; 129.55E; 0.05, h28km, n39, c=239/42, mb4.0/10, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI Masohi, BNDI Bandanaira, NLAN Namlea, etc.

ISCJB 15 19:06:14.7; 0.8, 2.8; 1N; 0.1; 99.21E; 0.08, h10km, mb3.7/5, Error ellipse: s-maj=16.2km s-min=9.6km az=13.1

IDC 15 19:06:14.7; 1.3, 3.0; 71N; 103.62E; h0km, mb3.4/4, mb1.3/5.5, mb1m3.2/5.1, mb1m3.4/5.5, ML3.6/1, Error ellipse: s-maj=74.5km s-min=21.2km az=81.0

BUI 15 19:06:17.0; 0.0, 2.8; 24N; 99.42E; h10km, ML3.6/6, ISC 15 19:06:16.5; 0.9, 2.8; 2N; 0.2; 99.3E; 0.1, h10km, n18, c=881/17, mb3.4/5, Yunnan

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

NNC 15 19:11:37.3; 2.2, 3.6; 76N; 70.80E, h0km, mb5.5, mpv5.6, Error ellipse: s-maj=21.1km s-min=11.3km az=159.0

BUI 15 19:11:39.7; 0.0, 3.6; 54N; 71.06E, h249km, mb4.6/3.5, mb4.8/2.5

ISCJB 15 19:14:00.0; 0.2, 3.6; 43N; 0.02; 71.13E; 0.02, h255km, 2km, mb4.4/138, Error ellipse: s-maj=3.0km s-min=2.4km az=135.9

MOS 15 19:11:40.5; 1.1, 3.6; 45N; 71.19E, h261km, mb4.5/5.1, Error ellipse: s-maj=5.4km s-min=3.4km az=118.6

IDC 15 19:11:41.9; 0.5, 3.6; 42N; 71.22E, h262km, mb4.4km, mb4.1/31, mb1.4/2/37, mb1mx4.0/48, mb1mp4.7/37, Error ellipse: s-maj=7.8km s-min=6.8km az=27.0

NEIC 15 19:11:42.0; 2.0, 3.6; 46N; 0.07; 71.17E; 0.05, h260km, 5km, mb4.6/87, earthModelID quakeml:us.anss.org/earthmodel/ak135

ISC 15 19:11:41.1; 0.5, 3.6; 39N; 0.03; 71.13E; 0.03, h251km, 3km, h251km, p, n524, 1345/597, mb4.5/166, 42C-15D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBL Kabul, KBL Cherat, GAR Garm, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH Kashi, TAS Tashkent, DHHR DHARAMSHALA, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, AB31 Akbulak array, etc.

Table of satellite data for the first column, including call signs like GAOTAI, NEYTRINO, LKHAPANI, SHADZHATMAZ, etc., with associated frequency, time, and status information.

Table of satellite data for the middle column, including call signs like SAKOLAKORN, MUNTELE ROSU, ELIND, etc., with associated frequency, time, and status information.

Table of satellite data for the second column, including call signs like ARECCESS ARRAY S, ARCESS ARRAY S, ARCS, etc., with associated frequency, time, and status information.



Table with columns: CHN1, Nanshi, 1.03 263 eP, Pn, 19 42 01.6 +0.0, etc.

TAP 15 19:41:47.8, 24:91N, 122:21E, h9km±1km, ML1.9, D, Taiwan region

Main table listing station names like Santiao Chiao, Shuangxi, EOS1, etc., with associated data.

SOF 15 19:53:00.9, 43:01N, 23:64E, h10km, MD2.8

BEF 15 19:53:01.0, 43:05N, 23:66E, h0km, ML2.7/9

SKO 15 19:53:03.5, 42:96N, 23:60E, h0km

ISC 15 19:53:01.6, 43:02N, 23:59E, h9km±9km, n65, r1903/97, 36C-13D, Bulgaria

Main table listing station names like Malo Peshtene, Vitosha, Panagyurishte, etc., with associated data.

Table listing station names like GRUS Gruza, THE Thessaloniki, LOT Lotru, etc., with associated data.

NNC 15 20:10:26.8, 0.7, 44:06N, 81:17E, h0km, mb3.6, mpv3.4

Error ellipse: s-maj=7.3km s-min=2.9km az=127.0

SOME 15 20:10:28.2, 44:05N, 81:17E, h20km

ISC 15 20:10:26.0, 1.4, 43:98N, 0:04, 81:21E, 0:04, h6km±10km, n50, r1772/80, 13C-9D, Northern Xinjiang

Main table listing station names like Ketmen, JarKent, Podgornje, etc., with associated data.

Table listing station names like KOTS Kotrybulak, MDOK Medeo, etc., with associated data.

NNC 15 20:13:58.6, 0.6, 43:77N, 15:14E, h0km, ML2.8/9

VIE 15 20:13:59.8, 0.8, 43:81N, 15:18E, h8km, mb2.4/12

ml2, 7/18, Error ellipse: s-maj=7.7km s-min=6.8km az=159.0

ISC 15 20:13:57.8, 1.3, 43:80N, 0:03, 15:22E, 0:03, h1km±10km, n66, r1393/96, 4C-1D, Adriatic Sea

Main table listing station names like DUGI Dugi Otok, MORI Morici, NVLJ Novalja, etc., with associated data.

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15d 20h

Table with columns: SOKA, BEHE, BEHE, BEHE, BEHE, RUDO, BBLs, BBLs, MYKA, MYKA, PDG, PDG, DRME, MORH, ARS, ARS, DIVS, DIVS, SJES, ABTA, ABTA, KBA, KBA, FRGS, IVAS, TIHY, SOP, MOA, MOA, CONA, CONA, WTTA, WTTA, WATA, WATA, SQTA, SQTA, SQTA, FETA, FETA, MOTA, MOTA, BZS, DAVA, DAVA, DAVA, KOLL, KOLL, VYHS, VYHS

ISCJB 15 20:29:28.4, 0.7, 21.14N, 0.05:0.6E:0.3, h10km, mb3.6/4, MS3.0/7, Error ellipse: s-maj=11.8km s-min=7.4km az=175.3

NAO 15 20:29:29.8, 5.1, 72.09N, 0.40E, ML3.1, mb1 3.8/10, mb1mx3.5/42, mbtmp3.7/10, ML2.9, MS3.1/11, MS1 3.1/11, ms1mx2.9/38, Error ellipse: s-maj=25.8km s-min=17.9km az=83.0

BER 15 20:29:35.1, 2.7, 72.21N, 1.29E, h2km, 55km, ML2.3, ML3.1 (NAO), Confirmed Earthquake

ISC 15 20:29:30.7, 0.9, 72.08N, 0.08:0.7E:0.1, h10km, n35, c1540/30, mb3.6/4, MS2.9/7, Norwegian Sea

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

ISC 15 20:31:51.9, 6.1, 18.58S, 164.45E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, ML2.9/1, Error ellipse: s-maj=171.0km s-min=29.2km az=39.0, New Caledonia

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

MDD 15 20:51:21.7, 0.0, 40.33N, 0.73E, h8km, 2km, mbLg1.3/7, Error ellipse: s-maj=3.3km s-min=1.8km az=155.0, PRXIMO, Spain

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

ISCJB 15 20:56:02.4, 0.4, 41.97N, 0.02:43.94E:0.03, h3km, 5km, Error ellipse: s-maj=4.0km s-min=2.9km az=165.3

ISC 15 20:56:02.1, 41.97N, 43.97E, h5km, ML2.3/3, TIF 15 20:56:02.1, 41.97N, 43.97E, h19km, 2km

NORS 15 20:56:03.0, 0.0, 41.98N, 43.85E, h13km, MPVA3.3, DDA 15 20:56:05.5, 41.72N, 44.12E, h7km, 3km, ML2.5

ISC 15 20:56:03.0, 0.1, 41.96N, 0.02:43.96E:0.02, h9km, 10km, n27, c058/47, Turkey-Georgia-Armenia border region

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

CRAAG 15 20:57:21.6, 36.39N, 3.04E, ML2.6, ISCJB 15 20:57:22.4, 0.7, 36.55N, 0.05:3.10E:0.06, h18km, Error ellipse: s-maj=8.5km s-min=5.6km az=41.9

MDD 15 20:57:22.9, 0.5, 36.40N, 3.11E, h0km, mb3.5/9, Error ellipse: s-maj=10.9km s-min=4.6km az=45.0, PRXIMO

ISC 15 20:57:22.1, 0.9, 36.43N, 0.05:3.17E:0.05, h18km, n16, c1558/25, Northern Algeria

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

NNC 15 21:01:20.6, 7.4, 37.75N, 71.92E, h0km, mb3.8, mpv3.4, 2C-4D, Error ellipse: s-maj=56.9km s-min=43.5km az=169.0, Afghanistan-Tajikistan border region

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

GUC 15 21:11:25.8, 0.7, 34.61S, 73.58W, h32km, 4km, ML3.6, 2C, Off coast of central Chile

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

IDC 15 21:28:11.0, 1.9, 5.37N, 125.79E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/37, mbtmp3.6/5, Error ellipse: s-maj=117.3km s-min=25.1km az=67.0

ISCJB 15 21:28:16.1, 0.8, 4.99N, 0.05:125.4E:0.1, h33km, mb3.5/5, Error ellipse: s-maj=17.0km s-min=6.2km az=166.5

MAN 15 21:28:16.9, 5.01N, 125.43E, h33km, mb4.7, ML3.5, MS3.4, ISC 15 21:28:17.9, 1.0, 4.99N, 0.06:125.3E:0.1, h35km, n12, c213/11, mb3.5/5, 2C, Talaud Islands

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

IDC 15 21:46:05.2, 3.5, 16.53S, 176.57W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.7/51, mbtmp4.2/4, Error ellipse: s-maj=148.6km s-min=72.4km az=156.0

ISCJB 15 21:47:21.8, 0.7, 18.2S, 0.1:179.4W:0.1, h600km, mb3.8/4, Error ellipse: s-maj=20.8km s-min=13.0km az=137.5

NEIC 15 21:47:24.4, 1.4, 18.2S, 0.2:179.4W:0.2, h618km, 6km, mb4.1/12, earthModelId quakeml:us.anss.org/earthmodel/ak135

ISC 15 21:47:23.1, 1.0, 18.2S, 0.2:179.4W:0.2, h600km, n20, c1906/23, mb4.0/10, Fiji Islands region

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

IDC 15 21:52:20.1, 1.0, 51.59N, 174.53W, h0km, mb4.1/17, mb1 4.2/20, mb1mx4.0/74, mbtmp4.1/20, ML3.8/3, MS2.8/4, MS1 2.9/4, ms1mx2.6/42, Error ellipse: s-maj=31.5km s-min=12.8km az=173.0

AEIC 15 21:52:23.5, 4.1, 51.44N, 0.05:174.74W:0.03, h2km, 4km, ML3.9, MB2.9, 2C, NEIC

ISCJB 15 21:52:26.7, 0.6, 51.59N, 0.07:174.72W:0.04, h52km, 3km, mb4.1/17, Error ellipse: s-maj=11.9km s-min=3.2km az=168.4

NEIC 15 21:52:27.3, 2.6, 51.62N, 0.05:174.82W:0.03, h34km, 4km, earthModelId quakeml:us.anss.org/earthmodel/ak135

ISC 15 21:52:27.4, 1.2, 51.57N, 0.09:174.75W:0.04, h45km, 10km, n25, c1915/126, mb4.2/27, Andreanof Islands

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



Table of station data for 15d 22h. Columns include station code, name, coordinates, and various parameters like S/NR, time, and phase ID. Includes stations like SHL, CMSA, MAJO, MAJAO, etc.

Table of station data for 2013 SEP. Columns include station code, name, coordinates, and various parameters like S/NR, time, and phase ID. Includes stations like AAK, AAK, AAK, AAK, AAK, etc.

Table of station data for 868. Columns include station code, name, coordinates, and various parameters like S/NR, time, and phase ID. Includes stations like MDH, MSFE, HOQH, HATD, ASHO, ASHO, ASHO, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.



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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like S51A, S51A, S51A, S51A, S51A, S51A, etc.

Bottom section containing various codes, station names, and technical parameters. Includes codes like DR12, SDDR, SDDR, SDDR, etc.



15d 23h

2013 SEP

Table with columns: FRU1, comp, I/Amb, I/Amb, 00 01 31.4, etc. Lists various locations like Osenovka, Ala-Archa, Karatay Array, etc.

Table with columns: OBN, comp, OBN, 74.22 324, etc. Lists various locations like Obninsk, Lebam, Storozhevoye, etc.

Table with columns: HRY, Holter Researc, 81.39 41, etc. Lists various locations like Suwalki, Old Mammoth Mt, Antelope Gate, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like San Rafael Swe, Lotru, Elena, North Rim, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Abfalterbach, WTTA, Albuquerque, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 16:00:04:51.2,2.4,37,63N, etc.

Table of astronomical observations for 16d 0h, listing objects like MYKOM, OMMB, YBH, YBH, WAKR, etc., with columns for name, coordinates, and other parameters.

Table of astronomical observations for 2013 SEP, listing objects like FWXY, VNA3, SNOW, IMW, MOOV, LOHW, etc., with columns for name, coordinates, and other parameters.

Table of astronomical observations for 2013 SEP, listing objects like KHC, BMRD, GRES, BZES, etc., with columns for name, coordinates, and other parameters.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like DLBC Dease Lake, ASAJ Asahikawa, and many others.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PV03 Paradox Valley, SMCO Snowmass, and many others.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like ARA0 ARCESS Array S, ARCS ARCESS Array B, and many others.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like N52A, MEDO, OXF, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like T52A, P55A, W50A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like Y53A, Z52A, T57A, etc.

ATH 16:00:32:02.9,38:20N,-22:03E,h11km,2km,ML0.6/3,Error ellipse: s-maj=2.5km s-min=0.9km az=87.0, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like AIG2, LAKA, etc.

Table with columns: SERG, comp=N, 75um, 0.2s, AML, AML, 00 32 11.9, DRO Drossia, 0.35 226 P Pg, 00 32 09.7 -0.3, ANO Ano Chora, 0.40 348 S S, 00 32 10.7 -0.2, ANX 00 32 17.0 +0.7.

ISK 16 00:32:06.9, 38.84N, 30.04E, h5km, ML2.5/28
DDA 16 00:32:07.3, 38.90N, 30.01E, h7km, 2km, ML2.7
ISC 16 00:32:07.8-0.9, 38.88N, 0.02-30.02E, 0.02, h14km, 8km, n46, c0970/53, Turkey

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, Code, Station Name, A° AZ', Phase ID, Time, Res.

Table with columns: KBK Karagaybulak, 6.66 23 P Pn, 00 35 20.5 +2.9, FRU1 Bishkek, 6.71 21 PN Pn, 00 35 19.6 +1.5, FRU1 Bishkek, 6.71 21 PN Pn, 00 35 19.6 +1.5, ULHU Ulaloh, 6.79 32 P Pn, 00 35 19.2 -0.2.

Table with columns: ZAAO Zalesovo Array, 19.71 24 I Amb I Amb, 00 38 01.6, ZALV Zalesovo Beam, 19.71 24 P P, 00 37 59.9 +0.3, ZALV Zalesovo Beam, 19.71 24 I P S, 00 41 30.6 -3.0.



Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKBB, TESR, VOIR, FIAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation. Includes stations like WRA, WRB, WRAB, etc.

TAP 16 00:46:14.2, 22.97N-120.88E, h4km, ML3.9, 18C-5D, C

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SLGT, SLGT, STYT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation. Includes stations like EGFH, WSF, WNT, etc.

ISCJB 16 00:52:09.4 0.6, 30.44S: 0.03: 70.91W: 0.05, h116km, 6km, Error ellipse: s-maj=6.4km s-min=4.5km az=174.1

SJA 16 00:52:09.8 1.1, 30.51S: 70.93W, h31km, 7km, ML3.8, MW3.6

GUC 16 00:52:10.9 0.6, 30.51S: 70.84W, h84km, 3km, ML3.8

ISC 16 00:52:11.3 1.4, 30.49S: 0.03: 70.87W: 0.05, h96km, 10km, n35, e202/53, 2D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GO04, GO04, GO04, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Las Campanas, Leontico, MOGNA, Cerro Villicun, Cerro Valdivia, Cerro La Cruz, PUNTA DE LOS R, IPOC Station P, etc.

MDD 16 00:55:11.4s, 7.41, 44N, 0.46W, h0km, Error ellipse: s-maj=25.3km s-min=12.3km az=140.0, ARTIFICIAL POSSIBLE

LDG 16 00:55:13.6s, 0.4, 2026N, 0.32E, h2km, M11.5/3, Error ellipse: s-maj=7.0km s-min=4.3km az=138.0, Spain

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ERTA, EMOS, EPOB, EPF, ETSF, SJPF, etc.

ISCJB 16 01:16:57.5s, 0.3, 24, 12N, 0.01, 121.72E, 0.02, h7km, 2km, Error ellipse: s-maj=2.6km s-min=1.7km az=32.4

TAP 16 01:16:57.7s, 24, 14N, 121.69E, h7km, ML4.0, C ASIES 16 01:16:57.3s, 24, 13N, 121.67E, h16km, MW3.6

JMA 16 01:16:59.0s, 0.1, 24, 21N, 121.66E, h67km, M3.2

ISC 16 01:16:57.5s, 0.8, 24, 12N, 0.02, 121.70E, 0.02, h10km, 5km, n114, 0.059/161, 8C-8D, Taiwan

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Chiawan, NACB, HWA, ETJLH, ENA, NANB, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Shilin, Hehuan Shan, Datong, Nan Shan, Renai, Tachien, EOH1, Datong Townshi, Tech, Guangfu, EOH1, Neicheng, Yeheng, YHNB, VWDT, Yuanshan, ILA, Wulai, Ruisui, Hungye, Guoxing, Toucheng, Ssuajung, Sun Moon Lake, Yuch, Emei, Nanjuang, YULB, Daxi, Xindian Distri, Yuli, Shuangxi, Mucha, TWA, TATO, TATU, Lyutan, Xinyi Township, Sanyi, Santiao Chiao, MNLH, Hsinchu, Taipei, Taipai, Yu-Shan, Taichung, TCU, Zhushan, WJS, Wu-fen Shan, Wufu-fen Shan, WFSB, Mingjian, Yuanli, Zhongli, National Center, Dajia District, Kuangyinshan, Alishan, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like YM01, YM10, WCHI, NSTS, CHKT, YMO8, CHN5, ELDTW, WGK, WDLH, YJNG, RLNB, YOJ, CHN4, TPUB, STYT, WTCT, CHY, WTP, TWK, TWK, TWG, TWGB, SNST, CHN1, WSF, WSF, SLGT, PCYT, ECL, SSD, MASBT, IRIF, IRIF, EAST, HATJ, PNG, PHUB, WDGJ, JKRS, VWUC, PTTC, VJH, VJH, TWK1, TWKBT, TSEB, JISG, PTMZ, MATB, JTJ, JTJ, QZH, QZH, LYJJ, KNMB, XPSS, MHZO, AXDP, ZPLA, etc.

ISCJB 16 01:53:28.9s, 0.5, 40, 38N, 0.02, 25, 92E, 0.06, h11km, Error ellipse: s-maj=6.2km s-min=3.3km az=0.5

DDA 16 01:53:28.9s, 40, 38N, 25, 99E, h6km, 2km, ML2.8

ISK 16 01:53:28.9s, 40, 36N, 25, 96E, h8km, ML2.3/21

ISC 16 01:53:29.0s, 0.9, 40, 38N, 0.02, 25, 93E, 0.04, h11km, n37, 0.050/41, Aegean Sea

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ENEZ, GELI, ALN, ERIK, BOZC, BOZC, RDO, UKOP, GPNR, RKY, SART, SART, SAGR, AYVA, MRMT, TKR, GONE, BALLY, EDC, DKL, EDRB, ZEDA, etc.

16d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALEB, STEP, PLD, CHOS, UURLA, etc.

MDD 16 02:03:24.5:1.9, 36:86N, 12:30W, h0km, mb3.6/23, Error ellipse: s-maj=18.3km s-min=13.7km az=39.0, PRXIMO IGIL 16 02:03:24.7, 36:88N, 12:32W, h2km, ML2.6

INMG 16 02:03:26.5:2.1, 36:71N, 12:66W, h10km, 79km, ML2.4, Error ellipse: s-maj=40.8km s-min=5.9km az=63.0

CNRM 16 02:03:26.9, 36:51N, 12:07W, h21km, ISC 16 02:03:22.1:3.0, 36:72N, 0:07:12.3W, h1km, n48, c=22/86, Azores-Cape St. Vincent Ridge

Main table of station data for the 16d 3h period, including stations like PVFI, PFAFR, MORF, etc.

2013 SEP

Table with columns: OUMZ, OUZ, Time, Res, ISC. Includes stations like OUMZ, QUESADA, GUD, EPON, etc.

ASRS 16 02:19:46.0:5.50, 29:29'x9:36", h9km, MLH3.0/13, smi:org.gfz-datam.de/geofon/LOCSAT earthModelID Mongolia

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

IDC 16 02:20:01.4:7.7, 16:18Sx171.74W, h0km, mb4.2/5, mb1 4.4/5, mb1mx3.9/36, mbtmp4.2/5, Error ellipse: s-maj=184.1km s-min=128.2km az=134.0, Samoa

Islands region

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

ISCJB 16 02:47:07.1:0.7, 20:51S:0:02:69:05W:0:09, h124km, 6km, mb3.4/1, Error ellipse: s-maj=13.6km s-min=4.1km az=1.4

IDC 16 02:47:07.1:5.8, 16:18S:169:36:01W, h0km, mb3.7/1, mb1 3.8/3, mb1mx3.5/18, mbtmp3.7/3, ML3.5/2, Error ellipse: s-maj=172.6km s-min=27.8km az=48.0

GUC 16 02:47:07.1:0.7, 20:49S:68:97W, h112km, 3km, ML3.9, ISC 16 02:47:07.3:1.1, 20:50S:0:03:69:01W:0:09, h118km, 8km, n17, c=74/32, 6C-8D, Northern Chile

Main table of station data for the 2013 SEP period, including stations like BPO8, BPO1, GO01, etc.

0.3nm, 0.5s, baz=290, slow=5.3, SNR=5.1, TORD Torodi Ar. Beza 84.86 282 P 03 02 05.5 -0.5

GCG 16 02:55:38.3:1.1, 12:53N:89:64W, h2km, 196km, MD3.6, SNET 16 02:55:38.9:0.8, 13:02N:90:47W, h15km, 5km, ML3.2, ISC 16 02:55:43.4:2.9, 12:8N:0:1:90:41W:0:08, h8km, 12km, n14, c=186/22, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEVE, MOYG, SBL5, etc.

PRU 16 03:09:32.8:0.0, 50:26N:12:49E, h0km, West Bohemia, WBNET 16 03:09:32.2, 50:23N:12:46E, h7km, MID.2, 8C-12D, Germany

Main table of station data for the 16 03:09:32.8 period, including stations like NKC, KVC, LBCW, etc.

BJI 16 03:25:23.9:0.0, 5:59S:68:59E, h15km, mb4.7/29, mb4.9/17, MS4.5/13, MS7 4.3/15, ISCJB 16 03:25:24.5:0.2, 5:53S:0:04:68:72E:0:03, h10km, mb4.6/71, MS4.1/33, Error ellipse: s-maj=6.0km s-min=4.3km az=20.5

IDC 16 03:25:24.5:0.5, 5:50S:68:59E, h0km, mb4.4/23, mb1 4.5/24, mb1mx4.3/39, mbtmp4.4/24, ML3.9/1, MS4.1/28, MS1 4.1/28, ms1mx4.0/41, Error ellipse: s-maj=15.0km s-min=12.6km az=177.0

NEIC 16 03:25:25.7:1.8, 5:50S:0:08:68:70E:0:08, h10km, 1km, mb4.8/36, earthModelID quakeml.us.anss.org/earthmodel/ak135

MOS 16 03:25:25.6:1.1, 5:41S:68:79E, h11km, mb5.0/28, Error ellipse: s-maj=10.4km s-min=7.0km az=114.0

GCMT 16 03:25:26.9:0.2, 5:57S:0:01:68:57E:0:01, h16km, 1km, MW5.1/110, Moment Tensor Solution. s35, c43; s110, c172; Duration: 0 Moment tensor: Scale 10^16Nm; Min-0.50z: 12; Maa-4.38z: 11; Maa4.88z: 13; Maa-1.16z: 33; Maa-0.97z: 09; Maa-0.28z: 29; Best double couple: Maa: 89500\*10^16 NPT1: 0.3800000; 380.00000; lambda-12.00000; NP2: 0.1300000; 678.00000; lambda-170.00000. Principal axes: T 4.9840, Plg2.00000, Azm84.00000; N -0.1830, Plg75.00000, Azm180.00000; P -4.8050, Plg15.00000, Azm354.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 03:25:26.3:0.3, 5:51S:0:05:68:78E:0:05, h10km, n206, c=1965/201, mb4.8/83, MS4.2/34, 30C-5D, Chagos Archipelago region

Main table of station data for the 16 03:25:26.9 period, including stations like H08N3, H08N2, H08N1, etc.

IDC 16 02:49:28.9:1.2, 33:14N:94:04E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/39, mbtmp3.5/5, Error ellipse: s-maj=56.3km s-min=26.5km az=58.0, Qinghai

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

Table of astronomical observations for 2013 SEP, including stations like BSI, WSAR, KCSI, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2013 SEP, including stations like H01W1, WMQ, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2013 SEP, including stations like OBN, MOS, etc., and their respective coordinates and observation times.

NIED 16 03:53:00, 35:30N; 140:30E, h59km, Mw4.0 Best double couple: M1.13000;1015 NP1=0.85;00000;0.87;00000; 1.66;00000; NP2=0.34;00000;0.56;00000;1.07;00000; ISCBJ 16 03:53:13.2;0.3;35.31N;0.03;140.16E;0.04, h61km, 2km, mb3.9/17, Error ellipse: s-maj=6.1km s-min=4.7km az=43.1 JMA 16 03:53:13.2;0.2;35.38N;140.19E, h60km, 2km, M3.9 Broadband fault plane solution; P waves: NP1: 0.190;0000; 351.0000; 1.13;0000; NP2: 0.44;0000; 345.0000; 1.64;0000; Principal axes: T P1g3.0000; Azm296.0000; N P1g18.0000; Azm205.0000; P P1g72.0000; Azm35.0000; JMA Felt III, J. IDC 16 03:53:14.6;1.4;35.24N;140.16E, h60km, 13km, mb3.7/17, mb1 3.9/22, mb1mx3.8/48, mbtmp4.0/22, MS3.5/3, Ms1 3.5/3, ms1mx2.7/52 Error ellipse: s-maj=18.9km s-min=5.8km az=70.0

ISC 16 03:53:14.3:0.7, 35.33N:0.04:140.17E:0.04, h57km, 5km, n46, e108/51, mb4.0/17, 9C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like JCN, JKUC, KTR, BSO4, etc.

ISC 16 03:53:18.5:6.1, 7.78S:75.03W, h91km, 53km, mb3.6/5, mb1.3/7, mb1mx3.5/23, mbtmp3.9/6, ML3.7/1, Error ellipse: s-maj=41.4km s-min=33.6km az=85.0

ISCJB 16 04:03:21.9:1.3, 8.05S:0.2:75.0W:0.3, h138km, mb3.6/5, Error ellipse: s-maj=41.8km s-min=19.3km az=160.2

ISC 16 03:53:23.7:1.1, 8.05S:0.2:74.9W:0.3, h138km, n8, e128/8, mb3.5/5, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like LPAZ, CPUP, PLCA, etc.

NEIC 16 03:56:10.3:3.5, 17.2N:0.2:94.0W:0.2, h177km, 3km, earthModelID quakeml.uns.org/earthmodel/ak135

MEX 16 03:56:13.0:0.3, 17.22N:1.9405W, h173km, 3km, MD4.0, Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like CMIG, TGIG, CGIG, etc.

ISC 16 04:00:03.3:1.7, 10.61S:115.70E, h0km, mb3.7/5,

mb1.3/9.7, mb1mx3.7/40, mbtmp3.8/7, ML3.6/2, MS3.0/2, M3.1/0.2, ms1mx2.6/50, Error ellipse: s-maj=59.2km s-min=20.4km az=50.0

ISCJB 16 04:00:06.6:0.8, 10.63S:0.08:115.95E:0.09, h33km, mb3.9/4, MS3.2/1, Error ellipse: s-maj=15.8km s-min=6.1km az=136.7

DJA 16 04:00:09.0:1.0, 10.9S:9.116E:1.1, h10km, M3.9/6, MLV3.9/6

ISC 16 04:00:08.3:0.9, 10.56S:0.09:116.02E:0.06, h35km, n14, e187/17, mb4.0/17, South of Sumbawa

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like IGBI, DNP, SBI, etc.

IDC 16 04:04:47.3:43.0, 30.12S:178.02W, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.7/3, mbtmp3.7/3, Error ellipse: s-maj=785.7km s-min=189.5km az=97.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like STKA, ASAR, WRA, etc.

ISCJB 16 04:08:01.9:0.2, 6.15N:0.102:126.31E:0.03, h150km, mb4.5/45, Error ellipse: s-maj=4.5km s-min=2.3km az=166.2

MAN 16 04:08:01.2:5.97N:126.13E, h142km, MS5.0, NEIC 16 04:08:03.8:2.3, 6.10N:0.06:126.17E:0.06, h155km, 6km, mb4.7/62, earthModelID quakeml.uns.org/earthmodel/ak135

DJA 16 04:08:03.0:4.0, 6.15N:2.12E:126.18E, h142km, 3km, M4.9/29, mb4.9/29, mb5.3/11, MLV5.3/9, Mw(mB)4.7/11

BUI 16 04:08:04.0:4.0, 6.32N:126.17E, h155km, mb4.9/42, MB5.0/27

KLM 16 04:08:04.0:4.0, 6.11N:126.36E, h147km, mb4.9, IDC 16 04:08:04.3:0.5, 6.15N:126.18E, h158km, 4km, mb4.2/25, mb1.4/32, mb1mx1.4/3, mbtmp4.7/28, MS3.1/2, Ms1.3/2.2, ms1mx2.6/46, Error ellipse: s-maj=13.9km s-min=7.1km az=76.8

ISC 16 04:08:03.0:4.0, 6.10N:0.03:126.25E:0.05, h150km, n171, e186/172, mb4.7/69, 4C-MD, Bandoao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like DDMP, DDDP, etc.

ISC 16 04:08:01.9:0.2, 6.15N:0.102:126.31E:0.03, h150km, mb4.5/45, Error ellipse: s-maj=4.5km s-min=2.3km az=166.2

MAN 16 04:08:01.2:5.97N:126.13E, h142km, MS5.0, NEIC 16 04:08:03.8:2.3, 6.10N:0.06:126.17E:0.06, h155km, 6km, mb4.7/62, earthModelID quakeml.uns.org/earthmodel/ak135

DJA 16 04:08:03.0:4.0, 6.15N:2.12E:126.18E, h142km, 3km, M4.9/29, mb4.9/29, mb5.3/11, MLV5.3/9, Mw(mB)4.7/11

BUI 16 04:08:04.0:4.0, 6.32N:126.17E, h155km, mb4.9/42, MB5.0/27

KLM 16 04:08:04.0:4.0, 6.11N:126.36E, h147km, mb4.9, IDC 16 04:08:04.3:0.5, 6.15N:126.18E, h158km, 4km, mb4.2/25, mb1.4/32, mb1mx1.4/3, mbtmp4.7/28, MS3.1/2, Ms1.3/2.2, ms1mx2.6/46, Error ellipse: s-maj=13.9km s-min=7.1km az=76.8

ISC 16 04:08:03.0:4.0, 6.10N:0.03:126.25E:0.05, h150km, n171, e186/172, mb4.7/69, 4C-MD, Bandoao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like CGP, BUTP, etc.

ISC 16 04:08:01.9:0.2, 6.15N:0.102:126.31E:0.03, h150km, mb4.5/45, Error ellipse: s-maj=4.5km s-min=2.3km az=166.2

MAN 16 04:08:01.2:5.97N:126.13E, h142km, MS5.0, NEIC 16 04:08:03.8:2.3, 6.10N:0.06:126.17E:0.06, h155km, 6km, mb4.7/62, earthModelID quakeml.uns.org/earthmodel/ak135

DJA 16 04:08:03.0:4.0, 6.15N:2.12E:126.18E, h142km, 3km, M4.9/29, mb4.9/29, mb5.3/11, MLV5.3/9, Mw(mB)4.7/11

BUI 16 04:08:04.0:4.0, 6.32N:126.17E, h155km, mb4.9/42, MB5.0/27

KLM 16 04:08:04.0:4.0, 6.11N:126.36E, h147km, mb4.9, IDC 16 04:08:04.3:0.5, 6.15N:126.18E, h158km, 4km, mb4.2/25, mb1.4/32, mb1mx1.4/3, mbtmp4.7/28, MS3.1/2, Ms1.3/2.2, ms1mx2.6/46, Error ellipse: s-maj=13.9km s-min=7.1km az=76.8

ISC 16 04:08:03.0:4.0, 6.10N:0.03:126.25E:0.05, h150km, n171, e186/172, mb4.7/69, 4C-MD, Bandoao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like LUWI, SANI, etc.

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like BNMM, KAPI, KBKI, etc.



Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like WAKE ISLAND, WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

IDC 16 05:11:36.5, 5.8, 21.45S, 148.32E, h0km, mb1 3.2/3, mb1mx3.1/24, mbtmp3.0/5, ML2.8/3, Error ellipse: s-maj=46.8km s-min=35.2km az=59.0, Queensland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like Charters Tower, Warrungarra Arr, WRA, etc.

SJA 16 05:31:14.0, 0.0, 6.15:59S, 69.72W, h298km, 6km, ML5.0, MW4.4

ISCJBJ 16 05:31:18.3, 0.3, 15.73S, 0.02:69.34W, h236km, 3km, mb4.4/19, Error ellipse: s-maj=5.0km s-min=3.2km az=153.5

NEIC 16 05:31:19.6, 1.7, 15.84S, 0.06:69.47W, h236km, 4km, mb4.4/204, earthModelID

quakeml.us.anss.org/earthmodel/ak135 VAO 16 05:31:19.3, 0.4, 15.84S, 69.45W, h236km, mb4.5

IDC 16 05:31:21.7, 0.4, 15.81S, 69.27W, h245km, 3km, mb4.1/18, mb1 4.2/24, mb1mx4.1/33, mbtmp4.7/24, Error ellipse: s-maj=10.5km s-min=7.8km az=60.0

ISC 16 05:31:20.6, 0.4, 15.87S, 0.04:69.42W, h0.05, h243km, 4km, h243km, pP-P, b21, e138/661, mb4.4/110, 12C-ID, Peru-Bolivia border region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like LPaz, MMMC, MMMC, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like LCO, AODB, CLDB, etc.





Table of meteorological data for 16d 6h, including station names like SHPR, DBIC, KIC, SHOC, PSUT, etc., and associated numerical values.

Table of meteorological data for 2013 SEP, including station names like ESBB, YKA, YKRB, BOSB, MAW, etc., and associated numerical values.

Table of meteorological data for 886, including station names like PB02, PB07, PB03, etc., and associated numerical values.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer Olymp, Neumayer-Watz, SNA, SNA, SNA, etc.

ISK 16 06:13:25.8, 38.76N-27.51E, h13km, ML2, 1/6
DDA 16 06:13:25.6, 38.77N-27.49E, h7km, 2km, ML2.6
ISCJB 16 06:13:26.0, 38.76N-27.49E, 0.03, h2km, 6km, Error ellipse: s-maj=5.1km s-min=3.4km az=40.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AKHS, AKHS, AKHS, ZEDA, ZEDA, ZEDA, etc.

MEX 16 06:17:56.1, 0.7, 14.33N, 92.61W, h97km, 8km, MD3.5, Near coast of Chiapas

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

IDC 16 06:21:39.9, 1.1, 28.06N-127.84E, h118km, 10km, mb3.2/5, mb1 3.5/6, mb1mx3.3/4.4, mbtmp3.7/6, Error ellipse: s-maj=32.3km s-min=11.2km az=97.0

ISCJB 16 06:21:40.1, 0.5, 28.00N-127.82E, 0.05, h128km, 4km, mb3.3/5, Error ellipse: s-maj=8.9km s-min=4.1km az=30.4

JMA 16 06:21:41.6, 0.1, 28.09N-128.08E, h108km, 4km, M3.7

ISC 16 06:21:40.5, 0.8, 28.04N-127.81E, 0.06, h125km, 7km, n27.7, r1525/46, mb3.6/5, Ryukyuu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like JTK, JTK, JTK, JOKE, JOKE, JOKE, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ASAR, ASAR, ASAR, ILAR, ILAR, ILAR, etc.

GUC 16 06:24:13.3, 0.6, 22.47S-68.66W, h110km, 4km, ML3.6, 9C-1N, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LVC, LVC, LVC, PB09, PB09, PB09, etc.

MEX 16 06:26:33.8, 0.9, 16.62N-93.84W, h150km, 9km, MD3.7, Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TGIG, TGIG, TGIG, CMIG, CMIG, CMIG, etc.

Gll 16 06:35:39.0, 0.0, 34.97N-23.95E, h15km, MD3.7/1
IDC 16 06:35:40.4, 1.1, 34.88N-23.62E, h0km, mb3.9/9, Mb1 3.9/12, mb1mx3.7/5.3, mbtmp3.8/12, ML3.7/3, MS3.3/2, Ms1 3.3/2, ms1mx2.6/4.1, Error ellipse: s-maj=24.3km s-min=19.4km az=169.0

ISK 16 06:35:42.7, 34.70N-23.39E, h26km, ML4.0/11
THE 16 06:35:43.5, 34.76N-23.33E, h0km, ML3.8/3, Error ellipse: s-maj=4.4km s-min=2.0km az=245.0
ATH 16 06:35:44.9, 34.73N-23.47E, h36km, 1km, ML3.8/6, Error ellipse: s-maj=3.0km s-min=1.3km az=43.0

ISCJB 16 06:35:46.3, 0.7, 34.82N-23.61E, 0.05, h67km, 4km, mb3.7/9, Error ellipse: s-maj=10.3km s-min=5.2km az=26.9

NEIC 16 06:36:46.7, 1.6, 34.88N-23.47E, 0.04, h53km, 10km, earthModelID quakem/us.anss.org/earthmodel/ak135

DDA 16 06:36:36.4, 34.89N-23.79E, h21km, 1km, ML3.9

ISC 16 06:36:45.3, 1.1, 34.78N-23.52E, 0.05, h41km, 10km, n107.1, r171/105, mb4.0/13, Crete

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

IMMV comp=N, 52157um, 0.5s AML AML 06 36 06.9

IMMV comp=N, 16886um, 0.5s lera Moni Meta 0.78 29 PG Sn 06 36 01.0+2.2

IMMV comp=N, 17um, 0.7s lera Moni Meta 0.78 29 P Sn 06 36 00.9+1.0

IMMV comp=N, 10423um, 0.7s VAM Vamos 0.84 42 P Sn 06 36 02.0+1.2

IMMV comp=N, 14167um, 0.6s SIVA Sivas 1.09 77 P Sn 06 36 06.2+2.1

IMMV comp=N, 14391um, 0.7s SIVA Sivas 1.09 77 P Sn 06 36 06.1+2.0

IMMV comp=N, 19750um, 0.6s ANKY Antikythira Is 1.10 351 P Sn 06 36 04.6+2.2

IMMV comp=N, 2042um, 0.7s ANKY Antikythira Is 1.10 351 P Sn 06 36 02.1+2.9

IMMV comp=N, 2666um, 0.6s KTHA Kythira Island 1.52 346 P Sn 06 36 12.7+2.6

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like YER, YERkesik, YERkesik, TUR, TUR, TUR, etc.

TUR comp=N, 308um, 0.1s DALY Dalyan (Mula) 4.63 62 PN Pn 06 36 50.4-2.3

TUR comp=N, 219nm, 0.2s AKA Kas 5.17 72 i P Pn 06 37 01.2+0.8

TUR comp=N, 2.46nm, 0.3s KORT Korkeuelli 5.97 66 i P Pn 06 37 11.1-0.3

TUR comp=N, 2.538nm, 0.1s KHAL Karahalli 6.00 52 i P Pn 06 37 13.2+1.5

TUR comp=N, 4.6nm, 0.3s ISP Santa Cesarea 6.42 60 Pn Pn 06 37 18.0+0.6

TUR comp=N, 1.04nm, 0.1s TIP Timpano 6.97 311 Pn Pn 06 37 23.1-1.8

TUR comp=N, 2.0, 1mm, 0.3s, baz=236, slow=16.5, SNR=2.9 KZIT Kziot 9.93 110 Pn Sn 06 37 58.4-7.1

TUR comp=N, 2.72nm, 18.3s, baz=262, slow=42 EIL Elat 10.94 115 Pn Pn 06 38 17.5-1.8

TUR comp=N, 2.9nm, 0.3s, baz=270, slow=24, SNR=10 EIL Elat 10.94 115 Pn Pn 06 40 12.2-8.2

TUR comp=N, 2.1, 0nm, 0.3s, baz=274, slow=23, SNR=5.4 EIL Elat 10.94 115 Pn Pn 06 38 12.3-7.0

TUR comp=N, 2.0, 0.9nm, 0.3s, baz=158, slow=17, SNR=6.2 KHC Kaspershe Hov 16.11 336 e P Pn 06 39 32.5+0.9

TUR comp=N, 2.18nm, 1.9s BNI Bardonecchia 16.47 314 Pn Iamb Iamb 06 39 30.8-2.6

TUR comp=N, 2.21nm, 1.5s ESDC Sonseca Array 22.38 291 P P 06 40 41.0+0.9

TUR comp=N, 2.0, 0.4nm, 0.6s, baz=85, slow=11, SNR=3.8 HFC2 Hagfors New Arr 26.16 349 P P 06 41 15.1-0.5

TUR comp=N, 2.0, 0.9nm, 0.5s, baz=150, slow=9.8, SNR=10 FINES FINESS Array B 26.73 30 P P 06 41 19.5-1.2

TUR comp=N, 2.0, 0.9nm, 0.5s, baz=124, slow=9.2, SNR=4.5 EKA Eskdalemuir Ar 27.59 326 P P 06 41 28.9+0.4

TUR comp=N, 2.0, 0.4nm, 0.8s, baz=30, slow=9.1, SNR=4.8 TOA1 Torodi Arr. Sit 29.22 228 P P 06 41 45.9+2.6

TUR comp=N, 2.403nm, 0.1s ABKAR Akbulak array 30.36 50 P P 06 41 52.8-0.3

TUR comp=N, 2.5nm, 1.0s, baz=177, slow=8.5, SNR=11 KK31 Karatay Array 37.08 63 Iamb Iamb 06 42 50.5-1.1

TUR comp=N, 2.12nm, 1.9s KKAR Karatay Array 37.08 63 P P 06 42 50.3-1.3

TUR comp=N, 3.5nm, 0.8s BRVK Borovoye 37.53 46 P P 06 42 54.4-0.8

TUR comp=N, 2.0, 0.9nm, 0.5s, baz=305, slow=4.8, SNR=3.6 DLBC Dease Lake 84.53 346 LR LR 07 29 36.4

ISC 16 06:40:18.0, 0.6, 0.86N-106.126E, 0.05, h39km, n37, c088/43, mb4.1/15, Northern Molucca Sea

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like ASAR Alice Springs, JOW Kunigami, and MK32 Makanchi Array.

Table titled 'TRN 16:06:42:47.0, 19:16N:62:72W, h3km, MD3.6, Leeward Islands'. Columns include Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters.

NEIC 16:07:05:26.1±0.3, 6.65S:0.2:148.0E:0.1, h71km±18km, mb4.2/4, earthModelID quakem/us.anss.org/earthModel/ak135

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like PMG Port Moresby, COEN Coen, and WRAB Tennant Creek.

SJA 16:07:05:39.4±1.5, 35.25S:71.22W, h160km±23km, ML3.1, MW3.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like GO05 Huala, PUMA Malargue, and TOA1 Torodi Arr. Sit.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like AAGR Agrelo, ARCO CERRO ARCO, and RTVC Cerro Valdivia.

SJA 16:07:16:22.9±0.4, 24.01S:66.61W, h243km±17km, ML1.9, MW2.6

ISCBJ 16:07:16:26.7±0.7, 24.12S:0.05:66.85W:0.05, h181km, Error ellipse: s-maj=7.1km s-min=6.9km az=179.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like YJA Yavi, YJA LVC, and PB15 ILOC Station P.

IDC 16:07:19:52.7±1.3, 53.58N:165.66W, h0km, mb3.7/10, mb1.4/0.12, mb1mx3.8/5.4, mbtmp3.8/12, ML3.9/1, MS3.1/3, ms1.3/3, ms1mx3.4/3.3, mbtmp4.0/5, MS3.0/1, Ms1.3/0.1, ms1mx2.4/2.8, Error ellipse: s-maj=87.7km s-min=19.0km az=128.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like AKSA Akutan Strait, AHB Akutan Harbor, and AKUT Akutan.

NEIC 16:07:19:57.2±2.5, 44N:0.04:165.23W:0.02, h24km±5km, ML3.7, mb4.1/14(NEIC)

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like OKTA Okmok East E, OKTA Okmok West W, and OKTA Okmok.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like MDM Murphy Dome, HDA Harding Lake, and BALM Baldy.

IDC 16:07:24:27.0±3.7, 29.79S:178.59W, h108km, 32km, mb4.4/18, mb1.4/5.20, mb1mx4.4/3.2, mbtmp4.7/20, Error ellipse: s-maj=18.9km s-min=14.2km az=69.0

ISCBJ 16:07:24:30.0±0.5, 29.98S:0.04:178.86W:0.05, h141km±5km, mb4.6/37, Error ellipse: s-maj=8.6km s-min=4.6km az=34.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like LTX Lajitas, TXAR Lajitas Array, and TX31 Lajitas Arr. Si.

NEIC 16:07:24:30.8±2.0, 29.96S:0.08:178.83W:0.07, h45km±1km, mb4.6/64, earthModelID quakem/us.anss.org/earthModel/ak135

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like MOQ McQueen's Vall, MOZ McQueen's Vall, and RPZ Rata Peaks.

MOS 16:07:24:31.4±0.9, 29.79S:178.70W, h155km, mb4.6/13, Error ellipse: s-maj=14.8km s-min=13.8km az=66.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like RAO Raoul Island, RAO Raoul Island, and RAO Raoul Island.

Table with columns: RAR, Rarotonga, 19.11 67 S, S, 07 32 07.0 -4.3, etc. Includes stations like RAR, EIDS, TARA, CTA, etc.

Table with columns: CMB, Columbia Colle, 86.83 42 P, P, 07 36 57.6 -1.0, etc. Includes stations like CMB, GSC, WHN, YBH, etc.

Table with columns: GOF, Gofitskoye, 144.10 307f, ePKIKP, PKPbc, 07 43 47.2 +0.0, etc. Includes stations like GOF, LPSR, OBN, KIV, etc.

ISC 16 07:24:47.2±0.4, 55:75S±0.08; 124°2'W±0.1, h10km, mb4.2/11, MS4.7/20, Error ellipse: s-maj=11.1 km, s-min=8.9 km, az=170.5, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC Res, etc. Includes stations like PMSA, RPN, SBA, etc.



Table with columns: SIV, comp=N, 1.1nm, 0.3s, baz=219, slow=12, SNR=2.9, LR, Op, Pn, 09 08 13.6

MEX 16 09:16:07.0-0.6, 17.11N-95.18W, h117km, mb3.7, MD3.8, Oaxaca

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

WRA 0.2nm, 0.3s, baz=50, slow=11, SNR=12 S Sn 09 33 17.7 -15

ASAR Alice Springs 21.32 216 P P 09 30 41.5 +0.5

FITZ Fitzroy Cross 24.10 240 P P 09 31 10.3 +1.3

STKA Stephens Creek 25.65 192 P P 09 31 23.2 +0.2

TORD Torodi Ar. Bea 145.69 283 PKPbc 09 45 34.7 -0.8

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

URZ Urewera 8.63 200 P P 09 42 04.2 -0.2

URZ 0.8nm, 0.3s, baz=163, slow=19, SNR=11 S S 09 43 42.8 -0.8

WRA Warramunga Arr 43.14 273 P P 09 47 26.3 0.0

FINES FINES Array B 144.62 339 PKP 09 58 51.6 -0.6

KHAL Karahalli 3.44 32 i P Pn 09 57 09.9 +0.9

VLI Vellai 3.67 291 P Pn 09 57 13.0 +0.9

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

OSPA South Pole Qui 42.7 180 Op Pn 10 21 30.3 +1.5

URZ 2.3nm, 0.6s, baz=121, slow=1.9, SNR=17 LR 10 38 08.3

LPAZ La Paz 52.50 72 P P 10 22 45.2 -0.3

MAW Mawson 65.27 181 P P 10 24 12.3 -0.5

TXAR Lajitas Array 77.19 14 P P 10 25 29.3 +0.6

ASAR Alice Springs 83.18 242 P P 10 25 57.1 -0.9

NVAR Minn Array Bea 85.49 1 P P 10 26 10.8 +1.4

WRA Warramunga Arr 85.71 245 P P 10 26 10.0 -0.9

16C 16 10:13:29.9±0.7, 47.425N; 119.91W, h0km, mb4.0/8, mb1 4.3/8, mb1mx4.1/24, mbtmp4.0/8, MS3.5/1, Ms1 3.5/1, ms1mx2.9/16, Error ellipse: s-maj=33.6km s-min=21.9km az=114.0

ISCJB 16 10:13:30.2±0.7, 47.55S; 0.2-119.9W; 0.3, h10km, mb3.9/8, MS3.5/1, Error ellipse: s-maj=33.0km s-min=19.6km az=23.1

ISC 16 10:13:15.0±0.8, 47.45S; 0.2-119.8W; 0.2, h10km, n18, c1901/11, mb4.0/8, South Pacific Ocean

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

GERES Geres Array B 149.33 70 PKPbc PKPbc 10 33 18.9 -1.0

MLR Monte Rosu 156.46 82 PKPab PKPab 10 33 54.4 -0.4

MKAR Makanchi Array 164.93 276 PKPab PKPab 10 34 32.0 +0.4

NIED 16 10:24:00.36±20N, 139.80E, h56km, Mw3.8 Best double couple: M0: 76000x1014 N1: 252.00000, 841.00000, 1.107.00000, NP2: 50.00000, 852.00000, 1.76.00000

JMA Felt II J1, IDC 16 10:24:24.7±1.4, 36.08N; 139.64E, h55km; 13km, mb3.5/0, mb1 3.6/11, mb1mx3.5/53, mbtmp3.8/11, MS2.7/2, MS1 2.7/2, ms1mx2.4/20, Error ellipse: s-maj=17.5km s-min=7.7km az=62.0

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

JYT Yasato 0.34 75 Op Pn 10 24 34.0 -0.5

16d 11h

Table with columns: Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like VRTB Varto-Mus, BINGOL, KARO Karliova-Bingo, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like TBLG Delisi, GDB GEDABAY, GDB Gaziantep, etc.

892

Table with columns: Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like TOA1 Torodi Ar. Sit, TORO Torodi Ar. Bea, SONM Songino Array, etc.

ISC/JB 16:46:35.7±1.5, 14.4N, 0.1±91.91W, 0.08, h2km, 14km, Error ellipse: s-maj=22.8km s-min=5.6km az=33.8

MEX 16:10:46:36.9±0.5, 14.42N, 91.83W, h78km, 6km, MD3.6

ISC 16:46:36.5±2.3, 14.5N, 0.1±91.89W, 0.10, h77km, 18km, n8, 0.84Z/15, Guatemala

Table with columns: Code, Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like THIG THIG, FUGO Fuego 3, PCG Pacaya, etc.

GCG 16:10:51:15.0±0.7, 15.30N, 91.80W, h35km, 820km, MD3.5, Mexico-Guatemala border region

Table with columns: Code, Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like STG3 Santiago 3, FUG Fuego 3, IXP Ixpaco, etc.

WEL 16:10:56:41.5±0.5, 42.3S, 177.4E, h5km, M3.4/13, ML3.6/11, MLv3.4/13, Error ellipse: s-maj=0.0km s-min=0.0km az=3.5, Cook Strait

Table with columns: Code, Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like BSWS Blackbirch Sta, CMWZ Cape Campbell, TUWZ Tuamarina, etc.

CRAAG 16:11:09:56.2, 36.58N, 6.49E, M13.5

MDD 16:11:09:58.0±0.5, 36.61N, 6.49E, h0km, mb4.2/22, Error ellipse: s-maj=6.1km s-min=4.7km az=75.0, PRXIMO

LDG 16:11:02:02.6±0.4, 36.84N, 5.32E, h2km, M3.5/10, Error ellipse: s-maj=9.9km s-min=3.4km az=133.0

ISC 16:11:09:55.8±1.0, 36.71N, 0.05±6.53E, 0.05, h10km, n53, 0.300Z/73, Northern Algeria

Table with columns: Code, Station Name, Frequency, Power, Band, Modulation, and other technical details. Includes stations like CASM Ain Smara, DFRM Djebel Bou Aff, DFRF Djebel Bou Aff, etc.





Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like TOLK Toolik Lake Re, MAJO Matushiro, MAJO Matushiro, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like WMQ comp=Z,21nm,0.7s, WMQ comp=Z,110nm,8.1s, WMQ comp=Z,260nm,23.9s, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like RSSD Black Hills, BFSC Mount Baldy Ra, TUQ Turquoise Moun, etc.

Table with columns: KIV, Kislodovsk, 68.24 317, eP, P, 11 59 18.8 -1.5, etc. Includes stations like KIV, Yellville, Khabaz, etc.

Main table with columns: FITZ, Fitzroy Crossi, 79.83 215, P, P, 12 00 27.6 -0.4, etc. Includes stations like FITZ, PMOR, AS31, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ARBE, VASULA, VJF, etc.









Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KONO, KONGSBERG, FIAO, FINES, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SPA0, SPITSBERGEN AR, DBIC, DIMBOKRO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BMAR, BURNT MOUNTAIN, N54A, MORAINES STATE, etc.

Table of station data for stations 901-999. Columns include Code, Station Name, Azimuth, Phase ID, and Time Res.

ISJCJB 16 14:57:38.5, 0.0, 8.86S, 0.06E, 131.42E, 0.05, h10km, mb3.8/2, Error ellipse: s-maj=8.1km s-min=7.0km az=14.0  
IDC 16 14:57:39.1, 2.6, 0.84S, 131.28E, h0km, mb3.8/2  
mb1 4.1/4, mb1mx3.6/37, mbtmp3.9/4, ML3.8/2, MS2.9/1, Ms1 2.9/1, ms1mx2.4/7.1, Error ellipse: s-maj=128.3km s-min=24.8km az=75.0  
NEIC 16 14:57:42.0, 1.2, 1.05S, 0.1x130.9E, 0.1, h15km, 6km, mb4.5/5, earthModelID quakeml:us.nssl.org/earthmodel/ak135  
DJA 16 14:57:46.7, 1.0, 1.1S, 7.13E, h10km, M4.2/6, MLv4.2/6  
ISC 16 14:57:40.8, 1.1, 0.99S, 0.08E, 131.30E, 0.06, h10km, n23, c2s40/23, mb4.0/4, Irian Jaya region

Table of station data for stations 1000-1999. Columns include Code, Station Name, Azimuth, Phase ID, and Time Res.

Table of station data for stations 2000-2999. Columns include Code, Station Name, Azimuth, Phase ID, and Time Res.

Table of station data for stations 3000-4999. Columns include Code, Station Name, Azimuth, Phase ID, and Time Res.



16d 15h

2015 SEP

902

Table with columns for flight codes (LIT, LIT, LIT, etc.), destinations (comp=N,3470um,0.7s), status (AML, AML), dates (15 02 09.6), and flight details (MRRM Marmara Adasi, 4.21 82 PN, 15 02 19.4 +0.4, VRI Vrcincoia, 7.75 21 P, 15 03 09.7 +2.2).



16d 15h

2013 SEP

904

Table with columns: Station, Frequency, Power, SNR, and other technical details. Includes stations like BER Bergen, ASK Askoy, KLMR Klimovskoe, etc.

Table with columns: Station, Frequency, Power, SNR, and other technical details. Includes stations like KURK Kurchatov, TIC Toumudi, KIL Kosan Boka, etc.

Table with columns: Station, Frequency, Power, SNR, and other technical details. Includes stations like RES Resolute Bay, HAL Halifax, HAL Halifax, etc.



Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like YSS, V52A, T50A, X54A, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Y49A, CCM, Z50A, PLAL, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PV22, PV07, PV21, etc.

MEX 16:15:12.25:2.0,3,27.76N x 105.69W, h16km, 5km, MD4.2. Northern Mexico. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res.

ISCJB 16:15:15.45:9.0,3,38.74N:0.01:22.71E:0.02,h10km,2km, mb3.6/b. Error ellipse: s-maj=2.5km s-min=2.2km az=11.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AXAR, LKR, ATAL, etc.





Table of astronomical observations including station names (e.g., KOLS, KWP, MORH), station coordinates, observation dates, and various parameters like SNR and RA/Dec.

Table of astronomical observations including station names (e.g., ZAAO, ZAAO, ZALV, ZALV), station coordinates, observation dates, and various parameters like SNR and RA/Dec.

Table of astronomical observations including station names (e.g., DBIC, DBIC, DBIC), station coordinates, observation dates, and various parameters like SNR and RA/Dec.

TEH 16 16:08:17.3, 32°55'N-49°59'E, h10km, ML3.7
ISCJB 16 16:08:19.1, 0.4, 32°55'N-0.03-49°60'E, 0.04, h19km, mb3.9/6, Error ellipse: s-maj=5.2km s-min=3.9km az=30.1
IDC 16 16:08:19.6, 9.0, 32°36'N-49°45'E, h59km, 63km, mb3.6/6, Error ellipse: s-maj=81.5km s-min=25.3km az=24.0

Table with 6 columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Contains station names like SHGR, JHBN, IPIR, ZNGN, etc.



Table of astronomical data for 16d 17h, listing objects like KER, IRAZ, HSRG, etc., with columns for name, magnitude, RA, Dec, and other parameters.

ISCJB 16 16:13:09.7, 0.3, 38.70N, 0.02, 22.72E, 0.02, h8km, 2km, Error ellipse: s-maj=2.8km s-min=2.3km az=26.8

Table of astronomical data for 16d 17h, listing objects like AXAR, ATAL, DSF, etc., with columns for name, magnitude, RA, Dec, and other parameters.

Table of astronomical data for 2013 SEP, listing objects like LOUT, LAKA, SKIA, etc., with columns for name, magnitude, RA, Dec, and other parameters.

ISCJB 16 16:13:10.1, 0.8, 38.70N, 0.02, 22.72E, 0.02, h11km, 6km, n66, 0.067/99, Greece

Table of astronomical data for 2013 SEP, listing objects like GUC, COCH, CCHI, etc., with columns for name, magnitude, RA, Dec, and other parameters.

Table of astronomical data for 910, listing objects like SIMA, KULA, MANT, etc., with columns for name, magnitude, RA, Dec, and other parameters.

ISK 16 16:29:48.8, 37.34N, 37.11E, h7km, ML2.3/7 Error ellipse: s-maj=7.5km s-min=4.2km az=29.5

Table of astronomical data for 910, listing objects like Code, Station Name, etc., with columns for name, magnitude, RA, Dec, and other parameters.

MEX 16 17:50:35.4, 0.5, 16.37N, 98.23E, h10km, 4km, MD3.5

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

NIED 16 17:50:00, 45.20N, 149.50E, h59km, Mw3.8 Best double couple: Ms: 17000:1014 NP1:214.00000, 3.32.00000, 1.46.00000, NP2:334.00000, 3.73.00000, 1.63.00000, ISCJB 16 17:50:36.10, 6.44, 22.771, 0.09, 149.68E, 0.08, h59km, ms3/6, MS2.8/1, Error ellipse: s-maj=14.3km s-min=4.7km az=153.0

JMA 16 17:50:37.5, 0.45, 25.22N, 149.52E, h30km, M4.6 IDC 16 17:50:38.6, 2.9, 44.96N, 149.53E, h60km, 28km, mb3.3/6, mb1 3.7/10, mb1mx3.4/42, mbtmp3.6/10, ML3.0/4, MS2.6/4, Ms1 2.6/4, ms1mx2.4/21, Error ellipse: s-maj=34.9km s-min=16.7km az=142.0

SKHL 16 17:50:38.7, 0.6, 45.01N, 149.53E, h50km, 9km, mb5.1/2 ISC 16 17:50:37.1, 0.8, 44.72N, 0.08, 149.76E, 0.07, h50km, n41, e232/51, mb3.6/6, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, YUK 99nm, 0.4s.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LAGR Lagunnoye, NEM2 Nemuro 2, NEMR Nemuro-Hokkai, JNK Nakash, JNK Akkeshi.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JTRK Ashorobuto, JAR Maruseppu, JMB Onuseppu, JCH Churui, JCH Kamakawa 2, ASAJ Ashihikawa.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ASAJ baz=171, slow=19, SNR=1.6, ASAJ baz=2.58nm, 18.1s, baz=144, slow=35, JNB Furan, JNBK Urukawa-nobuka, JB72 Biratori 2.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JNB Noboribetsu, JNB Kayabe, JYM2 Yakumo 2, JANG Nango, JTM Tenhabayashi, JTM Tanohata, JTH Tanohata, JTH JOSH Okushiri-Mats, JIO Ouri, JIO PETK Petropavlovsk-1.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MJAR Matsuhiro Arr, KSRS Korea Array, KSRS WAKE ISLAND Hy 28.71 145 T, H1N2 WAKE ISLAND Hy 28.72 145 T, H1N1 WAKE ISLAND Hy 28.72 145 T, H1N3 WAKE ISLAND Hy 28.72 145 T, H1S1 WAKE ISLAND Hy 29.73 146 T, H1S3 WAKE ISLAND Hy 29.73 146 T, H1S2 WAKE ISLAND Hy 29.75 146 T, SONM Songoing Array 29.84 292 LR, ILAR Eielson Array 39.59 37 P, MKAR Makanchi Array 45.80 298 P, CMAR Chiang Mai Arr 49.59 255 P, WRA Warramunga Arr 65.87 196 P, PDAR Pinedale Array 67.85 51 P, TXAR Lajitas Array 80.55 58 P.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, TGIG Vista Hermosa, VHO Vista Hermosa, HUG Huatulco, PCIG Comitan, CCIG Comitan.

IDC 16 18:00:55.4, 1.7, 4.20N, 126.65E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/35, mbtmp3.6/6, ML3.5/1, Error ellipse: s-maj=81.9km s-min=24.5km az=64.0, ISCJB 16 18:00:59.7, 0.9, 4.3N, 0.2, 127.1E, 0.2, h45km, mb3.5/5, Error ellipse: s-maj=42.9km s-min=7.5km az=144.4, ISC 16 18:01:01.9, 1.1, 4.2N, 0.2, 127.0E, 0.3, h45km, n7, e091/8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KCP Kidapawan, KJIP Sorong, SJUI Sulu, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

IDC 16 18:16:38.1, 3.0, 27.90N, 142.02E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/29, mbtmp3.7/4, MS2.6/1, Ms1 2.6/1, ms1mx2.2/37, Error ellipse: s-maj=130.2km s-min=34.2km az=76.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DAV Davao City (W), WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, FINES FINES Array B.

ISCJB 16 18:25:45.0, 1.7, 6.6S, 0.2, 151.5E, 0.2, h30km, mb3.2/4, Error ellipse: s-maj=4.1km s-min=7.3km az=32.1, IDC 16 18:25:49.1, 3.2, 6.40S, 151.33E, h56km, 21km, mb3.1/4, mb1 3.3/6, mb1mx3.2/28, mbtmp3.4/6, ML1.4/1, Error ellipse: s-maj=71.9km s-min=9.4km az=124.0, ISC 16 18:25:45.0, 2.2, 6.45S, 0.2, 151.6E, 0.3, h30km, n7, e197/9, mb3.3/4, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKAR Makanchi Array, TORD Torodi Arr.

ISCJB 16 18:48:55.0, 4.0, 1.1, 84N, 0.06, 141.69E, 0.06, h51km, mb4.1/13, MS3.2/9, Error ellipse: s-maj=9.3km s-min=7.6km az=136.1, IDC 16 18:48:57.6, 2.9, 1.188N, 141.76E, h53km, 27km, mb3.8/13, mb1 4.0/14, mb1mx3.8/43, mbtmp4.1/14, ML3.8/1, MS3.2/13, Ms1 3.2/13, mb1mx3.0/37, Error ellipse: s-maj=19.8km s-min=13.2km az=96.0, NEIC 16 18:48:59.0, 2.0, 1.1, 91N, 0.1, 141.7E, 0.1, h65km, 7km, mb4.6/16, earthModelID1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUM0 Guam, GUM0 8.3nm, 0.3s, baz=23, slow=23, SNR=1.7, GUM0 comp=2, 152nm, 19.7s, baz=228, slow=42, JCJ Chichijima, DAV Davao City (W), KRVT Keravat (AS076), JHV Hachiojima 2, PMG Port Moresby, JNU Nakatsue, MJAR Matsuhiro Arr, MJAR Matsuhiro Arr, MAJO Matsuhiro, H1N1 WAKE ISLAND Hy 25.49 69 T, H1N2 WAKE ISLAND Hy 25.45 69 T, H1N3 WAKE ISLAND Hy 25.46 69 T, KSRS Korea Array, WRI Warramunga Arr, WRI Warramunga Arr, WRA Warramunga Arr, USA0B USSuriyarr Arr, USA0B USSuriyarr Arr, USA0K USSuriyarr Arr, USR1 USSuriyarr Arr, USR3 Alice Springs, USR1 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, MKY2 Yakutsk, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, NIL Nilore, NIL Nilore, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array.

ISC 16 18:48:57.0, 6.1, 1.36N, 0.09, 141.71E, 0.09, h51km, n60, e1909/53, mb4.5/22, MS3.1/9, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUM0 Guam, GUM0 8.3nm, 0.3s, baz=23, slow=23, SNR=1.7, GUM0 comp=2, 152nm, 19.7s, baz=228, slow=42, JCJ Chichijima, DAV Davao City (W), KRVT Keravat (AS076), JHV Hachiojima 2, PMG Port Moresby, JNU Nakatsue, MJAR Matsuhiro Arr, MJAR Matsuhiro Arr, MAJO Matsuhiro, H1N1 WAKE ISLAND Hy 25.49 69 T, H1N2 WAKE ISLAND Hy 25.45 69 T, H1N3 WAKE ISLAND Hy 25.46 69 T, KSRS Korea Array, WRI Warramunga Arr, WRI Warramunga Arr, WRA Warramunga Arr, USA0B USSuriyarr Arr, USA0B USSuriyarr Arr, USA0K USSuriyarr Arr, USR1 USSuriyarr Arr, USR3 Alice Springs, USR1 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, MKY2 Yakutsk, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, NIL Nilore, NIL Nilore, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array.

ISCJB 16 19:10:36.3, 1.2, 7.2S, 0.1, 119.3E, 0.1, h250km, mb3.6/3, Error ellipse: s-maj=22.6km s-min=11.9km az=150.3, IDC 16 19:10:40.1, 3.2, 7.37S, 119.52E, h272km, 30km, mb3.1/3, mb1 3.3/7, mb1mx3.1/32, mbtmp4.0/7, Error ellipse: s-maj=158.0km s-min=18.5km az=63.0, ISC 16 19:10:37.9, 1.4, 7.45S, 0.1, 119.3E, 0.2, h250km, n7, e180/9, mb3.7/3, Flores Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BATI Baunata, BATI Baunata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, SIJI Sorong, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

ISCJB 16 19:17:35.1, 1.1, 5.6S, 0.2, 27.3W, 0.5, h10km, mb3.8/2, MS3.6/2, Error ellipse: s-maj=47.7km s-min=14.6km az=157.1, IDC 16 19:17:37.8, 4.7, 5.5, 46S, 27.49W, h0km, mb3.8/2, mb1 3.9/2, mb1mx3.6/15, mbtmp3.8/2, MS3.6/2, Ms1 3.6/2, ms1mx0.2/22, Error ellipse: s-maj=159.1km s-min=52.1km az=170.0, ISC 16 19:17:36.8, 1.1, 5.6S, 0.2, 27.5W, 0.3, h10km, n9, e1916/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNAAS Snares, BOSAB Bosha, LPAZ La Paz, DBIC Dimbokro, TORD Torodi Arr, ILAR Eielson Array.

MEX 16 19:27:34.0, 0.9, 16.90N, 100.04W, h37km, 13km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, CAIG El Cayaco, MEIG Mezcala, MEIG Mezcala, ARIG Puento Sto Nin.

MEX 16 19:27:34.0, 0.9, 16.90N, 100.04W, h37km, 13km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, CAIG El Cayaco, MEIG Mezcala, MEIG Mezcala, ARIG Puento Sto Nin.

16d 20h

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes rows for ARIG, PLIG, and PLIG.

MEX 16 19:50:38.2+0.5,31.92N x 113.98W, h16km, 999km, MD3.8, Gulf of California

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes rows for SPIG, SP1G, HSIg, and HSIg.

MEX 16 19:56:29.5+0.9, 17.55N-99.53W, h5km, MD3.6, Guerrero

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes rows for MEIG, PLIG, CAIG, TLIG, ARIG, ZIIG, MOIG, and MOIG.

ISCJB 16 20:02:09.4+0.4, 43.82N-103.105W, 0.0'05, h7km, mb3.8/2, Error ellipse: s-maj=5.5km s-min=4.0km az=164.8

NEIC 16 20:02:09.6+1.6, 43.85N-105.105W, 0.03, h0km, 1km, ML3.2/65, earthModellD

quakeml.us.anss.org/earthmodel/ak135

ISC 16 20:02:10.2+1.0, 43.95N-105.68W, h0km, mb3.8/2, mb1 3.7/7, mb1mx3.5/48, mbtmp3.5/7, ML3.0/5, Ms2.4/1, Ms1 2.4/1, ms1mx1.9/43, Error ellipse: s-maj=23.2km s-min=15.0km az=148.0

ISC 16 20:02:10.8+0.4, 43.83N-105.32W, 0.05, h7km, n69, s=152/68, Wyoming

Large table listing seismic stations with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like Black Hills, Casper, Pilot Hill, Rawlins, Boulder Array, etc.

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Table listing seismic events with columns: T25A, ULM, ULM, ULM, NEW, NV01, NV01, YBH, TXAR, ZAA1, ZALV, MK32, MKAR. Includes details like magnitude, depth, and location.

ISC 16 20:02:38.6+4.3, 52.52N-175.72E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.4/57, mbtmp3.5/5, ML1.6/1, Error ellipse: s-maj=216.0km s-min=23.7km az=7.0, Rat Islands

Table listing seismic stations for the Rat Islands event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like PETK, H1N2, H1N1, H1S1, H1S3, H1S2, NVAR, PDAR, MKAR, TXAR.

ISC 16 20:06:16.0+1.5, 4.08N-126.71E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/39, mbtmp3.6/5, ML3.5/1, Error ellipse: s-maj=68.8km s-min=20.7km az=62.0

ISCJB 16 20:06:21.4+0.7, 3.20N-126.5E, 0.12, h5km, mb3.5/4, Error ellipse: s-maj=29.0km s-min=6.0km az=147.6

ISC 16 20:06:23.6+0.9, 3.7N-126.4E, 0.2, h5km, n11, s=354/12, mb3.5/4, 1C-1D, Talaud Islands

Table listing seismic stations for the Talaud Islands event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like DDMP, GSPH, SKMP, KIDAP, CTB, BUKP, SJJI, SJJI, FITZ, WRA, ASAR, MKAR.

ISC 16 20:06:33.9+4.8, 3.20S-100.15E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/41, mbtmp3.5/4, Error ellipse: s-maj=198.0km s-min=24.5km az=56.0, Southern Sumatara

Table listing seismic stations for the Southern Sumatara event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like H0S2, H0S3, H0S1, WRA, ASAR, SONM, MKAR.

ISC 16 20:07:20.5+4.6, 3.01S-100.34E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/41, mbtmp3.3/4, Error ellipse: s-maj=183.3km s-min=25.4km az=57.0, Southern Sumatara

Table listing seismic stations for the Southern Sumatara event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like H0S2, H0S3, H0S1, WRA, ASAR, SONM, MKAR.

ISC 16 20:14:10.1+0.9, 50.01S-115.60E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.8/28, mbtmp3.8/5, Ms3.2/4, Ms1 3.2/4, ms1mx2.9/17, Error ellipse: s-maj=52.9km s-min=20.7km az=118.0, Western Indian-Antarctic Ridge

Table listing seismic stations for the Western Indian-Antarctic Ridge event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W1, H01W3, NWA0, STAR, ASAR, MAW, FITZ, WRA, SNA, H0S2, H0S1, H0S3.

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Table listing seismic stations for the top right section with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, TXAR, ANMO, PDAR.

ISC 16 20:25:58.7+9.1, 4.13S-145.02E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/24, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=92.2km s-min=23.6km az=114.0, Near north coast of New Guinea

Table listing seismic stations for the Near north coast of New Guinea event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, FITZ, MJAR, ILAR.

SOME 16 20:40:39.2, 39.27N-77.17E, h15km, NNC 16 20:40:39.1, 7.39, 37N-77.0E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=11.2km s-min=10.8km az=3.0

ISC 16 20:40:41.6+3.4, 39.5N-107.17E, 0.07, h10km, n24, s=208/34, 1C-1D, Southern Xinjiang

Table listing seismic stations for the Southern Xinjiang event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like TNSS, TNSS, TNSS, TNSS, IZV, IZV, IZV, IZV.

ISC 16 20:40:41.6+3.4, 39.5N-107.17E, 0.07, h10km, n24, s=208/34, 1C-1D, Southern Xinjiang

Table listing seismic stations for the Southern Xinjiang event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like KST, KST, KST, KST, AAK, AAK, SATY, SATY, SATY, SATY.

ISC 16 20:40:41.6+3.4, 39.5N-107.17E, 0.07, h10km, n24, s=208/34, 1C-1D, Southern Xinjiang

Table listing seismic stations for the Southern Xinjiang event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like DGS, DGS, DGS, DGS, DGS, DGS, UZB, UZB, UZB, UZB.

ISC 16 20:40:41.6+3.4, 39.5N-107.17E, 0.07, h10km, n24, s=208/34, 1C-1D, Southern Xinjiang

Table listing seismic stations for the Southern Xinjiang event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like KPKS, KPKS, KTBS, KTBS, KTBS, KTBS, PDGK, PDGK, PDGK, PDGK.

ISC 16 20:40:41.6+3.4, 39.5N-107.17E, 0.07, h10km, n24, s=208/34, 1C-1D, Southern Xinjiang

Table listing seismic stations for the Southern Xinjiang event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like SGDS, SGDS, CHHK, CHHK, CHHK, CHHK, ARXS, ARXS, ARXS, ARXS.

ISC 16 20:42:28.1+1.1, 36.20N-139.96E, h5km, mb3.5/2, mb1 3.7/2, mb1mx3.3/37, mbtmp3.5/2, Error ellipse: s-maj=57.6km s-min=28.0km az=40.0

Table listing seismic stations for the h5km event with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res, ISC. Includes stations like JMA, JMA, JMA, JMA, JMA, JMA, JMA, JMA, JMA, JMA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJHK Hiroka, JFT Otama, JFT JFT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTKR Abashiri-Toko, JTKR JTKR, JAR Ashorobuto, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N1 ASCENSION HYDR61.57, H10N2 ASCENSION HYDR61.58, etc.

ISK 16:20:59-40.8, 38.97N-43.50E, h3km, ML2.4/6
ISCJB 16:20:59-42.5, 0.39, 0.01N, 0.07, 43.5E, 0.1, h11km, 10km,
Error ellipse: s-maj=18.2km s-min=5.4km az=33.8

ISCJB 16:21:09-02.6, 0.3, 59.80S, 0.05:58.8W, 0.1, h10km,
mb4.2/1.0, MS3.6/6, Error ellipse: s-maj=10.1km
s-min=5.1km az=142.5

ROM 16:21:17:58.4+0.3, 42.07N, 0.01:15.44E, 0.02, h4km,
ML3.0/2.0, Error ellipse: s-maj=1.8km s-min=0.9km
az=37.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, CLDR Caldiran, CLDR Caldiran, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Elieson Array, MKAR Makanchi Array, CMAR Chiang Mai Arr, etc.

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

NIED 16:21:06:00.43, 60N-147.30E, h56km, Mw3.8 Best double
couple: M5.37000x1014 NP130x65.00000, delta.100000,
lambda.149.00000, NP230x175.00000, delta.67.00000, lambda.44.00000

ISCJB 16:21:09:02.6, 0.3, 59.80S, 0.05:58.8W, 0.1, h10km,
mb4.2/1.0, MS3.6/6, Error ellipse: s-maj=10.1km
s-min=5.1km az=142.5

ISCJB 16:21:09:02.6, 0.3, 59.80S, 0.05:58.8W, 0.1, h10km,
mb4.2/1.0, MS3.6/6, Error ellipse: s-maj=10.1km
s-min=5.1km az=142.5

JMA 16:21:06:00.6, 0.2, 43.59N, 147.25E, h35km, M4.2
MOS 16:21:06:00.7, 1.2, 43.80N, 147.19E, h7km, mb4.5/1, Error
ellipse: s-maj=13.4km s-min=12.4km az=50.7

ISCJB 16:21:09:02.6, 0.3, 59.80S, 0.05:58.8W, 0.1, h10km,
mb4.2/1.0, MS3.6/6, Error ellipse: s-maj=10.1km
s-min=5.1km az=142.5

ISCJB 16:21:09:02.6, 0.3, 59.80S, 0.05:58.8W, 0.1, h10km,
mb4.2/1.0, MS3.6/6, Error ellipse: s-maj=10.1km
s-min=5.1km az=142.5

ISC 16:21:06:00.1, 1.3, 43.68N, 0.06:147.31E, 0.06, h48km, 12km,
n48, r1937/59, mb3.8/1.0, MS3.1/3, 1C-4D, Kuril Islands

ISC 16:21:09:02.6, 0.3, 59.80S, 0.05:58.8W, 0.1, h10km,
n49, r1946/51, mb4.6/1.4, MS3.6/6, 1C, Scotia Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

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

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



Table with columns: RTR, CEVE, El Retiro, Cerro Verde, comp-Z, 20um, 0.3s, San Blas, San Jose, UEES, Serv Nac Est T, Serv Nac Est T, APG, Oficina de Pla, Alcaldia de Cs, Montecristo, La Fuente, Las Pavas, Centro de Oper, THIG, Comit de Eme, Paca, JUCU, LCND, CNCH, CCIG, PCIG, TGIG, ESTN, CMIG, ACON, JTS, TEIG, 0622, 0612, 058A, 059A, DWPR, 656A, 553A, 451A, BRAL, ROSO, NATX, 250A, 147A, 356A, HPIG, 253A, WHTX, 254A, LRAL, LRAL, 152A, 152A, TX31, TX32, TXAR, TXAR, Z50A, W50A, WLAR, SDV, Z51A, Z52A, 155A, Y49A, Z53A, ABTX, GOGA, GOGA, Y51A, MIAR

Table with columns: X48A, X48A, X48A, Y52A, Y52A, Y52A, X37A, FPAL, Z56A, PLAL, Y54A, WHAR, WHAR, W93A, W93A, W39A, W49A, X52A, X53A, SWET, SWET, Z58A, W50A, W51A, X54A, FCAR, FCAR, W52A, W52A, WMOK, WMOK, W48A, W48A, LCAR, LCAR, V49A, MNTX, MNTX, V50A, X56A, WVT, WVT, TUL1, W54A, U40A, U40A, HHAR, TKL, V52A, U49A, W56A, U50A, AMTX, V54A, U51A, U51A, W57A, U52A, W58A, TZTN, TZTN, V55A, V55A, V55A, U53A, X60A, T49A, T50A, V56A, S44A, T51A, U54A, V57A, V57A, CCM, CCM, U55A, V58A, V58A, 121A, 121A, S49A, T54A, V59A, S51A, WCI, WCI, U57A

Table with columns: BNM, R49A, U58A, R50A, LENM, T59A, Q51A, Q51A, Q51A, TUC, TUC, P50A, Q54A, O48A, O49A, O50A, 214A, ACSO, O52A, N48A, N49A, M49A, WUAZ, N56A, BC3, GMRC, G39A, CLWO, SADO, E43A, J59A, MPMC, I57A, KLBO, I58A, F49A, G53A, BUKO, BW06, PDAR, PDAR, PDAR, PLVO, F51A, F52A, D46A, ALGO, E51A, ORHO, REDW, E54A, D51A, NVAR, NVAR, NVAR, KVN, KVN, D54A, D55A, ULM, LSQO, LPAZ, M03E, M02D, M04C, M02C, L04D, J05D, I04A, K02D, J01E, SIV, I02D, D03D, SCHQ, PLCA, ILAR, ILAR, BMAR, ESDC, DBIC, TORD, KURSB, KRSR, BOSA, MKAR, LZH







16d 22h

Table with columns for station call letters, frequency, and signal strength. Includes stations like KSH, CN2, CN2, CN2, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like YSS, AKTO, ARU, ARU, ARU, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like PRAR, TESCA, ICOR, VRI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Grafenberg Arr, Abfalterbach, Wattenberg, Walderalm, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PRU 16:22:52:38.8,0.0,50:32N:18:90E, Chorowz, Ojcow, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Nanjing, Ta-pu, Quanzhou, Vladivostok, Wuhuan, etc.



Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like VAS01, CAM01, PTGA, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KAPI, WBSI, SPSI, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KMI, KSAR, WJNY, etc.

BUI 16 23:25:41.2±0.0, 7.94S:128.85E, h153km, mb4.7/41, mb4.8/24
ISCJB 16 23:25:46.0±0.2, 7.40S:102.428E, h151km, mb4.7/28, Error ellipse: s-maj=3.7km s-min=3.0km az=176.9
IDC 16 23:25:47.9±1.4, 7.37S:128.37E, h152km, 12km, mb4.2/12, mb1.4/16, mb1mx2.2/29, mbtmp4.8/16, MS2.3/2, Ms1.3/2.2, ms1mx2.7/25, Error ellipse: s-maj=13.5km s-min=8.7km az=94.9
NEIC 16 23:25:48.4±1.9, 7.42S:102.06E:128.41E:0.06, h162km, 3km, mb4.8/49, earthModelID quakeml.us.anss.org/earthmodel/ak135
DJA 16 23:25:49.3±0.2, 8.2S:2.12E, h141km, 6km, M4.9/32, mb5.1/23, mb5.4/18, MLV5.2/16, Mw(mb)4.8/18
KLM 16 23:25:51.0, 7.65S:128.07E, h152km, mb4.9
ISC 16 23:25:51.7±0.3, 7.47S:104.128E:0.04, h151km, n198, e177/212, mb4.7/40, 2C-2D, Banda Sea

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like SAUI, ENDI, AAI, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like PMG, MTSU, SBUM, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like PETK, MK31, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ULM, MNTX, TXAR, TORO, TOA1, PLCA, JCT, U40A, DBIC, CLTN, CPUP, CPUP, LPAZ, LPAZ.

IDC 16 23:38:20.6:25.0, 16:41S:173:36W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.9/30, mb1tmp2.4, Error ellipse: s-maj=468.5km s-min=164.5km az=70.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CTA, STKA, WRA, ASAR.

DJA 16 23:58:21.7:0.9, 0'S:4:12'E, h126km, M3.5/4, ML3.5/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like LUWI, APSI, SANI.

LDG 17 01:12:27.7:0.1, 43:09N:12:77E, h15km, Md2.5/2, M2.5/10, Error ellipse: s-maj=2.6km s-min=1.8km az=26.0

ISCJB 17 01:12:29.4:0.2, 43:10N:0:01:12:91E, h17km, 1km, Error ellipse: s-maj=2.2km s-min=1.6km az=146.2

ROM 17 01:12:29.2:0.0, 43:09N:0:00:12:907E, h10km, 1km, ML3.0/52, Error ellipse: s-maj=0.3km s-min=0.1km az=245.0

PRU 17 01:12:30.8:0.0, 43:10N:13:77E, h10km, 1km, 12:19.2:19.8, 43:07N:0:01:12:88E, h15km, 4km, n124, s1556/171, Central Italy

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CESI, SEF1, FIU1, FDMO, FEMA.

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FEMA, CRM1, SNTG, ATCC, GAG1, MDAR, CSP1, FOSV, ARVD.

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NRCA, MURB, MOMA, ATFO, SSFR, CING, TRE1, ATTE, ARVD.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Monte Civitelli, Fagnano, Montecelio, Asqua, Cerreto Rufina, Introdocacqua, Castel Frentan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Malga Bisina, Acomizza, Quiliano, Ston, Kohlern, Terra Mystica, etc.

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





Table with columns: UCH, AML, BOOM, BTK, AAK, AAR, ARK, KBK, KDJ, KDK, EKS2, EKS2, FRU1, MRKS, MRKS, MRKS, TKM2, TKM2, TKM2, CHMS, CHMS, GAR, KST, KST, KST, USP, USP, IZV, IZV, DGS, DGS, DGS, TNS5, TNS5, TNS5, ANVS, ANVS, SGDS, SGDS, MDOK, MDOK, MDOK, MDOK, AAA, AAA, KNDC, KNDC, KTBS, KTBS, KTBS. Each row contains station name, frequency, power, and other technical details.

Table with columns: IUG, IUG, IUG, SATY, SATY, KUU, KUU, CHKK, CHKK, CHKK, KK31, KK31, KK31, KKAR, PDGK, PDGK, ARXS, ARXS, ARXS, BTLS, BTLS, BTLS, CHCP, NIL, DJR, DJR, DJR, CEP, KAPS, KAPS, THW, DHRM, DHRM, SMLA, SMLA, SMLA, MAK2, MK31, MKAR, MKAR, MKAR, WMOJ, KURBB, KUDL, KUDL, BVAR, BVAR, AB31, AB31, ABKAR, ZALV, AKTO, SONM, ULN, ULN, BRTR, BRTR, FINES, FINES, ARCES, ARCES, KSR5, KSR5, NC405, NC405, NC405, NC405, TUE, TUE, TORD, TORD, WRA, WRA. Each row contains station name, frequency, power, and other technical details.

Table with columns: TWD, NACB, NACB, ETLH, ETLH, ETLH, WHF, WHF, EGFH, EGFH, CHGB, CHGB, ENA, ENA, ENA, NANB, NANB, TWT, TWT, TWT, NNSB, NNSB, NNSB, TDCB, TDCB, TDCB, NNS, NNS, NNS, VVWD, VVWD, VVWD, HGSD, HGSD, HGSD, NDT, NDT, NDT, DPDB, DPDB, DPDB, SSSL, SSSL, SSSL, SMLT, SMLT, SMLT, TWC, TWC, TWC, WHP, WHP, WHP, YULB, YULB, YULB, TYC, TYC, TYC, YHNB, YHNB, YHNB, TWF1, TWF1, TWF1, TWE, TWE, TWE, WHYT, WHYT, WHYT, SLBB, SLBB, SLBB, NWLT, NWLT, NWLT, YUS, YUS, YUS, WJS, WJS, WJS, WQJ, WQJ, WQJ, NNTT, NNTT, NNTT, LIOB, LIOB, LIOB, WNT, WNT, WNT, TCU, TCU, TCU, NTC, NTC, NTC, ALS, ALS, ALS, WLB, WLB, WLB, CHNS, CHNS, CHNS, CHKT, CHKT, CHKT, WCHH, WCHH, WCHH, TATO, TATO, TATO. Each row contains station name, frequency, power, and other technical details.

IS/CJB 17 03:53:37.7±0.2, 24°01'N, 121°12'00"E, 0.02, h54km, 3km, Error ellipse: s-maj=2.9km s-min=1.7km az=35.7 TAP 17 03:53:37.3, 24°01'N, 121°12'00"E, h51km, ML3.2, B JMA 17 03:53:37.0, 1.2, 23.94N, 121°54'E, h53km, 1km, M2.5 ISC 17 03:53:38.3±1.2, 24°01'N, 121°59'E, 0.02, h49km, 5km, n85, c065/156, Taiwan Code Station Name Δ° AZ° Phase ID Time Res h m s ISC HWA Hwalien 0.04 153 eP Pn 03 53 45.8 0.0 HWA Hwa 0.07 7 P Pn 03 53 52.0 +0.9 TWD Chiawon 0.07 7 P Pn 03 53 45.7 -0.2

Table with columns: TWA, Mucha, 0.97 360 eP, Pn, 03 53 55.9 +0.3, etc. Includes stations like TWA, ELDTV, TIPB, etc.

Table with columns: Mm 1.22; Mw 0.10; Mw 0.00; Fault plane solution; Principal axes; TIF 17 04:09:13.6; GCMT 17 04:09:14.9; etc. Includes station codes like LGD, BTLR, etc.

Table with columns: MAK Makhachkala, 1.53 55 i/Pg, Pg, 04 09 44.1 +0.3, etc. Includes stations like MAK, ARNR, etc.

MEX 17 03:57:11.0-1.0, 16:31N-98:10W, h3km±12km, MD3.5, Near coast of Guerrero. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GROC, DLMR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GNI, GNR, etc.



Table with columns for station name, frequency, and signal strength. Includes stations like Buzias, Didima, Kolanec sedl, and various other locations with their respective signal metrics.

Table with columns for station name, frequency, and signal strength. Includes stations like ASHO, BBLs, KOMe, RUDO, and various other locations with their respective signal metrics.

Table with columns for station name, frequency, and signal strength. Includes stations like MORC, SGDS, BEHE, AAK, and various other locations with their respective signal metrics.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PERS Pernice, Wadi Bani Khal, KUU Kurty, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KHC Kasperke Hory, KHC Kasperke Hory, KHC Kasperke Hory, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DAVOX, DHAMASHALA, DHAMASHALA, etc.



17d 4h

Table with columns for station name, frequency, power, and signal quality. Includes stations like YAK, GYA, ENH, BJI, UTHA, SKNT, PANO, SNY, DL2, CN2, DBIC, TIC, KIC, LIC, NJ2, QIZ, GRNR, and LSZ.

2013 SEP

Table with columns for station name, frequency, power, and signal quality. Includes stations like LSZ, USRK, KCSI, MSHO, VLA, KULM, KSAR, KSRK, KSRK, TJN, PSI, RPSI, BILL, GSI, IPM, TYV, TYV, TYV, YHNB, BKNI, YSS, CHAI, PHET, WHN, WHN, WHN, WHN, SKNT, PANO, SNY, SNY, SNY, DL2, DL2, DL2, DL2, DL2, CN2, CN2, CN2, CN2, CN2, DBIC, DBIC, TIC, KIC, LIC, NJ2, NJ2, NJ2, NJ2, NJ2, TRTT, MDJ, MDJ, MDJ, MDJ, MDJ, MDJ, MDJ, MDJ, MDJ, QIZ, QIZ, GRNR, GRNR, and LSZ.

932

Table with columns for station name, frequency, power, and signal quality. Includes stations like EGAK, HDA, KTH, MCK, MCK, TRF, DAWY, RIDG, RND, RND, DOT, PPLA, CHGO, YKW3, YKW3, D61A, YKA, YKA, YKR8, DHY, PAX, PAX, PAX, BCAR, MENT, D60A, E61A, D59A, PKME, SVW2, E60A, GHO, GHO, SML, F61A, SCM, SCM, SCM, D58A, PMR, PMR, PMR, MATO, E59A, KNK, LSQO, F60A, RC01, E58A, MCARA, VDR1, F59A, D56A, GLI, GLI, BALM, BALM, BARN, G60A, D55A, CTGM, CTGM, VLD0, VLD0, CRQM, TGL, EYAK, EYAK, E56A, SEW, SEW, HYT, I62A, WAX, WAX, BRK, F57A, DAV, CNPM, E55A, J63A, J63A, ALFO, PCA, PCA, D53A, D53A, H59A, J62A, E54A.





Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like S57A Dark Hollow, R, P, P, 04 21 53.7 -0.3, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like HRY Holter Research, 89.37 345, P, P, 04 22 10.7 +0.2, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like K22A Casper, 92.03 340, P, P, 04 22 22.3 -0.7, etc.





Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like Nanjing, Storozhevo, Galich'ya Gora, Klimovskoe, YAK Yakutsk, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like Torodi Ar. Bea, Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like KMGR Dubki, LACR Lac, LACR Lac, etc.

Table of astronomical data for 17d 6h, listing objects like VLY, RLS, DID, LIT, PAIG, KRND, VLX, SKY, AMT, KTHA, etc. with columns for name, RA, DEC, magnitude, and other parameters.

Table of astronomical data for KTHA Kythira Island, listing objects like KTHA, VAY, CHOS, NVR, SMTH, APE, etc. with columns for name, RA, DEC, magnitude, and other parameters.

Table of astronomical data for GUC 17 05:58:40.4, listing objects like ASAR, ASAR, MKAR, GUC, etc. with columns for name, RA, DEC, magnitude, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, TKM2 Tokmak 2, GKN Gorkha, etc.

DRS 17 06:23:51.5, 0.0, 41.83N, 45.57E, h15km
MOS 17 06:23:54.2, 0.0, 42.00N, 45.82E, h24km, MPVA3.7
NORS 17 06:23:55.0, 0.0, 41.99N, 45.82E, h15km, MPVA3.8
TIF 17 06:23:56.3, 41.96N, 45.75E, h25km, 1km
DDA 17 06:23:58.7, 41.71N, 45.64E, h7km, 2km, ML2.6
ISC 17 06:23:55.2, 1.1, 41.99N, 0.02, 45.77E, h11km, 10km, n44, r10179, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LGD Lagodekhi, DDFL Dedoflistskaro, BTNL Botlikh, etc.

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

ISCJB 17 06:30:17.4, 0.4, 1.60N, 0.04, 128.62E, 0.06, h61km, mb4.0/5, Error ellipse: s-maj=9.3km s-min=5.4km az=153.9
NEIC 17 06:30:17.9, 1.7, 1.61N, 0.08, 128.43E, 0.09, h48km, 6km, mb4.1/4
IDC 17 06:30:18.9, 4.9, 1.68N, 128.76E, h60km, 50km, mb3.7/5, mb1.3/9, mb1mx3.5/48, mbtm3.7/6, ML4.0/1, MS3.0/4, Ms1.3/0.4, ms1mx2.7/36, Error ellipse: s-maj=70.8km s-min=19.8km az=69.0
DJA 17 06:30:18.0, 0.7, 2.1N, 6.12E, h53km, 15km, M4.3/7, mb6.4/2, mb5.0/1, MLV4.2/7, Mw(mb)4.4/1
ISC 17 06:30:18.9, 0.7, 1.57N, 0.07, 128.55E, 0.07, h61km, n40, r154/32, mb4.0/7, 1D, Halmahera

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

ISCJB 17 06:32:04.0, 1.0, 14.26N, 0.09, 91.95W, 0.06, h55km, 8km, Error ellipse: s-maj=17.4km s-min=4.8km az=31.4
NEIC 17 06:32:04.5, 1.6, 14.25N, 0.02, 91.91W, 0.08, h41km, 16km
MEX 17 06:32:05.2, 0.5, 14.19N, 91.94W, h27km, 8km, MD4.1
GCG 17 06:32:06.1, 0.6, 14.40N, 91.78W, h58km, 4km, MD3.6
SNET 17 06:32:08.3, 1.1, 14.46N, 91.39W, h15km, 1km, ML2.8
ISC 17 06:32:04.9, 1.4, 14.24N, 0.09, 91.95W, 0.06, h46km, 14km, n23, r0773/36, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ERG Entre ros, STG3 Santiago 3, THIG THIG, etc.

SOME 17 06:32:23.4, 44.42N, 74.28E
NCC 17 06:32:23.4, 0.7, 44.42N, 74.31E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=7.6km s-min=4.4km az=66.0, Suspected glining explosion, Central Kazakhstan
Code Station Name Az Az' Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUU Kurly, DGS Degeres, MRKS Merke, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRNET Lake Issyk-Kul region, TKM2 Tokmak 2, BOOM Boomsokoye usch, etc.

RSNC 17 06:44:16.6, 1.0, 6.83N, 73.16W, h149km, 4km, ML3.5, Mw3.5, 4C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BARC Barichara, BRRC Barranca, PAMC Pamplona, etc.

ISCJB 17 06:44:16.6, 1.0, 6.83N, 73.16W, h149km, 4km, ML3.5, Mw3.5, 4C-3D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like UREC UREC, GUY2C Guyana, VILC Villavicencio, etc.

NIED 17 06:57:00.36, 90N, 141.90E, h8km, Mw3.6 Best double couple: M2.67000, 1014 NP1, 22.00000, 838.00000, lambda=93.00000, NP2, 206.00000, 852.00000, lambda=88.00000
IDC 17 06:57:33.1, 1.0, 36.76N, 142.17E, h0km, mb3.7/6, mb1.3/9, mb1mx3.7/43, mbtm3.7/8, ML3.2/2, MS3.5/1, Ms1.3/5/1, ms1mx2.3/41, Error ellipse: s-maj=24.5km s-min=20.8km az=110.0
JMA 17 06:57:37.1, 0.3, 36.91N, 141.85E, h48km, M3.6
ISC 17 06:57:33.4, 2.1, 36.85N, 0.04, 142.00E, 0.06, h2km, 12km, n2, r148/33, mb3.7/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JHO, JFDD, JMST, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PB01, PB02, PB03, etc.

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

ISCJB 17:07:00:37.0, 21.66N, 108.143E, 0.2, h311km, mb3.6/12, Error ellipse: s-maj=22.9km s-min=10.4km az=174.7

YCA AACL CERRO LA CRUZ 7.15 188 eP S 07 15 08.6 +0.7

NORC Norcasia 29.08 341 eP P 07 17 40.5 -1.3

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

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Z55A, Z55A, Z55A, etc.

ISCJB 17:07:12:02.9, 0.2, 22.19S, 0.02:65.69W, 0.2, h251km, mb4.5/14, Error ellipse: s-maj=3.1km s-min=2.7km az=6.5

GO06 Curarrehue 17.87 194 P P 07 15 56.1 +0.7

NORC Norcasia 29.08 341 eP P 07 17 40.5 -1.3

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ALF01, RIB01, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like W54A, W54A, W54A, etc.





Table of astronomical observations for 17d 7h, listing station names, codes, and coordinates.

Table of astronomical observations for 2012 SEP, listing station names, codes, and coordinates.

Table of astronomical observations for Makanchi Array, listing station names, codes, and coordinates.

Table titled 'UCR 17 07:33:28.1±2.0, 8.41N-82.61W, h4km, MW3.6, 1D, Panama-Costa Rica border region', listing station names, codes, and coordinates.

Text block containing astronomical data and coordinates, including ISK 17 07:39:44.4, 38:77N-22:82E, h6km, ML4.0/17.

Table of astronomical observations for Agios Charalamb, listing station names, codes, and coordinates.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, and other parameters. Includes stations like TRAZ Trapeza, ANX ANX, LAKA LAKA, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, and other parameters. Includes stations like OUR Ouranopolis, BOZC Bozcaada, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, and other parameters. Includes stations like LOT Lotru, ARR Arges, FRGS Fruska Gora, etc.

MEX 17 07:41:56.1±0.8, 17:56N-99:58W, h5km, MD3.7, Guerrero
Code Station Name Az El Phase ID Time Res
MEIG Mezcala 0.37 354 eP ISC h m s ISC
MEIG Mezcala 0.37 354 eP Pg 07 42 02.1 -1.2
MEIG Mezcala 0.37 354 eP Sg 07 42 08.5 +0.4
MEIG Mezcala 0.37 354 eP Sp 07 42 10.0 +2.1
MEIG Mezcala 0.37 354 eP Ss 07 42 21.9 -1.0
MEIG Mezcala 0.37 354 eP Sd 07 42 11.1 -1.1
MEIG Mezcala 0.37 354 eP Sg 07 42 22.1 -0.8
MEIG Mezcala 0.37 354 eP Sp 07 42 10.9 -3.8
MEIG Mezcala 0.37 354 eP Ss 07 42 12.9 -3.0
MEIG Mezcala 0.37 354 eP Sd 07 42 27.2 -2.0
MEIG Mezcala 0.37 354 eP Sg 07 42 24.9 -2.9
MEIG Mezcala 0.37 354 eP Ss 07 42 47.0 -4.1
AML Almayashu 5.59 21 pP Pn 07 58 39.2 +0.7
SNR=27
UCH Uchoy 5.94 26 pP Pn 07 58 43.7 +0.6
SNR=12
EKS2 Erkin-Say 6.11 20 pP Pn 07 58 45.9 +0.9
SNR=5.7

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include Karatay Array, Ala-Archa, AAK, AAK, USP, Ospanovka, TKM2, TKM2, MK31, Makanchi Array, AB31.

KRNET 17:08:04:49.1±0.1, 41.39N; 78.23E, h16km, mb2.5
NCC 17:08:04:51.7±1.1, 41.46N; 78.19E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=7.1km s-min=4.6km az=170.0,
ISC 17:08:04:47.3±1.9, 41.31N; 0.08-78.24E±0.04, h13km,
m3.0, r1540/51, 21C-9D, Kyrgyzstan-Xinjiang border

Main station list table for the first section, containing station names like Kajisay, Przheval'sk, Anan'yevov, Narn Naryn, SATY, ULHL, ZHN, ZHN, UZB, TNSS, MDOK, SHLS, SHLS, BOOM, IZV, KURS, PDGK, PDGK, PDGK, PDGK, KZA, KZA, KST, TKM2, TKM2, TKM2, DGS, DGS, KTBS, CHKK, CHKK, ARXS, UCH, UCH, KUU, KUU, ARLS, ARLS, AAK, AAK, DJR, DJR, SGDS, SGDS, AML, AML, AML.

MEX 17:08:18:28.6±0.6, 17.45N; 99.70W, h1km±4km, MD3.5,
Guerrero

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include MEIG, MEIG, CAIG, CAIG, PLIG, PLIG, ARIG, ARIG, ARIG, ARIG, TLIG, TLIG.

ASRS 17:08:19:05.1±0.3, 51°N; 2°E, h10km, MLh3.0/11,
smi:org.gfz-potsdam.de/geofon/LCOSAT earthModelID
smi:org.gfz-potsdam.de/geofon/loasp91 confirmed,
Southwestern Siberia

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include KZLR, KZLR, ARDR, ARDR, CERR, CERR, VEH, VEH, VEH, VEH, TDJR, TDJR, TDJR, TDJR, AKAR, AKAR, AKAR, AKAR, LUZH, LUZH, LUZH, LUZH, ARTR, ARTR, ARTR, ARTR, DGZ, DGZ, DGZ, DGZ, ELT, ELT, ELT, ELT.

ISK 17:08:27:30.3, 36°98'N; 35°51'E, h23km, ML2.5/6
DDA 17:08:27:31.1, 37.03N; 35.65E, h10km, 7km, ML2/7
ISC 17:08:27:30.6±1.2, 36.99N; 0.03-35.54E±0.03, h14km±12km,
n12, r0886/21, Turkey

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include CEYT, CEYT, YURE, YUREGIR, YURE, YUREGIR, KARATAS, KARATAS, AKO, AKO, GULE, GULE, MERSIN, MERSIN, OSMANIYE, OSMANIYE, KERG, KERG, KERG, KERG, KIZK, KIZK, KEBE, KEBE.

IDC 17:08:44:02.0±0.52, 0, 19.32S; 177.66W, h0km, mb4.3/3,
mb1 4.5/3, mb1mx3.9/22, mbtmp4.3/3, Error ellipse:
s-maj=963.3km s-min=156.8km az=81.0, Fiji Islands

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include STKA, STKA, WRA, WRA, ASAR, ASAR.

ISCJB 17:08:49:55.3±0.5, 39°66'N; 0°03'-29°40'E±0.04, h0km, Error
ellipse: s-maj=5.0km s-min=4.3km az=169.8,
ISC 17:08:49:55.1, 39°66'N; 29°41'E, h8km, ML2.0/7, Suspected
Mining explosion.
DDA 17:08:49:55.2, 39°63'N; 29°42'E, h7km±2km, ML2.7
ISC 17:08:49:55.0±0.9, 39°70'N; 0°04'-29°43'E±0.04, h0km, n14,
r032/18, Turkey

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include TVSB, TVSB, ULDT, ULDT, CAVI, CAVI, GDZ, GDZ, DURS, DURS, MDNY, MDNY, BORA, BORA, BORA, BORA, YLVA, YLVA, ARMT, ARMT, SRCK, SRCK, SRCK, SRCK, SRCK, SRCK, EDC, EDC, GONE, GONE.

ISCJB 17:08:52:47.9±0.3, 38°77'N; 0°11'-22°78'E±0.01, h2km±2km,
Error ellipse: s-maj=2.1km s-min=1.9km az=21.9,
ISC 17:08:52:47.7, 38°77'N; 22°83'E, h0km, ML3.5/11
ATH 17:08:52:48.1, 38°78'N; 22°77'E, h10km±1km, ML3.6/25, Error
ellipse: s-maj=1.4km s-min=0.3km az=13.0,
THE 17:08:52:48.2, 38°76'N; 22°77'E, h0km±1km, ML3.5/29, Error
ellipse: s-maj=1.0km s-min=0.3km az=352.0,
ISC 17:08:52:48.0±0.8, 38°75'N; 0°01'-22°77'E±0.01, h9km±6km,
n114, r0886/171, 7C-4D, Greece

Table with columns: Station Name, Time, Res, Pn, Sn, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res. Rows include AXAR, AXAR, AXAR, AXAR, ATAL, ATAL, ATAL, ATAL, ATAL, ATAL, ATAL, ATAL, PVO, PVO, PVO, PVO, THL, THL, THL, THL.

Main station list table for the second section, containing station names like Lokris, Lokris, Agios Georgios, Agios Georgios, Agios Georgios, Agios Georgios, Makrakomi, Makrakomi, Makrakomi, Makrakomi, KALITHEA, KALITHEA, MRKA, MRKA, MRKA, MRKA, SERG, SERG, SERG, SERG, NEO, NEO, NEO, NEO, TRIZ, TRIZ, TRIZ, TRIZ, ANX, ANX, ANX, ANX, SKIA, SKIA, ALIK, ALIK, ALIK, ALIK, TRAPEZA, TRAPEZA, TRAPEZA, TRAPEZA, VILLA, VILLA, EVRYTANIA, EVRYTANIA, EVRYTANIA, EVRYTANIA, LAKA, LAKA, LAKA, LAKA, KALAVRYTA, KALAVRYTA, KALAVRYTA, KALAVRYTA, UPRA, UPRA, EREA, EREA, EREA, EREA, PVO, PVO, PVO, PVO, THL, THL, THL, THL.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ATH Athens Observa, DRO Drossia, VLY Voula, Athens, etc.

NEIC 17 08:56:53.72.2, 11:53S:0:08:166:40E:0:09, h35km, 2km, mb4.4/20
ISCJB 17 08:56:54.8:0.4, 11:51S:0:06:166:24E:0:06, h59km, mb4.2/7, MS3.0/6, Error ellipse: s-maj=8.1km s-min=7.9km az=140.9
IDC 17 08:56:59.5:3.4, 11:45S:166:12E, h84km, 29km, mb4.0/7, mb1.4/2.9, mb1mx3.9/9, mbtmp4.4/9, MS3.1/8, Ms1 3.2/8, ms1mx3.0/19, Error ellipse: s-maj=31.8km s-min=23.0km az=149.0
ISC 17 08:56:56.3:0.6, 11:55S:0:06:166:30E:0:07, h59km, n41, r=135/43, mb4.4/14, MS3.0/6, Santa Cruz Islands

Table with columns: EIDS, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PAINS Pohnpei, CTA Charters Tower, COEN Coen, etc.

ISCJB 17 08:57:03.1:0.9, 28:53N:0:04:51:61E:0:10, h10km, Error ellipse: s-maj=12.9km s-min=4.0km az=157.9
TEH 17 08:57:03.9:28:63N:51:53E, h10km, ML3.3
OMAN 17 08:57:11.7:1.9, 29:08N:53:20E, h278km, 72km, ml3.4/6, Error ellipse: s-maj=109.9km s-min=30.9km az=74.0
ISC 17 08:57:05.1:1.7, 28:62N:0:06:51:7E:0:11, h10km, n23, r=683/26, Southern Iran
Code Station Name Azimuth Elevation Phase ID Time Res
IKAZ Kazeroun 1:17 8 ePg Pn 08:57:26.6 -1.1
SHI Shiraz 1:27 36 ePg Pn 08:57:29.3 -0.3
ISRV Sarvestan 1:50 59 ePg Pn 08:57:33.2 0.0
JHRM Jahrom 1:70 93 ePn Pn 08:57:37.0 +0.4
IPAR Pars 1:73 45 ePn Pn 08:57:36.9 -0.3
LRM Lamerid 1:85 133 ePn Pn 08:57:40.1 +1.1
IRAM Rameshah 3:25 11 ePn Pn 08:57:56.6 +0.3
IBRJ Brojen 3:30 354 IAMB IAMB 08:58:07.8
ZNGN Zangian 3:56 349 ePn Pn 08:58:00.4 -0.3
ISAD Isfahad 3:73 28 IAMB IAMB 08:58:05.7
ISAD Isfahad 3:78 42 ePn Pn 08:58:04.1 +1.0
ROKH Rokh 3:75 352 ePn Pn 08:58:03.8 +0.5
IMEH Mehriz 3:78 42 IAMB IAMB 08:58:08.0
IMEH Mehriz 3:78 42 ePn Pn 08:58:05.2 +1.5
IGAR Gharneh 3:79 5 IAMB IAMB 08:58:06.7
IGAR Gharneh 3:310nm,0.2s ePn Pn 08:58:04.5 +0.7
IZEF Zefreh 4:31 8 ePn Pn 08:58:11.8 +0.8
IBAF Bafgh 4:51 48 ePn Pn 08:58:14.6 +1.0
IKLH Kolahrood 4:69 359 ePn Pn 08:58:16.7 +0.5
BANOM Banah 4:93 122 Pn Pn 08:58:19.0 -0.3
MDH Madha 5:30 127 S Sn 08:59:16.4 -0.2
HATD Hatta, Dubai 5:51 132 P Sn 08:58:28.1 -0.4
ASHO Ashyiah 5:56 134 P Sn 08:59:29.6 -1.1
IQOM Oam 6:23 356 ePn Pn 08:59:27.1 -0.9
ARQ Araq 6:85 139 Pn Pn 08:58:46.0 +0.3
BSY Bisra 7:70 138 Pn Pn 08:58:56.2 -1.1
ISCJB 17 09:11:36.2:0.7, 31:15N:0:07:35:23E:0:07, h8km, Error ellipse: s-maj=10.1km s-min=7.7km az=155.1
JSO 17 09:11:36.3:0.5, 31:14N:3:5E, h10km, M2.3/6, Mjma2.4/6, ML1.5/2, MLv2.6/6
HLW 17 09:11:39.0, 31:08N:35:07E, h10km, 12km, Md2.7
ISC 17 09:11:36.0:1.1, 31:18N:0:06:35:24E:0:05, h8km, n9, r=633/9, Dead Sea region
Code Station Name Azimuth Elevation Phase ID Time Res
LISJ El Lisan 0:21 74 P Pn 09:11:40.7 +0.4
AMAZ Amatzia 0:45 321 P Pn 09:11:46.2 0.0
JDRJ Darawish 0:58 141 P Pn 09:11:48.3 -0.3
WALJ Wala 0:61 52 P Pn 09:11:48.9 -0.2
KZIT Kziot 0:78 249 P Pn 09:11:52.0 +0.2
RSH Rastab 1:32 261 Pn Pn 09:12:00.5 -0.3
BASATA Basata 2:01 193 P Pn 09:12:10.5 +0.2
SUZ Suz 2:47 238 P Pn 09:12:16.2 -0.5
HKAT Jabal Katrina 2:87 203 Pn Pn 09:12:22.1 -0.2
GRAL 17 09:52:48.5:0.3, 33:87N:35:84E, h0km, 77km, MD2.6
NSSC 17 09:52:48.2:0.6, 33:87N:35:94E, h17km, 3km, ML1.7
ISC 17 09:52:45.6:2.0, 33:33N:0:07:35:90E:0:10, h16km, 16km,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BHW Bhannes, DORL Deir Qamar, RCY Raycha, QASN Qassioun, etc.

MEX 17 10:16:18.0:0.7, 16:87N:95:80W, h5km, MD3.7, Oaxaca
Code Station Name Azimuth Elevation Phase ID Time Res
CMIG Matias Romero 0:91 76 eP Pn 09:16:32.7 +0.6
VHO Visto Hermina 0:92 283 I Pn 10:16:45.9 -1.3
VHO Huatulco 1:13 195 eP Pn 10:16:36.3 -3.4
PNIG Pinotepa 2:28 258 I Pn 10:15:31.3 -3.2
TGIG Tgic 2:57 92 I Pn 10:16:54.4 -3.0
PCIG PCIG 2:74 115 I Pn 10:17:00.2 -2.5

IDC 17 10:20:46.1:4.0, 31:27S:179:55W, h209km, 33km, mb4.5/8, mb1.4/4.10, mb1mx4.0/26, mbtmp4.9/10, Error ellipse: s-maj=30.4km s-min=13.6km az=56.0
NEIC 17 10:20:48.3:1.8, 31:36S:0:08:179:77W:0:2, h233km, 7km, mb4.5/17
WEL 17 10:20:54.4:0.5, 32:10S:18:0W:2:5, h18km, 15km, M4.6/10, mB4.7/6, MLv5.0/10, Mw(mB)3.9/6, Error ellipse: s-maj=0.0km s-min=0.0km az=111.1
ISC 17 10:20:45.8:0.6, 31:24S:0:04:179:3W:0:1, h200km, n112, r=2503/129, mb4.5/14, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, MXZ Matakaoa Point, etc.

17d 10h

Table with columns: Station, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Honiara, HNR Keravat, HNR Eidsvold, etc.

MEX 17 10:31:05.3-0.4, 20.35N:99.22W, h2km, MD3.5, Central. Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

17d 10:39:22.1-0.5, 14.59S:166.80E, h0km, mb4.7/21, mb1.4/24, mb1mx4.7/37, mbtpm4.7/24, ML2.7/1, MS3.9/15, Ms1.3/9/15, ms1mx3.7/28, Error ellipse: s-maj=15.2km s-min=14.0km az=100.0

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Main table with columns: Station, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Honiara, HNR Keravat, HNR Eidsvold, etc.

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Table with columns: Station, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like JNU Nakatsue, NACB Ninganchiao, YHNB Yeheng, etc.

Table with columns: YAK, comp, smax, smax, and various station names like SONGIO Array, SONGIO Array, SONGIO Array, etc.

Table with columns: MPMC Manual Prospec, MOD modoc Plateau, COLD Coldfoot, NV01 Mina Array Sit, NVAR Mina Array Bea, NVAR Mine Mountain, NVAR Mine Array Bea, PINE Pine Mountain, BELC Belle Mtn. Jos, RAMM Ramite, F05D White Salmon, GMRC Granite Mounta, TUOQ Turquoise Moun, EGAK Eagle, IRM Iron Mountain, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, JIRN Jiro, SYOW Syowa Base, SYO Syowa Base, TOLK Toolik Lake Re, WWOR Wild Horse Val, GUN Gumba, BMAR Burnt Mountain, PKI Pulchok, PKIN Pulchoki, KKN Kakan, DMN Daman, G08A Pilot Rock, HAWA Hanford, TIXI Tiksi, W13A Hualapai Mount, W13A, GKN Gorkha, BMO Blue Mountains, BMO, BMO Blue Mountains, EPYK Eagle Plains, KOLN Koldanda, DANN Dangsing, LCMT Little Creek M, PSUT Spring Spring, F10A Beach Ranch, E, CCUT Cedar City, SZCU Shurt Canyon, U15A North Rim, TUC Tucson, X16A Lo Mia Camp, NEW New, NEW New, NEW New, NEW New, NEW New, WMQ Urumqi, WMQ, WMQ, WMQ, WMQ, WMQ, INK Inuvik, INK, SNAA Sanae, SNAA Sanae, SNAA Sanae, SNAA, VNA3 Neumayer Olymp, PV09 Paradox Valley, VNA2 Neumayer-Watz, PV21 Cone Mtn., VNA1 Neumayer-Stat, PD31 Pinedale Array, PDAR Pinedale Array, ANMO Albuquerque, LTXT Lajitas, LTX Lajitas, TXAR Lajitas Array, MK31 Makanchi Array, MK31, MK31 Makanchi Array, MK32 Makanchi Array, MKAR Makanchi Array, MKAR, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Array, KSH Kashi, PRGR Permogore, PRGR, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, ARCES ARCES Array B, ARCES ARCES Array B, KLMR Klimovskoye, KLMR, VTI Waterbury, BOSB Boshof, MOS Moscow, ZEI Tsey, ZEI

Table with columns: RAYN Ar Rayn, RAYN Ar Rayn, LPSR Galich'ya Gora, LPSR, KBZ Khabaz, OBN Obninsk, OBN, KIV Kislovodsk, VSR Storozhevo, VSR, VORD Divnogorie, FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, FINES FINESS Array B, FINES FINESS Array B, AKAS Malin Array Be, AKAS Malin Array Be, AKAB Malin Array Si, AKAB Malin Array Si, NB2 NORSAR Subarrat30, NB2 NORSAR Subarrat30, NB2 NORSAR Array S, BR10 Keskin Array S, BRTR Keskin Array B, BRTR Keskin Array B, KOLS Kolonicke sedl, KOLS Kolonicke sedl, DPC Dobruska-Polom, BRG Berggiesshubel, BRG Berggiesshubel, CLL Collm, CLL Collm, CLL Collm, CONA Contr Observa, KHC Kasperske Hory, KHC Kasperske Hory, GEC2 GERESS Array S, GEC2 GERESS Array S, GEC2 GERESS Array B, MEM Membroch, WATA Waldrar, ABTA Abfalterbachs, WTTA Wattenberg, MOTA Moosalm, SQTA Samkt Jurgen, FETA Feichten, TUE Stuetta, BNI Bardonecchia, BNI Bardonecchia, SSB Saint Sauveur, SSB Saint Sauveur, KEST Kesra, KEST Kesra, ESDC Sonseca Array, TORO Torodi Ar, TORO Torodi Ar, TOA1 Torodi Ar, TOA1 Torodi Ar, MAN 17 10:46:31.2, 7.22N-123.78E, h50km, mb3.6, ML2.3, MS1.8, 1D, Mindanau, Code Station Name, Delta A, Azimuth, Phase ID, Time Res, CTB Catabato, PAGZ Pagadian, SKMP Bardonecchia, BUKP Musuan, MEX 17 10:52:24.51, 0.1, 17.42N-94.77W, h146km, g6km, MD3.8, Chiapas, Code Station Name, Delta A, Azimuth, Phase ID, Time Res, CMIG Matias Romero, CMIG, TGIG, TGIG, VHU Vista Hermosa, VHU, HUG Huatulco, HUG, HUIG Huatulco, HUIG, PCIG Comitan, PCIG, PCIG Comitan, IDC 17 11:01:15.4, 0.7, 31.09S:13.30W, h0km, mb4.2/10, mb1 4.2/10, mb1mx4.1/28, mbtmp4.2/10, MS4.2/21, MS1 4.2/21, ms1mx4.1/24, Error ellipse: s-maj=29.0km s-min=15.9km az=175.0, ISCJB 17 11:01:16.9, 0.4, 30.95S:0.08:13.38W, 0.07, h20km, mb4.1/10, MS4.3/25, Error ellipse: s-maj=11.7km s-min=8.7km az=160.0, NEIC 17 11:01:16.9, 1.6, 31.0S:0.1x13.4W:0.1, h10km, l1km, nb4.6/17, GCMT 17 11:01:23.0, 0.2, 31.17S:0.03:13.17W, 0.02, h12km, MM5.0/103, Moment Tensor, s42, c45, s103, c150, Duration: 0 Moment tensor: Scale 10^16Nm; Mn: 3.07e+11; Mw: 0.09e+12; Mw3: 3.17e-08; Mw: 0.98e-43; Mw: 1.44e-08; Mw: 0.70e-31; Best double couple: Mc3.61700x10^16 NP1: 146.00000, 855.00000, lambda-106.00000, NP2: 353.00000, 838.00000, lambda-68.00000, Principal axes: T 3.86000, P1g8.00000, Azm248.00000; N -0.4820, P1g13.00000, Azm156.00000; P -3.3730, P1g74.00000; Azm9.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate

Table with columns: SUR, TSUM, BOSA, etc. Station Name, Azimuth, Phase, ID, Time, Res. Includes station names like Sutherland, Tsumeb, Boshof, etc.

Table for MEX 17 11:01:53.70.5, 17.27N-94.26W, h156km, 4km, MD3.9, Chiapas. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for MAN 17 11:09:32.5, 11.71N-126.25E, h65km, mb4.4, ML3.2, MS3.0, 1D, Philippine Islands region. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for IDC 17 11:15:08.97.0, 19.41S-174.90W, h0km, mb3.5/2, mb1.3/8.2, mb1mx3.5/29, mbtmp3.5/2, Error ellipse: s-maj=340.2km s-min=61.0km az=147.0, Tonga Islands. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for ISCJJB 17 11:20:22.9.0.17, 0N.0.1:95.35W, h105km, Error ellipse: s-maj=19.4km s-min=7.4km az=25.1. Includes station names like Matias Romero, Matias Romero, etc.

Table for MAN 17 11:32:19.2, 13.66N-120.68E, h127km, mb3.7, ML2.4, MS1.8, 1D, Mindoro. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for WEL 17 11:56:33.4.1.1, 36.5S-16.178E, 2.2, h322km, 18km, M4.0/14, mb4.4/3, MLV4.1/14, Mw(mb)3.5/3, Error ellipse: s-maj=0.0km s-min=0.0km az=113.6, Off east coast of North Island. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for BKC Black Stump Fm, KWHZ Kaweka Forest, WHVZ Whangaehu Hut, etc. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for ISCJJB 17 12:01:06.1.0.5, 59.84N.0:05-22.9E, h0km, Error ellipse: s-maj=7.0km s-min=3.7km az=165.3. Includes station names like ARBE, ARBE, etc.

Table for ISCJJB 17 12:01:06.1.0.5, 59.84N.0:05-22.9E, h0km, n43, 1722/49, Baltic States-Belarus-Northwestern Russia. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for GRAU Graeseo, GRAU Graeseo, FORU Forsmark, etc. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for MEX 17 12:34:41.2.1.7, 14.5N.0:1-91.99W, h75km, 14km, Error ellipse: s-maj=24.7km s-min=7.2km az=31.9. Includes station names like Santiagouito, Popocatepeti, etc.

Table for IDC 17 12:41:44.7.0.9, 26.87N-142.90E, h0km, mb3.8/6, mb1.3/9.7, mb1mx3.7/45, mbtmp3.7/77, ML2.5/1, MS2.9/1, MS1.2/9.1, ms1mx2.4/28, Error ellipse: s-maj=21.3km s-min=16.0km az=41.0. Includes station names like BACU, BACU, etc.

Table for s-maj=45.9km s-min=17.6km az=119.0, ISCJJB 17 12:03:51.9.0.5, 12.3N.0:1-143.5E, 0.1, h27km, Error ellipse: s-maj=23.7km s-min=10.0km az=34.8. Includes station names like GUMO Guam, WAKE ISLAND, etc.

Table for JMA 17 12:13:35.7.0.1, 24.04N-122.63E, h37km, M1.8, Taiwan region. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for JYNG Yonagunijimaku, YJNG Yonaguni jima, YOJ Yonaguni jima, etc. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for TAP 17 12:14:01.8, 23.73N-121.45E, h33km, 1km, ML1.6, D, Taiwan. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for EGFH Guangfu, ESH Shilin, HGSD Ruisui, etc. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for ISCJJB 17 12:34:41.2.1.7, 14.5N.0:1-91.99W, h75km, 14km, Error ellipse: s-maj=24.7km s-min=7.2km az=31.9. Includes station names like GCG, MEX, etc.

Table for MEX 17 12:34:41.2.1.7, 14.5N.0:1-91.99W, h73km, 16km, n6, 0555/11, 1D, Guatemala. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for MEX 17 12:35:09.3.0.3, 20.22N-99.25W, h6km, 6km, MD3.7, Central Mexico. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res.

Table for IDC 17 12:41:44.7.0.9, 26.87N-142.90E, h0km, mb3.8/6, mb1.3/9.7, mb1mx3.7/45, mbtmp3.7/77, ML2.5/1, MS2.9/1, MS1.2/9.1, ms1mx2.4/28, Error ellipse: s-maj=21.3km s-min=16.0km az=41.0. Includes station names like BACU, BACU, etc.

Table for ISCJJB 17 12:41:46.7.0.5, 26.92N.0:07-143.05E, 0.06, h32km, Error ellipse: s-maj=10.0km s-min=7.0km az=26.8. Includes station names like DEIG, DEIG, etc.

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like LVC, LVC, LVC, etc.

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like NC303, NB201, NB201, etc.

TAP 17 12:55:01.3,24.40N:122.61E,h78km,1km,ML2.6,C,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like Yonaguni jima, EOI1, EOI1, etc.

MEX 17 13:11:40.1,0.4,14.47N:92.86W,h34km,32km,MD3.5,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like Comitan, TGIG, TGIG, etc.

IDC 17 13:23:42.5,1.6,1.83N:126.47E,h0km,mb3.4/4,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like WRA, ASAR, MKAR, ZALV, etc.

MEX 17 13:37:24.0,0.6,15.86N:93.99W,h73km,9km,MD3.9,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like DEIG, ZUMV, ZUMV, etc.

MAN 17 12:57:21.2,18.51N:120.86E,h9km,mb4.5,ML3.4,MS3.2,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like APYV, ABRA, SGCP, etc.

MEX 17 13:05:07.4,0.6,27.67N:105.02W,h22km,53km,MD4.1,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like HPIG, MNTX, MNTX, etc.

GUC 17 13:11:09.6,0.7,28.11S:70.79W,h47km,7km,ML4.0

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like G003, G003, G003, etc.

ISC/JB 17 14:01:14.8,0.4,59.84N:0.05:22.26E,0.05,h0km,Error

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like RAF, AAL, AAL, etc.

KRSC 17 14:12:19.5,0.7,55.76N:162.18E,h29km,18km,ML3.6,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like KBTR, ZLBT, BZGR, etc.

UPP 17 14:16:58.4,0.1,58.34N:12.04E,h0km,ML1.5,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like VANU, VANU, TJOU, etc.

BER 17 14:17:47.8,1.6,66.37N:14.59E,h0km,ML1.3,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like MORB, MORB, KONS, etc.

IGG 17 14:22:54.8,0.6,2.54S:79.9W,h7km,MLv3.8,Ecuador

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like COCH, IGUA, IGUA, etc.

MAN 17 14:50:20.2,0.5,16.34N:98.25W,h14km,6km,MD3.6,

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, I, S, C. Includes stations like OTRP, ROAC, ROAC, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PNIG Pinotepa, TLIG Tiapa, MEIG Mezcala, CAIG El Cayaco.

IDC 17 14:54:50.1-0.7, 13.67N:144.79E, h155km, 8km, mb2.9/4, mb1 3.2/4, mb1mx2.9/4, mbtmp3.3/4, Error ellipse: s-maj=49.9km s-min=21.0km az=97.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array.

IDC 17 14:58:10.6:2.2, 14.08N:91.92W, h47km, 19km, mb3.6/3, mb1 3.9/6, mb1mx3.5/40, mbtmp3.7/6, ML3.7/3, MS3.2/4, Ms1 3.2/4, ms1mx2.7/32, Error ellipse: s-maj=23.3km s-min=9.8km az=13.0

GCG 17 14:58:10.2:2.1, 14.20N:91.75W, h128km, 15km, MD4.1 NEIC 17 14:58:11.2:1.7, 14.10N:91.07E, h2km, 5km, MD3.2, mb4.2/7, Md4.0/Md3.0

ISCJBJ 17 14:58:11.4:0.7, 19.0N:107.91E, h210km, 0.05, h65km, 6km, mb3.8/3, Error ellipse: s-maj=13.0km s-min=4.0km az=30.5

MEX 17 14:58:13.1:0.7, 14.33N:91.81W, h76km, 11km, MD3.8 SNET 17 14:58:15.5:1.1, 14.40N:91.36W, h2km, 5km, ML4.2

ISC 17 14:58:13.1:1.0, 14.25N:100.91E, h220km, 0.05, h69km, 2km, n49, e191/62, mb4.0/7, C, Guatemala

Main table for Guatemala region with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ERG Entre ros, THIG THIG, FUG Fuego 3, PCG Pacaya, XG Ixapaco, NBG Las Nubes, APG El Apazote, MOY MOY, PCIG PCIG, CCIG Comitan, CCIG Comitan, SBL San Blas, CEVE Cerro Verde, SNJE San Jose, MRL Marmol, MRL Marmol, MTO Montecristo, SNET Serv Mac Est T, TGIG TGIG, TGIG Matias Romero, CMIG CMIG, TEIG Tepich, TEIG Tepich, JTS Las Juntas de, JTS Las Juntas de, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar, TX32 Lajitas Array, MNTX Cornudas Mount, TKL Tuclechee C, BNM Barren Site, LENM Lemitar, PCRV Puerto La Cruz, MSU Maryvale, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Ryan, NVAR Ryan, MCHM Pat Rah Ranch, MCMT McKenzie Canyo, SAML Samuel, F10A Beach Ranch, SIV San Ignacio, ILAR Eielson Array, SPITS Spitsbergen Ar, CMAR Chiang Mai Arr.

ISCJBJ 17 14:58:47.7:0.5, 19.7S:0.1:178.0W:0.1, h450km, mb4.0/13, Error ellipse: s-maj=17.0km s-min=12.3km az=153.2

IDC 17 14:58:47.2:4.7, 19.71S:177.85W, h435km, 51km, mb3.7/13, mb1 3.9/15, mb1mx3.7/41, mbtmp4.4/15, Error ellipse: s-maj=21.7km s-min=18.8km az=156.0

ISC 17 14:58:48.5:0.7, 19.7S:0.2:177.9W:0.1, h450km, n19, e88/20, mb3.9/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DZM Mont Dzumac, URZ Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRA Warrungarra Arr, FITZ Fitzroy Crossi, MJAR Matushiro Arr, MAW Mawson, TXAR Lajitas Array, ANMO Albuquerque, ILAR Eielson Array, PDAR Pinedale Array, SNAASanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PLCA Paso Flores.

IDC 17 15:04:36.5:1.2, 6.02S:147.20E, h0km, mb3.8/5, mb1 4.0/9, mb1mx3.8/30, mbtmp3.9/9, ML3.9/3, Error ellipse: s-maj=36.8km s-min=19.8km az=107.0

NEIC 17 15:04:41.6:1.3, 6.14S:140.05E, h47km, 11km, mb4.3/9

ISCJBJ 17 15:04:42.0:1.0, 6.28S:147.46E, h0km, 0.09, h77km, mb3.6/5, Error ellipse: s-maj=12.8km s-min=7.1km az=10.5

ISC 17 15:04:44.9:2.1, 6.31S:147.3E:0.1, h77km, n26, e127/27, mb3.8/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PMG Port Moresby, PMG Port Moresby, KRVT Keravat, COEN Coen, CTA Charters Tower, MTN Mantion Dam, WRAB Tennant Creek, WRAB Tennant Creek, WRI Warrungarra Arr, WRA Warrungarra Arr, KNRA Kununurra, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SOEI Soe, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, LUWI Luwuk, STKA Stephens Creek, MJAR Matushiro Arr, MAJO Matushiro, MK32 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Bea, ZAA1 Zalesovo Array, ZOD Torodi Ar, TOA1 Torodi Ar, Site.

MEX 17 15:09:46.7:0.5, 20.34N:99.22W, h1km, MD3.6, Central Mexico

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DEIG Demaco, DEIG Demaco.

SOME 17 15:15:22.6:4.0, 75N:74.35E, h5km, KNET 17 15:15:25.4:0.6, 41.03N:74.37E, h0km, ml2.1, Error ellipse: s-maj=6.3km s-min=4.3km az=57.0

KRNET 17 15:15:25.3:0.1, 41.04N:74.25E, h15km, mb2.9 NNC 17 15:15:25.0:0.9, 40.94N:74.36E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=6.3km s-min=4.3km az=179.0

ISC 17 15:24:0.1:4.4, 95N:0.04:74.31E:0.02, h6km, 11km, n60, e127/93, 30C-21D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARLS Aral, ARLS Aral, AML Almayashu, AML Almayashu, UCH Uchtor, UCH Uchtor, KZA Kyzart, KZA Kyzart, NRN Naryn, NRN Naryn, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, EK2S Erkin-Say, EK2S Erkin-Say, KBK Karagaybulak, KBK Karagaybulak.

Main table for Kyrgyzstan region with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KBK Bishkek, FRU1 Bishkek, FRU1 Bishkek, ULHL Ulahol, ULHL Ulahol, BOOM Boomskeye-22, BOOM Boomskeye-22, ARK Arkit, ARK Arkit, MRKS Merke, MRKS Merke, MRKS Merke, MRKS Merke, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, USP Oshpenova, USP Oshpenova, USP Oshpenova, KST Kastek, KST Kastek, KST Kastek, KDJ Kajsay, KDJ Kajsay, SGDS Sogindiy, SGDS Sogindiy, DGS Degeres, DGS Degeres, DGS Degeres, DGS Degeres, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, BTK Batken, BTK Batken, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, ANVS Anan'yev, ANVS Anan'yev, KTBS Karabote, KTBS Karabote, KTBS Karabote, KTBS Karabote, KUUB Kurty, KUUB Kurty, KUU Kurty, KUU Kurty, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, KK31 Karatay, KK31 Karatay, SATY Saty, SATY Saty, SATY Saty, SATY Saty, KURS Kuras, KURS Kuras, KURS Kuras, KURS Kuras, BTLS Baital, BTLS Baital, BTLS Baital, BTLS Baital, KPKS Koppek, KPKS Koppek, KPKS Koppek, UZB Uzynbulak, UZB Uzynbulak.

Table with columns: UZB, 5.0nm, 0.5s, Lg, Lg, 15 17 34.6, etc.

KRNET 17 15:23:29.6:0.1, 41.31N:75.75E, h19km, mb2.9
SOME 17 15:23:29.6:41.28N:75.75E, h10km
NWC 17 15:23:29.0:0.8, 41.31N:75.75E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=5.2km s-min=3.3km az=3.0
ISC 17 15:23:29.1-1.5, 41.29N:0.06:75.76E:0.02, h8km, 10km,
m69, c18523/107, 27C-17D, Kyrgyzstan

Main table for 951 with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: SGDS, 5.0nm, 0.3s, Pg, Pg, 15 24 12.1 +0.9, etc.

ISC/JB 17 15:38:02.0:0.6, 17.20N:0.09:94.43W:0.04, h150km, 8km,
Error ellipse: s-maj=14.8km s-min=6.4km az=7.6
NEIC 17 15:38:09.1:1.6, 17.19N:0.09:94.43W:0.05, h144km, 6km
MEX 17 15:38:11.0:0.6, 17.23N:94.44W, h14km, 4km, MD3.8
ISC 17 15:38:09.0:0.9, 17.20N:0.09:94.44W:0.04, h147km, 8km,
n19, c0682/29, Chiapas

Main table for 2013 SEP with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: MEDO, Medina, 29.23, 24, P, Iamb, 15 43 57.3 +0.5, etc.

BJI 17 16:03:21.9:0.0, 7:99S:129:00E, h125km, mb5.1/63,
mb5.0/34
NEIC 17 16:03:27.3:1.6, 7:43S:0:07:128:54E:0.06, h113km, 5km,
ISC/JB 17 16:03:27.6:0.3, 7:52S:0:02:128:59E:0.02, h133km, 3km,
mb5.0/77, Error ellipse: s-maj=3.9km s-min=3.5km
az=150.3
DJA 17 16:03:28.4:0.2, 8:2:12:9E:1, h134km, 5km, M4, 7/24,
mb5.2/12, mb4.9/24, MLV5.0/12, Mw(mB)4.6/12, Mwp6.1/1
IDC 17 16:03:28.6:1.7, 7:45S:128:54E, h119km, 14km, mb4.6/19,
mb1 4.6/21, mb1mx4.5/29, mbtmp5.0/21, MS3.0/5,
Ms1 3.1/5, ms1mx2.7/27, Error ellipse: s-maj=13.6km
s-min=10.7km az=72.0
MOS 17 16:03:29.2:0.8, 7:37S:128:52E, h142km, mb5.1/35, Error
ellipse: s-maj=11.2km s-min=5.8km az=117.1
KLM 17 16:03:32.0:0.7, 6:53S:128:56E, h169km, mb5.0/10

Main table for 17d 16h with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.



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

IDC 17 16:19:38.7, 0.9, 26.47N:55.80E, h0km, mb3.8/17, mb1 3.9/19, mb1mx3.8/44, mbtmp3.8/19, ML4.3/2, MS3.2/2, MS1 3.2/2, ms1mx2.6/33, Error ellipse: s-maj=21.0km s-min=16.4km az=161.0

OMAN 17 16:19:39.0, 1.6, 20.72N:55.94E, h6km, gkm, ml0/0/11, Error ellipse: s-maj=11.3km s-min=8.6km az=82.0

DSN 17 16:19:40.3, 0.9, 26.72N:56.15E, h10km, ML4.1/11, Error ellipse: s-maj=17.2km s-min=6.0km az=80.0

NEIC 17 16:19:40.7, 2.1, 26.56N:0.04:55.85E:0.04, h10km, gkm, mb4.2/9, ML3.4(THR)

THR 17 16:19:41.3, 26.92N:56.03E, h15km, ML3.4

TEH 17 16:19:42.0, 26.58N:56.09E, h16km, ML3.7

ISC 17 16:19:40.9, 1.2, 26.59N:0.03:55.85E:0.04, h10km, gkm, n105, o1967/108, mb3.9/20, Southern Iran

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

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

DRS 17 16:33:12.2, 0.0, 41.73N:45.60E, h8km

DDA 17 16:33:18.7, 41.96N:45.80E, h7km, 5km, ML2.5

TIF 17 16:33:20.0, 41.89N:45.78E, h21km, 2km

ISCJTB 17 16:33:20.4, 0.7, 41.89N:0.03:45.86E:0.06, h15km, 11km, Error ellipse: s-maj=8.1km s-min=5.1km az=163.2

ISC 17 16:33:19.1, 0.4, 41.80N:0.03:45.77E:0.02, h13km, gkm, n18, o996/36, Eastern Caucasus

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

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

MAN 17 16:42:45.5, 5.78N:125.68E, h55km, mb4.5, ML3.4, MS3.2, 2C-2D, Mindanao

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

IDC 17 16:59:21.6, 5.4, 56N:120.50E, h0km, mb3.8/2, mb1 3.7/5, mb1mx3.4/44, mbtmp3.6/5, ML3.9/3, Error ellipse: s-maj=85.7km s-min=39.6km az=38.0

ATH 17 16:59:25.6, 35.06N:24.55E, h21km, 1km, ML3.2/6, Error ellipse: s-maj=2.4km s-min=1.0km az=191.0

ISCJTB 17 16:59:26.4, 0.3, 35.06N:0.03:24.54E:0.02, h12km, 3km, mb3.7/2, Error ellipse: s-maj=5.4km s-min=3.2km az=2.9

THE 17 16:59:26.0, 35.06N:24.53E, h0km, 2km, ML3.1/4, Error ellipse: s-maj=1.1km s-min=0.4km az=163.0

ISC 17 16:59:26.4, 0.3, 35.06N:0.03:24.53E:0.02, h13km, gkm, n41, o979/57, Crete

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

comp=E, 20404um, 0.4s Kastelli Herak

comp=N, 19177um, 0.3s VAMOS

comp=N, 17980um, 0.4s VAMOS

comp=N, 3713um, 0.3s CHAN

comp=N, 1118um, 0.4s LAST

comp=N, 1104um, 0.3s NPS

comp=N, 1370um, 0.3s NPS

comp=N, 1104um, 0.3s ANKY

comp=N, 1104um, 0.3s ZKR

comp=N, 1104um, 0.3s ZKR

comp=N, 1104um, 0.3s THR3

comp=N, 1104um, 0.3s THR3

comp=N, 1104um, 0.3s THR3

comp=N, 1104um, 0.3s ANAF

comp=N, 1104um, 0.3s KTHA

comp=N, 1104um, 0.3s IOSP

comp=N, 1104um, 0.3s JANG

comp=N, 1104um, 0.3s BRTR

comp=N, 1104um, 0.3s MLR

comp=N, 1104um, 0.3s GERES

comp=N, 1104um, 0.3s AKASG

comp=N, 1104um, 0.3s MKAR

comp=N, 1104um, 0.3s ZALV

comp=N, 1104um, 0.3s FITZ

comp=N, 1104um, 0.3s CMAR

comp=N, 1104um, 0.3s ZALV

MAN 17 17:06:11.2, 5.98N:125.64E, h60km, mb4.0, ML2.8, MS2.4, Mindanao

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

Table with 4 columns: DDDP, Don Marcelino, 0.14 29 eS, Sn, 17 06 29.1 +2.1

Main table for 17d 17h, listing stations like ENA, NACB, TWD, etc. with columns for Code, Station Name, Az, Phase ID, Time, Res.

JMA 17 17:17:09.0+0.3, 25.09N x 123.59E, h16km, M2.0, Northeast of Taiwan

Table listing stations for JMA event, including IRIF, YOJ, JISG, etc.

IDC 17 17:19:19.5-1.4, 27.42N x 103.97E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/26, mb1mp3.6/4, Error ellipse: s-maj=90.2km s-min=24.1km az=64.0, Yunnao

Table listing stations for IDC event, including SONM, MKAR, WRA, ASAR.

OMAN 17 17:28:14.2+1.4, 26.75N x 56.05E, h0km, ml3.6/9, Error ellipse: s-maj=19.0km s-min=9.2km az=69.0, DSN 17 17:28:15.8+0.9, 26.72N x 56.17E, h10km, ML3.8/9, Error ellipse: s-maj=23.2km s-min=6.9km az=86.0, ISCJB 17 17:28:17.4+0.4, 26.63N x 0.02:55.93E=1.06, h10km, Error ellipse: s-maj=8.0km s-min=3.1km az=176.2, TEH 17 17:28:17.5, 26.54N x 56.23E, h14km, ML3.5, THH 17 17:28:18.4, 27.02N x 56.17E, h15km, ML3.1, ISC 17 17:28:16.5+0.8, 26.68N x 0.03:56.01E=0.04, h10km, n53, c=1759/57, Southern Iran

Table listing stations for OMAN event, including SHME, GENO, BANOM, NIAN, UMQ, MSFE, MDH, NAZ.

Main table for 2013 SEP, listing stations like HATD, ASHO, ASUD, etc. with columns for Code, Station Name, Az, Phase ID, Time, Res.

ISK 17 17:35:18.9, 38.75N x 22.79E, h9km, ML3.3/9, ISCJB 17 17:35:19.3+0.3, 38.72N x 0.02:22.71E=0.02, h11km, 2km, Error ellipse: s-maj=2.6km s-min=2.4km az=173.3, ATH 17 17:35:19.4, 38.71N x 22.72E, h13km, 2km, ML3.5/8, Error ellipse: s-maj=2.6km s-min=0.7km az=350.0, THE 17 17:35:19.5, 38.71N x 22.72E, h7km, 1km, ML3.3/15, Error ellipse: s-maj=1.0km s-min=0.3km az=88.0, ISC 17 17:35:19.5+0.8, 38.71N x 0.02:22.72E=0.02, h13km, 5km, n85, c=0911/114, 6C, Greece

Table listing stations for ISK event, including AXAR, LKR, ATAL, DLFA, DSF, AGG, MAKR, KALE, SERG, TRIZ, ALIK, TRAZ, MPKA, NEO.

Main table for 2013 SEP, listing stations like NEO, SKIA, SKIA, etc. with columns for Code, Station Name, Az, Phase ID, Time, Res.

KRNET 17 17:44:53.0+1.4, 43.19N x 78.67E, h10km, mb2.4, SOME 17 17:44:53.6, 43.18N x 78.65E, h5km, NNC 17 17:44:53.0+0.3, 43.21N x 78.70E, h2km, 2km, mb2.8, mp2.7, Error ellipse: s-maj=3.1km s-min=1.4km az=176.0, ISC 17 17:44:53.0+0.9, 43.20N x 0.02:78.68E=0.02, h7km, 6km, n35, c=042/67, 11C-6D, Lake Issyk-Kul region

Table listing stations for KRNET event, including ZHN, ZHN, ZHN, SATY, UZB, KPKS, KURS, PDGK, ARXS, MDOK, PRZ, DJR.

Table with columns: DJR, Jarkent, 1.39 35, Pn, 17 45 19.5 0.0, etc. Includes stations like Jarkent, Chuskiy, Karatobe, etc.

NNC 17 17:47:06.3, 4.4, 38.88N, 69.91E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=33.1km s-min=25.7km az=27.0

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

MAN 17 17:57:31.7, 13.77N, 120.26E, h20km, mb3.7, ML2.4, MS1.9, 1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Lubang, Puerto Galera, San Jose.

ATH 17 17:57:54.4, 37.31N, 23.71E, h18km, 4km, ML3.3/1.1, Error ellipse: s-maj=4.2km s-min=0.9km az=268.0

THE 17 17:57:54.6, 37.30N, 23.72E, h7km, ML3.3/1.9, Error ellipse: s-maj=0.9km s-min=0.4km az=332.0

s-min=19.0km az=165.0, ISC 17 17:57:54.5, 0.9, 37.30N, 0.02, 23.70E, 0.02, h15km, 6km, n76, c096/107, mb3.6/11, Southern Greece

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like YDRA, KRNID, ATH, etc.

Table with columns: GERES, GERESS Array B, 13.65 331, P, P, 18 01 16.9 +0.6, etc. Includes stations like Khab, Sonseca, etc.

MEX 17 18:03:50.8, 0.7, 15.56N, 93.36W, h95km, 6km, MD3.5, Near coast of Chiapas

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

IDC 17 18:10:43.4, 3.0, 40.03N, 143.67E, h120km, 28km, mb3.0/3, mb1 3.1/5, mb1mx3.0/46, mbtmp3.4/5, MS2.8/1, Ms1 2.8/1, ms1mx2.1/12, Error ellipse: s-maj=53.7km s-min=19.5km az=94.0

ISCJB 17 18:10:48.7, 1.0, 40.44N, 0.0, 44.142, 30E, 0.1, 0, h42km, 18km, mb3.4/3, Error ellipse: s-maj=12.4km s-min=6.2km az=179.4

JMA 17 18:10:49.9, 0.1, 40.42N, 142.28E, h48km, 1km, M3.6, JMA Felit J1

ISC 17 18:10:49.9, 1.4, 40.40N, 0.0, 44.122, 12E, 0.09, h54km, 10km, n24, c214/26, mb3.4/3, Error ellipse: s-maj=22.4km

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

ISK 17 18:14:28.9, 36.99N, 28.45E, h5km, ML2.5/1.3, DDA 17 18:14:28.5, 37.00N, 28.46E, h7km, 3km, ML2.4

ISC 17 18:14:30.0, 0.9, 37.02N, 0.03, 28.46E, 0.03, h18km, 7km, n21, c103/28, Turkey

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

ISK 17 18:14:28.9, 36.99N, 28.45E, h5km, ML2.5/1.3, DDA 17 18:14:28.5, 37.00N, 28.46E, h7km, 3km, ML2.4

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

IDC 17 18:29:10.9, 7.7, 31.63S, 179.06W, h115km, 61km, mb4.0/4, mb1 4.1/6, mb1mx3.7/28, mbtmp3.4/6, Error ellipse: s-maj=64.5km s-min=31.8km az=34.0

mb4.1/11
WEL 17:18:29.40.5:0.8,32'S,10'x17'9W,2'5,h301km,13km,
M4.2/30,mb4.8/16,MLV4.8/30,MW(mb)4.0/16,Error
ellipse: s-maj=0.0km s-min=0.0km az=109.6

ISC 17:18:29.36.7:0.7,32.09S:0.07x179.5E:0.1,h300km,n73,
c2=46/71,mb4.0/10,South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Green Lake, Matakaoa Point, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEX 17:18:41:07.1:0.6,16.71N:99.92W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAN 17:18:49:46.6,13.71N:120.65E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN 17:19:13:49.9,12.16N:159.34W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Soufriere Volc, Belmont, Moule a Chique, etc.

IDC 17:19:16:45.0:0.8,8'23S:118'93E,h0km,mb4.0/7,
mb1.4/21,mb1mx4.0/32,mbtmp4.1/11,ML4.1/4,MS3.0/2,
M51.3/12,ms1mx2.5/29,Error ellipse: s-maj=32.3km
s-min=11.5km az=58.0

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTA comp=2.2,0nm,1.0s, etc.

ANF 17:19:29:10.3:1.4,40'06N:121'23W,h14km,6km,ML3.1/11,
ML2.5/5,Error ellipse: s-maj=14.5km s-min=10.0km
az=140.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 003E Paynes Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 003E Paynes Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 003E Paynes Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 003E Paynes Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 003E Paynes Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, KSRs Korea Array, etc.

MEX 17 19:59:34.9-0.7, 15.15N-92.62W, h109km, 7km, MD3.5, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THIG, PCIG, CGIG, TGIG, etc.

TRN 17 20:05:56.9, 15.85N-60.54W, h19km, MD3.8, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DWS Wesley, DPLP La Plaine, MDPV Dominica, etc.

ISCJB 17 20:36:35.7-0.2, 13.96N-103.144, 79E-0.05, h150km, mb4.0/14, Error ellipse: s-maj=6.5km s-min=4.8km az=10.9

IDC 17 20:36:37.5-0.4, 13.98N-144.88E, h151km, 3km, mb3.8/14, mb1 4.0/15, mb1mx3.7/52, mbtmp4.3/15, Error ellipse: s-maj=17.0km s-min=10.4km az=93.0

NEIC 17 20:36:38.0-1.5, 13.95N-101.10-144.8E-0.1, h155km, 4km, mb4.7/55

DJA 17 20:36:44.8-0.4, 13.9N-145.5E, h10km, M4.3, mB5.4/1, mb4.7/3, MLV4.5/1, Mw(M3.0)4.9/1

ISC 17 20:36:37.5-0.4, 13.96N-107.144-82E-0.07, h150km, n100, s125/101, mb4.6/41, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO Guam, PATS Pohnpei, GENI Genyem, etc.

MEX 17 20:37:47.4-1.0, 20.22N-99.18W, h5km, MD3.7, Central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DEIG Demacu, PEIG Popocatepetl, YAGI Yatepec, etc.

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

MEX 17 20:37:47.4-1.0, 20.22N-99.18W, h5km, MD3.7, Central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CISI Cilsompet, PSAD1 Pilbara Seismi, PSAB2 Pilbara Seismi, etc.

MEX 17 20:37:47.4-1.0, 20.22N-99.18W, h5km, MD3.7, Central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NV01 Mina Array, NVAR Mina Array, MFID Camas Ranch, etc.

NEIC 17 20:40:51.2-3.3, 39.02N-0.06-41.49E-0.07, h7km, 2km, mb5.0/95, ML5.1(SK) DSN 17 20:40:51.9-0.5, 38.84N-41.65E, h6km, mb5.2/13, Error ellipse: s-maj=7.8km s-min=7.4km az=63.0

ISC 17 20:40:51.7-0.5, 39.03N-0.01-41.43E-0.01, h10km, 3km, h10km, pp-P, n806, s182/909, mb4.8/140, MS4.3/50, 60C-44, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VRTB Varto-Mus, VRTB Varto-Mus, BINGOL BINGOL, etc.



Table with columns: SIRON, comp=E, 37um, 0.6s, IAML, 20 41 51.0, ...

Table with columns: GNI, Garni, SNR=365, 2.79 65 P, Pn, 20 41 36.1 -0.6, ...

Table with columns: BRDA, Brd, 4.61 73 P, Pn, 20 42 02.3 +0.9, ...







17d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BCAR Beaver Creek A, SML Sawmill, SML Sawmill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 17 20:51:38.3e.1.4, 34.31N:26.67E, h0km, mb3.7/6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISK 17 20:59:33.8, 39.02N:41.45E, h6km, ML3.4/22, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISK 17 21:13:18.4e.1.8, 14.22N:0.192, 03W:0.09, h54km, Error ellipse: s-maj=21.1km s-min=6.6km az=30.2, 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 IXG Ixpaco, IXG Ixpaco, IXG Ixpaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 17 21:36:46.2e.4.6, 53.19N:165.01W, h0km, mb4.1/5, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EPYK Eagle Plains, EPYK Eagle Plains, EPYK Eagle Plains, 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 H11S3 WAKE ISLAND Hy 41.58 223 T T 22 29 24.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MEX 17 21:41:36.6e.0.6, 20.22N:99.18W, h37km, MD3.7, Central Mexico, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 17 21:42:06.2e.2.0, 0.72N:125.78E, h0km, mb3.3/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISK 17 21:57:20.8, 39.01N:41.37E, h13km, ML1.9/8, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MEX 17 21:58:36.7e.0.4, 16.74N:99.72W, h12km, h2km, MD3.6, Near coast of Guerrero, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 17 21:59:46.7e.0.6, 10.59N:63.17W, h0km, mb4.1/15, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISK 17 21:59:48.1e.1.2, 10.55N:0.04:63.21W, h16km, h6km, n91, i194/104, mb4.2/23, Near coast of Venezuela, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Morne Balai, El Baul, Lee's Yard, Willy Bob, Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH Kashi, NRR Naryn, ARSB Arslanbob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UCH baz=54, AML Almayashu, UHLH Ulahol, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KTBS 126nm,0.7s, IUG luzhnay, IUG luzhnay, etc.

SOME 1722:01:55.0, 39.43N, 74.80E, h20km
KINET 1722:01:56.5, 0.1, 39.39N, 74.92E, mb4.2
BUJ 1722:01:56.4, 0.0, 39.45N, 74.77E, h0km, ML3.5/5
NNC 1722:02:00.2, 1.4, 39.67N, 74.71E, h0km, mb4.3, mpv4.0,
Error ellipse: s-maj=11.0km, s-min=6.7km, az=170.0,
IDC 1722:02:00.8, 4.0, 39.25N, 75.32E, h65km, 29km, mb3.4/8,
mb1.3, 4/13, mb1mx3.2/66, mbtmp3.5/13, ML3.0/6, MS2.7/1,
Ms1.2/7.1, ms1mx2.1/25, Error ellipse: s-maj=32.3km
s-min=23.1km, az=142.0
ISC 1722:01:56.4, 0.7, 39.45N, 0.04, 74.78E, 0.03, h10km, n98,
c=278/139, mb3.7/7, 34C-26D, Southern Xinjiang

TIR 17 22:05:31.5, 41.88N, 20.16E, h6km, Md2.0, Albania
Code Station Name Az Az' Phase ID Time Res
Code Station Name Az Az' Phase ID Time Res
Code Station Name Az Az' Phase ID Time Res
Code Station Name Az Az' Phase ID Time Res











Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ACER, CDRU, AMUR, SLCN, MIGL, MCEL, MTSN, MATE, MGR, NOCI, SIRI, CRAC, BAI, MSAG, and SGRT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ACER, CDRU, AMUR, SLCN, MIGL, MCEL, MTSN, MATE, MGR, NOCI, SIRI, CRAC, BAI, MSAG, and SGRT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SGRT, NOCI, MELA, MASS, TARI, FASA, GCLT, SMA1, GUMA, NRCA, CIMA, FDMO, CESI, AOI, CING, SENI, APUY, ATEN, ARDO, BPAT, PAT1, ARRY, BULB, BRUN, BMAS, RETU, RUNS, BBIL, BIL2, PISA, COHC, BTAM, BVC2, YCI, BREF, ANTG, ZUMB, MORR, PTLG, FLOC, BBAC, BBAC, PCON, PCON, ATAH, ATAH, ATAH, POPC, PRAC, PRAC, ROSC, ROSC, RUSC, RUSC, NNA, NNA, SDV, SDV, LPAZ, PTGA, PTGA, PTGA, LVC, SJG, MDP, PLCA, TXAR, DBIC.

ISCJB 17 23:03:52.3; 1.6, 2.52S; 0.03; 77.10W; 0.04, h28km, 14km, mb3.8/5, MS3.1/2, Error ellipse: s-maj=6.1km s-min=5.1km az=153.0

IGQ 17 23:03:53.6; 0.6, 2.2S; 2.77W; h24km, ML4.9
IDC 17 23:03:57.6; 3.1, 2.64S; 76.51W, h33km, 26km, mb3.7/6, mb1.3/1.2, mb1mx3.7/36, mbtmp4.0/12, ML3.1/5, MS3.1/5, Ms1.3.1/5, ms1mx2.8/33, Error ellipse: s-maj=25.6km s-min=14.0km az=96.0

ISC 17 23:03:53.5; 1.6, 2.42S; 0.04; 77.08W; 0.05, h31km, 14km, n53, i186/54, mb4.0/5, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include APUY, ATEN, ARDO, BPAT, PAT1, ARRY, BULB, BRUN, BMAS, RETU, RUNS, BBIL, BIL2, PISA, COHC, BTAM, BVC2, YCI, BREF, ANTG, ZUMB, MORR, PTLG, FLOC, BBAC, BBAC, PCON, PCON, ATAH, ATAH, ATAH, POPC, PRAC, PRAC, ROSC, ROSC, RUSC, RUSC, NNA, NNA, SDV, SDV, LPAZ, PTGA, PTGA, PTGA, LVC, SJG, MDP, PLCA, TXAR, DBIC.

ROM 17 23:00:48.9; 0.1, 40.802N; 0.005; 15.786E; 0.007, h17km, 1km, ML2.3/22, Error ellipse: s-maj=0.6km s-min=0.3km az=114.0
ISCJB 17 23:00:49.2; 0.5, 40.81N; 0.02; 15.75E; 0.03, h18km, 6km, Error ellipse: s-maj=4.5km s-min=3.2km az=137.8
ISC 17 23:00:48.9; 0.9, 40.80N; 0.02; 15.78E; 0.02, h16km, 6km, n40, c052/45, 3D, Southern Italy





Table with 4 columns: Name, Azimuth, Elevation, SNR. Includes ASAR Alice Springs, ASAR Makanchi Array, MKAR Makanchi Array.

NNC 1723:47:48.5:0.7, 44.29N:78.91E, h8km, mb3.9, mp0.3, Error ellipse: s-maj=5.3km s-min=4.6km az=115.0

Main table for the first section, columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Jarkent, DJR, TDK, ARXS, KURK, etc.

Main table for the second section, columns: DGS, Degeres, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DGS, Degeres, MKAKZ, etc.

ADC 1723:53:32.8:0.6, 7.92S: 117.75E, h0km, mb4.3/16, mb1 4.5/20, mb1mx3.3/4.7, mbtmp4.4/20, ML4.4/4, MS3.5/7, Ms1 3.5/7, ms1mx3.1/4.2, Error ellipse: s-maj=2.12km s-min=1.18km az=57.0

Main table for the third section, columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PLA, WBSI, DNP, etc.

Main table for the fourth section, columns: WRA, Warramunga Arr, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, Warramunga Arr, WRA, etc.

ISC 1800:08:41.0:59.0, 18.24S: 177.01W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.7/3.4, mbtmp3.8/16, ML3.4/6, MS3.5/4, Ms1 3.5/4, ms1mx2.9/4.4, Error ellipse: s-maj=23.3km s-min=13.4km az=87.0

Main table for the fifth section, columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, etc.

18d Oh

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers like GTA, GTC, GTC, etc.

STR 18 00:18:52.8±2.0, 39°N, 15°W, h0km, 9km, MLV3.5/5, MDD 18 00:19:07.7±0.0, 40°39'N, 07°00'E, h2km, 1km, mBLq2, 7/25, Error ellipse: s-maj=1.2km s-min=1.1km az=110.0, PRXIMO MRB 18 00:19:07.6±0.3, 40°37'N, 07°00'E, h1km, 3km, ML2, 7/17, Error ellipse: s-maj=1.6km s-min=1.3km az=310.0, SFS 18 00:19:07.0, 40°32'N, 08°00'E, h2km, ML2.6, GOLFO DE VALENCIA LDG 18 00:19:08.0±0.2, 40°34'N, 08°33'E, h2km, Md3.0/2, Mi3.1/11, Error ellipse: s-maj=4.3km s-min=3.0km az=130.0, ISC 18 00:19:06.1±1.2, 40°36'N, 02°02'E, h7km, 10km, n98, r135/147, 1D, Spain

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers like ALCN, ALCN, ALCN, etc.

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Main table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers like EMOS, EMOS, EMOS, etc.

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Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers like CAF, CAF, CAF, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRRN, KMGR, DLMR, DBC, VLKR, etc.

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

Table with columns: Code, Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKTO, AB31, AB31, AB31, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like INCR, BIZ, HARR, etc.

NIED 18 00:27:00, 38.70N, 142.30E, h44km, Mw4.9 Best double couple: M=2.17000e+16 NP1=184.00000, 823.00000, 7.89.00000...

MOS 18 00:27:45.0, 0.9, 38.75N, 142.30E, h36km, mb5.3/73, MS4.4/9, Error ellipse: s-maj=6.2km s-min=3.9km

JMA 18 00:27:45.0, 0.1, 38.72N, 142.29E, h39km, mb4.9, M4.9 JMA Feil III 1.

ISCB 18 00:27:45.0, 0.4, 38.73N, 142.19E, 0.03, h47km, 2km, mb5.0/137, MS4.2/49, Error ellipse: s-maj=4.4km

NEIC 18 00:27:46.2, 1.8, 38.71N, 142.32E, 0.1, h44km, 5km, mb5.0/130

GCMT 18 00:27:47.5, 0.3, 38.76N, 142.53E, 0.03, h48km, 1km, MW4.9/87, Moment Tensor Solution, s50, c54, s87, c110;

ISC 18 00:27:45.7, 0.5, 38.71N, 142.33E, 0.04, h40km, 3km, h40km; p-P, n573, a1936/597, mb5.0/182, MS4/30, 27C-29D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like OFUJ, KJMT, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like YUK, TEY, KUR, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like WHN, YAK, etc.

Table with columns for station code, name, frequency, polarization, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, frequency, polarization, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, frequency, polarization, and various signal quality metrics (e.g., SNR, S/N, etc.).

18D Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KNB Kanab, KOLS Kolonick sedl, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TREC Trest, BZS Buzias, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MNXX Cornudas Mount, EA7E Nuku Hiva Isla, etc.

PLCA Paso Flores 154.71 105 PKPbc PKIKP 00 47 43.7 +1.5
comp=Z,1.5nm,1.0s,baz=297,slow=9.0,SNR=2.3
PLCA comp=Z,3.0nm,0.9s,baz=274,slow=2.9,SNR=6.4

MEX 18 00:28:49.5:0.9, 15:95N:97:58W, h18km,9km, MD3.6, Near coast of Oaxaca

Code Station Name Az AZZ Phase ID Time Res
PNIG Pinotepa 0.69 310 eP ISC h m s ISC
PNIG Pinotepa 0.69 310 eP ISC h m s ISC
VHO Vista Hermosa 1.38 36 iP S Sn 00 29 09.7 -2.9

ISCJB 18 00:32:35.6:0.2, 3:25N:122:72E:0.04, h552km, mb4.1/21, Error ellipse: s-maj=5.7km s-min=3.3km az=173.4

NEIC 18 00:32:36.5:0.9, 3:1N:0.1:122:72E:0.1, h562km,9km, mb4.3/28

IDC 18 00:32:36.7:0.8, 3:25N:122:63E, h552km, 10km, mb3.5/21, mb1.3/25, mb1mx3.5/41, mbtmp4.6/25, Error ellipse: s-maj=13.8km s-min=7.3km az=76.0

DJA 18 00:32:37.0:0.7, 3:1N:8:12:3E, h532km, 4km, M4.6/21, mb5.0/16, mb4.9/21, MLV5.2/13, Mw(mb)4.3/16, Mwpp.8/2

ISC 18 00:32:36.4:0.3, 3:20N:0.04:122:68E:0.07, h552km, n118, a=1506/133, mb4.3/29, 3C-1D, Celebes Sea

Code Station Name Az AZZ Phase ID Time Res
DDMP Don Marcelino 4.18 46 Op ISC h m s ISC
APSI Ampaña 4.21 194 P P 00 30 07.8 0.0
LUWI Luwuk 4.22 179 P P 00 33 58.7 -1.5

Code Station Name Az AZZ Phase ID Time Res
KAPI Kappang 8.67 200 P P 00 34 40.8 -0.1
AAI Ambora 8.74 149 P P 00 34 43.9 +0.8
BKSI Bakkumbra 8.84 197 P P 00 34 43.3 +0.6

Code Station Name Az AZZ Phase ID Time Res
WRAB Tennant Creek 25.69 154 P P 00 37 22.5 -0.8
WRA Warramunga Arr 25.70 154 P P 00 37 23.1 -0.2
WRA comp=Z,3.4nm,0.7s,baz=333,slow=11.9,SNR=5.2
CMAR Chiang Mai Arr 27.74 305 P P 00 37 41.1 -0.2

LSA Lhasa 39.84 315 P P 00 39 24.7 +1.4
GTA Gaoita 41.60 333 eP P 00 39 37.8 +1.1
USSA0B Ussuriysk Arr 41.65 10 P P 00 39 36.5 -0.3

Code Station Name Az AZZ Phase ID Time Res
USSR Ussuriysk Arr 41.65 10 P P 00 39 37.0 +0.3
USSR Ussuriysk Arr 41.65 10 P P 00 39 36.5 -0.3
ADJ Mudanjing 41.69 7 P P 00 39 37.2 +0.1

Code Station Name Az AZZ Phase ID Time Res
WMO Urumqi 50.92 328 eP P 00 40 48.8 +1.7
KSH Kashi 55.61 317 S S 00 50 14.3 +1.3
KSH Kashi 55.61 317 S S 00 52 26.1 +4.3

Code Station Name Az AZZ Phase ID Time Res
MBAR Mbarara 4.05 18 P P 01 13 22.6 -1.2
MBAR Mbarara 4.05 18 P P 01 13 24.9 +1.1
KSMZ Kasama 5.91 163 iP P 01 13 59.4 -0.8

Code Station Name Az AZZ Phase ID Time Res
LUS Lusaka 10.80 187 P P 01 15 04.8 +8.2
LSZ Lusaka 10.80 187 P P 01 15 04.8 +8.2
LSZ Lusaka 10.80 187 P P 01 15 04.8 +8.2
MATP Matopos 15.89 193 P P 01 19 00.9 -0.8

Code Station Name Az AZZ Phase ID Time Res
VAN Van 0.21 31 P P 01 21 02.0 +0.5
TVAN Van 0.27 140 iP Sg 01 21 02.2 -0.3
TVAN Van 0.27 140 iP Sg 01 21 05.9 -0.3

AKDM Akdamar-Van 0.43 202 PG Pg 01 21 04.8 -0.2
MLAZ Malazgirt-MUS 0.65 309 PG Pn 01 21 09.5 +0.5
MLAZ Malazgirt-MUS 0.65 309 PG Pn 01 21 09.7 -0.9

Code Station Name Az AZZ Phase ID Time Res
MEX 18 01:32:32.4:0.8, 17:51N:99:50W, h3km, MD3.5, Guerrero
MEIG Mezcala 0.43 345 eP ISC h m s ISC
MEIG Mezcala 0.43 345 eP ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
THIG Santiago 0.50 331 eP Pn 01 58 56.4 -0.7
STG3 Santiago 0.53 82 eP Pn 01 58 57.7 -0.3
FUG Fuego 3.12 99 eP S Sn 01 59 07.2 0.0

ISCJB 18 02:03:08.8:0.3, 24:64N:102:122E:0.10, h10km,2km, mb3.7/3, Error ellipse: s-maj=8.1km s-min=2.2km az=13.8

TAP 18 02:03:08.7:24:65N:122:09E, h15km, ML3.6, B
JMA 18 02:03:09.0:1.0, 24:59N:122:10E, h20km,5km, M2.9

ISC 18 02:03:07.4:1.0, 24:67N:102:122E:0.10, h19km,2km, n83, a=109/130, 8C-2D, Taiwan region

Code Station Name Az AZZ Phase ID Time Res
EOS1 EOS1 0.12 192 P P 02 03 12.1 +0.7
EOS1 EOS1 0.12 192 P P 02 03 12.1 +0.7
EOS1 EOS1 0.12 192 P P 02 03 12.1 +0.7

Code Station Name Az AZZ Phase ID Time Res
TWC Suao 0.28 258 iP P 02 03 13.7 -0.1
TWC Suao 0.28 258 iP P 02 03 13.7 -0.1
TWC Suao 0.28 258 iP P 02 03 13.7 -0.1

Code Station Name Az AZZ Phase ID Time Res
YHNB Yehing 0.71 270 eP Pn 02 03 19.1 -0.6
YHNB Yehing 0.71 270 eP Pn 02 03 19.1 -0.6
YHNB Yehing 0.71 270 eP Pn 02 03 19.1 -0.6

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like mb3.9/8, MS3.7/4, Error ellipse, NEIC, etc.

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

IDC 18 02:21:26.1±0.0, 211.715°S, 169.81E, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.9/35, mbtmp3.9/9, ML3.5/1, MS3.6/7, Ms 1.3/5.7, ms1mx3.2/23.2, Error ellipse: s-maj=31.9km s-min=24.6km az=151.0

IDC 18 02:21:28.1±0.4, 21.655°S, 0.07°E, 169.67E±0.05, h21km, mb3.9/8, MS3.7/4, Error ellipse: s-maj=9.6km s-min=6.2km az=174.6

ISC 18 02:21:29.6±0.6, 21.625°S, 0.10°E, 169.66E±0.08, h21km, n46, 0.086/45, mb4.2/12, MS3.6/4, Southeast of Loyalty

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CCIG, THIG, VHO, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like URZ, TWGZ, OMRZ, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RAC, MORAVSKY BEROU, COLIM, etc. with their respective coordinates and phases.

18d 3h

Table listing station codes (LNKU, FKPU, VIKU, etc.), names, and various numerical values (e.g., 6.73 357, 6.80 349).

NIED 18 03:33:00, 24:60N, 122:10E, h5km, Mw4.0 Best double couple: M0:1.15000x10^15 NP1:3297.000000, delta2.000000, lambda-37.000000, NP2:57.000000, delta6.000000, lambda-125.000000.
BUI 18 03:33:16.0-0.0, 24:60N, 122:00E, h18km, ML3.7/3, Ms3.6/2, Ms7.3/6/2
ISCJB 18 03:33:16.8-0.3, 24:66N, 0:01, 122:17E, 0:01, h7km, 2km, mb3.9/9, MS3.0/6, Error ellipse: s-maj=2.2km s-min=1.8km az=12.6
NEIC 18 03:33:17.1-2.1, 24:54N, 0:02, 122:08E, 0:02, h13km, 4km, mb4.6/7, ML4.5(TAP)
JMA 18 03:33:17.8, 24:59N, 122:10E, h30km, 5km, M4.3
TAP 18 03:33:17.4, 24:64N, 122:09E, h15km, ML4.5, B
ASIES 18 03:33:18.4, 24:58N, 122:00E, h19km, MW3.9
IDC 18 03:33:33.1-5.5, 24:67N, 122:19E, h154km, 56km, mb3.5/9, mb1.3/6/10, mb1mx3.3/54, mbtmp3.9/10, MS3.1/9, Ms1.3.1/9, ms1mx2.9/29, Error ellipse: s-maj=33.2km s-min=13.6km az=66.0
ISC 18 03:33:17.9-0.7, 24:30N, 0:02, 122:11E, 0:02, h20km, 2km, h163.1/10/242, mb4.0/13, MS2.9/6, 30C-9D, Taiwan region

Main station data table with columns: Code, Station Name, Azimuth (Az), Phase, Op, ISC, Time (h:m:s), Res (ISC), and other parameters.

2013 SEP

Main station data table for 2013 SEP with columns: YM08, YM08, Azimuth (Az), Phase, Op, ISC, Time (h:m:s), Res (ISC), and other parameters.

980

Main station data table for 980 with columns: RLNB, YM08, Azimuth (Az), Phase, Op, ISC, Time (h:m:s), Res (ISC), and other parameters.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1152 WAKE ISLAND Hy 2813 123 T, SONM Songino Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchiao, LTZ Lake Taylor, PLWZ Palau, etc.

SVSA 18 03:51.51:5.0.7, 38:31N:29:79W, h10km, MD3.5, ML2.6, Error ellipse: s-maj=6.3km s-min=4.3km az=13.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldera, HOR Horta, etc.

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, KRVT Kravt, etc.

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHN Wether Hill, USRK Ussuriysk Arr, IPM Ipoh, etc.

MEX 18 04:10:34.9:0.4, 15:74N:98:67W, h17km, 31km, MD3.6, Off coast of Guerrero

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

Code Station Name Az Az' Phase ID Time Res

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

Code Station Name Az Az' Phase ID Time Res

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

ISCJB 18 04:13:38.2:0.9, 7:13S:0:06:131:9E:0.1, h33km, mb3.1/1, Error ellipse: s-maj=19.7km s-min=8.8km az=175.2

ISC 18 04:13:41.9:2.6, 7:07S:131:87E, h262km, 36km, mb3.0/1, mb1 3.7/6, mb1mx3.4/32, mbtmp3.6/6, ML3.5/5, Error ellipse: s-maj=48.0km s-min=24.5km az=85.0

ISC 18 04:13:39.2:0.9, 7:12S:0:06:131:6E:0.1, h35km, n6, s=349/10, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SUJI Sonjio, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

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

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

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

ISCJB 18 04:24:22.8:1.4, 36:31N:0:05:142:1E:0.1, h19km, mb3.5/3, Error ellipse: s-maj=17.4km s-min=7.1km az=3.8

ISC 18 04:24:22.6:3.0, 36:47N:142:07E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/37, mbtmp3.6/4, ML2.5/1, MS2.5/1, Ms1 2.5/1, ms1mx1.9/43, Error ellipse: s-maj=78.4km s-min=20.3km az=92.0

JMA 18 04:24:22.7:0.4, 36:32N:142:16E, h66km, M2.9

ISC 18 04:24:25.0:1.4, 36:31N:0:05:141:9E:0.1, h19km, n22, s=1822/18, MB3.5/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHOU Chosi, JHU Hitachinakayam, JHO Hitachi, etc.

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRKA Warakuna, HTT Hallett, BB00 Buckleboo, etc.

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMAR Indian Mountain, MLY Manley, MK31 Makanchi Array, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like South Pole Qui, Mawson, Karatay Array, etc.

IDC 18 04:45:35.5-1.2, 52.69N:132.16W, h0km, mb3.9/4, mb1 4.0/7, mb1mx3.7/37, mbtmp3.9/7, ML3.6/3, MS3.1/9, Ms1 3.1/9, ms1mx2.9/41, Error ellipse: s-maj=17.9km s-min=8.6km az=38.0

NEIC 18 04:45:35.4-3.9, 52.64N:132.41W:0.09, h13km, 3km PGC 18 04:45:36.9-0.2, 52.74N:132.22W, h2km, ML4.1/19, Mw4.5, 63km southwest of Santspit, Bc Haida Gwaii Region

ISC 18 04:45:35.4-1.3, 52.69N:132.32W:0.04, h7km, 8km, m113, c203/147, mb4.0/7, MS3.2/6, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Mitchell Dam, Barry Inlet, Moresby Island, Dawson Inlet, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Eliza Dome, Nookta, Strathcona Par, Campbell River, etc.

IDC 18 05:05:36.0-0.2, 25.08N:123.61E, h20km, 4km, M2.7, Northeast of Taiwan

ISCJB 18 05:20:12.9-0.8, 31.23N:0.04-115.59W:0.07, h15km, Error ellipse: s-maj=9.1km s-min=5.2km az=150.3

ECX 18 05:20:13.2-0.9, 31.21N:115.62W, h5km, MD1.5, ML2.0 MEX 18 05:20:13.8-0.3, 31.26N:115.39W, h5km, 17km, MD3.4

ISC 18 05:20:11.7-1.0, 31.31N:0.05-115.50W:0.08, h15km, n6, c0547/12, 1C-3D, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Ishigakijimah, Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ampana, Soe, Bulukumba, Kappang, etc.

ISC 18 05:21:52.8, 29.26N:51.26E, h18km, ML3.2, Kolanjeh, Error ellipse: s-maj=2.1km s-min=2.2km az=158.0

THR 18 05:21:52.8, 29.26N:51.26E, h18km, ML3.2, Error ellipse: s-maj=2.1km s-min=2.2km az=158.0

TEH 18 05:22:00.3, 29.26N:51.35E, h5km, ML3.3, Error ellipse: s-maj=62.3km s-min=22.1km az=158.0

ISC 18 05:21:58.8-0.8, 29.22N:0.05-115.26E:0.05, h10km, n37, c252/30, mb4.0/5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kazeroun, Shiraz, Sarvestan, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNSB, ENTT, WHF.

JMA 18 06:45:19.8±0.4,2501N×123.27E,h30km,M1.7,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF, JIJ, JJKRS.

IDC 18 06:49:22.3±1.0,27.30S:178.54W,h410km,102km, mb3.2/4,mb1 3.4/5,mb1mx3.2/20,mbtmp4.1/5, Error ellipse: s-maj=68.0km s-min=36.9km az=89.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, ASAR, WRA, MAW, KRSR, NOA, BRTR.

SOME 18 06:56:24.5,42.45N,82.40E,h15km NNC 18 06:56:28.4±1.4,42.59N-82.28E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=11.3km s-min=5.3km az=147.0,

ISC 18 06:56:27.2±0.2,42.48N,0.08-82.21E±0.07,h10km,n30, c=202/46,11C-4D,Northern Xinjiang

Main table for the first section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDGK, UZB, ARX, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKM2, ZSN, AAK, KURBB.

SKO 18 07:01:05.3,40.80N-22.77E,h15km,M2.4,ML2.6, ISCJB 18 07:01:06.2±0.3,40.85N-0.02-22.75E±0.03,h6km,4km, Error ellipse: s-maj=3.6km s-min=3.0km az=11.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THE, GRG, KNT, etc.

THE 18 07:01:06.1,40.84N-22.76E,h12km,5km,ML2.1/8, Error ellipse: s-maj=5.5km s-min=0.8km az=316.0,

THE 18 07:01:06.8,40.85N-22.77E,h7km,5km,ML2.6/E, Error ellipse: s-maj=5.8km s-min=0.5km az=299.0,

ISC 18 07:01:06.3±0.8,40.85N-0.02-22.76E±0.02,h14km,7km, n35,c=041/61,4C-3D,Greece

Main table for the second section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THE, GRG, KNT, etc.

Main table for the third section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRZ, KDJ, UZB, SATY, etc.

SKO 18 07:11:36.0,40.79N-22.74E,h15km,M3.2,ML3.6, ATH 18 07:11:36.9,40.85N-22.73E,h20km,2km,ML2.4/6, Error ellipse: s-maj=2.8km s-min=1.3km az=357.0,

ISCJB 18 07:11:37.0±0.4,40.86N-0.02-22.73E±0.03,h3km,5km, Error ellipse: s-maj=4.4km s-min=3.4km az=150.6,

THE 18 07:11:37.7,40.85N-22.74E,h4km,9km,ML2.4/8, Error ellipse: s-maj=9.0km s-min=0.4km az=296.0,

ISC 18 07:11:37.1±0.9,40.85N-0.02-22.74E±0.02,h13km,7km, n34,c=040/58,2C,Greece

Main table for the fourth section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRR, NVR, MMB, etc.

Table with columns: Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like VAY, KTI, SRS, SRAI, etc.

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like BRU2, DRK0, EDV5, etc.

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like CAIG, MEIG, ZIIG, etc.

SOME 18 07:24:54.4, 41.68N, 79.40E, h15km
KRNET 18 07:24:55.2, 0.1, 41.68N, 79.30E, mb2.5
NNC 18 07:24:58.1, 3.0, 41.85N, 79.42E, h0km, mb3.0, mpv2.9,
Error ellipse: s-maj=20.5km s-min=12.3km az=142.0
ISC 18 07:24:55.2, 2.4, 41.72N, 0.08, 79.45E, 0.07, h1km, 13km,
n27, c085/48, 9C-6D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like UZB, SATY, PDGK, etc.

Table with columns: Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like DJR, BOOM, ARXS, etc.

IDC 18 07:56:58.8, 0.8, 40.28N, 29.76W, h0km, mb4.1/22,
mb1.4, 3/23, mb1mx4.1/61, mbtmp4.1/23, ML4.4/1, MS3.7/37,
Ms1.3.7/37, ms1mx3.6/55, Error ellipse: s-maj=24.5km
s-min=13.3km az=172.0
ISCJB 18 07:56:59.6, 1.6, 40.01N, 0.03, 29.52W, 0.04, h20km, 11km,
mb4.0/22, MS3.7/36, Error ellipse: s-maj=5.9km
s-min=2.0km az=41.0
NEIC 18 07:56:59.9, 1.2, 40.1N, 0.1, 29.67W, 0.1, h10km, 3km,
mb4.6/6
SVSA 18 07:57:01.2, 1.4, 40.20N, 29.65W, h10km, ML4.0, Error
ellipse: s-maj=5.0km s-min=2.9km az=23.0
GCMT 18 07:57:01.3, 0.3, 40.30N, 0.05, 29.57W, 0.04, h14km, 1km,
MW4.7/78, Moment Tensor Solution. s11:c11; s78:c98;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr=-1.36E-15;
Mw=0.28; 09; Mo=1.08E-09; Mn=0.33E-24; Mv=0.51E-05;
Mo=0.54E-19; Best double couple: Ms1.48500x10^16
Np1=28.00000; Np2=800000; Np3=833.00000; Np4=0.00000;
Pn1=2.46700; Pn2=1.46700; Pn3=1.60000; Pn4=0.00300;
Plg2.00000; Azm207.00000; P=1.5020, Plg77.00000;
Azm306.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 18 07:57:02.6, 0.8, 40.02N, 0.06, 29.65W, 0.03, h31km, 6km,
n89, c190/85, mb4.1/25, MS3.7/36, 6C, Azores Islands
region

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like H07N1, H07S1, PCED, etc.

Table with columns: Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like GEC2, GERES, NORSAR, etc.

IDC 18 08:16:53.1, 7.9, 29.22N, 80.74E, h0km, mb3.5/4,
mb1.3, 6/5, mbtmp3.3/36, mbtmp3.5/5, ML3.4/1, Error
ellipse: s-maj=338.0km s-min=25.3km az=72.0,
Nepal-India border region

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res. Includes stations like NDI, MKAR, KURBB, etc.

ISCJB 18 08:18:51.6, 0.5, 18.60N, 0.02, 70.61W, 0.02, h12km, 3km,
mb3.7/8, MS3.2/7, Error ellipse: s-maj=3.7km s-min=2.8km
az=22.1
NEIC 18 08:18:52.2, 7.18, 61N, 0.07, 70.61W, 0.04, h11km, 6km,
mb4.2/25

18d 8h

OSPL 18 08:18:53.8,5.7, 161.64N, 70.60W, h0km, 24km, ML4.1, Fault plane solution: NP1, 248.20000, 834.60000, 1-22.30000

IDC 18 08:18:59.3,2.0, 181.31N, 70.56W, h75km, 21km, mb3.4/9, mb1 3.9/1.4, mb1mx3.7/39, mbtmp4.0/14, MS3.3/8, Ms1 3.2/8, ms1mx3.0/28, Error ellipse: s-maj=16.9km s-min=14.2km az=179.0

ISC 18 08:18:51.6,0.9, 181.61N, 0.02-70.52W, 0.02, h13km, 6km, n136, az=111/153, mb4.0/13, MS3.2/7, 5C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC h m s ISC. Lists seismic stations and their parameters across various regions.

2013 SEP

Main table of seismic events with columns: PRAC, ACON, YOTO, YOTE, JTS, TEIG, TEIG, POPC, POC, FLOC, FLOC, BBAC, W57A, GOGA, HODGE, HODGE, KMSC, KMSC, V55A, V55A, V55A, V55A, OTAV, OTAV, V53A, V53A, TKL, TKL, TKL, R55A, R55A, R55A, Q56A, Q56A, PTGA, PTGA, MDP, PLAL, WVT, WVT, L56A, L56A, FCAR, CCM, SADO, SADO, SAML, SAML, TXAR, TXAR, SCHO, SCHO, BDFB, PDAR, PDAR, PDAR, LOHW, LOHW, NVAR, NVAR, YKA, YKA, PLCA, PLCA, ESCD, ESCD, FINES, FINES, WMQ, WMQ, LZH, LZH, LZH, ASAR, ASAR. Includes event details like magnitude, depth, and location.

986

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC h m s ISC. Lists seismic stations and their parameters for specific events.

NNC 18 08:26:15.9,3.1, 53.39N, 87.60E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=23.6km s-min=19.9km az=17.0, Suspected Mining explosion.

KRAR 18 08:26:12.6,0.2, 53.57N, 87.74E, M2.3, 4C-4D, Industrial explosion (after: The Earthquakes of Russia in 2012, Obninsk, GS RAS, 224p + CD-ROM, 2014), Southwestern Siberia

ASRS 18 08:34:38.1, 53.77N, 91.07E, M3.8, Industrial explosion (after: The Earthquakes of Russia in 2012, Obninsk, GS RAS, 224p + CD-ROM, 2014)

ISC 18 08:34:48.4, 3.9, 53.54N, 90.60E, h0km, mb2.4, mpv3.9, Error ellipse: s-maj=41.5km s-min=27.6km az=173.0, Suspected Mining explosion.

IDC 18 08:34:49.0, 2.3, 53.45N, 90.50E, h0km, mb3.4/2, mb1 3.5/5, mb1mx3.3/50, mbtmp3.5/5, ML2.7/3, Error ellipse: s-maj=22.4km s-min=20.8km az=116.0

ISC 18 08:34:49.8, 2.3, 53.53N, 91.90E, 0.2, h0km, n11, az=187/13, 1C-6D, Southwestern Siberia

ISCJB 18 08:47:52.1, 0.4, 8.34S, 0.04E, 119.88E, 0.04, h200km, mb4.0/4, Error ellipse: s-maj=6.5km s-min=4.9km az=144.2

IDC 18 08:47:54.1, 1.9, 8.19S, 119.86E, h200km, 15km, mb3.7/5, mb1 3.7/10, mb1mx3.5/41, mbtmp4.2/10, Error ellipse: s-maj=46.5km s-min=9.1km az=62.0

DJA 18 08:47:54.3, 0.4, 8.34S, 0.12E, h170km, 5km, M4.1/12, mb4.2/1, mb4.9/1, MLV4.0/12, MW(mb)4.2/1

ISC 18 08:47:53.8, 0.6, 8.38S, 0.05E, 119.93E, 0.05, h200km, n25, az=209/35, mb4.3/4, Flores region

SJA 18 08:48:16.9, 0.3, 31.42S, 70.16W, h99km, 35km, ML3.0, MW3.8

ISCJB 18 08:48:19.4, 1.3, 31.27S, 0.04W, 0.01W, 0.08, h121km, 18km, Error ellipse: s-maj=11.2km s-min=6.4km az=1.4

GUC 18 08:48:19.5, 0.7, 31.27S, 70.09W, h116km, 13km, ML3.3

ISC 18 08:48:19.2, 31.28S, 0.04W, 0.03W, 0.08, h119km, 27km, n10, az=79/17, 1C, Chile-Argentina border region

IDC 18 08:54:45.2, 1.3, 52.40N, 175.01E, h0km, mb3.4/4, mb1 3.7/5, mb1mx3.5/41, mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=50.3km s-min=24.6km az=153.0, Rat Islands



Table of astronomical observations for 18d 9h, listing stations like LATE, MURB, AKASG, etc., and their respective coordinates and observation times.

Table of astronomical observations for 2013 SEP, listing stations like OBN, KHC, Kasperse Hory, etc., and their respective coordinates and observation times.

Table of astronomical observations for 988, listing stations like SSF, ARU, BGF, WLF, etc., and their respective coordinates and observation times.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMQ, NB2, NB200, NOA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN, HHC, MDSI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IGIL, MDD, INMG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMTG, PVAO, EGRO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JMA, NACB, TWD, etc.



18d 10h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWY Kouya, JNY Yasuko, JHU Hanno, etc.

TAP 18 09:46:51.2, 24.29N, 121.75E, h16km, ML1.2, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA Nanau, ENA Nanau, NANS Nanau, etc.

JMA 18 09:47:46.0, 24.48N, 123.48E, h10km, 3km, M2.5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, YOF Yonaguni jima, etc.

GUC 18 10:05:42.0, 0.6, 34.11S, 70.59W, h104km, 3km, ML3.5, 1C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LMEL Las Melosas, ANTU Antumapu, FCH Farellones, etc.

ISCJB 18 10:22:55.0, 1.1, 25.16N, 0.07E, 123.61E, h20km, M2.9, mb3.5/3, mb1.2m, 4.1, Error ellipse: s-maj=10.1km

JMA 18 10:22:56.0, 2.0, 25.09N, 123.61E, h20km, M2.9, mb1.3/4, mb1mx3/4.5, mbmtmp3.4/4, ML3.0/1, MS2.8/2, Ms1.2/2.2km, ms1mx3.0/3.0, Error ellipse: s-maj=72.5km

ISC 18 10:22:56.4, 1.4, 25.09N, 0.09E, 123.61E, h10km, n12, c=044/14, mb3.5/3, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, JISG Ishigakijima, YOF Yonaguni jima, etc.

ISCJB 18 10:25:56.0, 0.3, 5.36S, 0.04E, 81.34W, h10km, mb4.1/10, MS3.5/7, Error ellipse: s-maj=8.6km

ISC 18 10:25:56.2, 0.7, 5.33S, 81.25W, h0km, mb4.1/10, mb1.4/3/13, mb1mx4.1/4.5, mbmtmp4.1/13, ML3.7/13, MS2.8/12, Ms1.3/1.2, ms1mx3.2/7, Error ellipse: s-maj=29.3km

NEIC 18 10:28:02.0, 1.5, 5.39S, 0.03E, 81.20W, h0km, h45km, 6km, mb4.5/46, ML2.4(ARE)

ISC 18 10:25:58.3, 0.5, 3.73S, 0.06E, 81.23W, h10km, n98, c=1527/83, mb4.5/29, MS3.5/7, Near coast of northern Peru

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

2013 SEP

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OTAV Otavalo, NNA Nana, NNA Nana, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ Las Paz, LPAZ Las Paz, LPAZ Las Paz, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

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

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNTX Cornudas Mount, MGMO Mountain Grove, MGMO Mountain Grove, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCMT McKenzie Canyon, GOZ Gozenon (W), MFID Carnas Ranch, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EKA Eskdalemuir Ar, AFI Afiamalu, FALS False Pass, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAA1 Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK32 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikh, OKAK Okmok, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LVA Lava Point, AKGG Akutan Green G, AKGG Akutan, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDKA Kodiak Island, KDKA Kodiak Island, KDKA Kodiak Island, etc.

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

ISC 18 10:36:38.5, 9.5, 7.52S, 58.01E, 170.73W, h0km, h6km, 4km, ms3.9/11, Error ellipse: s-maj=9.7km

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Eagle Plains, Seymchan, Dease Lake, etc.

DJA 18 10:44:49.3, 0.6, 9.9 S, 5.1 E, h33km, 5km, M4.1/8, MLv4.1/8, South of Bali

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Denpasar, Singaraja, Jajag, etc.

SOME 18 10:59:04.2, 45.73N, 85.00E, h5km NNC 18 10:59:05.7, 1.1, 45.71N, 84.97E, h0km, mb3.6, mpv3.2

Error ellipse: s-maj=8.9km s-min=3.9km az=120.0

ISC 18 10:59:02.7, 2.9, 45.61N, 0.10, 85.0E, 0.1, h10km, n11, o#95/13, 3C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Zaisan, Makanchi Array, etc.

MEX 18 11:20:24.8, 0.6, 26.29N, 98.03W, h8km, 7km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Pinotepa, Tlapa, Vista Hermosa, etc.

WEL 18 11:21:35.1, 0.9, 35.5 S, 14.7 W, 9.1 E, h108km, 47km, M4.3/31, mB4.9/3, ML4.6/5, MLv4.3/31, Mw(mB)4.1/3,

Error ellipse: s-maj=0.0km s-min=0.0km az=134.2, East of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waiomatatini S, Pakihiroa, etc.

ISCJB 18 11:30:18.7, 0.4, 59.90N, 0.04, 22.29E, 0.04, h0km, Error ellipse: s-maj=5.3km s-min=2.8km az=160.0

BER 18 11:30:20.9, 1.6, 59.68N, 22.43E, h0km, ML1.9, Suspected explosion

HEL 18 11:30:20.5, 0.0, 59.83N, 22.31E, h0km, ML2.3, ML2.6(UPP), Explosion

UPP 18 11:30:20.7, 1.1, 59.86N, 22.24E, h0km, ML2.6, Suspected explosion

IDC 18 11:30:21.2, 1.7, 59.83N, 22.44E, h0km, mb1.2/9.4, mb1mx2.8/38, mbtmp2.8/4, ML2.2/4, Error ellipse: s-maj=24.2km s-min=6.5km az=159.0

ISC 18 11:30:18.7, 0.8, 59.90N, 0.04, 22.36E, 0.03, h0km, m59, o#196/82, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Rauma, Aaland, Nural, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Sumiainen, Hemsoen, Hagfors, etc.

TIR 18 11:34:31.4, 41.49N, 19.73E, h20km, Md3.0/5

ISC 18 11:34:31.7, 1.1, 41.49N, 19.73E, h20km, Md3.0/5, n14, o#76/20, Albania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tirane, Puka, Peshkopja, etc.

MEX 18 11:47:34.5, 1.1, 27.24N, 111.23W, h16km, 999km, MD3.6, Gulf of California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Guaymas, Santa Rosalia, etc.

ISCJB 18 11:51:49.8, 0.6, 0.74S, 0.04, 80.52W, 0.05, h16km, Error ellipse: s-maj=8.4km s-min=3.8km az=37.6

IGQ 18 11:51:49.3, 0.5, 1.5 S, 4.8 W, h20km, MLv4.4

ISC 18 11:51:49.8, 1.0, 0.84S, 0.05, 80.54W, 0.06, h16km, m50, o#171/52, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mancha de Ca P, Isla de la Pla, Magdalena, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Phase, and Residual. Includes stations like CBOC Ciudad Bolivar, NORC Norcasia, etc.

SOME 18 11:54:05.9, 42.68N, 75.67E
ISCJB 18 11:54:06.7, 0.5, 42.69N, 0.03, 75.68E, 0.03, h0km, Error
ellipse: s-maj=3.9km s-min=3.4km az=37.6

KRNET 18 11:54:06.3, 0.1, 42.68N, 75.65E, h6km, mb2.5
NNC 18 11:54:06.9, 0.7, 42.69N, 75.69E, h0km, mb2.9, mpv2.5,
Error ellipse: s-maj=5.3km s-min=2.7km az=157.0,
Suspected Mining explosion.

ISC 18 11:54:06.6, 1.0, 42.69N, 0.03, 75.68E, 0.02, h0km, n16,
o569/32, 8C-2D, Lake Issyk-Kul region

Main station list table for the first section, including columns for Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC.

DJA 18 11:54:12.3, 0.5, 9.5S, 10x11°3E, h83km, 13km, M3.9/10,
ML3.9/10, South of Java

Station list table for the second section, including stations like JAGI Jajag, Banyuwa, PWJI Pagerwojo, etc.

MAN 18 12:04:40.3, 6.98N, 123.73E, h9km, mb3.7, ML2.4, MS1.8,
ID, Mindanao

Station list table for the third section, including stations like CTB Cotabato, SKMP Bagumbayan, Su, etc.

ISCJB 18 12:19:00.1, 2.226S, 0.2, 179.6W, 0.2, h500km, mb3.2/5,
Error ellipse: s-maj=26.7km s-min=25.2km az=161.8
IDC 18 12:19:00.1, 6.7, 22.54S, 179.55W, h495km, 69km, mb2.8/5,
mb1.3/0.6, mb1mx2.9/3.1, mbtmp3.8/6, Error ellipse:
s-maj=45.8km s-min=25.2km az=37.0

ISC 18 12:19:00.5, 1.2, 22.6S, 0.2, 179.5W, 0.2, h500km, n8,
o573/8, mb3.2/5, South of Fiji Islands

Station list table for the fourth section, including stations like URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, etc.

NIED 18 12:22:00, 33.20N, 137.30E, h5km, Mw3.7 Best double
couple: M3.76000x1014 NP1.3560000, 0.60.00000,
1.4.00000, NP2.3148.00000, 0.87.00000,
1.150.00000

IDC 18 12:22:45.0, 1.1, 33.26N, 137.31E, h0km, mb3.4/5,
mb1.3/0.9, mb1mx3.5/4.5, mbtmp3.5/9, ML3.1/4, MS2.7/4,
Ms1.2/7.4, ms1mx2.5/2.9, Error ellipse: s-maj=25.2km
s-min=19.5km az=44.0

JMA 18 12:22:46.6, 0.2, 33.16N, 137.31E, h51km, 2km, M3.6
ISC 18 12:22:46.1, 7.3, 33.17N, 0.06, 137.29E, 0.04, h6km, 11km,

n34, o184/38, mb3.4/5, 8C-6D, Near south coast of
eastern Honshu

Main station list table for the second section, including stations like TTO2 TONANKAI O.B.S., TK01 Tokai, etc.

ISCJB 18 12:28:19.5, 0.7, 31.63S, 0.04, 69.02W, 0.05, h121km, 7km,
Error ellipse: s-maj=6.7km s-min=6.1km az=36.0
GUC 18 12:28:19.6, 0.7, 31.63S, 0.04, 69.02W, 0.05, h121km, 7km,
ML2.6
SJA 18 12:28:19.3, 0.8, 31.65S, 69.02W, h117km, 3km, ML2.7,
MW3.3

ISC 18 12:28:20.1, 1.5, 31.63S, 0.04, 69.03W, 0.04,
h117km, 10km, n18, o568/28, 2C, San Juan Province

Main station list table for the third section, including stations like Code Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC.

MEX 18 12:30:54.7, 1.0, 16.70N, 99.76W, h16km, 11km, MD3.7,
Near coast of Guerrero

IDC 18 12:42:37.5, 0.6, 25.38S, 70.60W, h0km, mb4.5/12,
mb1.4/5/17, mb1mx4.4/32, mbtmp4.4/17, ML4.1/5, MS3.7/9,
Ms1.3/9, ms1mx3.5/17, Error ellipse: s-maj=18.8km
s-min=12.9km az=105.0

ISCJB 18 12:42:39.6, 0.9, 25.30S, 0.02, 70.55W, 0.06, h25km, 7km,
mb4.6/26, MS3.6/5, Error ellipse: s-maj=9.8km
s-min=3.7km az=0.6

GUC 18 12:42:40.0, 0.8, 25.36S, 70.85W, h43km, 4km, ML4.5
NEIC 18 12:42:41.2, 2.2, 25.30S, 0.03, 70.78W, 0.07, h25km, 1km,
mb4.7/58, Mw4.3, ML4.5(GUC), Moment Tensor Solution.

Moment tensor: Scale 10^15Nm; Mr:2.49; Mw:0.45;
Ms:2.04; Ms:1.90; Ms:1.74; Ms:1.72; Fault plane
solution: M3.86000x1015 NP1.35.69000, 0.66.59000,
1.78.73000. NP2.36.342.33000, 0.25.85000, 1.14.34000.
Principal axes: T: 3.5541, P: 6767.0000, Azm:25.0000; N:
0.5476, P: 10.0000, Azm:140.0000; P: -4.1017,
P: 2.0000, Azm:24.0000.

MOS 18 12:42:42.8, 1.6, 25.31S, 70.61W, h44km, mb5.1/18 Error
ellipse: s-maj=16.0km s-min=7.9km az=93.6
ISC 18 12:42:41.6, 1.0, 25.33S, 0.03, 70.70W, 0.06, h29km, 7km,
n231, o1946/234, mb4.6/10, MS3.6/5, 7C-12D, Near coast
of northern Chile

Main station list table for the fourth section, including stations like Code Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GOGA Godfrey, HKT Hockley, Z50A Ashland, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WALA Waterton Lakes, BORG Borgarnes, MODS Modra-Piesok, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ML3.0/30, Error ellipse: s-maj=1.7km s-min=1.6km, MEX 18 12:53:36.9, etc.

Table of meteorological data for the 18d 14h period, including station names, codes, and various parameters like time, rise, and phase ID.

ISC/JB 18 13:02:41.3...0.7, 4.9S; 0.2x151.2E; 0.2, h100km, mb3.3/5, Error ellipse: s-maj=32.7km s-min=7.6km az=135.6

ISC 18 13:02:42.0...0.7, 4.9S; 0.151.27E, h99km, 13km, mb3.2/5, mb1 3.4/6, mb1mx3.2/33, mbtmp3.6/6, Error ellipse: s-maj=64.9km s-min=12.4km az=128.0

ISC 18 13:02:42.0...9, 4.9S; 0.2x151.3E; 0.2, h100km, n8, e079/11, mb3.5/5, New Britain region

Table of meteorological data for the 18d 14h period, including station names, codes, and various parameters like time, rise, and phase ID.

ISC 18 13:17:53.2...5.6, 12.77N; 143.75E, h76km, 75km, mb3.0/4, mb1 3.2/4, mb1mx3.0/35, mbtmp3.3/4, Error ellipse: s-maj=87.0km s-min=24.7km az=91.0, South of Mariana Islands

Table of meteorological data for Morocco, including station names, codes, and various parameters like time, rise, and phase ID.

MEX 18 13:46:14.7...0.5, 16.50N; 98.66W, h10km, 6km, MD3.7, Near coast of Guerrero

Table of meteorological data for the Near coast of Guerrero region, including station names, codes, and various parameters like time, rise, and phase ID.

TIF 18 13:53:22.1...42.16N; 45.83E, h21km, 3km
NORS 18 13:53:23.1...0.0, 42.09N; 45.78E, h24km, MPVA3.9
MOS 18 13:53:23.0...0.0, 42.12N; 45.77E, h23km, MPVA3.8
DRS 18 13:53:25.6...0.0, 42.24N; 45.85E, h12km
DDA 18 13:53:30.0...41.65N; 45.41E, h7km, 2km, ML2.4
ISC 18 13:53:22.9...1.1, 42.05N; 0.02; 45.74E; 0.02, h5km, 10km, n46, e095/93, Eastern Caucasus

Table of meteorological data for the Eastern Caucasus region, including station names, codes, and various parameters like time, rise, and phase ID.

ISC 18 13:02:42.0...9, 4.9S; 0.2x151.3E; 0.2, h100km, n8, e079/11, mb3.5/5, New Britain region

Table of meteorological data for the 18d 14h period, including station names, codes, and various parameters like time, rise, and phase ID.

Table of meteorological data for MEX 18 14:19:38.9...0.4, 17.39N; 95.63W, h27km, 9km, MD3.6, Oaxaca

BUI 18 14:29:13.7...0.0, 3.12N; 97.52E, h93km, mb4.7/39, mB4.9/29
NEIC 18 14:29:16.5...1.8, 3.42N; 0.05; 97.50E; 0.05, h87km, 4km, mb4.9/60
ISC/JB 18 14:29:16.3...0.3, 3.36N; 0.03; 97.47E; 0.03, h100km, 2km, mb4.7/73, Error ellipse: s-maj=5.9km s-min=3.6km az=141.1
IDC 18 14:29:17.0...0.5, 3.47N; 97.51E, h84km, 4km, mb4.2/28, mb1 4.3/30, mb1mx4.2/42, mbtmp4.5/30, MS3.1/4, MS1.3/14, ms1mx2.7/38, Error ellipse: s-maj=13.3km s-min=5.9km az=38.0

MOS 18 14:29:18.0...0.9, 3.47N; 97.59E, h115km, mb4.9/35, Error ellipse: s-maj=10.8km s-min=5.1km az=115.5
DJA 18 14:29:18.5...0.4, 3.3N; 3.9E, h54km, 7km, M4.7/15, mB5.0/2, mb4.7/4, MLV4.8/15, Mv(mB)4.3/2
ISC 18 14:29:16.3...0.4, 3.37N; 0.04; 97.44E; 0.04, h83km, 3km, h83km; p-P, n291, e1925/315, mb4.8/89, 16C-10D,

Table of meteorological data for Northern Sumatra, including station names, codes, and various parameters like time, rise, and phase ID.

ISC 18 13:53:22.1...42.16N; 45.83E, h21km, 3km
NORS 18 13:53:23.1...0.0, 42.09N; 45.78E, h24km, MPVA3.9
MOS 18 13:53:23.0...0.0, 42.12N; 45.77E, h23km, MPVA3.8
DRS 18 13:53:25.6...0.0, 42.24N; 45.85E, h12km
DDA 18 13:53:30.0...41.65N; 45.41E, h7km, 2km, ML2.4
ISC 18 13:53:22.9...1.1, 42.05N; 0.02; 45.74E; 0.02, h5km, 10km, n46, e095/93, Eastern Caucasus

Table of meteorological data for the Eastern Caucasus region, including station names, codes, and various parameters like time, rise, and phase ID.

ISC 18 13:02:42.0...9, 4.9S; 0.2x151.3E; 0.2, h100km, n8, e079/11, mb3.5/5, New Britain region

Table of meteorological data for the 18d 14h period, including station names, codes, and various parameters like time, rise, and phase ID.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NB2 NORSAR Subarra, NB20 NORSAR Array S, etc.

DRS 18 14:46:45.2,0.0,43.40N,45.00E,h17km
MOS 18 14:46:47.4,0.0,43.16N,45.29E,h25km,MPVA3.3
NORS 18 14:46:48.6,0.0,43.06N,45.32E,h29km,MPVA3.5
ISCJB 18 14:46:49.5,0.6,43.21N,0.07,45.29E,0.03,h24km,6km,
Error ellipse: s-maj=12.2km s-min=3.2km az=5.2
ISC 18 14:46:48.6,1.2,43.18N,0.08,45.27E,0.03,h23km,13km,
n13,c1505/26,Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GROC Groznyy, VLKR Vladikavkaz, etc.

ISC 18 14:49:03.4,0.9,2.42S,79.80W,h0km,mb3.4/6,
mb1 3.9/10,mb1mx3.6/8.3,mbtmp3.7/10,ML4.0/3,MS3.6/10,
MS1 3.6/10,mb1mx3.3/2.7,Error ellipse: s-maj=32.9km
s-min=15.8km az=46.0
ISCJB 18 14:49:07.4,0.5,2.71S,0.03,80.00W,0.06,h44km,
mb3.5/7,MS3.4/6,Error ellipse: s-maj=8.9km s-min=5.0km
az=177.2

NEIC 18 14:49:11.8,1.1,2.65S,0.09,79.8W,0.2,h65km,8km,
mb4.3/9
ISC 18 14:49:09.3,0.7,2.65S,0.07,80.0W,0.1,h44km,n70,
+1569/63,mb3.7/10,MS3.4/6,Near coast of Ecuador

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHIC Chingaza, NORC Norcasia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Ignacio, SIV Pinyon Flats O, etc.

ISC 18 14:54:36.9,1.1,35.67N,141.38E,h0km,mb3.6/5,
mb1 3.7/8,mb1mx3.5/4.2,mbtmp3.6/8,ML3.0/3,MS3.0/7,
MS1 3.1/7,ms1mx2.7/3.7,Error ellipse: s-maj=33.7km
s-min=20.1km az=89.0
JMA 18 14:54:42.6,0.1,35.73N,140.99E,h35km,1km,M3.2
JMA Felt 1/1
ISC 18 14:54:37.2,2.9,35.71N,0.04,141.24E,0.07,h2km,18km,
n31,c1821/30,mb3.7/5,MS3.0/5,1C-5D,Near east coast
of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHOU Choshi, JHOU Itakohorinouch, etc.

SNET 18 15:06:37.0,0.9,13.00N,89.19W,h42km,28km,ML3.8,1C,
Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNET Serv Nac Est T, AEIL Aeropuerto Ilo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCND La Caada, CNCH Conchagua, etc.

JMA 18 15:06:54.0,2.8,24.82N,122.19E,h94km,3km,M2.2
ISCJB 18 15:06:55.4,0.5,24.84N,0.03,122.22E,0.02,h85km,4km,
Error ellipse: s-maj=4.4km s-min=3.1km az=167.0
TAP 18 15:06:55.1,2.4,85N,122.20E,h87km,ML3.2,C
ISC 18 15:06:55.7,1.4,24.84N,0.04,122.22E,0.03,h84km,8km,
n63,c048/118,3C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiaio Chiao, EEO1 EEO1, etc.





Table with columns for station name, frequency, mode, and other technical details. Includes stations like MYKOM, MNAI, CHAI, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like KURBB, KURK, MAJO, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like ASTR, ASTR, LERK, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Contains station data for the first section.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Contains station data for the second section, including Kermadec Islands region.

Table with columns: CIS, Catalina Island, 1.78 254 S, Sn, 16 45 46.3 +0.5. Contains station data for Catalina Island.

NEIC 18 16:48:54.1±1.5, 19°19'N; 166°145'60"E; 0.08, h17km, 1km, mb5.8/407, Mw5.5, Mww5.4, Mwc5.5 (GCMT), Moment Tensor Solution. Moment tensor: Scale 1017 Nm; Mr=0.27; Mm=1.10; Mss=0.83; Ms=1.37; Mso=0.00; Msr=1.03; Fault plane solution: Mo1.980000x1017 NP1; 0s127.640000; 8s5.110000; λ-61.890000; NP2; 0s226.700000; 8s28.500000; λ-169.710000. Principal axes: T 2.0618, P1g34.0000, Azm194.0000; N -0.1653, P1g28.0000, Azm305.0000; P -1.8965, P1g43.0000; λ-65.0000.

ISC 18 16:44:09.0±0.0, 31°27'S; 179°77'W, h334km, 56km, mb3.0/4, mb1.3/25, mb1mx3.1/44, mbtmpp3.8/5, Error ellipse: s-maj=85.4km s-min=23.1km az=44.0

ANF 18 16:44:52.0±0.2, 33°91'N; 116°36'W, h16km±1km, ML2.5/22, ML2.5/22, Error ellipse: s-maj=1.2km s-min=1.1km

SCEDC 18 16:44:53.4±0.3, 93°N, 116°36'W, h8km NEIC 18 16:44:53.2±0.2, 33°90'N; 116°36'W; 0.03, h15km, 6km ISC 18 16:44:52.9±0.3, 33°91'N; 116°37'W; 0.02, h14km, 8km, n40, c64/63, Southern California

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Contains station data for the third section.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Contains station data for the fourth section, including Mariana Islands.

18d 16h

Table with columns: TWG, Pinlang, Time, Status, Location, and various numerical data points.

2013 SEP

Table with columns: TIA, LR, Location, Time, Status, and various numerical data points.

1000

Table with columns: SKNT, Location, Time, Status, and various numerical data points.



18d 16h

Table with columns: Station, Name, Time, Power, Modulation, Frequency, SNR, and other parameters. Includes stations like ILAR, ILAR, ILAR, etc.

2013 SEP

Table with columns: Station, Name, Time, Power, Modulation, Frequency, SNR, and other parameters. Includes stations like KBL, JIS, JIS, etc.

1002

Table with columns: Station, Name, Time, Power, Modulation, Frequency, SNR, and other parameters. Includes stations like YBH, YBH, YBH, etc.



18d 16h

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like MVCO Mesa Verde, RSSD Black Hills, and ECSD EROS Data Cent.

2013 SEP

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like ECSD EROS Data Cent, MAAO Mount Meron Ar, and GDL2 Guadalupe Moun.

1004

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like 353A Camilla, U58A Oxford, and V58A Wood Hill, Pi.

ISCJB 18 16:51:11.1±0.6, 58:51±0.0, 03:18±0.0, 09:h0km, Error ellipse: s-maj=6.7km s-min=4.6km az=6.7

UPP 18 16:51:17.2±0.3, 58:52±0.1, 18:57E, h0km, ML2.0, Explosion IDC 18 16:51:17.2±0.3, 58:52±0.1, 18:50E, h0km, mbr 3.0/4, mbr-mx2.9/5.5, mbr-m2.9/4.2, ML2.1/4. Error ellipse: s-maj=26.8km s-min=7.8km az=178.0

ISC 18 16:51:10.3±0.9, 58:51±0.0, 04:18±0.0, 05:h0km, n19, s±164±23, Baltic Sea

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like NYNU Nynaeshamm, GOTU Gotland, and VIKU Vikbolandet.





18d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Khunzakh, Botanihuri, Delisi, Vedeno, Gunib, Komgaron, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Botlikh, XNZR, GNBR, etc.

MOS 18:19:57.4+0.0, 42.15N, 45.86E, h17km, MPVA3.5
NORS 18:19:57.0+0.0, 42.08N, 45.86E, h22km, MPVA3.6
DRS 18:19:57.1+0.0, 42.18N, 45.86E, h14km

ISC 18:18:59.0+1.5, 42.13N, 0.07+45.92E, 0.03, h16km, 10km, n14, c1522/28, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like Botlikh, XNZR, GNBR, etc.

NEIC 18:22:40.9, 39.69N, 41.65E, h9km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr-2.00; Mss6.14; Mss-4.14; Mss0.37; Mss0.30; Mrr-1.35; Fault plane solution: M5.61000x10^15; NP1=30.46, 16000, 570, 18000, lambda=162.68000, NP2=30.12000, 573, 74000, lambda=20.69000, Principal axes: P=6.1638, Plg2.0000, Azm359.0000, N=1.3540, Plg6.0000, Azm94.0000, P=-4.8097, Plg26.0000, Azm267.0000; TIF 18:22:40.1, 39.71N, 41.69E, h4km, 1km; ISK 18:22:41.3, 39.69N, 41.69E, h5km, ML4.5/37; DDA 18:22:41.7, 39.70N, 41.68E, h11km, 2km, ML4.3; IDC 18:22:42.9, 39.81N, 41.69E, h0km, mb1.1/2.0, mb1 4.2/3.0, mb1mx4.1/5.0, mb1tmp4.1/3.0, ML3.9/5.8, 8/25, mb1 3.8/25, ms1mx3.6/5.0, Error ellipse: s-maj=10.3km s-min=6.6km az=177.0; AZER 18:22:42.7, 0.4, 40.29N, 41.21E, h5km, ml4.3/16, ms3.8/3, Error ellipse: s-maj=7.0km s-min=3.4km az=163.0; MOS 18:22:43.7, 1.3, 39.66N, 41.68E, h18km, mb4.7/15, Error ellipse: s-maj=4.5km s-min=3.3km az=96.6

2013 SEP

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like KOPR, HOPM, EKAR, VRTB, VRTB, etc.

1006

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like KEMA, HAKKARI, KZRT, ARPR, SUSE, etc.



Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (BNI, RSL, HFS, etc.).

18d 18:23:22.44,2.10;50N:86.89W,h0km,mb3.6/4, mb1 4.0/6, mb1mx3.7/42, mbtmp3.6/6, ML3.4/2, MS2.6/1, Ms1 2.6/1, ms1mx2.2/24, Error ellipse: s-maj=123.9km s-min=19.1km az=2.0

ISCJB 18:23:25.1,6.10;50N:0.05;-87.08W,0.0/4,h28km,15km, mb3.5/4, Error ellipse: s-maj=10.0km s-min=4.9km az=3.0

UCR 18:23:25.0,2.0;10.49N:87.03W,h17km, MW4.0 SNET 18:23:26.9,0.9;10.54N:87.11W,h33km,45km,ML4.3 ISC 18:23:28.7,1.5;10.60N:0.08;-86.97W,0.0/7,h39km,4km, n32,-18142,mb3.5/4,Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (MASN, COPN, etc.).

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (PACA, Pacayal, CVTR, etc.).

IDC 18:27:42.6;7.8,17.765x172.62W,h0km,mb3.8/3, mb1 4.1/3, mb1mx3.6/35, mbtmp3.8/3, Error ellipse: s-maj=362.4km s-min=36.3km az=141.0, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (WRA, ASAR, ILAR, BRTR, etc.).

NIC 18:32:48.9,0.0,33.39N:26.05E,h22km,42km,ML4.5/4 GL 18:32:49.4,0.0,34.18N:25.15E,h10km,mb4.5/1, MD4.4/1

BUI 18:32:53.9,0.0,34.30N:24.96E,h13km,mb4.7/18, mb5.0/13, Ms4.5/3, Ms7.4/3 SANT 18:32:54.4,0.6,34.35N:25.07E,h0km,mb4.4/28, Mb1 4.4/40, mb1mx4.4/59, mbtmp4.4/40, ML4.2/10, MS3.5/7, Ms1 3.5/7, ms1mx3.0/46, Error ellipse: s-maj=173.7km s-min=10.8km az=164.0

ISK 18:32:55.4,34.07N:25.17E,h21km,ML4.2/20 HLW 18:32:56.5,34.31N:25.12E,h10km,ML4.2 MED\_RC 18:32:56.0,0.7,34.18N:25.15E,h10km,ML4.7

Moment Tensor Solution: Mantle waves: s7:11; Duration: 1s0 Moment tensor: Scale 10^15Nm; Mn:2.45e+58; Mw:1.69e+28; Mw-1.44e+50; Mw:1.95e+88; Mw:0.13e+49; M1:3.28e+1.11; Best double couple: Ms:5.22000x10^15 Np1:154.00000, 873.00000, 163.00000. NP2: 34.00000, 832.00000, 146.00000. Principal axes: T 4.8900, Plg54.0000, Azm31.0000; N 0.6600, Plg26.0000, Azm162.0000; P -5.5500, Plg23.0000, Azm264.0000; nstai refers to body waves. nstaz refers to surface waves, cutoff=35s.

ATH 18:32:57.8,34.29N:25.10E,h27km,1km,ML4.3/7 Error ellipse: s-maj=2.9km s-min=1.4km az=1.0 THE 18:32:58.8,34.32N:25.16E,h0km,1km,ML4.1/11, Error ellipse: s-maj=2.2km s-min=0.8km az=172.0

NEIC 18:32:58.9,1.5,34.21N:0.04;25.10E;0.05,h30km,5km ISCJB 18:32:58.1,0.3,34.20N:0.02;25.18E;0.02,h39km,2km, mb4.5/69,MS3.3/1, Error ellipse: s-maj=3.2km s-min=2.2km az=30.3

MOS 18:33:02.9,1.4,34.62N:25.26E,h27km,mb4.7/34, Error ellipse: s-maj=4.4km s-min=2.7km az=94.8 NSSC 18:33:04.0,0.7,32.64N:26.13E,h5km,99km,ML3.5 DDA 18:33:05.9,33.59N:24.69E,h12km,1km,ML4.3

ISC 18:33:05.8,0.6,34.25N:0.03;25.11E;0.02,h31km,5km, n546,-2814600,mb4.5/74,41C-17D,Croze

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (SIVA, SIVA, SIVA, etc.).

18d 18:33:17.0,0.0;10.49N:87.03W,h17km, MW4.0 SNET 18:33:26.9,0.9;10.54N:87.11W,h33km,45km,ML4.3 ISC 18:33:28.7,1.5;10.60N:0.08;-86.97W,0.0/7,h39km,4km, n32,-18142,mb3.5/4,Off coast of Costa Rica

UCR 18:33:25.0,2.0;10.49N:87.03W,h17km, MW4.0 SNET 18:33:26.9,0.9;10.54N:87.11W,h33km,45km,ML4.3 ISC 18:33:28.7,1.5;10.60N:0.08;-86.97W,0.0/7,h39km,4km, n32,-18142,mb3.5/4,Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (IACM, IACM, IACM, etc.).

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (ZKR, ZKR, ZKR, etc.).

Main table containing astronomical data for 1009 stations, including columns for station name, coordinates, elevation, and various signal quality metrics.

18d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LKRN, VORD, HAU, VSR, SUW, etc.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU, ARU, ARU, SVE, SVZ, etc.

1010

Table with columns for station name, frequency, power, and other technical details. Includes stations like BILL, SEY, SEY, MA2, MA2, etc.

Table with columns: call sign, name, frequency, power, mode, status, etc. Includes stations like PETK, PEAOB, YUK, and others.

Table with columns: call sign, name, frequency, power, mode, status, etc. Includes stations like H1S1, H1S3, H1S2, and others.

Table with columns: call sign, name, frequency, power, mode, status, etc. Includes stations like ARA0, ARCES, KOLN, and others.

Table of seismic stations including GRF, WET, GEC2, GERES, CONA, BRTR, KBA, STKA, WATA, WTTA, RETA, MOTA, VTS, SS1A, PMOR, TUE, SRS, PPT2, CSS, SSB, TOA1, TORD, CPUP, and PLCA. Each entry includes station name, coordinates, and technical parameters.

MAN 18:51:40.9,9:14N:126.43E, h13km, mb4.5, ML3.4, MS3.2. Table of station data for station 1C-10, Mindanao, including station names like BUTP, MSLP, BUKP, etc.

SNET 18:52:16.4, 1.0, 13:37N:89:74W, h47km, 11km, ML3.3. CCG 18:52:17.1, 0.3, 13:31N:89:87W, h56km, 113km, MD3.6. Table of station data for stations CEVE, SBLS, SBLJ, etc.

SOME 18:19:11:45, 1.4, 41:13N:72:00E, h5km. KRNET 18:19:11:47, 2.0, 1.4, 13N:71:95E, h20km, mb2.2. Table of station data for stations LFU, MOYG, PAVA, etc.

ASAR 18:19:11:52, 0.3, 7.4, 1:37N:71:85E, h0km, mb2.7, mpv2.5. Error ellipse: s-maj=36.3km s-min=10.5km az=0.0. Table of station data for stations ARK, ARSB, BTM, etc.

Table of seismic stations including ARLS, EKS2, UCH, KK31, AAK, AAK, AAK, BRLS, BRLS, SGDS, SGDS, TKM2, TKM2, BRLS, BRLS, IKOM, IKOM, IGAR, IKHL, IDHR, IZEF, HSRG, GDM, IMEH, IRAZ, IRAZ, IKRK, IKRK, QABG, RTB, RTB.

IDC 18:19:13:49.9,0.8,5:04S:132:31E, h0km, mb3.8/8. mb1.4, 1/11, mb1nxd.9/38, mbtmp4.0/11, ML4.8/3, Error ellipse: s-maj=38.5km s-min=18.2km az=76.0. Table of station data for stations FAKI, FAKI, FAKI, BNDI, SAUI, SAUI, MSAI, AAI, SJU, NLAJ, LBMI, SAUI, KDU, MTN, MTN, MTN, SOEI, SOEI, SOEI, BATI, BATI, BATI, KNRA, KNRA, COEN, COEN, FITZ, FITZ, WRAB, WRA, WRA, WRA, QIS, QIS, MTSU, JAGI, JAGI, AS31, ASAR, ASAR, ASAR, WRKA, CTA, P5A00, QLP, MEK, STKA, STKA, KRSR, SONO, SONM, MK31, MK31, MK32, MK32, MKAR, ZALV, ZAA1, KARB, BVAO, BVAR, ILAR, TXAR, TORD.

Table of seismic stations including code, station name, coordinates, and technical parameters for the right column of stations.

Table of seismic stations including TOA1, LPAZ, ISN, ISCB, TEH, ISC, Code, Station Name, coordinates, and technical parameters for the right column of stations.





18 20h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Waitaha Valley, Rata Peaks, etc.

IDC 18 20:00:40.9-4.4, 23.43N:94.28E, h94km, 38km, mb2.9/3, mb1 3.1/4, mb1mx2.9/33, mbtmp3.3/4, Error ellipse: s-maj=101.5km s-min=23.2km az=60.0

ISC 18 20:00:40.6-1.4, 23.33N:0.6-94.0E:0.7, h100km, n5, e217/6, mb3.3/3, Myanmar-India border region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Shillong, Chiang Mai Arr, etc.

DRS 18 20:03:52.2-0.0, 42.16N:45.63E, h12km TIF 18 20:03:52.8, 42.12N:45.72E, h21km, 2km MOS 18 20:03:52.0-0.0, 42.10N:45.75E, h15km, MPVA3.7

NORS 18 20:03:52.1-0.0, 42.02N:45.82E, h15km, MPVA3.6

ISK 18 20:03:53.6, 41.99N:45.75E, h9km, ML2.7/3

DDA 18 20:03:54.9, 41.87N:45.68E, h7km, 9km, MD2.5

ISC 18 20:03:52.9-1.0, 42.02N:0.02-45.72E:0.01, h99km, 9km, n5B, e080/110, Eastern Caucasus

Large table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like David-gareji, Dedoflistskaro, etc.

2013 SEP

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Stadv-Durt, Lesken, Derbent, etc.

IDC 18 20:20:35.8-4.0, 4.41S:133.79E, h0km, mb4.2/1, mb1 3.8/4, mb1mx3.5/21, mbtmp3.7/4, ML3.1/3, Error ellipse: s-maj=165.4km s-min=24.4km az=66.0, Irian Jaya region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sorong, Waramunga Arr, etc.

MEX 18 20:24:34.0-0.5, 16.32N:97.77W, h3km, 4km, MD3.5, Oaxaca

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Pinotepa, Tiapa, etc.

SJA 18 20:25:59.3-0.9, 31.30S:68.84W, h103km, 3km, ML3.1, MW3.6, San Juan Province

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Cerro Villucun, AMOG MOGNA, etc.

ISCJJB 18 20:31:50.1-1.8, 14.31N:0.1-92.28W:0.09, h54km, Error ellipse: s-maj=18.9km s-min=6.2km az=36.3

MEX 18 20:31:50.6-0.6, 14.16N:92.33W, h15km, 78km, MD3.6

GCG 18 20:31:56.3-0.3, 14.31N:91.86W, h24km, MD3.5

ISC 18 20:31:50.3-2.5, 14.2N:0.1-92.3W:0.1, h54km, n7, e1507/11, Near coast of Chiapas

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like THIG, FUG, etc.

IDC 18 20:38:03.3-8.3, 1.72S:100.50E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.3/39, mbtmp3.6/4, Error ellipse: s-maj=419.7km s-min=23.3km az=53.0, Southern Sumatera

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Waramunga Arr, ASAR, etc.

ISCJJB 18 20:39:38.5-1.5, 38.2N:0.2-69.10E:0.10, h10km, mb3.7/2, MS2.8/1, Error ellipse: s-maj=24.2km s-min=6.3km az=156.6

IDC 18 20:39:38.8-2.0, 0.38S:69.41E, h0km, mb3.5/3, mb1 3.5/8, mb1mx3.3/46, mbtmp3.5/8, ML2.9/5, MS2.8/2, Ms1 2.8/2, ms1mx2.2/42, Error ellipse: s-maj=36.7km s-min=13.3km az=150.0

NNC 18 20:39:43.9-4.0, 38.31N:69.25E, h0km, mb3.7, mpv3.9, Error ellipse: s-maj=41.7km s-min=21.9km az=166.0

ISC 18 20:39:41.7-1.7, 7.28S:0.2-69.14E:0.08, h10km, n16, e1566/19, 6C-3D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Karatay Array, AAK, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tokmak 2, TKM2, etc.

TAP 18 20:41:29.0, 24.62N:121.79E, h29km, ML2.3, 1C, A, Taiwan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Suao, Neicheng, etc.

MEX 18 20:41:29.0, 24.62N:121.79E, h29km, ML2.3, 1C, A, Taiwan

Large table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Wulai, Eosi, etc.

JMA 18 20:41:42.0-2.0, 24.54N:123.49E, h1km, 2km, M1.7, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include IRIF Iriomote-Funau, YONAGUNI Yonaguni jima, YJNG Yonagunijimaku, etc.

ISCJB 18 20:45:32.8, 0.4, 23.936N, 0.02, 122.42E, 0.02, h2km, 3km, Error ellipse: s-maj=3.2km s-min=2.3km az=148.7

TAP 18 20:45:32.8, 0.3, 23.97N, 122.37E, h17km, ML2.7, D

JMA 18 20:45:33.0, 0.1, 24.72N, 122.35E, h31km, M2.1

ISC 18 20:45:33.0, 1.0, 23.99N, 122.39E, 0.02, h2km, 7km, n76, e0583/119, Taiwan region

Main table for 1015, listing station codes (EOS1, EOS3, etc.) and their corresponding data (Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC).

Table for 2013 SEP, listing station codes (YUS, LIOB, etc.) and their corresponding data (Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC).

BUL 18 20:53:27.4, 0.0, 3.60S, 144.59E, h6km, mb5.0/74, mb5.4/50, Ms5.3/75, Ms7.5/171

ISCJB 18 20:53:29.9, 0.1, 3.34S, 144.26E, 0.03, h2km, mb5.4/107, MS5.1/63, Error ellipse: s-maj=3.7km s-min=3.0km az=162.2

IDC 18 20:53:31.0, 0.4, 3.34S, 144.19E, h0km, mb5.0/26, mb1.5/0/32, mb1mx4.9/41, mbtmp4.9/32, ML4.1/4, MS5.0/34, mb1.5/0/34, ms1mx5.0/42, Error ellipse: s-maj=13.7km s-min=10.0km az=79.0

NEIC 18 20:53:31.2, 2.0, 3.31S, 144.23E, 0.07, h3km, 3km, mb5.4/94, Ms\_20.5/31/5, Mw5.4, Mwc5.6(GCMT), Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M=0.40; M=0.48; M=0.08; M=0.04; M=1.42; M=0.93; Fault plane solution: M1, 75000x10^17 NP1: 0.350, 43000, 879, 50000, 145, 46000, NP2: 0.67, 58000, 856, 12000, 12, 60000, Principal axes: T 1.6976, Plg32.0000, Azm304.0000, N 0.1005, Plg54.0000, Azm156.0000, P -1.7981, Plg15.0000, Azm43.0000

MOS 18 20:53:33.7, 1.0, 3.31S, 144.14E, h27km, mb5.4/17, MS5.1/4, Error ellipse: s-maj=10.2km s-min=5.9km az=113.7

DJA 18 20:53:34.2, 0.2, 3.3S, 144.4E, h10km, M5.2/57, mb5.3/57, mb5.6/36, MLV5.6/Mw(MB)5.2/36, Mwp5.8/1, GCMT 18 20:53:36.8, 0.1, 3.22S, 144.20E, 0.01, h12km, MW5.5/150, Moment Tensor Solution. s125.c210; s150.c294; Duration: 1s Moment tensor: Scale 10^17 Nm; M=0.55; 0.03; M=0.53; 0.03; M=0.02; 0.03; M=0.47; 0.07; M=0.52; 0.02; M=0.63; 0.07; Best double couple: M2.637000, NP1=1.77, 0.0000, 886, 0.0000, λ=166.0000, NP2=86.0000, 876, 0.0000, λ=4.0000, Principal axes: T 2.2820, Plg7.0000, Azm311.0000; N 0.7100, Plg75.0000, Azm193.0000; P -2.9920, Plg13.0000, Azm43.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 18 20:53:36.3, 2.4S, 144.21E, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M=0.51; M=0.00; M=0.00; M=0.59; M=0.55; M=0.65; Fault plane solution: M1, 74000x10^17 NP1=1.78, 0.0000, 882, 0.0000, λ=168.0000, NP2=86.0000, 878, 0.0000, λ=8.68000, Principal axes: T 2.3148, Plg3.0000, Azm312.0000; N 0.7173, Plg76.0000, Azm210.0000; P -3.0322, Plg14.0000, Azm42.0000

ISC 18 20:53:34.1, 0.8, 3.40S, 144.29E, 0.04, h20km, 3km, n466, e192/472, mb5.4/128, MS5.1/73, 11C-5D, Near north coast of New Guinea

Main table for 2013 SEP, listing station codes (MANU, GENI, etc.) and their corresponding data (Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC).

Main table for 18d 20th, listing station codes (SUJI, SAUI, etc.) and their corresponding data (Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC).

18d 20h

Table with columns for station code, name, frequency, and signal strength. Includes stations like STKA, BBOO, H11S3, etc.

2013 SEP

Table with columns for station code, name, frequency, and signal strength. Includes stations like TRTT, CHAI, BKZ, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like XAN, XAN, XAN, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like TLY Talaya, GKN Gorkha, BOD Bodaibo, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like CHMS Chumyshy, KURK Kurchatov, AAK Ala-Archa, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like SYO Syowa Base, PINE Pine Mountain, PRGR Permogore, etc.

18d 21h

Table with columns: HUMP, KIC, DBIC, DBIC, TIC, LIC, SMLT, SAML, SAML, GRGR. Includes station names like Col San Antoni, Kusan Boka, Dimbokro, etc.

JMA 18:20:58.49:8.0,2.4'53N-123.48E, h0km,2km, M1.3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRIF, JKRS, JIGI, JIJ, JISG.

TAP 18:20:59:03.0,24'16N-121.69E, h10km, ML2.5, 1D, C, Taiwan

Large table listing stations in Taiwan with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB, TWD, ETLH, HWA, ENA, NANSB, WHF, NNS, TWC, CHGB, TDCB, EGFH, TWE, EOST, YHNB, SLBB, ILA, NWLT, WVDT, WWDT, WHP, DPDB, HGSD, EHY, SSSL, LIQB, LIQB, NSTT, WLTB, TYC, NHDH, YULB, YULB, TWFI, WHYI, WHYI, NWF, NWF, WFSB, WFSB.

2015 SEP

Table listing stations in the 2015 SEP section with columns: WJS, WNT, YM01, YM01, YM10, YM05, YM05, ANP, ELDTW, CHN4, TPUB, WTP, SLGT, MASBT. Includes station names like Zhushan, Mingjian, etc.

ISCJB 18:21:06:08.4,0.4,3'53S:0.05x126.83E:0.04, h10km, mb3.0/11, Error ellipse: s-maj=7.5km s-min=5.9km

DJA 18:21:06:11.4,0.6,3'S:5.12'E, h14km,5km, M4.2/12, mb4.5/6, MLV4.0/12

IDC 18:21:06:15.7,2.3,3'59S:126.93E, h68km,24km, mb3.6/11, mb1 3.8/15, mb1mx3.6/50, mbtmp3.9/15, Error ellipse: s-maj=19.2km s-min=14.2km az=105.0

ISC 18:21:06:09.8,0.6,3.48S:0.06x126.89E:0.05, h10km, n27, a=191/28, mb4.0/11, Buro

Table listing stations in the ISC section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NLAJ, AAI, SANI, MSAI, LBMI, BDI, BBSI, SIJI, FAKI, APSI, BKSI, KAPI, KAPI, EDFI, SMKI, FITZ, WRA, ASAR, STKA, CMAR, KRSR, MJAR, USRK, SONM, MKAR, ZALV, BVAR, AKTO.

NIC 18:21:09:58.6,0.0,3'7.41N:35.90E, h22km,99km, M1.3/9/6

IDC 18:21:10:02:4.0,8,3'7.45N:36.34E, h0km, mb3.8/11, mb1 3.7/16, mb1mx3.6/40, mbtmp3.7/16, ML3.4/5, MS2.5/1, Ms1 2.5/1, ms1mx2.2/40, Error ellipse: s-maj=15.2km s-min=14.6km az=92.0

DDA 18:21:10:04.2,37.36N:36.17E, h17km,1km, ML3.7

ISK 18:21:10:04.9,37.38N:36.20E, h6km, ML3.9/22

ISCJB 18:21:10:06:0.4,0.7,3'36N:0.02x36.22E:0.02, h16km,4km, mb3.7/11, Error ellipse: s-maj=3.2km s-min=2.7km az=17.3

GII 18:21:10:06:4.0,0.7,3'36N:36.17E, h7km, MD3.8/1

ISC 18:21:10:04:7.1,0.7,3'40N:0.02x36.22E:0.02, h17km,7km, n117, a=51/107, mb3.8/11, Turkey

Table listing stations in the ISC section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANDN, KAMA, CEYT, HCB, KMRS, SAIM, YURE, YURE, GAZ, GAZ, KUZU, KARA, YAHY, KRTO, KRTS, GZT, ELBS, DED, DED, YAD, MERS, NIG, BNN, DARE, CUQU, CUQU, AKCD, KERK, AVNS, CUALT, MALT, CUSAR, URFA, SLFK, SILK, SIRC, CUKAN, KEBE, SULT, IKL.

1018

Large table listing stations in the 1018 section with columns: YOZ, ARPR, TEVE, YAYX, ELZG, SEBY, EREN, KIRS, SCER, KEMA, SVSK, SERE, BERE, SVRC, CDAG, TEKE, CHBY, PARAL, PARAL, PARAL, PARAL, PARAL, PARAL, BRTR, HWQ, LADK, MVOU, MVOU, MVOU, ATHAL, GAZI, CSS, CSS, CSS, BHL, ASGA, ASGA, ALFC, ALFC, DQRL, SZAC, SZAC, SZAC, QZAN, QASN, QASN, AKMS, AKMS, NATA, BRBR, BRBR, BRBR, TOHT, TOHT, TOHT, SHBL, NATI, GEM, KSDI, KSDI, HNTI, HNTI, KSHT, MMAOB, MMAOB, MMAI, BLGI, OFRI, MMLI, ELL, HMDT, SLTI, SLTI, ASF, ASF, DSJ, AMAZ, YTR, YTR, KZIT, PRNI, GNI, KRMI, HRFI, MBRI, STON, STON, GEY, GERES, AKTO, AKTO, HFS, BVAR, ARCS, ZALVO, TORD, SPITS, DBIC, HAGON, SONM, CMAR.

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	14.57	249	Op	P	21 33 48.0 -0.1
URZ	Urewera	20.97	189	P	P	21 34 44.1 -0.7
STKA	Stephens Creek	38.46	241	P	P	21 37 16.5 +1.0
WRA	Warramunga Arr	44.30	259	P	P	21 38 01.0 -1.0
ASAR	Alice Springs	44.00	254	P	P	21 38 03.5 -0.1
MAW	Mawson	84.09	200	P	P	21 42 13.9 +0.5
TXAR	Lajitas Array	86.14	58	P	P	21 42 25.0 +0.9
PDAR	Pinedale Array	87.35	44	P	P	21 42 28.9 -0.8
SNA3	Sanac	91.00	179	P	P	21 42 45.8 -0.1
VNA3	Neumayer Olymp	91.16	177	P	P	21 42 45.9 -0.7
VNA2	Neumayer-Watz	91.59	177	P	P	21 42 49.0 +0.3
BRTR	Keakin Array B	144.21	315	PKP	PKPbc	21 49 13.7 -0.6

**MEX 18 21:31:08.2.0.4, 16.262N;98.010W, h5km, MD3.6, Near coast of Guerrero**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
PNIG	Pinotepa	0.17	319	Op	P	21 10 07.4 -4.2
PNIG	Pinotepa	0.17	319	eS	P	21 11 02.2 -3.8
TLIG	Tipapa	1.04	338	P	Pn	21 31 19.6 -1.5
HUIG	Huautulco	1.89	105	P	Pn	21 31 37.9 -3.3
HUIG	Huautulco	1.89	105	iS	P	21 32 00.3 -5.2

**MAN 18 21:31:54.1, 16.244N;120.51E, h12km, mb4.5, ML3.3, MS3.2, 1D, Luzon**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
CVP	Callao Caves	1.92	41	Op	P	21 32 57.1 +1.2

**ISC 18 21:34:18.3.3.4, 40.72N;0.1x46.6E;0.1, h1km, 13km, n11, r165/10, Eastern Caucasus**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
DDFL	Dedoflistskaro	0.80	334	Op	P	21 34 32.6 -1.0
DDFL	Dedoflistskaro	0.80	334	iP	P	21 34 37.1 -2.3
DGRG	David-gareji	1.16	309	P	Pn	21 34 41.8 +0.6
DGRG	David-gareji	1.16	309	iS	P	21 34 58.3 +2.6
DGRG	David-gareji	1.16	309	P	Pn	21 34 42.8 +1.0
DGRG	David-gareji	1.16	309	iS	P	21 34 58.9 +3.2
BTNK	Botanikuri	1.65	306	P	P	21 34 48.5 -1.7
BTNK	Botanikuri	1.65	306	iP	P	21 35 09.6 -0.7
TBLG	Delisi	1.71	306	P	Pn	21 34 50.3 +1.0
TBLG	Delisi	1.71	306	iS	Pn	21 35 10.7 -1.1
TBLG	Delisi	1.71	306	iS	Pn	21 35 11.7 -0.7
KZRT	Kazreti	1.77	292	P	Pn	21 34 50.0 -1.7
KZRT	Kazreti	1.77	292	P	Pn	21 35 12.5 -0.9
KZRT	Kazreti	1.77	292	iP	Pn	21 35 10.1 +0.9
BGD	Bogdanovka	2.32	284	P	Pb	21 35 02.0 +1.0
BGD	Bogdanovka	2.32	284	S	P	21 35 30.6 -2.3

**ISC 18 21:41:14.8.7.2, 19.855N;178.08W, h0km, mb4.2/3, mb1 4.5/3, mb1mx3.8/27, mbtmp4.2/3, MS3.9/1, Ms1 3.9/1, ms1mx3.0/27, Error ellipse: s-maj=308.6km s-min=145.0km az=145.0, FI Islands region**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
ASAR	Alice Springs	44.60	256	Op	P	21 49 28.9 -0.3
WRA	Warramunga Arr	44.62	261	P	P	21 49 29.4 +0.1
WRA	Warramunga Arr	44.62	261	LR	LR	22 06 47.0
ILAR	Eielson Array	87.70	13	P	P	21 54 04.9 0.0

**ISC 18 21:46:02.0.7.1, 19.175N;168.61E, h277km, 36km, mb3.6/3, mb1 3.7/4, mb1mx3.2/27, mbtmp4.2/4, Error ellipse: s-maj=96.7km s-min=73.1km az=102.0, Vanuatu Islands**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	3.53	215	Op	P	21 47 02.5 +0.5
DZM	Mont Dzumac	3.53	215	S	P	21 47 49.7 0.0
STKA	Stephens Creek	27.36	37	P	P	21 51 23.0 +0.7
WRA	Warramunga Arr	32.27	263	P	P	21 52 04.7 -0.8
ASAR	Alice Springs	32.57	256	P	P	21 52 07.9 -0.1

**NNC 18 21:50:07.8-10.0, 37.82N;71.57E, h0km, mb3.8, mpv3/4, 3C-2D, Error ellipse: s-maj=99.2km s-min=62.0km az=151.0, Afghanistan-Tajikistan border region**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
AAK	Ala-Archa	5.31	24	Op	P	21 51 28.6 +0.1
AAK	Ala-Archa	5.31	24	Op	Pn	21 52 34.5 +4.0
KK31	Karatay Array	5.34	352	P	Pn	21 51 29.8 +1.0
KK31	Karatay Array	5.34	352	iS	Pn	21 52 31.6 +0.6
TKM2	Tokmak 2	5.95	30	Op	Pn	21 51 37.0 -0.4
TKM2	Tokmak 2	5.95	30	Op	Pn	21 52 43.6 -2.9

**ISCJB 18 22:18:08.7.0.4, 6.20S;0.06x148.34E;0.07, h60km, mb4.0/8, MS3.4/3, Error ellipse: s-maj=11.5km s-min=9.2km az=37.9**

**NEIC 18 22:18:09.8.1.4, 6.2S;0.1x148.2E;0.2, h44km, 11km, mb4.1/4**

**ISC 18 22:18:09.2.2.4, 6.14S;148.07E, h39km, 23km, mb3.7/7, mb1 4.1/2, mb1mx3.8/37, mbtmp4.1/2, ML3.8/4, MS3.5/4, Ms1 3.5/4, ms1mx3.0/27, Error ellipse: s-maj=30.8km s-min=10.6km az=119.0**

**ISC 18 22:18:10.5.0.6, 6.24S;0.08x148.32E;0.10, h60km, n25, r134/32, mb3.8/9, MS3.4/3, New Britain region**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
PMG	Port Moresby	3.35	200	Op	P	22 18 59.8 -0.6
PMG	Port Moresby	3.35	200	Op	Pn	22 19 39.3 +0.4
PMG	Port Moresby	3.35	200	Op	LR	22 20 34.9
KRVG	Keravat (ASO76)	4.16	63	P	Pn	22 19 10.7 -0.8
KRVG	Keravat (ASO76)	4.16	63	P	Pn	22 19 58.5 -0.4
RABL	Rabaul	4.33	62	P	Pn	22 19 13.7 -0.2
COEN	Coen	9.19	213	Pn	Pn	22 20 19.6 -0.8
COEN	Coen	9.19	213	Pn	Pn	22 21 59.0 -3.4
COEN	Coen	9.19	213	Pn	Pn	22 21 23.8 -1.0
WR1	Warramunga Arr	19.24	224	P	P	22 26 30.3 +0.3
WR1	Warramunga Arr	19.24	224	P	P	22 26 03.9 -1.1
WR1	Warramunga Arr	19.24	224	P	P	22 26 51.6 +0.2
WR1	Warramunga Arr	19.24	224	P	P	22 26 30.3 +0.3
WRA	Warramunga Arr	19.24	224	P	P	22 26 03.9 -1.1
WRA	Warramunga Arr	19.24	224	P	P	22 26 51.6 +0.2
GUMO	Guam	20.00	350	P	P	22 22 37.6 -0.7

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
KNRA	Kununurra	21.35	242	P	P	22 22 54.4 +1.5
AS31	Alice Springs	22.19	217	P	P	22 23 02.0 +1.1
AS31	Alice Springs	22.19	217	Iamb	Iamb	22 23 21.9
ASAR	Alice Springs	22.19	217	P	P	22 23 02.8 +0.9
ASAR	Alice Springs	22.19	217	S	P	22 27 03.1 +0.2
ASAR	Alice Springs	22.19	217	S	P	22 27 03.1 +0.2
ASAR	Alice Springs	22.19	217	S	P	22 27 03.1 +0.2
DZM	Mont Dzumac	23.54	134	LR	LR	22 30 34.1
FITZ	Fitzroy Crossi	25.07	240	P	P	22 23 32.5 +3.0
FITZ	Fitzroy Crossi	25.07	240	LR	LR	22 34 47.5
FITZ	Fitzroy Crossi	25.07	240	P	P	22 23 32.8 +3.2
FITZ	Fitzroy Crossi	25.07	240	Iamb	Iamb	22 23 46.1
STKA	Stephens Creek	26.27	193	P	P	22 23 41.9 +1.6
STKA	Stephens Creek	26.27	193	LR	LR	22 36 28.0
USRK	Ussuriysk Arr	52.33	345	P	P	22 27 14.8 -1.3
USRK	Ussuriysk Arr	52.33	345	P	P	22 27 14.8 -1.3
CMAR	Chiang Mai Arr	54.52	298	P	P	22 27 31.0 -1.8
PETK	Petrovlovsk	59.66	7	P	P	22 28 09.5 +1.1
PEA1	Petrovlovsk	59.66	7	P	P	22 28 09.5 +1.1
MK32	Makanchi Array	78.52	320	P	P	22 30 05.4 +0.0
MLAR	Makanchi Array	78.52	320	P	P	22 30 05.4 +0.0
ILAR	Eielson Array	85.19	23	P	P	22 30 40.3 +0.3
TORD	Torodi Arr	116.81	314	PKPbc	PKPbc	22 37 46.5 +0.6
TORD	Torodi Arr	116.81	314	PKPbc	PKPbc	22 37 46.5 +0.6
TOA1	Torodi Arr	116.81	314	PKPbc	PKPbc	22 37 46.5 +0.6

**MEX 18 22:19:40.5.0.3, 31.50N;110.09W, h10km, MD3.5, Eastern Arizona-Sonora border region**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
HSIG	Huachuquilla	2.58	197	Op	P	22 20 49.1 -4.8
HSIG	Huachuquilla	2.58	197	iS	P	22 20 49.1 -4.8

**ISC 18 22:43:27.3.4.5, 24.76S;69.18W, h0km, mb4.2/1, mb1 4.1/2, mb1mx3.6/16, mbtmp4.0/2, ML3.9/1, Error ellipse: s-maj=137.1km s-min=57.6km az=75.0**

**SJA 18 22:43:38.2.0.8, 23.68S;69.19W, h80km, 3km, ML3.5, MW3.6**

**ISCJB 18 22:43:39.3.0.6, 23.69S;0.03x69.23W;0.08, h84km, 8km, mb3.9/1, Error ellipse: s-maj=11.8km s-min=8.2km az=9.4**

**GUC 18 22:43:39.5.0.7, 23.68S;69.26W, h72km, 4km, ML3.6**

**ISC 18 22:43:39.7.1.0, 23.68S;0.04x69.25W;0.07, h78km, 8km, n27, r081/41, 7C-1D, Northern Chile**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
PB15	IPOC Station P	0.51	337	Op	P	22 43 53.4 -0.2
PB15	IPOC Station P	0.51	337	eS	Pn	22 44 03.9 -0.4
PB15	IPOC Station P	0.51	337	eS	Pn	22 44 17.2 -0.4
PB15	IPOC Station P	0.51	337	eS	Pn	22 44 03.9 +0.1
PB06	IPOC Station P	1.01	343	Op	P	22 44 58.9 -0.0
PB06	IPOC Station P	1.01	343	eS	Pn	22 44 13.4 +0.1
PB06	IPOC Station P	1.01	343	eS	Pn	22 44 15.1
PB06	IPOC Station P	1.01	343	eS	Pn	22 43 58.8 -0.1
PB06	IPOC Station P	1.01	343	eS	Pn	22 44 13.9 +0.6
LVC	Limon Verde	1.11	16	iP	P	22 44 06.0 +3.0
LVC	Limon Verde	1.11	16	eS	Pn	22 44 16.1 +0.4
LVC	Limon Verde	1.11	16	eS	Pn	22 44 05.0 +2.2
LVC	Limon Verde	1.11	16	eS	Pn	22 44 15.0 +0.2
LVC	Limon Verde	1.11	16	eS	Pn	22 44 17.8

**ISC 18 22:43:39.3.0.6, 23.69S;0.03x69.23W;0.08, h84km, 8km, mb3.9/1, Error ellipse: s-maj=11.8km s-min=8.2km az=9.4**

**GUC 18 22:43:39.5.0.7, 23.68S;69.26W, h72km, 4km, ML3.6**

**ISC 18 22:43:39.7.1.0, 23.68S;0.04x69.25W;0.07, h78km, 8km, n27, r081/41, 7C-1D, Northern Chile**

Code	Station Name	$\Delta^{\circ}$	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
PB15	IPOC Station P	0.51	337	Op	P	22 43 53.4 -0.2
PB15	IPOC Station P	0.51	337	eS	Pn	22 44 03.9 -0.4
PB15	IPOC Station P	0.51	337	eS	Pn	22 44 17.2 -0.4
PB15	IPOC Station P	0.51	337	eS	Pn	22 44 03.9 +0.1
PB06	IPOC Station P	1.01	343	Op	P	22 44 58.9 -0.0
PB06	IPOC Station P	1.01	343	eS	Pn	22 44 13.4 +0.1
PB06	IPOC Station P	1.01	343	eS	Pn	22 44 15.1
PB06	IPOC Station P	1.01	343	eS	Pn	22 43 58.8 -0.1
PB06	IPOC Station P	1.01	343	eS	Pn	22 44 13.9 +0.6
LVC	Limon Verde	1.11	16	iP	P	22 44 06.0 +3.0
LVC	Limon Verde	1.11	16	eS	Pn	22 44 16.1 +0.4
LVC	Limon Verde	1.11	16	eS	Pn	22 44 05.0 +2.2
LVC	Limon Verde	1.11	16	eS	Pn	22 44 15.0 +0.2
LVC	Limon Verde	1.11	16	eS	Pn	22 44 17.8

**ISC 18 22:43:39.3.0.6, 23.69S;0.03x69.23W;0.08, h84km, 8km, mb3.9/1, Error ellipse: s-maj=11.8km s-min=8.2km az=9.4**

**GUC 18 22:43:39.5.0.7, 23.68S;69.26W, h72km, 4km, ML3.6**

**ISC 18 22:43:39.7.1.0, 23.68S;0.04x69.25W;0.07, h78km, 8km, n27, r081/41, 7C-1D, Northern Chile**

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

IDC 18 23:37:11.5, 4.3, 36.55N, 71.17E, h175km, 31km, mb3.1/3, mb1.3/0.10, mb1mx2.8/5, mbtmp3.6/10, MS3.7/4, Ms1.3/7.1, ms1mx2.4/23, Error ellipse: s-maj=54.3km s-min=21.7km, az=143.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KK31, AAK, GEYT, etc.

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

IDC 19 00:20:49.0, 0.8, 5.44S, 153.94E, h0km, mb4.1/9, mb1.4/3.12, mb1mx4.1/31, mbtmp4.2/12, ML3.3/3, MS3.4/8, Ms1.3/4.8, ms1mx3.1/26, Error ellipse: s-maj=24.4km s-min=18.6km, az=76.0

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

IDC 19 01:21:46.0, 1.6, 2.43S, 142.72E, h0km, mb3.5/2, mb1.3/8.3, mb1mx3.5/20, mbtmp3.5/3, ML3.4/1, Error ellipse: s-maj=186.3km s-min=28.4km, az=113.0, Near north coast of New Guinea

JMA 19 01:21:46.0, 1.6, 2.43S, 142.72E, h52km, 1km, M3.6, J3-C-3 Broadband fault plane solution: P waves. Principal axes: P1: 20.0000; N2: 0.0000; N3: 0.0000; Azm: 286.0000; Azm: 111.0000; 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 JHYU, JHO, etc.

IDC 19 01:46:12.4, 0.4, 2.0, 28S, 0.08, 178.0W, 0.1, h550km, mb4.1/15, Error ellipse: s-maj=14.2km s-min=10.9km, az=13.1

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

IDC 19 03:01:35.9, 1.9, 0.44S, 124.85E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.4/28, mbtmp3.5/3, MS2.8/2, Ms1.2/8.2, ms1mx2.5/18, Error ellipse: s-maj=214.7km s-min=26.7km, az=63.0

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

IDC 19 03:09:52.1, 6.1, 3.7, 63N, 43.52E, h15km, ML2.3, ISN 19 03:09:52.1, 37.69N, 43.48E, h2km, ML2.3, DDA 19 03:09:52.1, 37.67N, 43.34E, h7km, 2km, ML2.6

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

IDC 19 03:13:18.4, 0.8, 41.5S, 0.1, 85.7W, 0.3, h10km, mb3.9/7, MS3.5/6, Error ellipse: s-maj=31.0km s-min=15.4km, az=175.1

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

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Neumayer-Watz, Sanae, Sanas, etc.

ISCJB 19 03:31:12.9±0.7, 6:38S:0:10:148:5E:0:1, h46km, mb3.7/1, MS3.1/2, Error ellipse: s-maj=21.0km s-min=8.3km

NEIC 19 03:31:14.3±1.3, 6:45S:0:1:148:6E:0:2, h47km, 11km, mb4.2/6

IDC 19 03:31:15.6±2.6, 6:29S:148:38E, h47km, 28km, mb3.5/1, mb1 4.0/4, mb1mx3.4/39, mbtmp3.9/4, ML3.8/2, MS3.2/3, Ms1 3.2/3, ms1mx2.7/20, Error ellipse: s-maj=59.9km s-min=14.4km az=126.0

ISC 19 03:31:14.5±0.8, 6:45S:0:1:148:5E:0:1, h46km, n19, e18/23, mb4.0/3, New Britain region

Main table for 1021 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Alice Springs, etc.

IDC 19 03:33:34.1±4.1, 6:13S:148:20E, h0km, mb2.9/1, mb1 3.3/3, mb1mx3.2/37, mbtmp3.1/3, ML2.6/2, MS3.1/1, Ms1 3.1/1, ms1mx2.5/14, Error ellipse: s-maj=129.4km s-min=36.1km az=102.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Sorong, etc.

ISCJB 19 03:35:39.2±0.3, 24:89N:0:02:122:15E:0:02, h106km, 2km, Error ellipse: s-maj=3.1km s-min=2.5km

TAP 19 03:35:39.6, 24:89N:122:17E, h103km, ML4.0, B

JMA 19 03:35:39.5±0.2, 24:96N:122:16E, h98km, 3km, M3.4

ISC 19 03:35:39.1±1.3, 24:90N:0:03:122:15E:0:02, h108km, 5km, n109, e090/206, Taiwan region

Main table for 1021 (continued) with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiao Chiao, EOS1, etc.

2013 SEP

Main table for 2013 SEP with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taipei, Yuh-i, etc.

19d 3h

Main table for 19d 3h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Xinyi Township, Yuh-i, etc.



KRNET 19 03:48:37.8:0.1, 39.33N:74.89E, mb3.7, NNC 19 03:48:39.3:2.1, 39.57N:74.68E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=16.1km s-min=10.0km az=168.0

SOME 19 03:48:47.0, 40.23N:74.83E, h5km, ISC 19 03:48:43.8:2.4, 39.87N:0.09:74.77E:0.04, h3km=12km, n36, 1927/62, 25C-11D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations like NRN, ARSB, ARLS, KZA, etc.

DJA 19 03:56:45.8:1.0, 5.14N:96.4E, h10km, M3.8/6, MLV3.8/6, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like MLI, LHM, etc.

IDA 19 03:56:23.3:15.0, 38.97S:86.45W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/30, mbtmp3.7/4, MS3.6/6, Ms1 3.6/6, ms1mx3.3/22, Error ellipse: s-maj=399.9km s-min=55.2km az=170.0, Southeastral Pacific Ocean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like PLCA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like CPUP, LPAZ, etc.

ISC 19 04:01:38.8:0.5, 56.03S:27.21W, h0km, mb4.7/12, mb1 4.8/14, mb1mx4.6/22, mbtmp4.8/14, ML4.7/2, MS3.4/7, Ms1 3.4/7, ms1mx3.2/16, Error ellipse: s-maj=20.8km s-min=16.1km az=42.0

MOS 19 04:01:45.8:1.4, 56.12S:27.42W, h61km, mb5.1/6, Error ellipse: s-maj=26.1km s-min=12.9km az=115.5

ISCJTB 19 04:01:47.4:1.8, 56.07S:0.07:27.3W:0.1, h82km=16km, mb4.6/17, Error ellipse: s-maj=14.4km s-min=7.2km az=46.8

NEIC 19 04:01:49.6:1.7, 56.15S:0.1:27.3W:0.2, h85km=4km, mb4.7/36

ISC 19 04:01:48.8:1.8, 56.12S:0.08:27.41W:0.09, h80km=16km, n125, 1944/126, mb4.7/26, 5S-3D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like HOPE, VNA1, etc.

GCG 19 04:02:00.8:0.5, 13.82N:92.01W, h28km, 73km, MD3.6

MEX 19 04:02:01.3:0.5, 13.92N:91.73W, h30km, 17km, MD3.8

ISC 19 04:02:00.4:3.0, 13.82N:0.92:11W:0.1, h54km, n17, 0861/11, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like STG3, THG, etc.

ISK 19 04:03:00.7:38.38N:39.03E, h13km, ML2.2/4

ISCJTB 19 04:03:01.6:0.6, 38.35N:0.03:39.03E:0.04, h8km=6km, Error ellipse: s-maj=6.0km s-min=5.3km az=136.9

DDA 19 04:03:01.5:38.39N:39.00E, h7km, ML2.5

ISC 19 04:03:01.3:0.9, 38.39N:0.05:39.02E:0.04, h13km=8km, n10, 0851/15, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like ELZG, SVRC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like SAML, DBIC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like ROSE, TOAO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like TORO, TOAI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like THZ, JTS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like APG, TEIG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like AS31, AS31, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like PMG, PFO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like PD31, PDAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like NV01, NVAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like VNU, VNU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like FIAO, FINESS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like KSH, KSH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like ARAC, ARCES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like BRVK, YKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like YKRB, MK32, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like MKAR, KURK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like CD2, WMQ, etc.



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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISC 19 06:04:40.6z, 0.2, 14.2N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10N3 ASCENSION HYDR, H10N2 ASCENSION HYDR, RCBR Riachulo, LIC Lamto, KIC Kosan Boka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAC Darwin (Calif), DAC Kanab, KNB Kanab, W18A Petrified Forest, OMBB Old Mammoth MI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array B, ARCES ARCESS Array B, etc.

ISCJBJ 19 07:24:56.0-0.6, 31.81N, 0102:115.02W, 0.03, h10km, 4km, Error ellipse: s-maj=4.2km s-min=3.7km az=0.2

ISCJBJ 19 07:29:58.0-0.4, 59.83N, 0103:22.30E, 0.04, h0km, Error ellipse: s-maj=4.4km s-min=2.6km az=163.7

WEL 19 07:37:01.61+0.1, 0.34S, 151.17W, 2.0, h33km, M4.1/17, mb4.7/5, ML4.4/14, MLV4.2/17, Mw(MB)4.0/5, Error ellipse: s-maj=0.0km s-min=0.0km az=126.5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ECXB EI Chinero, MBIG Mexicali, MBIG Mexicali, CPBX Cerro Prieto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAC Darwin (Calif), DAC Kanab, KNB Kanab, W18A Petrified Forest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array B, ARCES ARCESS Array B, etc.

19d 9h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG Port Moresby, STKA Stephens Creek, AS31 Alice Springs, etc.

IDC 19 08:29:19.4-1.1, 15.16N:87.15W, h0km, mb3.8/7...
NEIC 19 08:29:21.8-2.1, 15.59N:0.04-87.14W, h0km, mb3.2km...

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TGUH Tegucigalpa, FAGO Alcaldia de S, CNCH Conchagua, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Z50A Ashland, GOGA Godfrey, WLAR White Oak Lake, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ULHL baz=32, MRKS Merke, MRKS Degeres, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNCH, PACA, MTL, MRL, COEB, etc.

NNC 19 09:06:42.1+2.9, 53.44N:87.86E, h4km, 21km, mb3.9, mpv3.5, Error ellipse: s-maj=25.7km s-min=10.7km az=73.0, Suspected Mining explosion.

ASRS 19 09:06:38.8, 53.66N:88.02E, M2.9, 7C-7D, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014), Southwestern Siberia

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

ISK 19 09:11:15.4, 39.68N:29.25E, h5km, ML2 1/6 DDA 19 09:09:29.43E, h7km, 2km, ML2 6

ISC 19 09:11:16.9, 1.2, 39.68N:0.03:29.37E:0.03, h7km, 10km, n13, c061/22, Turkey

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

NIED 19 09:27:00.36:40N:141.00E, h41km, Mw3.8 Best double couple: M=5.5400E+014, N=1.1e+217, 0.00000, S=1.1200000, T=1.107.00000, NP2=18.00000, S61.00000, L8.00000

ISC 19 09:27:25.1+0.7, 36.30N:141.18E, h0km, mb3.9/10, mb1 4.0/16, mb1mx3.8/63, mbtmp3.9/16, ML3.3/4, MS2.8/5, Ms1 2.8/5, ms1mx2.5/37, Error ellipse: s-maj=19.2km s-min=13.9km az=78.0

ISCJB 19 09:27:30.2+0.7, 36.38N:140.03:141.05E:0.07, h46km, 4km, mb3.8/10, MS3.3/1, Error ellipse: s-maj=9.1km s-min=4.9km az=10.5

JMA 19 09:27:31.1+0.1, 36.38N:140.99E, h44km, 1km, M3.8 JMA Feit II J1

ISC 19 09:27:29.0, 1.5, 36.33N:140.141:21E:0.07, h28km, 10km, n37, r160/44, mb3.8/10, Near east coast of eastern Honshu

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

SNET 19 09:34:37.0-1.6, 15.58N:87.09W, h8km, 249km, ML3.9, Honduras

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

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

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

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

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

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

ISC 19 09:47:56.9, 2.7, 53.60N:87.79E, h0km, mb1 3.7/2, mb1mx3.2/34, mbtmp3.7/2, ML3.5/2, Error ellipse: s-maj=23.6km s-min=14.7km az=55.0

NNC 19 09:47:57.2, 2.2, 53.45N:87.76E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=17.5km s-min=8.6km az=65.0, Suspected Mining explosion.

ASRS 19 09:47:57.7, 53.62N:87.82E, M2.7, 7C-7D, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014), Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU, ZAAO, ZALV, etc.

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

NSSC 19 09:50:25.0, 0.4, 34.03N:35.77E, h10km, 3km, ML1.7, ISCJB 19 09:50:27.1+0.9, 33.92N:0.05:35.77E:0.07, h13km, 9km, Error ellipse: s-maj=10.4km s-min=7.5km az=164.1

GRAL 19 09:50:28.1+0.3, 33.90N:35.82E, h0km, 37km, MD2.9, ISC 19 09:50:26.9, 1.2, 33.93N:0.06:35.82E:0.07, h11km, 14km, n7, c042/13, Jordan-Syria region

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

NNC 19 10:02:59.6+4.7, 36.81N:70.59E, h221km, 47km, mb2.6, mpv3.6, 2C-6D, Error ellipse: s-maj=39.9km s-min=29.7km az=19.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, AAK, etc.

IDC 19 10:08:26.5+4.8, 19.28S:173.39W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/33, mbtmp3.6/3, Error ellipse: s-maj=179.3km s-min=96.8km az=155.0, Tonga Islands

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

MEX 19 10:02:06.2+0.6, 16.61N:98.43W, h10km, 9km, MD3.6, Near coast of Guerrero

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

BJI 19 10:15:16.7+0.0, 13.42N:144.83E, h94km, mb4.7/32, mb5.1/17

ISCJB 19 10:15:18.8+0.3, 13.48N:144.66E:0.06, h100km, mb4.4/28, Error ellipse: s-maj=8.3km s-min=4.9km az=11.6

NEIC 19 10:15:19.8+2.1, 13.48N:144.64E:0.1, h93km, 4km, mb4.6/44

IDC 19 10:15:19.1+0.4, 13.62N:144.80E, h89km, 4km, mb4.0/17, mb1 4.2/17, mb1mx4.0/18, mbtmp4.4/17, MS3.2/3, Ms1 3.2/3, ms1mx2.7/36, Error ellipse: s-maj=16.1km s-min=11.3km az=86.0

DJA 19 10:15:20.0+0.5, 13.19N:144.5E:2.1, h70km, 22km, M4.6/8, mb3.6/31, mb4.8/8, ML4.5/1, Mw(m)22km

ISC 19 10:15:20.0+0.4, 13.46N:144.72E:0.08, h100km, n91, c1816/76, mb4.5/41, Mariana Islands

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

19d 10h

Table listing station data for the 19d 10h period, including station names, coordinates, and various parameters like SNR and error rates.

2013 SEP

Main table listing station data for the 2013 SEP period, including station names, coordinates, and various parameters like SNR and error rates.

1028

Table listing station data for the 1028 period, including station names, coordinates, and various parameters like SNR and error rates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Providia, Preselenti, Mangalia, Yambol, etc.

MEX 19:11:02:24.1±0.5, 16:01N:96:07W, h60km, 6km, MD3.6, Oaxaca. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 19:11:04:36.0±0.2, 5:05N:02:124.73E±0.03, h383km, 2km, mb4.7/75, Error ellipse: s-maj=5.1km s-min=3.1km az=168.2. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Code Station Name Az Phase ID Time Res. Includes stations like General Santos, Don Marcelino, Bagumbayan, etc.

Code Station Name Az Phase ID Time Res. Includes stations like Cotabato, Mati, Musuan, Pagadian, etc.

Code Station Name Az Phase ID Time Res. Includes stations like Odiangan, El Nido, Samarinda, etc.

Code Station Name Az Phase ID Time Res. Includes stations like Bansi, BNDI, BNMM, FAKI, etc.

Code Station Name Az Phase ID Time Res. Includes stations like Santa Cruz, San Manuel, KBTAB, etc.

Code Station Name Az Phase ID Time Res. Includes stations like SOEI, SOEI, KSM, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like DLV, MTN, T Lat, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like YOI, YOI, YOI, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like TATO, QIZ, QIZ, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like QZH, QZH, KNRA, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like WRA, WRA, WRA, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like WRA, WRA, WRA, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like WRA, WRA, WRA, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like WRA, WRA, WRA, etc.

GENI Genyem 17.19 116 P P 11 08 15.7 +1.7. Includes stations like WRA, WRA, WRA, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like EIDS, MDJ, STKA, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like LSA, ERM, ERM, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like GUN, PKI, PKIN, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like ARMA, ARMA, KKN, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like DMN, GKN, YSS, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like YSS, YSS, KOLN, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like DANN, SONM, SONM, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like SONM, CAN, CAN, etc.

USRK Ussuriysk Ar. 39.54 8 P P 11 11 33.0 +0.4. Includes stations like CAN, CAN, TOO, etc.



19d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Al-Archa, USP Osenovka, AML Almayush, ZALV Zalesovoy Beam, ARSB Arslanbob, EKSZ Erkin-Say, KBL Kabul, GAR Garm, KURK Kurchatov, BTK Batken, KK31 Karatay Array, KKAR Karatay Array, BRVK Borovoye, BRVK Borovoye, TIXI Tikisi, GEYT Alibeck, BILL Bilibino, AB31 Akbulak array, ABKAR Akbulak array, ARU Arti, RAYN Ar Rayn, RAYN Ar Rayn, KBZ Khabaz, SHA1 Shidzhatmaz, VSR Storozhevo, ILAR Eielson Array, OBN Obninsk, BMAR Burnt Mountain, BR13 Keskin Array S, BRTR Keskin Array B, ARCES ARCES Array B, AKASG Malin Array B, FINES FINESS Array B, FINES FINESS Array B, BURAR Bucovina Array, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, TORD Torodi Ar. Bea, TOA1 Torodi Ar. Sit

MEX 19 11:13:55.9-0.8, 15.98N-98.77W, h8km,25km, MD3.7, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tlapa, CAIG El Cayaco

IDC 19 11:15:08.6-7.9, 40.58S-174.99E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/14, mb1tmp3.4/2, Error ellipse: s-maj=182.4km s-min=47.7km az=32.0

ISCJB 19 11:15:14.0-0.3, 41.76S-0.02-174.18E-0.03, h25km, 3km, mb3.3/2, Error ellipse: s-maj=4.7km s-min=2.6km az=138.4

NEIC 19 11:15.14.9-2.1, 41.70S-0.02-174.17E-0.02, h18km, 2km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mn:0.64; Mpp:8.36; Mqq:9.00; Mrr:4.22; Mrr:4.49; Mrp:1.48; Fault plane solution: T:0.899000x10^14 NP1:37.940000; s65:27000; s171:00000; NP2:61.317000; s81:83000; s125:86500; Principal axes: T 10.2480, P1g23.0000; Azm357.0000; N 9.0754; P1g64.0000; Azm149.0000; s49:906; P1g11.0000; Azm263.0000

WEL 19 11:15:14.2-1.2, 17.52S-177.5E, h19km, 2km, M4, 1/22, M4.4/18, M4.4/12, Error ellipse: s-maj=0.0km s-min=0.0km az=148.5

ISC 19 11:15:14.3-0.8, 41.76S-0.03-174.18E-0.02, h19km, 2km, n121, s1912/138, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, CMWZ Cape Campbell, CMWZ Cape Campbell, CMWZ Cape Campbell, BSWZ Blackbirch Sta

2013 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, TUWZ Tuamarina, TCW Tory Channel, BHW Baring Head, PWH Palliser, CAW Cannon Point, THZ Topohue, PAWZ Parauwai Farm, MTW Mount Morrison, TGWZ Takapouri Sta, GWZ Greta Valley S, MRZ Mangaitanoka R, QNZ Quartz Range, TIWZ Tintock, CPWZ Castlepoint, LTZ Lake Taylor, DSZ Denniston Nort, OHWZ Ohauwahi, AMCZ Amberley, PRWZ Porirua, BFZ Birch Farm, DVH Dannevirke, OKCZ Okains Bay, CRUZ Canterbury Las, ANWZ Angora Road, TSZ Takapu Road, OXZ Oxford, MOZ McQueen's Vall, MOZ McQueen's Vall, MCZ, INCZ Inchbonnie, AKCZ Akaroa Harbour, PRNZ Porangahau, PNHZ Pukenui, WPHZ Waiapukurua, OHWZ Ohauwahi, PXZ Papanui, VRZ Vera Road, TRVZ Turoa, BHHZ Black Hill Sta, KRHZ Kereru, WHVZ Whangapehu Hut, FWVZ Far West T-bar, TUVZ Tukino, KAHZ Kahurangi, TWVZ Tauere, WTVZ West Tongariro, WTVZ West Tongariro, KRVZ Kawarewara, KWHZ Kaweka Forest, MCHZ McNeill Hill, MCHZ McNeill Hill, RPZ Rata Peaks, CKHZ Cape Kidnapper, BKZ Black Stump Fm, ARHZ Aroapanui, NMHZ Naumai, MRHZ Matea Rd, MTHZ Maungataniwha, WHVZ Waihua, TLVZ Tolley Road, RAHZ Rata, FOZ Foxt Glacier, PRZ Foxt Glacier, GRRZ Galatos Road, WKVZ Wakapuaka Road, RRRZ Republican Roa, UTU Utuhina, LBZ Lake Benmore, LBZ Lake Benmore, KAHZ Kaharoa, TOZ Tahuroa Road, URZ Urewera, URZ Urewera, ODZ Otahua Downs, ODZ Otahua Downs, OPVZ Ohinepanea, TWGZ Tauwharepae, RUGZ Rukumara Rang, AWAZ Awitahi Peninsu, MKAZ Moumakai, ETAZ East Tamaki Re, TOZ Tahuroa Road, HHSZ Highcliff Hill, HAZ Te Kaha, PKGZ Pakihiroa, PKGZ Pakihiroa, EAZ Earnsclough, WNGZ Waimatitini S, KUZ Kuaotunu, TUZ Tuapeka, MLZ Mavora Lakes, SVZ Scrubby Hill, CTZ Chatham Island, ASAR Alice Springs

CGG 19 11:30:05.3-0.3, 15.77N-90.13W, h10km, 15km, MD3.5, 1D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRL Marmol, NBG Las Nubes, FUG Fuego 3, IXG Ixapco

IDC 19 11:33:32.5-0.7, 20.30S-173.90W, h0km, mb4.3/14, mb1 4.5/16, mb1mx4.4/34, mb1tmp4.3/16, ML4.3/2, MS3.6/12, Ms1 3.6/12, ms1mx3.5/26, Error ellipse: s-maj=26.6km

NEIC 19 11:33:34.6-2.5, 20.3S-0.1-174.0W-0.1, h10km, 2km, mb4.5/14

ISCJB 19 11:33:35.7-0.4, 20.32S-0.08-174.04W-0.08, h27km, mb4.3/15, MS3.6/11, Error ellipse: s-maj=13.9km s-min=8.7km az=138.9

ISC 19 11:33:37.4-0.5, 20.3S-0.1-174.0W-0.1, h27km, n72, s095/65, mb4.5/17, MS3.6/11, 7C-7D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, MARC Mare, Loyalty, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, URZ Urewera, URZ Urewera, BFZ Birch Farm, TBI Tubuai, PPT2 Papeete2, PPT2 Papeete2, PPT2 Papeete2, PPT Papeete, RPZ Rata Peaks, HNR Huru, CTAO Charters Tower, TOO Toolangi, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRR Warramunga Arr, WRR Warramunga Arr, WRR Warramunga Arr, WRR Warramunga Arr, FITZ Fitzroy Crossi, GSPA South Pole Qui, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, PETK Petapetrovskoye, PEA1 Petropavlovsk, YBH Yreka Blue Hor, KSRS Korea Arr, KSRS Korea Arr, MAW Mawson, MAW Mawson

BUI 19 11:18:39.2-0.0, 50.44N-118.69E, h6km, ML3.6/4, Priamurye-Northeastern China border region

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

WEL 19 11:20:24.7, 42.5S-174.7E, h18km, 3km, M3.5/29, s-m13-0.6/21, MLv3.5/29, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, TUWZ Tuamarina, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta

1030

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCW Tory Channel, BHW Baring Head, PWH Palliser, CAW Cannon Point, NNZ Nelson, PAWZ Parauwai Farm, OKCZ Okains Bay, OGWZ Otaki Gorge, KHZ Kahutara, TRWZ Traveller, THZ Topohue, HOWZ Holdsworth Sta, TMWZ Te Maipa, MRZ Mangaitanoka R, WTVZ Tintock, QNZ Quartz Range, POWZ Post Office Ro, PRWZ Porirua, GVZ Greta Valley S, BFZ Birch Farm, DSZ Denniston Nort, DVHZ Dannevirke, LTZ Lake Taylor, AMCZ Amberley, PRNZ Porangahau, PNHZ Pukenui, CRUZ Canterbury Las, INCZ Inchbonnie, OXZ Oxford, MOZ McQueen's Vall, KRHZ Kereru, AKCZ Akaroa Harbour, WVZ Waitaha Valley, RPZ Rata Peaks, LBZ Lake Benmore, ODZ Otahua Downs, SVZ Scrubby Hill, CTZ Chatham Island

Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRL Marmol, NBG Las Nubes, FUG Fuego 3, IXG Ixapco

IDC 19 11:33:32.5-0.7, 20.30S-173.90W, h0km, mb4.3/14, mb1 4.5/16, mb1mx4.4/34, mb1tmp4.3/16, ML4.3/2, MS3.6/12, Ms1 3.6/12, ms1mx3.5/26, Error ellipse: s-maj=26.6km

NEIC 19 11:33:34.6-2.5, 20.3S-0.1-174.0W-0.1, h10km, 2km, mb4.5/14

ISCJB 19 11:33:35.7-0.4, 20.32S-0.08-174.04W-0.08, h27km, mb4.3/15, MS3.6/11, Error ellipse: s-maj=13.9km s-min=8.7km az=138.9

ISC 19 11:33:37.4-0.5, 20.3S-0.1-174.0W-0.1, h27km, n72, s095/65, mb4.5/17, MS3.6/11, 7C-7D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, MARC Mare, Loyalty, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, URZ Urewera, URZ Urewera, BFZ Birch Farm, TBI Tubuai, PPT2 Papeete2, PPT2 Papeete2, PPT2 Papeete2, PPT Papeete, RPZ Rata Peaks, HNR Huru, CTAO Charters Tower, TOO Toolangi, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRR Warramunga Arr, WRR Warramunga Arr, WRR Warramunga Arr, WRR Warramunga Arr, FITZ Fitzroy Crossi, GSPA South Pole Qui, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, PETK Petapetrovskoye, PEA1 Petropavlovsk, YBH Yreka Blue Hor, KSRS Korea Arr, KSRS Korea Arr, MAW Mawson, MAW Mawson

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include SRU San Rafael Swe, P17A Butcher Ranch, TXAR Lajitas Array, etc.

ISCJB 19 11:43:54.0, 3.4, 0.07N, 0.01E, 117.78W, 0.02, h3km, 3km, Error ellipse: s-maj=2.8km s-min=2.1km az=39.2

SCEDC 19 11:43:55.8, 3.4, 0.08N, 117.78W, h1km, NEIC 19 11:43:56.1, 1.9, 3.4, 0.03N, 0.03E, 117.83W, 0.02, h1, 1km, 7km

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include BFSC Mount Baldy Ra, BFSC Mount Wilson, PASC Pasadena Art C, etc.

ISCJB 19 12:00:28.4, 0.5, 5.9, 91N, 0.04, 22.25E, 0.05, h0km, Error ellipse: s-maj=6.5km s-min=3.0km az=161.3

BER 19 12:00:29.0, 1.5, 5.9, 58N, 22.59E, h0km, ML1.9, Suspected explosion

HEL 19 12:00:29.9, 0.1, 5.9, 85N, 22.30E, h0km, ML2.4, ML2.6 (UPP), Explosion

ISC 19 12:00:30.6, 2.4, 5.9, 93N, 22.42E, h0km, mb1 3.0/3, mb1mx2.9/3.5, mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=34.6km s-min=10.1km az=158.0

UPP 19 12:00:30.2, 1.3, 5.9, 86N, 22.20E, h0km, ML2.6, Suspected explosion

ISC 19 12:00:29.4, 1.0, 5.9, 94N, 0.06, 22.23E, 0.03, h0km, n50, n1940, 59, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include RAF Rauma, RAF Aaland, AAL Aaland, etc.

ISCJB 19 12:00:34.2, 6.2, 3.4, 0.02N, 0.02E, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include BC3 Big Chuckawall, SWSC Sam W. Stewart, SWSC Sam W. Stewart, etc.

ISCJB 19 12:00:28.4, 0.5, 5.9, 91N, 0.04, 22.25E, 0.05, h0km, Error ellipse: s-maj=6.5km s-min=3.0km az=161.3

BER 19 12:00:29.0, 1.5, 5.9, 58N, 22.59E, h0km, ML1.9, Suspected explosion

HEL 19 12:00:29.9, 0.1, 5.9, 85N, 22.30E, h0km, ML2.4, ML2.6 (UPP), Explosion

ISC 19 12:00:30.6, 2.4, 5.9, 93N, 22.42E, h0km, mb1 3.0/3, mb1mx2.9/3.5, mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=34.6km s-min=10.1km az=158.0

UPP 19 12:00:30.2, 1.3, 5.9, 86N, 22.20E, h0km, ML2.6, Suspected explosion

ISC 19 12:00:29.4, 1.0, 5.9, 94N, 0.06, 22.23E, 0.03, h0km, n50, n1940, 59, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include RAF Rauma, RAF Aaland, AAL Aaland, etc.

ISCJB 19 12:00:34.2, 6.2, 3.4, 0.02N, 0.02E, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include OUF bazz=196, NB201 NORSAR Array S, NOA NORSAR Array B, etc.

ISCJB 19 12:00:28.4, 0.5, 5.9, 91N, 0.04, 22.25E, 0.05, h0km, Error ellipse: s-maj=6.5km s-min=3.0km az=161.3

BER 19 12:00:29.0, 1.5, 5.9, 58N, 22.59E, h0km, ML1.9, Suspected explosion

HEL 19 12:00:29.9, 0.1, 5.9, 85N, 22.30E, h0km, ML2.4, ML2.6 (UPP), Explosion

ISC 19 12:00:30.6, 2.4, 5.9, 93N, 22.42E, h0km, mb1 3.0/3, mb1mx2.9/3.5, mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=34.6km s-min=10.1km az=158.0

UPP 19 12:00:30.2, 1.3, 5.9, 86N, 22.20E, h0km, ML2.6, Suspected explosion

ISC 19 12:00:29.4, 1.0, 5.9, 94N, 0.06, 22.23E, 0.03, h0km, n50, n1940, 59, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Rows include RAF Rauma, RAF Aaland, AAL Aaland, etc.

ISCJB 19 12:00:34.2, 6.2, 3.4, 0.02N, 0.02E, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

NEIC 19 12:06:33.5, 2.7, 3.4, 0.08N, 0.02, 117.78W, 0.03, h4km, 6km

NEIC 19 12:06:34.0, 2.4, 3.4, 0.02N, 0.02, 117.83W, 0.03, h1, 1km, 6km

ISC 19 12:06:33.1, 1.1, 3.4, 0.05N, 0.02, 117.79W, 0.02, h5km, 9km, n82, c1902/114, Southern California

19d 12h

2013 SEP

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Isabella, Lake, Mepherson Peak, Granite Mounta, Cerro Bola, Big Chuckawall, etc.

ISCJB 19 12:08:44.5-1.0, 50.7N; 0.1-73.6E; 0.1, h0km, mb3.5/1, Error ellipse: s-maj=21.8km s-min=10.0km az=15.3

ISC 19 12:08:47.6-0.9, 50.88N; 73.72E, h0km, mb3.4/1, mb1 3.3/6, mb1mx3.2/4.5, mbtmp3.1/6, ML1.9/4, Error ellipse: s-maj=19.7km s-min=7.5km az=27.0

NNC 19 12:08:49.3-1.3, 50.77N; 73.76E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=14.8km s-min=12.6km az=9.0, Suspected Mining explosion.

ISC 19 12:08:45.0-0.9, 50.78N; 0.0-73.75E; 0.05, h0km, n14, az=53/13, 6C-6D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Otayu, Kurchatov Arra, Kurchatov Arra, Borovoye Array, etc.

ISCJB 19 12:09:48.9-1.5, 18.0S; 0.9-179.6W; 0.5, h622km, mb3.6/5, Error ellipse: s-maj=133.1km s-min=18.2km az=153.4

ISC 19 12:09:51.6-5.6, 18.03S; 179.64W, h647km, mb3.0/5, mb1 3.3/6, mb1mx2.9/3.7, mbtmp4.0/6, Error ellipse: s-maj=99.8km s-min=27.4km az=152.0

ISC 19 12:09:49.7-1.5, 18.0S; 0.9-179.6W; 0.5, h622km, n6, az=71/7, mb3.7/5, Fijil Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Warrungarra Arr, Alice Springs, Mirna Array Bea, Lajitas Array, etc.

ISC 19 12:18:32.7-1.6, 22.91N; 121.62E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/3.1, mbtmp3.6/5, MS3.0/3, Ms1 3.0/3, ms1mx2.6/3.7, Error ellipse: s-maj=144.9km s-min=20.0km az=2.0

ISCJB 19 12:18:36.5-0.3, 22.81N; 0.0-121.19E; 0.02, h22km, 2km, mb3.5/5, MS3.0/1, Error ellipse: s-maj=3.1km s-min=2.4km az=24.3

TAP 19 12:18:36.8, 22.88N; 121.12E, h16km, ML4.0, B ASIES 19 12:18:37.0, 22.90N; 121.13E, h20km, MW3.5

ISC 19 12:18:36.7-0.8, 22.88N; 0.0-121.16E; 0.02, h18km, 3km, n127, az=15/12, mb3.4/5, 7C-15D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Beinan, Pingang, Taitung, Chengkung, Lidau, Taimali, Tauiyuan, Liugu, Yuli, Sandimen, Anshuo, Tawu, Ta-pu, Yushan, Jioumi, Hungye, Tawu, Nanshi, Ruisui, Tsausan, Fangliang, Hsiyung, Kaoshiung City, Tsauling, Kaoshiung, Xinyi Township, Wvdt, Yung-kang, Liugu, Minsihung, Hsioluchi, Chiayi, Lan-yu, Suanglung, Jiali, Hengchun, Gukeng, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Douliu, Yiju, Puzi, Hengchun, Yuchf, Mingjing, Shouteng, Shzu, Guoxing, Renai, Erlin, Chiawan, Hehuan Shan, Ta-cheng, Zhanguhua, Taichung, Nincangchiao, Xiulin Townshi, Tech, Datong, Nan Shan, Sany, Peng-hu, Yuanli, Penghu, Shu, Yeheng, Emei, Yeheng, Eos1, Neicheng, Hsinchu, Wulai, Yuanshan, Hsinchu, Daxi, Toucheng, Zhongli, National Centr, Xindian Distri, Taipei, Kuangyinshan, Wu-fen Shan, Wu-fen Shan, Ym01, Danshui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VM10, YOJ, ANP, YM08, etc.

IDC 19 12:36:24.0:1.1, 0.97S:84.19E, h0km, mb4.1/11, mb1 4.3/12, mb1mx4.0/41, mbtmp4.2/12, ML5.0/1, MS3.2/7, Ms1 3.3/7, ms1mx3.0/29, Error ellipse: s-maj=40.6km s-min=15.6km az=58.0

ISCJB 19 12:36:24.0:3.7, 0.80S:0.09:84.25E:0.10, h10km, mb4.1/12, MS3.2/7, Error ellipse: s-maj=16.5km s-min=9.2km az=141.6

NEIC 19 12:36:26.5:0.9, 0.8S:0.1:84.4E:0.1, h10km, 2km, mb4.0/1

ISC 19 12:36:26.6:0.8, 0.7S:0.1:84.3E:0.1, h10km, n37, 0.195/31, mb4.2/12, MS3.2/6, South Indian Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PALK, KAMI, H08S2, etc.

ISK 19 12:36:40.6, 38.43N:39.02E, h9km, ML2.3/3 DDA 19 12:36:40.8, 38.40N:39.06E, h12km, 2km, ML2.9 ISC 19 12:36:41.3:0.9, 0.843N:0.03:39.04E:0.03, h14km, 6km, n12, 0.072/23, Turkey

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

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

CNRM 19 12:44:10.6, 36.19N:8.00W, h30km, ml2.7 INMG 19 12:44:20.6:1.2, 36.49N:7.58W, h31km, 9km, ML2.1, Error ellipse: s-maj=5.1km s-min=3.1km az=31.0

MDD 19 12:44:20.7:0.9, 36.53N:7.51W, h30km, ml2.5/21, Error ellipse: s-maj=9.8km s-min=5.2km az=21.0, PRXIMO ISC 19 12:44:19.3:1.6, 36.61N:0.05:7.47W:0.03, h25km, 14km, n46, 0.1910/77, Id, Strait of Gibraltar

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

MEX 19 13:16:41.4:0.3, 16.32N:98.48W, h16km, 2km, MD3.6 Near coast of Guerrero

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

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

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

IDC 19 13:15:37.5:9.8, 31.00S:178.90W, h194km, 116km, mb3.3/4, mb1 3.5/5, mb1mx3.3/27, mbtmp3.9/5, Error ellipse: s-maj=191.0km s-min=77.8km az=107.0, Kermeadec Islands

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

MDD 19 13:15:47.5:4.3, 32.45N:7.59W, h0km, mb3.8/5, Error ellipse: s-maj=69.3km s-min=37.3km az=100.0, PRXIMO Morocco

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

MEX 19 13:16:41.4:0.3, 16.32N:98.48W, h16km, 2km, MD3.6 Near coast of Guerrero

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

ISCJB 19 13:27:16.8:0.3, 55.82N:0.04:158.60W:0.05, h74km, 3km, mb3.8/11, Error ellipse: s-maj=7.5km s-min=3.3km az=153.5

IDC 19 13:27:16.7:3.9, 56.02N:158.66W, h52km, 35km, mb3.7/11, mb1 3.9/15, mb1mx3.6/46, mbtmp3.9/15, ML3.9/4, MS2.8/1, Ms1 2.8/1, ms1mx2.3/45, Error ellipse: s-maj=29.0km s-min=15.7km az=14.0

NEIC 19 13:27:17.2:2.6, 55.76N:0.05:158.55W:0.07, h61km, 7km AEIC 19 13:27:18.7:2.4, 55.74N:0.04:158.49W:0.07, h43km, 6km, ML3.5, mb4.0/12(NEIC)

ISC 19 13:27:17.4:0.9, 55.79N:0.06:158.52W:0.04, h59km, 8km, n102, 0.136/109, mb4.0/17, Alaska Peninsula

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jack Peak, Cordova Ski Ar, Paxson, Atka Island, etc.

WEL 19 13:37:20.5, 38°S, 177°E, h68km, 3km, M3.5/4.3, ML3.8/3.3, MLV3.5/4.3, Error ellipse: s-maj=0.0km s-min=0.0km az=95.5, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tauwhareparae, Matawai, Pakihiroa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Westongariro, Ngauruhoe, Tukino, etc.

IDC 19 13:49:59.1±2.0, 0.91N, 125.74E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/3, mbtmp3.4/3, Error ellipse: s-maj=181.1km s-min=26.1km az=65.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Molucca Sea, SKMP, WRA, etc.

KRNET 19 13:50:41.7, 0.1, 71.18N, 70.27E, mb2.7, SMOE 19 13:50:42.9, 40.93N, 70.92E, h5km, NNC 19 13:50:45.4, 46.40N, 95N, 70.66E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=35.5km s-min=17.7km az=25.0

ISC 19 13:50:44.6, 1.6, 40.39N, 105.70E, h2km, n15, e191/25, 13C-7D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Batken, ARK, IUG, ARS, etc.

MEX 19 13:50:44.8±0.4, 16.47N, 98.26W, h31km, 6km, MD3.5, Near coast of Guerrero

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

IDC 19 14:12:30.8±2.0, 5.31S, 102.11E, h0km, mb4.1/9, mb1 4.2/9, mb1mx3.8/47, mbtmp4.1/9, MS3.0/1, ms1mx2.5/42, Error ellipse: s-maj=64.9km s-min=17.5km

ISCJB 19 14:12:31.0±0.5, 5.47S, 101.92E, 0.05, h29km, mb4.2/9, Error ellipse: s-maj=8.6km s-min=6.0km az=142.0

DJA 19 14:12:31.5±0.8, 5.8±6.10E, h10km, M4.2/8, MLV4.2/8, NEIC 19 14:12:34.2±1.7, 5.41S, 102.00E, h0.9, h31km, 2km, mb4.3/19

ISC 19 14:12:33.9±0.7, 5.38S, 102.00E, 0.09, h29km, n51, e1507/48, mb4.3/17, Southern Sumatera

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cismpet, Gunungsitoli, Wamagana, etc.

CAN Canberra

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

KRNET 19 13:50:41.7, 0.1, 71.18N, 70.27E, mb2.7, SMOE 19 13:50:42.9, 40.93N, 70.92E, h5km, NNC 19 13:50:45.4, 46.40N, 95N, 70.66E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=35.5km s-min=17.7km az=25.0

ISC 19 13:50:44.6, 1.6, 40.39N, 105.70E, h2km, n15, e191/25, 13C-7D, Tajikistan

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

VIE 19 14:12:37.0±0.8, 45.26N, 115.48E, h13km, 2km, mb2.2, ml2.5/3, Error ellipse: s-maj=7.4km s-min=3.2km az=118.0, LJJ 19 14:12:38.6, 45.32N, 115.32E, h0km, ML 1.8, ISC 19 14:12:38.7±1.0, 45.33N, 102.15E, h35km, n51, n35, e083/62, 1D, Northwestern Balkan Peninsula

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bojanci, Ozalj, Gornja Briga, etc.

Table with columns: ZIFR, MYKA, MYKA, Sn, Sg, 14 13 34.4 +1.6, 14 13 11.7 0.0, 14 13 32.9 +0.1

UCR 19 14:16:43.6-1.3,10.33N-86.35W,h19km±1.3km,MW4.4, 2C, Off coast of Costa Rica

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

PRU 19 14:17:52.3-0.0,51.54N-16.08E,h0km BGR 19 14:17:52.9-0.4,51.50N-16.11E,h1km,ML3.1/16, Error ellipse: s-maj=4.4km s-min=2.2km az=16.0

ISC 19 14:17:50.9-0.9,51.59N-0.03-16.11E,0.02,h0km,n39, c0584/91,Poland

Main table for 1035 with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

Main table for 2013 SEP with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

NNC 19 14:23:35.8-1.9,41.57N-78.85E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=13.1km s-min=7.9km az=156.0

KRNET 19 14:23:36.1-0.1,41.64N-78.93E,mb2.9

ISC 19 14:23:34.0-2.5,41.49N-10.788E:0.07,h17km±14km, n24,r160/35,17C-2D,Kyrgyzstan-Xinjiang border

Main table for 2013 SEP (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

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

KRNET 19 14:23:47.9-0.1,41.58N-78.94E,mb3.2

SOME 19 14:23:47.5,41.50N-79.07E,h20km NNC 19 14:23:48.3-1.1,41.59N-79.91E,h0km,mb3.8,mpv3.5, Error ellipse: s-maj=7.4km s-min=4.3km az=160.0

ISC 19 14:23:46.7-1.8,41.47N-0.06-78.77E:0.04,h6km±10km, n56,c1521/86,32C-12D,Kyrgyzstan-Xinjiang border

Main table for 19d 14h with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARXS, DGS Degeres, DGS Degeres, etc.

PGC 19 14:26:41.4, 3.5, 51.03N, 130.58W, h10km, MLSN2.9/7, Mw3.5/7, 210km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HG4B, BNB, BNB, etc.

IDC 19 14:39:50.5, 1.8, 141.31S, 166.89E, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.7/3.4, mbtmp4.0/5, ML4.3/1, MS3.1/1, Ms1.3/1.1, ms1mx2.6/2.1, Error ellipse: s-maj=50.8km s-min=33.6km az=114.0

ISCJB 19 14:39:54.5, 1.2, 14.16S, 0.1x166.6E, 0.2, h28km, Error ellipse: s-maj=24.9km s-min=10.2km az=151.6

NEIC 19 14:39:54.4, 2.6, 14.35S, 0.1x166.9E, 0.2, h39km, 10km, mb4.3/7

ISC 19 14:39:55.4, 1.3, 14.35S, 0.1x166.7E, 0.2, h28km, n20, r1846/22, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARNC, DZM, DZM, etc.

ARCES ARCESS Array B 119.88 345 PKP PKPdf 14 58 41.4 -1.2

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

IDC 19 14:48:59.0, 2.0, 30.21S, 177.90W, h166km, gkm, mb2.9/2, mb1.3/4.3, mb1mx3.1/2.7, mbtmp3.7/3, Error ellipse: s-maj=53.9km s-min=19.9km az=107.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO, RAO, URZ, URZ, etc.

IDC 19 14:58:14.5, 1.3, 41.51S, 174.20E, h0km, mb3.7/2, mb1.3/8.4, mb1mx3.7/2.1, mbtmp3.6/4, ML3.2/2, MS2.5/1, Ms1.2/5.1, ms1mx2.4/1.5, Error ellipse: s-maj=41.2km s-min=24.6km az=140.0

ISCJB 19 14:58:17.7, 0.4, 41.64S, 0.0x174.24E, 0.04, h31km, 3km, mb3.6/2, Error ellipse: s-maj=7.1km s-min=2.7km az=136.1

WEL 19 14:58:18.0, 42.5, 1.174E, h16km, 3km, M4.2/19, ML4.5/14, ML4.2/19, Error ellipse: s-maj=0.0km az=130.0

ISC 19 14:58:17.9, 0.8, 41.54S, 0.04x174.29E, 0.03, h26km, 6km, n74, c0871/82, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMWZ, CMWZ, BSWZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RIGZ, URZ, URZ, etc.

NNC 19 15:04:26.0, 14.0, 38.10N, 72.18E, h0km, mb3.7, mpv3.3, 1C-3D, Error ellipse: s-maj=110.4km s-min=80.2km az=171.0, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AAK, AAK, KK31, etc.

ISK 19 15:08:37.5, 38.03N, 34.89E, h2km, ML2.3/10, IUSJB 19 15:08:39.5, 0.7, 37.96N, 0.02x34.75E, 0.04, h1km, 6km, Error ellipse: s-maj=5.0km s-min=4.0km az=165.6

DDA 19 15:08:39.1, 37.96N, 34.75E, h7km, 2km, ML2.6, ISC 19 15:08:40.1, 1.0, 37.99N, 0.03x34.78E, 0.03, h8km, 9km, n20, r1945/29, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NIG, NIG, YAHY, etc.

ATH 19 15:25:18.0, 36.56N, 26.47E, h140km, 3km, ML3.1/1, Error ellipse: s-maj=3.3km s-min=1.6km az=19.0

ISCJB 19 15:25:19.1, 1.1, 36.52N, 0.05x26.47E, 0.06, h132km, 9km, Error ellipse: s-maj=9.1km s-min=7.3km az=170.1

THE 19 15:25:20.4, 36.55N, 26.48E, h153km, 2km, ML2.7/6, Error ellipse: s-maj=2.8km s-min=1.1km az=24.0

ISC 19 15:25:18.4, 2.4, 36.57N, 0.07x26.48E, 0.05, h139km, 15km, n24, r0848/40, Dodecanese Islands

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

Table with columns: VAM, VAMOS, Iera Moni Meta, 2.18 239, P, Pn, 15 25 55.3 +0.2, etc.

IDC 19 15:28:13.1s3.2, 15:76S:174.62W, h196km, 29km, mb4.1/14, mb1 4.2/15, mb1mx4.1/23, mbt4.5/15, Error ellipse: s-maj=19.4km s-min=10.1km az=115.0

ISCJB 19 15:28:19.4s0.7, 15:90S:016.17476W, 0.05, h268km, 6km, mb4.3/19, Error ellipse: s-maj=8.4km s-min=4.5km az=35.7

BUI 19 15:28:19.3s0.0, 15:80S:174.70W, h260km, mb4.6/14, mb4.9/11

NEIC 19 15:28:20.3s1.7, 15:83S:019.17475W, 0.10, h261km, 6km, mb4.7/10.5

ISC 19 15:28:20.3s0.9, 15:79S:016.17476W, 0.07, h261km, 9km, n203, s123/205, mb4.6/68, 11C-10D, Tonga Islands

Main table for station 1037 with columns: Code, Station Name, Az, Phase ID, Op, H, m, s, Res, ISC

Main table for station 2013 SEP with columns: MJAR, Matsushiro Arr, Matsushiro Arr, Matsushiro, etc.

Main table for station 19d 15h with columns: FIAO, FINES, HFS, Hagfors, BZK, Bozkurt, etc.



19d 16h

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like GIB, FAVR, PETRA, RESU, IACL, CLTA, IFIL, GALT, MNO, MCPD, TAMR, MUCR, BLIT, HMDC, SSS, KRIT, HAVL.

2013 SEP

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like GHAT, MPAZ, CAR1, PLAC, PGF, LMR, SBF, FRF, MBDF, ORIF, LPG, LPL, LASF, MTLF, UCR, PLVR, GBI1, ARE1, CEDE, ACON, LCR2, WRA, ASAR, SONM, GUC, CO2, GO04, G004, HVZN, BLIT, HMDC, SSS, KRIT, HAVL.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like CPUP, LPAZ, BDFB, TORO, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, BVAR, KURBB, ZALV, ISCJB, IDC, IAC, KK31, KK32, AAK, SMLA, SMLA, SMLA, ULHL, CHMS, USP, TKM2, TKM2, GEYT, GYA0B, GYA0B, DANN, MKAR, KOLN, GKN, DMN, KKN, PKIN, PKI, GUN, AB31, AB31, KURBB, JIRN, TAPN, ODAN, BVAR, AKTO, AKTO, AKTO, ZALV, TLY, ARCES, NOAR, NOAR, NOAR, ISCJB, NEIC, RSPR, ISC.

Table with columns: CELP, Station Name, Time, Res, Pn, S, etc. Includes entries like Cerrillos, Maguayes Islan, Cabo Rojo, Hurricane, Eue Claire.

ICD 19 16:06:04.8±2.0, 2.68N-67.12E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.4/42, mbtmp3.9/4, ML3.4/1, MS3.2/6, Ms1 3.2/6, ms1mx3.0/27, Error ellipse: s-maj=67.2km s-min=35.7km az=55.0, Carsberg Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PALK Pallekete, WSAR Wadi Sarin, GEYT Alibeck.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes KBZ Khabez, BRTR Keskin Array B, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ASAR Alice Springs, NOA NORAS Array B, TXAR Lajitas Array.

MEX 19 16:26:16.0±1.4, 17.477N-94.91W, h136km±10km, MD3.9, Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes CMIG Matias Romero, Vista Hermosa, VHO VHO, TGIG TGIG, TGIG TGIG, HUIG Huatulco.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PCIG PCIG, PCIG PCIG, CCIG Comitán, CCIG Comitán, PNIG Pinotepa, PNIG Pinotepa.

UCR 19 16:30:58.1±2.5, 10.272N-86.31W, h8km±29km, MW3.7, 2C, Off coast of Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PLVR Palo Verde, GB1A Borinquen Arri, ARE1 Arenal 1, CEDE Laguna Cedeo, ACON Acopyang, LCR2 La Lucha 2, CVTR Volcan Turrial.

ICD 19 16:43:07.7±1.1, 24.57S-69.57W, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.7/19, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=45.7km s-min=35.3km az=65.0

SJA 19 16:43:17.4±0.8, 24.28S-69.53W, h30km±3km, ML3.4, MW4.0

ISCJB 19 16:43:18.2±0.6, 24.26S-69.69W, h0km±6km, mb3.2/3, Error ellipse: s-maj=9.3km s-min=5.9km az=3.0

GUC 19 16:43:18.1±0.8, 24.24S-69.66W, h8km±8km, ML3.9

ISC 19 16:43:19.0±0.9, 24.25S-69.69W, h0km±5km, h80km±7km, n24, c09S0/36, mb3.2/3, 1C, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PB14 IPOC Station P, GO02 Mina Guanaco.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PB10 IPOC Station P, PB10 IPOC Station P, PB06 IPOC Station P.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes LVC Limon Verde, LVC Limon Verde, PB04 IPOC Station P.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes PB04 IPOC Station P, PB04 IPOC Station P, PB03 IPOC Station P.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes TXAR Lajitas Arr, PDAR Pinedale Array, TORD Torodi Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes HJA HJA, AZAP Zapla, YJA Yavi, LPAZ La Paz.

Table with columns: MKAR Makanchi Array, Time, Res, PKPbc, PKPbc, 17 02 56.0 ±0.2

SJA 19 16:47:06.1±0.6, 28.39S-68.48W, h126km±4km, ML3.0, MW3.5, La Rioja Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes VCA Vincina, AGUA GUANDACOL, GO03 Copiap, GO03 Copiap.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes CYA Choya, AMOG MOGNA, GO04 Tololo Observa, RTLL Cerro Villicun, RTLL Cerro Villicun.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes AHML Horco Molle, RTVC Cerro Valdivia, RTLS Leontico.

JMA 19 17:24:12.9, 37.05N-140.70E, h17km, M1.7, Eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes ONAJ Iwakimizuishi, JFFD Fukushimafurud, JFFD Kawauchi.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JFO Hitachi, JHO Otama, JMM Marumori, JFY Yanaizu.

NIED 19 17:25:00.37, 10N-140.70E, h17km, Mw5.4, Best double couple: Mb1.66000±0.017, NP1±0.180,00000°, 374.00000°, 1.7.00000°, NP2±0.272,00000°, 863.00000°, 1.164.00000°

BUI 19 17:25:05.7±0.0, 37.13N-140.88E, h22km, mb5.0/59, mb5.2/55, Ms5.5/86, Ms7.5/82

NEIC 19 17:25:06.9±2.4, 37.07N-140.06-140.79E, h0km±1km, mb5.3/328, Mw5.5, Mwc5.5(GCMT), Moment Tensor Solution. Moment tensor: Scale 10<sup>17</sup>Nm; Mr0:09; Mw0-0.21; Mw0.12; Mw0.55; Mw0-1.20; Mw0-0.05; Fault plane solution: M0:1.340000±0.17, NP1±0.184,30000°, 665.42000°, 1.2.59000°. NP2±0.9323000°, 387.65000°, 1.55.42000°. Principal axes: T:1.3063, Plg19.0000°, Azm46.0000°, N:0.0609, Plg65.0000°, Azm268.0000°; P:1.3673, Plg15.0000°, Azm141.0000°

ISCJB 19 17:25:08.0±0.3, 37.05N-140.66E, h25km±1km, mb5.1/160, MS5.1/77, Error ellipse: s-maj=2.7km s-min=2.0km az=136.5

ICD 19 17:25:08.5±1.7, 37.08N-140.59E, h18km±9km, mb4.8/39, mb1 4.9/43, mb1mx4.9/48, mbtmp4.9/43, ML4.5/4, MS4.8/39, Ms1 4.8/39, ms1mx4.7/49, Error ellipse: s-maj=10.6km s-min=8.4km az=126.0

JMA 19 17:25:08.3, 37.05N-140.70E, h17km±1km, M5.9 Broadband fault plane solution: P waves. NP1: 0.81,00000°, 889.00000°, 1.52.00000°. NP2: 0.57,00000°, 882.00000°, 1.1.00000°. Principal axes: T: 0.57,00000°, Azm33.0000°, Plg62.0000°; N: 0.00000°, Azm260.0000°; P: 1.19,00000°. Azm130.0000°

MOS 19 17:25:08.0±0.1, 0.1, 37.28N-140.59E, h22km, mb5.2/39, MS5.4/32, Error ellipse: s-maj=5.2km s-min=3.6km az=99.8

GCMT 19 17:25:10.3±0.1, 37.08N-140.72E, h20km, Mw5.5/153, Moment Tensor Solution. s121,c210; s153,c295; Duration: 1s3 Moment tensor: Scale 10<sup>17</sup>Nm; Mr0:19±0.02; Mw0-0.25±0.02; Mw0.06±0.02; Mw0.50±0.04; Mw0-1.78±0.02; Mw0.23±0.04; Best double couple: Mb1.87800±0.017, NP1±0.9100000°, 862.00000°, 1.63.00000°, NP2±0.184,00000°, 374.00000°, 1.7.00000°. Principal axes: T: 1.8510, Plg17.0000°, Azm46.0000°; N: 0.0540, Plg72.0000°, Azm247.0000°; P: 1.9050, Plg6.0000°, Azm138.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

NEIC 19 17:25:11.37, 08N-140.76E, h20km, Moment Tensor Solution. Moment tensor: Scale 10<sup>17</sup>Nm; Mr0:25; Mw0-0.26; Mw0.01; Mw0.78; Mw0-1.92; Mw0-0.07; Fault plane solution: M0:2.09000±0.17, NP1±0.91,00000°, 866.00000°, 1.57.00000°. NP2±0.183,00000°, 867.00000°, 1.55.42000°. Principal axes: T: 2.0039, Plg19.0000°, Azm46.0000°; N: 0.1829, Plg67.0000°, Azm260.0000°; P: 2.1668, Plg13.0000°, Azm139.0000°

ISC 19 17:25:08.2±0.4, 37.07N-140.72E, h18km±1km, h18km±2P, n1036, c1666/1129, mb5.2/291, MS5.2/81, 94C-26P, Eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes ONAJ Iwakimizuishi, JFFD Fukushimafurud, JFO Kawauchi.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JFO Hitachi, JHO Otama, JMM Marumori, JHY Hitachinakayam, JMU Marumori.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JMM Yanaizu, JYAR Yonezawaaracadi, JAG Ashikaga, JKT Katsushina, JYS Shirataka.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JJO Okura, JKH Ishinomakikobu, JNS Sasagawa, JHK Hiroka, JSMT Sammumatsuo.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JJO Ouri, JFO Ozakifurukawao, JIZJ Isuzuki, JYA Atsumi.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JYA Yavi, JJK Kuni, JKM Kesenumamototy, JRY Ryogami san, JYK Kaneyama.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JJK Ichinoseki, JSGW Sagamiharawaka, JKUC kanogawaaihur, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.5 ±0.7

Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.3 ±0.5

Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.8 ±1.0

Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.8 ±1.0

Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.8 ±1.0

Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.8 ±1.0

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Table with columns: MAJO Matsushiro, Time, Res, Pn, S, 17 25 43.8 ±1.0

Table with columns: MAJO Matsushiro, Time, Res, Pn,



Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like MKAR, ILAR, MAZK, etc.

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

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like INK, INK, INK, etc.

19d 17h

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like YK8, KTR1, TRO, DAG, MOS, NWSA, etc.

2013 SEP

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like KBZ, KIV, KXV, KIV, KIV, KIV, etc.

1042

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like AKASG, AKASG, AKASG, AKASG, AKASG, etc.



19d 17h

MOA	comp=Z,30nm,1.5s	82.92 327	i	PcP	P	17 37 37.2 +5.5
Molin	comp=Z,18nm,1.2s	83.02 46	P	P	P	17 37 32.2 +0.5
ESK	Eskdalemuir	83.05 46	P	P	P	17 37 32.2 +0.5
Q24A	Divide	83.07 30	P	P	P	17 37 32.4 +0.5
X18A	Snawflake	83.07 317	P	P	P	17 37 36.9 +3.3
SRS	Serrai	83.27 317	P	P	P	17 37 36.9 +3.3
SRS						
comp=Z,16nm,1.7s						
EYMM	Ely	83.38 32	P	P	P	17 37 34.3 +0.2
EYMM	Ely	83.38 32	P	P	P	17 37 32.5 -1.6
EYMM						
comp=Z,16nm,0.8s						
GROS	Grobnik	83.43 325	i	P	P	17 37 33.8 -0.6
SOKA	Soboth	83.43 326	i	P	P	17 37 33.8 -0.6
SDCO	Great Sand Dun	83.64 47	P	P	P	17 37 37.7 +1.7
SDCO	Great Sand Dun	83.64 47	P	P	P	17 37 37.3 +1.3
THZ	Topouse	83.76 156	P	P	P	17 37 36.6 +0.7
TUWZ	Tuamarina	83.81 156	P	P	P	17 37 36.2 +0.1
OBKA	Obir	83.82 326	i	PcP	P	17 37 39.6 +3.1
comp=Z,7.4nm,0.8s						
PBE	Pjivoljn	83.89 321	P	P	P	17 37 39.3 +2.4
KLA	Koelnbreinsper	83.92 327	i	P	P	17 37 37.1 +0.1
TUC	Tucson	83.97 54	P	P	P	17 37 39.3 +1.8
TUC						
comp=Z,10.0nm,1.0s						
TUC	Tucson	83.97 54	P	P	P	17 37 38.7 +1.2
TUC						
comp=Z,310						
TUC	Tucson	83.97 54	P	P	P	17 37 39.3 +1.8
BSWZ	Blackbirch Sta	84.05 156	P	P	P	17 37 37.1 -0.1
MYKA	Terra Mystica	84.13 326	i	P	P	17 37 36.3 -1.7
ECSD	EROS Data Cent	84.20 38	P	P	P	17 37 39.2 +0.8
ECSD	EROS Data Cent	84.20 38	P	P	P	17 37 38.6 +0.3
ECSD						
comp=Z,18nm,1.1s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,310						
STU	Stuttgart	84.32 330	P	P	P	17 37 37.8 -1.0
STU						
comp=Z,280nm,1.4s						







WSR	0.2nm,0.3s,baz=96,slow=7.7,SNR=11	PcP	PcP	19 57 11.9	-0.3
ASAR	0.7nm,1.1s,baz=14,slow=5.8,SNR=2.9	P	P	19 55 39.5	+0.1
ASAR	3.2nm,0.5s,baz=88,slow=8.1,SNR=92	P	P	19 57 12.5	-0.3
PETK	0.3nm,0.9s,baz=84,slow=8.5,SNR=2.5	P	P	19 58 51.5	-0.5
NVAR	0.9nm,0.8s,baz=231,slow=8.7,SNR=3.4	P	P	19 59 25.0	+0.4
TXAR	0.9nm,0.8s,baz=231,slow=9.3,SNR=4.5	P	P	19 59 59.1	+0.8
BRTR	0.9nm,0.8s,baz=62,slow=3.4,SNR=5.7	PKPbc	PKPbc	20 06 50.8	-1.2
GERES	0.6nm,0.6s,baz=22,slow=3.4,SNR=5.3	PKPbc	PKPbc	20 06 58.7	-0.9

IDC 19 19:48:36.2 0.5, 51.73N:174.72W, h0km, mb4.2/2.6, mb1 4.3/2.8, mb1mx4.2/5.1, mbtmp4.2/2.8, ML3.8/2, MS3.5/1.8, Ms1 3.5/1.8, ms1mx3.3/3.7, Error ellipse: s-maj=15.3km s-min=9.0km az=156.0

BUI 19 19:48:39.0 0.0, 51.30N:173.80W, h80km, mb4.7/2.3, mB5.1/1.2, Ms4.4/1.1, Ms7.4/2.1

MOS 19 19:48:40.1 1.1, 0.51.65N:174.69W, h37km, mb4.4/1.1, Error ellipse: s-maj=9.3km s-min=6.9km az=95.7

AEIC 19 19:48:40.2 3.5, 51.48N:0.06.174.76W, 0.07, h14km, 3km, ML4.3, mb4.8/1.2(NEIC)

ISCJB 19 19:48:41.0, 51.01.66N:0.05.174.69W, 0.03, h52km, 3km, mB4.4/1.6, MS3.9/1.9, Error ellipse: s-maj=6.3km s-min=4.7km az=170.0

NEIC 19 19:48:42.6 1.4, 51.58N:0.08.174.80W, 0.07, h46km, 5km

ISC 19 19:48:40.8 1.4, 51.58N:0.07.174.73W, 0.04, h30km, 9km, m476.0, 95/479, mb4.6/69, MS3.5/19, 24C-5D, Andreanof

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
ATKA	Atka Island	0.70	28	Op	19 48 55.5	+0.8
KOPF	Korovin Flat P	0.80	29	Pn	19 48 57.6	+1.6
KOKL	Mount Kilufchep	0.81	23	Pn	19 48 57.8	+1.5
GSIG	Igitkin Island	0.85	29	Pn	19 48 57.2	+0.5
KOSE	Korovin Southe	0.87	28	Pn	19 48 58.8	+1.8
GSTM	Great Sitkin I	0.95	30	Pn	19 48 58.8	+0.8
GSIR	Great Sitkin I	0.97	30.2	Pn	19 49 39.9	+1.8
GSDT	Great Sitkin T	1.00	299	Pb	19 48 59.6	0.0
ETKA	Kagalaska Isla	1.08	286	Pn	19 48 60.0	+0.1
ETKA				Sn	19 49 16.1	+2.2
ADAG	Mount Adagadak	1.23	290	Pb	19 49 03.2	-0.2
ADK	Adak	1.25	285	P	19 49 02.5	+0.3
ADK	Adak	1.44	65	P	19 49 02.5	+1.1
KIWB	Kanaga Island	1.53	281	Pn	19 49 06.4	+0.3
KIKV	Kanaga Island	1.55	282	Pn	19 49 07.0	+0.7
KICM	Kanaga Island	1.57	283	Pb	19 49 07.8	-1.4
KIMD	Kanaga Island	1.57	278	Pb	19 49 08.6	+0.2
KIND				Sb	19 49 28.0	-0.7
TAPA	Tanaga Point A	1.94	278	Pn	19 49 12.4	+0.8
TAFP	Tanaga Falls P	2.05	280	Pn	19 49 14.4	+1.2
TAFP				Sb	19 49 40.5	-1.8
TASE	Tanaga Southea	2.08	278	Pn	19 49 14.8	+1.2
GAEA	Gareloi East	2.51	76	Pn	19 49 21.8	+2.3
NIKH	Nikolski High	3.87	67	Pn	19 49 39.9	+1.8
OKER	Okmok East Rim	4.49	63	Pn	19 49 49.6	+2.9
MREP	Makushin Rep't	5.34	62	Pn	19 50 01.6	+3.2
UNV	Unalaska Valle	5.49	62	Pn	19 50 02.3	+1.9
AKUT	Akutan	6.00	61	Pn	19 50 10.8	+3.4
SPIA	Saint Paul Isl	6.19	23	Pn	19 50 13.7	+3.8
SMIA	Saint Paul Isl	6.97	284	Pn	19 50 14.0	+5.8
SMY	Shemya	6.97	284	Pn	19 50 21.5	+0.8
FALS	False Pass	7.54	60	Pn	19 50 31.4	+2.9
SDPT	Sand Point	9.30	60	Pn	19 50 54.1	+1.5
CNBA	Chernabura Isl	9.64	64	Pn	19 50 58.0	+0.6
CHGN	Chignik	10.71	57	Pn	19 51 12.0	+1.1
OHAK	Old Harbor	13.68	57	Pn	19 52 01.0	-2.3
ANM	Nome	13.90	17	P	19 52 01.0	-2.3
ANM	Nome	13.90	17	P	19 52 01.0	-2.3
KDAK	Kodiak Island	14.19	55	Pn	19 51 56.2	-3.3
KDAK				Sn	19 54 32.4	-3.4
KDAK				0.1nm,0.3s,baz=285,slow=2.0,SNR=2.4		
KDAK	Kodiak Island	14.19	55	P	19 52 06.1	-0.5
KDAK	Kodiak Island	14.19	55	Pn	19 52 06.1	-0.5
KDAK	Kodiak Island	14.19	55	Pn	19 51 59.7	+0.2
KDAK	Kodiak Island	14.19	55	Pn	19 52 04.1	-0.5
SVW2	Sparrevohd	14.21	40	P	19 52 04.1	-2.7
RTO	Redoubt South	15.10	45	P	19 52 18.1	+1.3
RSO	Tatalina	15.15	34	P	19 52 18.4	+1.2
TTA				comp=Z,13nm,1.1s		
TTA	Tatalina	15.15	34	P	19 52 18.4	+1.2
CNPM	China Post	15.42	50	Pn	19 52 17.5	+1.5
CNPM				IAMB	19 52 47.1	
BRLK	Bradley Lake	15.67	49	Pn	19 52 20.1	+0.9
BRLK				IAMB	19 52 55.8	
SKT	Skwentna	16.33	41	P	19 52 30.9	+0.7
SUA	Susitna One	16.42	44	Pn	19 52 29.9	-1.5
SUA				IAMB	19 53 14.2	
SEW	Seward	16.47	49	Pn	19 52 28.5	-0.8
PPLA	Purkeypile	16.54	38	Pn	19 52 33.4	+0.7
RC01	Rabbit Creek A	16.70	46	Pn	19 52 33.4	+0.1
CAS1	Castle Rocks	16.87	37	P	19 52 35.0	+0.6
PEA0B	Petropavlovsk-	16.88	286	Pn	19 52 34.5	-0.1
PEA0B				pmax		
PEA0B				comp=Z,113nm,1.7s		
PEA0B	Petropavlovsk-	16.88	286	Pn	19 52 34.5	-0.1
PEA0B				IAMB	19 53 30.9	
PEA1	Petropavlovsk-	16.88	286	Pn	19 52 33.4	-1.2
PETK	Petropavlovsk-	16.88	286	Pn	19 52 33.4	-1.2
PETK				comp=Z,0.6nm,0.3s,baz=92,slow=14,SNR=14		
PETK				LR	19 58 26.3	
PETK				comp=Z,149nm,21.1s,baz=93,slow=35		
PETK	Petropavlovsk-	16.88	286	P	19 52 36.2	-0.2
PETK	Petropavlovsk-	16.88	286	P	19 52 36.2	-0.2
GHO	Glory Hole Cre	17.34	44	Pn	19 52 39.5	-0.8
GHO				IAMB	19 53 07.9	
KNH	Kantishna Hill	17.38	37	P	19 52 43.8	+1.9
KNK	Knik Glacier	17.40	45	Pn	19 52 41.0	-0.1
TRF	Thorofare Moun	17.56	38	P	19 52 44.4	+0.4
TRF				IAMB	19 52 56.3	
SML	Sawmill	17.61	44	P	19 52 43.3	-0.3
BPAW	Bear Paw Mtn.	17.65	36	Pn	19 52 45.5	+0.5
GLI	Glacier Island	17.83	48	Pn	19 52 44.6	-1.7
GLI				IAMB	19 53 00.7	
IMAR	Indian Mountai	17.93	28	P	19 52 49.4	+1.6
HIN	Hinchinbrook I	17.96	50	Pn	19 52 46.0	-1.9
HIN				IAMB	19 53 34.5	
SCM	Sheep Creek Mo	18.06	45	P	19 52 48.1	-1.1
SCM				pmax		
SCM				comp=Z,12nm,0.9s		
RND	Reindeer	18.06	45	P	19 52 48.1	-1.1
RND	Port Fidalgo	18.07	39	Pn	19 52 46.2	-2.6
RND	Reindeer	18.10	39	Pn	19 52 47.9	-1.8
RND				pmax		
RND				comp=Z,12nm,0.6s		
RND	Reindeer	18.10	39	P	19 52 47.9	-1.8
RND	McKinley	18.23	38	P	19 52 49.9	-1.3
RND				pmax		
RND				comp=Z,12nm,0.7s		
RND	McKinley	18.23	38	P	19 52 49.9	-1.3
RND	Browne	18.25	37	P	19 52 52.8	+1.3
RND				IAMB	19 53 17.9	
MLY	Manley	18.28	33	P	19 52 51.4	-0.4
DHY	Denali Highway	18.54	41	P	19 52 55.9	+0.7
KAIM	Kayak Island	18.84	52	Pn	19 53 00.0	+1.3
BILL	Biilbino	19.62	338f	eP	19 53 01.8	+2.3
BILL				pmax		
BILL				comp=Z,40nm,1.1s		
BILL				MLR		
WRH	Wood River Hill	18.92	37	P	19 52 57.9	-0.9
HMT	Hamilton	19.01	51	P	19 52 59.2	-0.7

HMT	IAMB	IAMB	19 53 26.0
CCB	Clear Creek Bu	19.12 37 P	19 53 00.2 -0.8
MDM	Murphy Dome	19.12 35 P	19 53 00.5 -0.6
MDM		IAMB	19 53 38.1
SUCK	Sucking Hills	19.19 52 P	19 53 02.4 -0.5
SUCK		IAMB	19 53 57.8
COLA	College	19.22 36 P	19 53 03.7 +0.6
PAX	Paxson	19.29 43 P	19 53 03.5 -0.6
PAX		pmax	19 53 03.5 -0.6
PAX		comp=Z,7.0nm,1.0s	
PAX	Paxson	19.29 43 P	19 53 03.5 -0.6
PAX	Poker Flat Res	19.50 36 P	19 53 03.2 -1.8
GLB	Gilghina Butte	19.52 48 P	19 53 05.0 -0.3
GLB		IAMB	19 53 57.6
IL31	Ilse	19.52 37 P	19 53 06.0 -0.7
ILAR	Eielson Array	19.52 37 P	19 53 03.3 -2.1
ILAR		comp=Z,1.0nm,0.3s,baz=236,slow=9.6,SNR=44	
ILAR		S	19 56 41.9 -2.1
ILAR		comp=Z,0.0nm,0.3s,baz=223,slow=16,SNR=2.8	
ILAR		LR	20 01 35.5
ILAR		comp=Z,157nm,18.3s,baz=264,slow=40	
ILAR	Eielson Array	19.52 37 P	19 53 05.6 +0.2
ILAR	Eielson Array	19.52 37 P	19 53 05.6 +0.2
VRDI	Verde Repeater	19.62 48 P	19 53 06.3 -0.4
CROM	Crigue	19.65 50 P	19 53 02.1 +0.5
CROM		IAMB	19 53 43.1
WAX	Waxell Ridge	19.72 51 P	19 53 08.3 -1.0
WAX		IAMB	19 53 25.3
TGL	Tana Glacier	19.80 50 P	19 53 09.4 -0.8
COLD	Coldfoot	19.81 28 P	19 53 12.0 +1.8
RIDG	Independent Ri	19.86 41 P	19 53 09.2 +0.2
BALM	Baldy	20.10 49 P	19 53 12.4 +0.6
DOT	Dot Lake	20.14 41 P	19 53 12.4 +0.5
DOT		IAMB	19 53 17.4
YAH	Yahtse	20.24 51 P	19 53 14.2 +0.7
YAH		IAMB	19 53 29.4
YARH	Yah	20.30 41 P	19 53 14.0 0.0
SCRN	Sand Creek	20.30 41 P	19 53 15.1
BARN	Barnard Glacie	20.43 50 P	19 53 15.1 -0.3
BARN		IAMB	19 53 59.3
CTGM	Chitina Glacie	20.56 50 P	19 53 16.4 -0.5
SEY	Seymchan	20.64 316 P	19 53 17.9 -1.8
MA2	Magadan	20.87 306 LR	19 53 19.9 -5.4
MA2		comp=Z,7.6nm,0.7s,baz=259,slow=19,SNR=5.4	
BCAR	Beaver Creek A	20.90 44 P	19 53 21.2 +0.8
TOLK	Toolik Lake R	20.93 26 P	19 53 21.2 +0.6
TOLK		IAMB	19 53 22.4 -0.9
TOLK	Toolik Lake Re	20.93 26 P	19 53 23.1
BMAR	Burnt Mountain	21.69 32 P	19 53 29.1 +0.2
EGAK	Eagle	21.74 40 P	19 53 30.0 0.0
EGAK		IAMB	19 53 32.5
EPYK	Eagle Plains	24.03 38 P	19 53 53.8 +1.0
EPYK		pmax	19 53 53.1 +0.4
EPYK		comp=Z,33nm,0.7s	
EPYK	Eagle Plains	24.03 38 P	19 54 09.5
INIK	Inuvik	25.84 34 P	19 54 08.3 -0.8
INIK		pmax	19 54 08.3 -0.8
INIK		comp=Z,2.6nm,0.3s,baz=21.2,slow=9.5,SNR=3.0	
INIK	Inuvik	25.84 34 P	19 54 09.3 +0.2
INIK		pmax	19 54 11.9 +0.1
INIK		comp=Z,8.0nm,1.1s	
DLBC	Dease Lake	26.12 57 P	19 54 19.9 +0.1
DLBC		IAMB	19 54 29.2 +1.8
YSS	Yuzh-Sakhalsins	27.83 277 eP	19 54 39.0 +0.2
YSS		MLR	19 54 40.5 +0.7
ASAJ	Asahikawa	29.25 272 P	19 54 40.5 +0.7
ASAJ		comp=Z,5.8nm,0.8s,baz=21,slow=14,SNR=3.2	
ASAJ		LR	20 05 43.3
YAK	Yakutsk	31.20 311 P	19 54 59.8 +3.0
YAK		pmax	
YKA	Yellowknife Ar	32.23 47 P	19 55 13.5 -1.2
YKA		comp=Z,4nm,0.4s,baz=275,slow=7.5,SNR=2.9	
YKRB	Yellowknife Ar	32.23 47 P	19 55 13.5 -1.2
H1N2	WAKE ISLAND Hy	34.92 211 T	20 32 41.2
H1N3	WAKE ISLAND Hy	34.92 211 T	20 32 57.1
H1N1	WAKE ISLAND Hy	34.93 211 T	20 32 49.6
USRK	Ussuriysk Ar.	35.78 280 P	19 55 36.7 -0.3
USRK		LR	20 09 42.4
USRK		comp=Z,11nm,0.7s,baz=58,slow=9.6,SNR=18	
USRK	Ussuriysk Ar.	35.78 280 P	19 55 36.4 -0.6
HAWA	Hanford	35.85 76 P	19 55 38.5 +0.9
HAWA		IAMB	19 55 56.6
H1S1	WAKE ISLAND Hy	36.12 211 T	20 34 31.0
H1S2	WAKE ISLAND Hy	36.13 211 T	20 34 42.2
H1S3			

19d 19h

2013 SEP

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Table with columns for station call letters, station name, frequency, time, and various signal quality metrics. The table is organized into two main columns, each containing multiple rows of station data. The rightmost column includes a date and time stamp '20 02 03.4'.



19d 20h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like KSCO, KIC, KBC, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like FXWY, IMW, FLYW, etc.

1050

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like TIR, TIR, TIR, etc.

ATH 19:20:19.27, 6.1, 41.03N, 19.63E, h23km, 3km, ML2.4/3, Error ellipse: s-maj=4.2km s-min=0.9km az=349.0
BEO 19:20:19.27, 4.0, 6.0, 40.96N, 19.75E, h0km, ML2.3/12
ISCJB 19:20:19.29, 8.0, 4.1, 00.00N, 0.02, 19.81E, 0.03, h15km, 4km, Error ellipse: s-maj=4.2km s-min=2.6km az=169.8

ISCJB 19:20:07.0, 0.9, 30.89S, 0.06, 179.4W, 0.2, h350km, mb3.6/2, Error ellipse: s-maj=26.4km s-min=8.0km az=7.9
IDC 19:20:08.0, 4.9, 31.25S, 179.58W, h44km, 4km, mb2.4/1, mb1 3/0.2, mb2 2.75, mb3 3.6/2, Error ellipse: s-maj=55.4km s-min=31.9km az=52.0
ISC 19:20:07.11, 1.0, 31.00S, 0.08, 179.4W, 0.2, h350km, n19, @1956/26, Kermadec Islands region



19d 21h

Table with columns for station code, name, frequency, and various signal quality metrics (Lg, P, S, M, etc.). Includes stations like ZALV, ZALV, ZALV, etc.

2013 SEP

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like ZEA, ZEA, ZEA, etc.

1052

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like PALK, PALK, PALK, etc.

1053

Table with columns for station name, frequency, power, and signal quality. Includes stations like BNSI Karang Pucung, MOS Moscow, SANI Sanana, KAPPI Kappang, WHFO Wadi Hawf, etc.

2013 SEP

Table with columns for station name, frequency, power, and signal quality. Includes stations like IZAR Zarasai, IZAR ANKARA, IZAR Ignalina, ISAL Salakas, VAF Ylistaro, etc.

19d 21h

Table with columns for station name, frequency, power, and signal quality. Includes stations like BEL comp=Z,693nm,16.8s, KOLS comp=Z,693nm,16.8s, UZH Kotonick sedl, etc.



19d 21h

Table with columns: Station Name, Frequency, Class, Mode, Power, and Signal. Includes stations like RUE Ruedersdorf, BBL S Lazi, MISEY Mahe Island, etc.

2013 SEP

Table with columns: Station Name, Frequency, Class, Mode, Power, and Signal. Includes stations like BMAR Kurt Mountain, FETA Feichten, STU Stuttgart, etc.

1054

Table with columns: Station Name, Frequency, Class, Mode, Power, and Signal. Includes stations like EPYK Eagle Plains, LPGA La Plagne, LPL La Plagne, etc.

1055

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Eidsvold, STKA Stephens Creek, COI Coimbra, etc.

2013 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WVOR Wild Horse Val, WDC Whiskeytown Da, WDC Whiskeytown Da, etc.

19d 23h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SOMN Songino Array, MKAR Makanchi Array, TXAR Lajitas Array, etc.

19d 23h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

TIF 19 23:04:58.6, 42.48N, 43.26E, h12km, 1km
DDA 19 23:05:01.5, 41.95N, 43.66E, h7km, 5km, ML2.5
ISC 19 23:04:59.2, 1.2, 42.46N, 0.07, 43.27E, 0.04, h12km, 11km, n9, of 65/18, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for stations in the Western Caucasus region.

KRNET 19 23:20:37.0, 0.1, 41.72N, 79.44E, h17km, mb3.5
NNC 19 23:20:39.8, 1.6, 41.82N, 79.36E, h0km, mb3.3, mpv3.7
SOME 19 23:20:40.2, 41.85N, 79.30E, h20km
ISC 19 23:20:40.3, 1.8, 41.85N, 0.06, 79.35E, 0.04, h3km, 10km, n62, r186/102, 35C-17D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

2013 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

1056

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like PETK, SBUM, SHL, KSM, WMQ, IPM, MKAR, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like NO24, BUKAR, E03A, KBO, CLL, HUMO, NEW, PINE, GERES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC. Includes stations like H11S1, H11S2, WRA, NVAR, FINES, SJA, etc.











20d 1h

Table with columns: MANZ, VRAC, VRAC, VRAC, VRAC, VRAC, PRU, PRU, KOLL, VIVF, VIVF, PSZ, PSZ, MOX, MOX, PAGF, PAGF, TNS, TNS, BRG, BRG, BRG, SFTF, SFTF, CHVC, SMF, SMF, RIVT, MEZF, MEZF, LOR, LOR, CLL, CLL, SSF, SSF, AVF, AVF, BGF, BGF, HYF, CAF, TCF, KTF, MESTL, MFF, MFF, LDF, LDF, FLN, FLN, GRR, FINES, FINES

Table with columns: PRU, PRU, KOLL, VIVF, VIVF, PSZ, PSZ, MOX, MOX, PAGF, PAGF, TNS, TNS, BRG, BRG, BRG, SFTF, SFTF, CHVC, SMF, SMF, RIVT, MEZF, MEZF, LOR, LOR, CLL, CLL, SSF, SSF, AVF, AVF, BGF, BGF, HYF, CAF, TCF, KTF, MESTL, MFF, MFF, LDF, LDF, FLN, FLN, GRR, FINES, FINES

Table with columns: GRR, FINES, FINES, BUI 19 23:41:19.0, Qinhai, Qinhai, GTA, GTA, GTA, GTA, LZH, LZH, LZH, LZH, XAN, XAN, XAN, BTO, BTO, WMQ, WMQ

Table with columns: GUC 20 00:10:09.6, GUC 20 00:10:09.6, PB06, PB06, PB06, PB03, PB03, PB03, PB01, PB01, PB01, PB04, PB04, PB04, PB02, PB02, PB02, G002, G002, G002, G001, G001, G001

Table with columns: NEIC 20 00:43:26, NEIC 20 00:43:26, MEX 20 00:43:27, MEX 20 00:43:27, ISC 20 00:43:27, ISC 20 00:43:27

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

2013 SEP

Table with columns: CCIG, IXG, IXG, MOYV, MOYV, TGIG, TGIG, TGIG, CMIG, CMIG, CMIG, TEIG, BCIP

Table with columns: ISCJB 20 00:46:54, ISCJB 20 00:46:54, IDC 20 00:46:55, IDC 20 00:46:55, ISC 20 00:46:55, ISC 20 00:46:55

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res



20d 1h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like RLMT Red Lodge, DGMT Dagmar, FXWV Fox Creek, LAO LASA Array, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like LSQQ Lebel-sur-Quev, CHGO Chibougamau, JFWS Jexell Farm, G45A Suttons Bay, etc.

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like BANO Bancroft, TUL1 Leonard, TUL1 Leonard, CONA Conrad Observa, etc.

Table with columns for ID, Name, Time, Date, and other metrics. Includes entries like WTTA Wattenberg, J56A Wolcott, L54A Sincleville, etc.

Table with columns for ID, Name, Time, Date, and other metrics. Includes entries like GRR Gorron, M58A Priests Fanora, P54A Burton, etc.

Table with columns for ID, Name, Time, Date, and other metrics. Includes entries like U53A Fall Branch, V52A Sevierville, V52A Sevierville, etc.

20d 1h

2013 SEP

1066

ISCJB 20 01:07:00.2,0.2,51.55N,01:16:19E,0:02,h0km, mb3.5/3, Error ellipse: s-maj=1.8km s-min=1.4km az=27.5

IPEC 20 01:07:01.6,0.4,51.60N,16:25E,h0km,2km,ML3.4/3, Error ellipse: s-maj=3.1km s-min=1.8km az=62.0

LDG 20 01:07:02.0,2.0,51.50N,16:26E,h1km,ML3.9/17, Error ellipse: s-maj=3.9km s-min=2.8km az=2.0, Suspected Mining induced.

IDC 20 01:07:03.4,0.6,51.53N,16:04E,h0km,mb3.6/3, mb1.3/6/11,mb1mx3.4/47,mbtmp3.5/11,ML3.8/8, Error ellipse: s-maj=10.2km s-min=5.9km az=107.0

BGR 20 01:07:04.0,4.0,51.49N,13:51E,h1km,ML3.9/41, Error ellipse: s-maj=2.2km s-min=1.1km az=17.0

UPP 20 01:07:07.2,2.7,51.85N,15:61E,h0km,ML2.7, Suspected explosion

ISC 20 01:07:01.0,0.5,51.55N,0:02:16.21E,0:02,h0km,n174, s=206/313,mb3.4/3,9C-7D,Poland

Table with columns: Code, Station Name, Az, ACZ, Phase ID, Time, Res, ISC. Rows include stations like KSP, Ksiaz, CHV, Chvalec, UPC, Ulice, DPC, Dobruska-Polom, PVCC, Panska Ves, BRG, Berggiesshubel, PRU, Pruhonice, RAC, Raciborz, MORC, Moravsky Berou, CLL, Colim, Ostrava-Krasne, Chorzow, VRAC, Vranov, TREST, Trest, PBC, Pribram, KRUC, Moravsky, NOVY, Novy Kostel, GUNZ, Gunzen.

Main list of stations including WERN, Wernitzgruen, PLN, Plauen, NEUB, Neuenburg, JAVC, Veika Javorina, KHC, Kasperske Hory, KHC, Kasperske Hory, MOX, Moxa, MANZ, Manzenberg, ROTZ, Rotzenmuhl, SMOL, Smolence, GERES, GERES Array S, GERES, GERES Array B, GERES, LANS, LANS, Wetzell, MODS, Modra-Piesok, MODS, MODS, KOLL, Koloacno, ZST, Bratislava, RGN, Rugen, ASSE, Asse, Remlinge, VYHS, Vyhne, CONA, Conrad Observa, CLZ, Clausthal, BSD, Bornholm Skovb, GRF, Grafenberg Arr, STHS, Stebnicka Huta, STHS, Stebnicka Huta, SOP, Sopron, MOA, Molin, UBBA, Unterbreizbach, KECS, Kecov, BSEG, Bad Segeberg, ARSA, Arzberg, PSZ, Piszkesteto, PSZ, Piszkesteto, RETH, Rethem/Aller, CSKK, Cskako, RJOB, Jochberg, LUNU, Lund, FUR, Furstenfeldbr, KOLS, Kolonick sedl, KOLS, Kolonick sedl, BLEU, Blekinge, TIH, Tihany, KBA, Koelnbreinsp, KBA, SUW, Suwalki, BJUJ, Bjur, SOKA, Soboth, SOKA, TNS, Tausus Mts, BEHE, Becsehy, DEL, Delary, OBL, Obir, OBKA, WATA, Walderalm, MYKA, Terra Mystica, MYKA, WTTA, Wattenberg, WTTA, TRPA, Tarpa, TRPA, Tarpa, TRPA, Tarpa, RISI, Rein, RISA, Risi, ABTA, Abfaltersbach, RETA, Reutte, RETA, SQT, Sankt Quirin, SQT, VAXJ, Vaexjoe, MORH, Mrgy, Hungar, LTVH, Ltaurtes, Hu

Right side of the station list with columns: Pn, Pg, Sg, Sn, Sb, Time, Res, ISC. Rows include stations like LTVH, Roskopf, ROSI, ROSI, OSKU, Osskashamn, BRES, Brestranone, FAICHT, Feichten, FETA, FETA, ABSI, Amberstueckl, ABSI, AHRW, Bad Neuenahr-A, ASPU, Aespoo, GNOU, Gnojso, DAVA, Damuloes, DAVA, KOSI, Kohlern, EKSU, Eksijs, PABE, Paberze, BMR, Baia Mare, DAVOX, Davos/Dischmat, DAVOX, DAVOX, ISAL, Salakas, NACGM, Naroch, ZAR, Zassai, HAU, Haudomp, HAU, Haudomp, GIVF, Givet, PAGF, Fort de Pagny, PAGF, GZR, Gura Zlata, MCGM, Minsk, MDVR, Moldovitva, BAIF, Baives, MEZF, Maizeres J'vi, MEZF, HERR, Herculeane, LOT, Lotru, SFTF, Sfontaines, AKASG, Malin Arry Be, AKASG, La Chapelle, LPL, La Plagne, LPG, La Plagne, HFS, Hagfors, HFS, Lor, Lor, LOR, Lor, LOR, LOR, VBU, Vasula, VSD, Montbardon, MBDF, Montbardon, SSF, Saint Saule, SMF, Signal de Mont, SMF, Signal de Mont, ORIF, Oris-en-Rattie, ORIF, AVF, Avril sur Loir, AVF, AVF, SBF, Humbigny, HYF, Humbigny, NOA, Norsar Arry B, BGFF, Bois d'aglanc, BGFF, PGF, Pioggia, FRF, La Foret Royal, TCF, Toulx Ste Croi, FINES, Finess Arry B, FINES, EKA, Eskdalemuir Arr, EKA, ARCS, ARCES Arry B, ARU, Arti, TORD, Tordi Ar. Bea, PDAR, Pinedale Arry, ISCJB 20 01:25:38.9,0.3, 17:91N, 0:03:94, 50W, 0:03, h169km,4km, mb3.9/17, Error ellipse: s-maj=6.2km s-min=4.3km az=35.5

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Huatulco, Comitan, Tlapa, Yautepac, El Apazote, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Farmland, Leroy, Covington, etc.

Technical notes and error messages including: IDC 20 01:46:46.26, 17.38Sx174.38W, h0km, mb3.7/4, Error ellipse: mb1=194.5km s-min=29.6km az=147.0, Tonga Islands; ISCJB 20 01:55:34.1+0.3, 20.57S; 0.06; 178.68W; 0.06, h587km, mb4.5/20, Error ellipse: s-maj=9.4km s-min=5.9km az=146.2; BUJ 20 01:55:34.0+0.0, 20.46Sx178.57W, h588km, mb4.9/24, m85.0/14; NEIC 20 01:55:35.3+1.4, 20.55S; 0.1x178.6W; 0.1, h591km, mb4km, mb4.7/71; IDC 20 01:55:37.9+1.5, 20.67Sx178.70W, h618km, 17km, mb4.0/13, mb1 4.2/15, mb1mx3.9/27, mbtmp4.9/15, Error ellipse: s-maj=16.6km s-min=9.9km az=150.0; ISC 20 01:55:34.7+0.3, 20.57S; 0.08; 178.59W; 0.07, h587km, n230, c0595/238, mb4.6/30, 33-12D, Fiji Islands region

20d 2h

2013 SEP

1068

Table with columns: Station Name, Frequency, Band, Power, Mode, and other parameters. Includes stations like CTAG, PMG, COEN, STKA, BBOO, AS31, etc.

Table with columns: Station Name, Frequency, Band, Power, Mode, and other parameters. Includes stations like EGPA, CD2, BMAR, LZH, etc.

Table with columns: Station Name, Frequency, Band, Power, Mode, and other parameters. Includes stations like KOLL, JAVC, NKNC, KRUC, etc.

DDA 20 02:02:58.7, 37.37N-36.97E, h7km, 2km, ML3.8
ISK 20 02:02:58.9, 37.38N-37.01E, h7km, ML2.9/14
ISCJB 20 02:02:59.0, 37.38N-36.96E-0.02, h4km, 4km,
Error ellipse: s-maj=4.5km s-min=3.3km az=2.4
ISC 20 02:02:59.3, 37.38N-36.96E-0.02, h7km, 7km,
n31, e060/40, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like HCB, KHMN, KMRS, etc.

Gll 20 02:05:17.7, 0.0, 38.18N-23.11E, h10km
ATH 20 02:05:18.0, 38.18N-23.13E, h23km, ML4.4/26, Error
ellipse: s-maj=0.9km s-min=0.6km az=192.0
MED\_RC 20 02:05:18.0, 38.18N-23.13E, h15km, 1km, MW4.5/20,
Moment Tensor Solution, Matrices: s20, c28;
Duration: 1s0 Moment tensor: Scale: 10^15Nm;
Mrr=6.72e-7; Mrr=4.74e-6; Mrr=1.99e-4; Mrr=2.59e-6;
Mrr=7.71e-3; Mrr=2.12e-6; Best double couple:
Mrr=3.0000e+10 NPT=53.0000e+00, 538.0000e+00,
lambda=92.0000e+00, NP2=238.0000e+00, 832.0000e+00,
lambda=86.0000e+00. Principal axes: T: 8.0700, Plg13, 0.0000e+00,
Azmi145.0000e+00, N: -0.5900, Plg2, 0.0000e+00, Azmi54.0000e+00,
P: -7.4800, Plg3, 0.0000e+00, Azmi315.0000e+00; nsta2 refers to
body waves. nsta2 refers to surface waves, cutoff=35s.







1071

Table with columns: Station Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like KRUC, JAVC, SRO, SRO, Vranov, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like MOSL, DOBRUSKA-POLON, VIS, etc.

2020 2h

Table with columns: Station Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like TRPA, TRPA, TRPA, Oberstdorf, etc.

Table of meteorological data for 20d 3h period, listing stations like SBF, SBF, ISO, PGF, MEZF, etc. with columns for code, station name, time, and other parameters.

Table of meteorological data for 2013 SEP period, listing stations like KURK, AAK, MKAR, BELL, HIA, SEY, etc. with columns for code, station name, time, and other parameters.

Table of meteorological data for 2013 SEP period, listing stations like TKB, DIGR, ZEI, ZEI, POSEF, etc. with columns for code, station name, time, and other parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like U40A, AMTX, WVT, PBMO, etc.

NEIC 20 03:32:22.9±0.5, 38.625N, 0.0099, 122.769W, 0.01, h3km, 9km, Northern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NHSM, MAC, NMAC, etc.

ZUR 20 03:56:48.8, 47.42N, 9.32E, h5km, MLh0.8/4, 2C-1D, Error ellipse: s-maj=1.5km s-min=0.7km az=309.0, Germany

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SGT00, SGT01, SGT02, etc.

ROM 20 03:57:54.1±0.1, 42.929N, 0.0003, 12.957E, 0.0005, h10km, ML0.6/2, Error ellipse: s-maj=0.4km s-min=0.2km az=241.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CESI, FDMO, NRCA, etc.

DJA 20 03:58:03.1±0.8, 1°N, 6°12'E, h452km, 6km, M4.2/6, mb4.4/2, mb5.0/3, MLV4.0/6, Mw(mb)4.3/3

ICC 20 03:58:13.4±9.6, 1.41N, 122.64E, h588km, 164km, mb3.4/6, mb1 3.3/7, mb1mx3.0/28, mbtmp4.3/7, Error ellipse: s-maj=67.5km s-min=18.9km az=102.0

ISC 20 03:58:04.1±0.8, 1.37N, 0.07, 122.4E, 0.1, h450km, n17, a189/18, mb3.9/7, Minahassa Peninsula, Sulawesi

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

ISCJB 20 04:08:06.4±0.4, 39.97N, 0.02, 19.77E, 0.03, h5km, 3km, Error ellipse: s-maj=4.7km s-min=2.4km az=152.4

ATH 20 04:08:07.8, 39.86N, 19.83E, h19km, 1km, ML2.8/4, Error ellipse: s-maj=2.4km s-min=1.4km az=190.0

THE 20 04:08:07.9, 39.93N, 19.87E, h0km, 4km, ML2.7/6, Error ellipse: s-maj=4.5km s-min=1.1km az=284.0

TIR 20 04:08:07.9, 39.93N, 19.95E, h0km, ML2.4/9, ISC 20 04:08:07.2±0.9, 39.94N, 0.02, 19.84E, 0.02, h7km, 7km, n78, c0887/100, 2C, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SRN, KASA, KEK, etc.

SCTE 20 04:08:07.9, 39.93N, 19.87E, h0km, 4km, ML2.7/6, Error ellipse: s-maj=4.5km s-min=1.1km az=284.0

TIR 20 04:08:07.9, 39.93N, 19.95E, h0km, ML2.4/9, ISC 20 04:08:07.2±0.9, 39.94N, 0.02, 19.84E, 0.02, h7km, 7km, n78, c0887/100, 2C, Greece-Albania border region

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

EV 20 04:08:07.9, 39.93N, 19.87E, h0km, 4km, ML2.7/6, Error ellipse: s-maj=4.5km s-min=1.1km az=284.0

TIR 20 04:08:07.9, 39.93N, 19.95E, h0km, ML2.4/9, ISC 20 04:08:07.2±0.9, 39.94N, 0.02, 19.84E, 0.02, h7km, 7km, n78, c0887/100, 2C, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EVR, WLS, PVO, etc.

ISC 20 04:12:56.5±1.3, 29.10N, 51.29E, h0km, mb3.9/8, mb1 3.9/11, mb1mx3.7/45, mbtmp3.9/11, ML3.3/3, MS2.8/1, Ms1 2.8/1, ms1mx2.4/28, Error ellipse: s-maj=27.7km s-min=21.1km az=139.0

ISCJB 20 04:12:57.4±0.3, 29.05N, 0.03, 51.23E, 0.04, h17km, mb3.9/8, Error ellipse: s-maj=5.8km s-min=2.4km az=145.6

WVR 20 04:12:57.9, 29.26N, 51.37E, h5km, ML3.2

TEH 20 04:12:59.0, 29.18N, 51.29E, h20km, ML3.5

OMAN 20 04:13:06.5±1.2, 28.81N, 51.41E, h33km, ml3.9/2, Error ellipse: s-maj=28.9km s-min=8.4km az=41.0

ISC 20 04:12:59.6±0.6, 29.13N, 0.05, 51.30E, 0.06, h17km, n77, c1918/87, mb3.9/8, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUGI, UJBI, NVLJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IBRJ, IRAM, ZNGN, etc.

ISCJB 20 04:13:34.4±0.4, 14.95S, 0.04, 167.43E, 0.09, h129km, mb4.1/13, Error ellipse: s-maj=12.8km s-min=5.9km az=177.2

NEIC 20 04:13:35.8±2.0, 14.94S, 0.09, 167.5E, 0.1, h129km, 5km, mb4.4/14

ICC 20 04:13:36.0±2.5, 14.92S, 167.42E, h130km, 21km, mb4.0/1, mb1.1/14, mb1mx3.9/30, mbtmp4.4/14, Error ellipse: s-maj=23.6km s-min=15.3km az=99.0

ISC 20 04:13:35.6±0.5, 14.95S, 0.06, 167.5E, 0.1, h129km, n55, c0959/60, mb4.3/14, 1, Vanuatu Islands

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

ISCJB 20 04:13:34.4±0.4, 14.95S, 0.04, 167.43E, 0.09, h129km, mb4.1/13, Error ellipse: s-maj=12.8km s-min=5.9km az=177.2

NEIC 20 04:13:35.8±2.0, 14.94S, 0.09, 167.5E, 0.1, h129km, 5km, mb4.4/14

ICC 20 04:13:36.0±2.5, 14.92S, 167.42E, h130km, 21km, mb4.0/1, mb1.1/14, mb1mx3.9/30, mbtmp4.4/14, Error ellipse: s-maj=23.6km s-min=15.3km az=99.0

ISC 20 04:13:35.6±0.5, 14.95S, 0.06, 167.5E, 0.1, h129km, n55, c0959/60, mb4.3/14, 1, Vanuatu Islands

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

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

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

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

ISCJB 20 04:23:28.6, 0.3, 43.625:0.03:172.55E:0.05, h30km, 3km, mb3.5/2, Error ellipse: s-maj=6.8km s-min=3.6km az=44.4

SKO 20 04:23:50.7, 41.83N:22.88E, h20km, MD2.8 SKO 20 04:23:51.1, 41.81N:22.82E, h15km, M1.6, ML2.7

URLA comp=Z,6um,0.1s IAML\_P 0.28 333 PG Pg 04 44 15.1 -0.1 URLA Balcova 0.35 38 PG SG 04 44 19.5 +0.4

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

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

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

ISCJB 20 04:44:08.8, 38.09N:26.74E, h7km, 2km, ML2.8 ISCJB 20 04:44:09.0, 38.12N:26.78E, h7km, 2km, ML2.3/1

Code Station Name Az Az' Op Phase ID Time Res h m s ISC GMLD Gmuldur 0.12 104 PG Pg 04 44 14.7 0.0

URLA comp=Z,8um,0.2s IAML\_P 0.28 333 i P Sb 04 44 15.9 -0.5 URLA Izmir 0.28 333 i P Sb 04 44 20.2 -1.0

Table with columns: DIVS, Divibare, 3.08 319, ePn, Pp, 04 46 14.3, -2.5, MDVR, Moldovita, 3.08 346, Pp, 04 46 19.2, -1.3, etc.

ISCJB 20 04:51:21.8-0.5, 37:39N,0:02-26:88E,0:04, h0km,6km, Error ellipse: s-maj=5.7km s-min=3.6km az=159.6

DDA 20 04:51:21.7, 37:40N-26:90E, h7km,1km, ML2.9

ATH 20 04:51:22.0, 37:43N-26:85E, h23km,3km, ML2.5/2, Error ellipse: s-maj=2.4km s-min=0.5km az=66.0

Main table for 1075, columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like DIDI, Didim-Aydin, SMG, Samos, etc.

ISCJB 20 04:52:59.9-0.6, 38:49N,0:03-36:61E,0:03, h1km,6km, Error ellipse: s-maj=5.6km s-min=4.4km az=13.1

DDA 20 04:52:59.9, 38:44N-36:60E, h7km,7km, ML2.8

ISC 20 04:52:59.8, 38:54N-36:64E, h7km, ML2.2/6

Main table for 1075 (continued), columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like ELBS, KAHRAMANMARAS, etc.

IDC 20 04:53:21.9, 1.3, 38:48N,21:63E, h0km,mb3.9/9, mb1 3.9/12, mb1mx2.7/43, mbtmp3.8/12, ML3.8, MS2.7/4, Ms1 2.7/4, ms1mx2.4/48, Error ellipse: s-maj=2.1km s-min=2.0km az=16.0

ISCJB 20 04:53:23.0, 38:52N,0:01-21:64E,0:02, h12km,2km, mb3.7/9, MS2.4/2, Error ellipse: s-maj=2.5km s-min=2.0km az=136.2

ATH 20 04:53:23.4, 38:51N-21:66E, h18km,1km, ML3.5/28, Error ellipse: s-maj=1.2km s-min=0.6km az=14.0

THE 20 04:53:24.1, 38:51N-21:66E, h0km,1km, ML3.3/15, Error ellipse: s-maj=1.6km s-min=0.4km az=291.0

ISC 20 04:53:24.0, 38:50N,0:02-21:66E,0:01, h16km,4km, n167, r193/207, mb3.8/9, 15C-9D, Greece

Main table for 1075 (continued), columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, ISC, h m s, ISC, Res. Includes stations like PVO, Paravola, etc.

Table for 2013 SEP, columns: ANX, Ano Chora, 0.23 65, P, Sg, 04 53 28.7, -0.5, etc.

comp=E,20um,0.4s

comp=N,4323um,0.5s

comp=E,38127um,0.4s

comp=N,9um,0.4s

comp=N,4um,0.6s

comp=N,7759um,0.6s

comp=N,9384um,0.5s

comp=N,7um,0.2s

comp=N,12339um,0.4s

comp=N,9um,0.3s

comp=N,12219um,0.4s

comp=E,22972um,0.3s

comp=E,16um,0.5s

comp=N,4700um,0.5s

comp=N,19233um,0.6s

comp=N,83514um,0.2s

comp=N,2um,0.3s

comp=N,438um,0.3s

comp=N,4736um,0.3s

comp=N,10580um,0.4s

comp=N,23216um,0.2s

comp=N,5431um,0.3s

comp=N,9550um,0.4s

comp=E,11109um,0.4s

comp=N,3um,0.7s

comp=N,4675um,0.8s

comp=E,6564um,1.1s

comp=N,6044um,0.9s

comp=N,1um,0.5s

comp=N,768um,0.1s

Table for 2013 SEP, columns: ATAL, Atalanti, 1.09 79, P, Pp, 04 53 41.1, -0.9, etc.

comp=E,608nm,0.6s

comp=N,2883um,0.7s

comp=N,3966um,0.4s

comp=N,1950um,0.9s

comp=N,2738um,0.8s

comp=N,554um,0.6s

comp=N,8299um,0.6s

comp=N,4012um,0.7s

comp=N,2875um,0.5s

comp=N,2773um,0.5s

comp=N,2599um,0.8s

comp=N,1878um,0.8s

comp=N,1778um,1.1s

comp=N,1582um,0.7s

comp=N,2353um,0.6s

comp=N,1923um,0.6s

comp=N,2321um,0.2s

comp=N,5431um,0.3s

comp=N,9550um,0.4s

comp=N,3um,0.7s

comp=N,4675um,0.8s

comp=N,1um,0.5s

comp=N,768um,0.1s

comp=N,768um,0.1s

comp=N,768um,0.1s

comp=N,768um,0.1s

comp=N,768um,0.1s

comp=N,768um,0.1s

comp=N,768um,0.1s

comp=N,768um,0.1s

Table of station data for 20d 6h, including station names like NB2, NOA, NOA, NOA, EKA, TOR, etc., and their associated codes, times, and results.

Table of station data for 20d 6h, including station names like GWJ, HOJ, CMH, etc., and their associated codes, times, and results.

ISCJB 20 05:37:20.3-0.4, 5.47S; 0.05x151.60E; 0.08, h57km, mb4.0/10, MS3, 1/2, Error ellipse: s-maj=12.7km

ICD 20 05:37:21.9-1.2, 5.44S; 151.62E, h65km, 10km, mb3.8/10, mb1.4/0.1, mb1mx3.7/50, mbtmp4.1/11, MS3, 2/2

NEIC 20 05:37:22.3-0.5, 5.43S; 0.07x151.70E; 0.07, h65km, 8km, mb4.6/13

ISC 20 05:37:21.5-0.6, 5.43S; 0.07x151.7E; 0.1, h57km, n37, s134/39, mb4.2/14, New Britain region

Main table of station data for 20d 6h, including station names like KRVT, KRVT, KRVT, etc., and their associated codes, times, and results.

ICD 20 05:40:58.3-2.4, 10.21S; 113.49E, h0km, mb3.9/6, mb1.4/2.6, mb1mx3.8/46, mbtmp4.0/6, MS3, 1/3, Ms1.3/1, ms1mx2.7/35, Error ellipse: s-maj=135.1km s-min=18.1km

Table of station data for 2013 SEP, including station names like JAGI, IGBI, IGBI, etc., and their associated codes, times, and results.

Table of station data for 2013 SEP, including station names like WRR, ASAR, CMAR, etc., and their associated codes, times, and results.

ISK 20 05:41:12.1, 37.40N; 26.90E, h3km, ML2.6/16

ATH 20 05:41:12.8, 37.44N; 26.87E, h25km, 2km, ML2.5/4, Error ellipse: s-maj=2.5km s-min=1.2km az=50.0

THE 20 05:41:12.7, 37.43N; 26.89E, h0km, 1km, ML2.4/4, Error ellipse: s-maj=2.1km s-min=1.0km az=76.0

ISCJB 20 05:41:13.0-0.5, 37.40N; 0.26-91E; 0.03, h6km, 5km, Error ellipse: s-maj=4.3km s-min=3.1km az=165.5

DDA 20 05:41:13.3, 37.41N; 26.91E, h7km, 4km, ML3.2

ISC 20 05:41:12.7-1.0, 37.43N; 0.26-94E; 0.02, h15km, 8km, n41, s09/69/60, Dodecanese Islands

Main table of station data for 2013 SEP, including station names like DIDI, SMG, SMG, etc., and their associated codes, times, and results.

ROM 20 06:00:03.0-6.0, 1.43355N; 0.003x12.528E; 0.005, h7km, 1km, ML0.5/3, Error ellipse: s-maj=0.3km s-min=0.2km az=27.0, Central Italy

Main table of station data for 2013 SEP, including station names like ATFO, ATFO, ATFO, etc., and their associated codes, times, and results.

ICD 20 05:57:52.5-1.0, 16.77S; 173.66W, h0km, mb4.1/10, mb1.4/3/10, mb1mx4.1/35, mbtmp4.1/10, MS3, 0/3,

Table of station data for 1076, including station names like MS1, MS1, MS1, etc., and their associated codes, times, and results.

Table of station data for 1076, including station names like AFJ, AFJ, AFJ, etc., and their associated codes, times, and results.

Table of station data for 1076, including station names like STKA, STKA, STKA, etc., and their associated codes, times, and results.

Main table of station data for 1076, including station names like ATFO, ATFO, ATFO, etc., and their associated codes, times, and results.





20d 6h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like China Poot, Bradley Lake, Urumqi, etc.

2013 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like mb1 4.0/14, mb1mx3.8/38, mbtmp4.3/14, MS3.3/3, etc.

1078

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ILLS Iliamna Low So, AUL Augustine Lava, AUE Augustine Isla, etc.

ISCJB 20 06:34:40.7±0.3, 8.29S; 0.04x107.74E; 0.04, h35km, mb4.2/14, MS3.1/1, Error ellipse: s-maj=6.3km s-min=5.0km az=18.4

ISC 20 06:38:21.5±0.3, 5.972N; 0.03x153.13W; 0.06, h135km, 3km, mb3.6/3, Error ellipse: s-maj=5.2km s-min=3.8km az=42.1

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC. Includes stations like JMTN Minamitane, JYAK Yakushimahiray, etc.



Table of station data for the '20d 6h' section, including call signs, coordinates, and various status indicators.

Table of station data for the '2013 SEP' section, including call signs, coordinates, and various status indicators.

Table of station data for the '1080' section, including call signs, coordinates, and various status indicators.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YERR Yerington, DLMT Dillon, JAVS Javornik, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SYO Syowa Base, SNA Sanae, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, VHO Vista Hermosa, etc.

20d 9h

Table with columns: TEIG, Topich, Time, Pn, Pn, 08 09 38.0+0.3, etc. Includes stations like Tepecih, SOCORRO T-PHASE 87 287, LTX Lajitas, TX32 Lajitas Array, etc.

MEX 20 08:35:37.8-0.6, 18.07N-101.70W, h29km, 1.7km, MD3.6, Guerrero

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like Zihuatanejo, Puento Sto Nin, El Cayaco, etc.

2013 SEP

Table with columns: GSC Goldstone, Bar, LRMCC Laurel Mtn Rad, LRMCC Laurel Mtn Rad, SC12 San Clemente I, etc.

ISK 20 08:54:34.4, 37.71N-38.13E, h15km, ML1.6/6

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

1082

Table with columns: SRCK Saricakaya, Es, SRCK Saricakaya, Es, SRCK Saricakaya, Es, etc. Includes stations like Saricakaya, Es, Gulveren, etc.



20d 11h

2013 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAVA, ZAPS, OUR, MPEP, THAS, etc.

ISCJB 20 11:23:35.9-0.6, 30.83S; 0.04, 177.8W; 0.1, h10km, mb4.1/7, MS3.6/5, Error ellipse: s-maj=13.1km

IDC 20 11:23:36.0-1.0, 30.68S; 1.77, 67W; h0km, mb4.2/7, mb1.4/4.7, mb1mx4.1/25, mbtmp4.2/7, MS3.6/4, Ms1.3/6.4, m1mx3.1/32, Error ellipse: s-maj=26.8km, s-min=21.8km az=93.0

NEIC 20 11:23:37.9-1.6, 30.74S; 0.05, 177.7W; 0.2, h18km, 5km, mb4.3/14

ISC 20 11:23:37.3-0.7, 30.77S; 0.06, 177.7W; 0.1, h10km, n51, s=12/47, mb4.3/11, MS3.6/5, Kermadec Islands

Main table of station data for the left column, including codes like RAO, URZ, URU, BKZ, MSWZ, etc.

IDC 20 11:28:44.3-5.7, 22.71N; 95.99E, h22km; 37km, mb3.3/2, mb1.3/5/3, mb1mx3.2/35, mbtmp3.4/3, ML3.9/1, MS2.7/1, Ms1.2/9.1, ms1mx2.5/16, Error ellipse: s-maj=37.8km, s-min=25.9km az=63.0, Myanmar

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

MKAN Makanchi Array 26.46 339 P 11 34 19.7 0.0
ASAR Alice Springs 59.02 139 P 11 38 42.6 -0.1
KRNET 20 11:43:59.3-0.1, 41.07N; 69.86E, mb2.5
ISC 20 11:44:02.5-2.7, 40.95N; 0.07, 69.6E; 0.2, h35km, n5, s=05/9/9, 4C-6D, Tajikistan

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

IDC 20 11:53:25.4-0.6, 22.95N; 96.00E, h0km, mb4.3/18, mb1.4/5.19, mb1mx4.2/48, mbtmp4.3/19, ML4.9/1, MS4.4/20, Ms1.4/4.20, ms1mx4.1/42, Error ellipse: s-maj=24.3km, s-min=11.0km az=54.0

NDI 20 11:53:25.3-0.2, 22.97N; 96.16E, h10km, ML4.8, mb4.9(NEIC)
GCMT 20 11:53:26.8-0.2, 22.81N; 0.01, 96.04E; 0.01, h12km, MW5.0/113, Moment Tensor Solution, s40.65; s13.0189; Duration: 0 Moment tensor: Scale 10^16Nm; M=0.56t; 08; M=0.37t; 08; M=0.18t; 08; M=0.88t; 24; M=0.34t; 06; M=0.53t; 23; Best double couple; M=3.58200x10^16 NP1.9s1.00000; .685.00000; .13.00000; . NP2.3s360.00000; .877.00000; .175.00000; Principal axes: T 3.9610, P 12.0000, Azm12.0000; N -0.7580, Plg76.0000; Azm112.0000; P -3.2040, Plg5.0000, Azm225.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
NEIC 20 11:53:26.4-0.9, 22.86N; 0.06, 95.88E; 0.07, h10km; 1km, mb4.9/65

MOS 20 11:53:26.5-1.0, 22.83N; 95.89E, h23km, mb5.0/27, Error ellipse: s-maj=11.9km, s-min=5.1km, az=119.1
ISCJB 20 11:53:27.8-0.2, 22.83N; 0.02, 95.83E; 0.02, h32km, mb4.6/59, MS4.4/32, Error ellipse: s-maj=3.7km, s-min=2.3km az=28.6

BUI 20 11:53:28.4-0.0, 23.04N; 95.88E, h23km, mb4.8/52, mb5.1/41, ML5.0/5, Ms5.0/60, Ms7.4/8/52
ISC 20 11:53:30.1-0.3, 22.89N; 0.04, 95.84E; 0.03, h32km, n236, s=164/255, mb4.8/79, MS4.4/33, 12C-6D, Myanmar

Main table of station data for the right column, including codes like SAIH, AZL, SAIH, etc.

Main table of station data for the far right column, including codes like GYA, PKI, PKIN, etc.

1085

Table with columns for station name, frequency, power, and other technical details. Includes stations like THW CEP, KSH, RGR1, etc.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like HRA Herat, ZAAO Zalesovo Array, etc.

20d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRAB Tennant Creek, AKASG Malin Array, etc.





Table with columns for station code, name, coordinates, and various signal metrics. Includes stations like SSE Sheshan, RGRi Padang, BJT Baijittauu, etc.

Table with columns for station code, name, coordinates, and various signal metrics. Includes stations like KUU Kurty, KUU Kurly, KUU Kurly, etc.

Table with columns for station code, name, coordinates, and various signal metrics. Includes stations like HIA comp=Z,10um,22.0s, HIA Hailar, HIA Nakatsue, etc.





20d 12h

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like ECSD EROS Data Cent, QSPA South Pole Qui, HNH Hanover, H43A Windswept, LUX Lux, FFD Franklin Falls, PHWY Pilot Hill, I41A Arkdale, N23A Red Feather La, I45A Fountain, O20A White River Ci, J57A Plesco, I49A Gladwin, J58A Remsen, J57A Williamstown, J56A Wolcott, K62A Royalstar, HRV Adam Dzewonski, J55A Hilton, J45A Montague, J54A Appleton, W54 Weston, TRY Troy, BCX Boston College, SHPR Sheep Range, J48A Griggs Pt, K58A Earville, QUAZ Belcher, BRYW Bryant College, K43A Burlington, M65A Busby, Falmout, L59A Walton, BINY Binghamton, SCIA State Center, L60A Anamosa, AAM Ann Arbor, ERPA Erie, U15A North Rim, YLE Yale, L46A Eue Claire, M56A Emporium, M57A Sunshine Farm, M55A Ridgway, M54A Oil Creek Stat, M52A Chesterland, PFO Pinyon Flats O, M44A Midewin, M48A Edgerton, KSCO Kaye Shedlock, M50A Fremont, N59A State Game Lan, N58A Sunbury, N54A Moraine State, SDCO Great Sand Dun, WUAZ Wupatki, N55A Marion Center, N49A Columbus Grove, SSPA Standing Stone, N47A Urbana, N53A Lisbon, BAR Barrett, HDL Hopedale, PAGES Pennsylvania G, CBKS Cedar Bluff, O56A Ice Knob Stat, PSUB Penn St - Bra, SFIN Lafayette, P60A Greenville, Y14A Wickenburg, P61A Hammond, ACSCO Alum Creek Sta, T25A Trinidad, X16A Lo Mia Camp, P, W18A Skragged, P43A Skaggs, Pawnee, MCWV Mont Chateau, P57A Homestead Farm, X18A Snowflake, P53A Whipple, P51A Williamsport, Q60A Greenboro, BLO Bloomington, Q54A Cocks Mills, Q51A Peebles

2013 SEP

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like R61A Willards, ANMO Albuquerque, PPT2 Papeete2, PPT2 Papeete2, CBN Corbin Frederi, R55A Marlinton, R53A Hurricane, Y52A Accomac, S61A RISS PASCALI, U32A Winter Ranch, TUC Tucson, S54A Dingess, Beckl, S51A Beattyville, T60A Surry, T59A Double B Far, AMTX Amarillo, T57A Hurt, T49A Edmontson, T42A Hallie, TBI Tubuai, TBI Tubuai, TBI Tubuai, 121A Cookes Peak, MSTX Muleshoe, U59A Littleton, U54A Neilson Funny, 319A Douglas, WMOK Wichita Mount, V61A Roper, V62A Hyde County Ai, V58A Winslow Hill, V55A Taylorville, V56A Mecksville, EPT El Paso, V52A Sevierville, V51A Loudon, V53A Saluda, CNNO Cliffs Mountain, MNXT Cornudas Mount, MNTX MNTX, W57A Gilead, W50A Signal Mountai, KMSC Kings Mountain, PLAL Pickwick Lake, W52A Murphy, X43A Marvell, OXF Oxford, X58A Rowland, X51A Calhoun, Y58A Scranton, WHTX Lake Whitney, GOGA Godfrey, Z56A Williston, NHSC New Hope, TX31 Lajitas Ar, TXAR Lajitas Ar, TXAR Lajitas Ar, JCT Junction City, JCT Junction City, 257A Skidaway Islan, HPIG HPIG, HKT Hockley, ZAIG Zacatecas, 061Z Ochoppi, SMRT St. Maarten, SABA Saba, FDF Fort de France, SDDR Presa de Saban, BEI BANI, TEIG Tepich, CCIG Comitán, TGUH Tegucigalpa, JCT Serv Nac Est T, ESPN Las Esperanzas, ACON Acopyay, CODC Agustín Codazz, CODC Agustín Codazz, SDV Santo Domingo, SDV Santo Domingo, SJCC San Jacinto, SJCC San Jacinto, SMLC San Martin de, SMLC San Martin de, OCAC Ocaña, OCAC Ocaña, PTGA Pitinga, BCIP Isla Barro Col, BRRC Barranca, Sant, BRRC Barranca, Sant, BARC Barichara, BARC Barichara, PTBC PUERTO BERRIO

1090

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like PTBC PUERTO BERRIO, RUSC La Rusia, RUSC La Rusia, NORC Norcasia, NORC Norcasia, CBOC Ciudad Bolivar, CBOC Ciudad Bolivar, GUYC Guyana, GUYC Guyana, GUYC Guyana, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, CHIC Chingaza, CHIC Chingaza, PRAC Prado, PRAC Prado, SAML Samuel, OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, IDC 2012:38:31.2:5.8,30,465x177.94W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.7/40, mb2mx3.8/70, Error ellipse: s-maj=223.8km s-min=52.4km az=151.0, Kermadec Islands, Code Station Name, Az, Az, Phase ID, Time Res, ISC, h m s ISC, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES Finnes Array B, ISCJB 2012:38:59.5:0.4, 18.789S:0.05:169.43E:0.07, h246km, mb4.1/1.2, Error ellipse: s-maj=9.1km s-min=6.1km, NEIC 2012:39:00.7:1.6, 18.83S:0.08:169.5E:0.1, h248km, 8km, mb4.3/1.9, IDC 2012:39:03.0:1.5, 18.98Sx169.42E, h267km, 15km, mb3.8/1.2, mb1.4/0.4, mb1mx3.7/46, mb2mx4.6/14, Error ellipse: s-maj=220.8km s-min=52.4km az=151.0, Kermadec Islands, Code Station Name, Az, Az, Phase ID, Time Res, ISC, h m s ISC, MARNC Mare, Loyalty, PINNC Pines Island, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, DZM Honiara, HNR Honiara, EIDS Eidsvold, EIDS Eidsvold, BKZ Black Stump Fm, BKZ Black Stump Fm, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, CTAO Charters Tower, MSWZ Moikait Station, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, STKA Stephens Creek, STKA Stephens Creek, STKA Tennant Creek, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, HIT Hitmantan, MTN Hitmantan, KNRA Kununurra, KNRA Kununurra, FAKI Fak Fak, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, BATI Baunata, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, MORW Morawa, MORW Morawa, SBA Scott Base, MAJO Matushiro, MAJO Matushiro, QSPA South Pole Stat, PETK Petropavlovsk, PE1A Petropavlovsk, CMB Columbia Cole, CMB Columbia Cole, PPLA Purkupyelle, YBH Yreka Blue Hor, SONA Songino Array, SONA Songino Array, ISA Isabella, ISA Isabella, NVAR Mina Array Base, NVAR Mina Array Base, SNA4 Sanae, ILAR Eielson Array, VNA3 Neumayer-Olymp, VNA3 Neumayer-Watz, VNA1 Neumayer-Stat, ARAD ARCES Array B, ARCS ARCES Array B, NEIC 2012:44:49.4:1.2, 39.366N:0.009:123.33W:0.02, h110km, 4km, Near coast of northern California, Code Station Name, Az, Az, Phase ID, Time Res, ISC, h m s ISC, GWRM Wonder Ranch, GTC Three Chop Rid, KFPM Farley Peak, GNMI Navarro Riege, GHMM Hill Mountain, GHM Hamilton Openi, GCOM Cahto Peak, KCPM KCPM

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GHLM Highland Sprin, HOPS Hopland Field, etc.

YARS 20 12:49:06.0, 67.63N, 142.81E, h15km
ISCJB 20 12:49:07.0, 6.0, 8.67, 64N, 0.04, 142.9E, 0.2, h10km

ISC 20 12:49:10.3, 1.0, 67.61N, 0.05, 142.97E, 0.07, h10km, n9,
a=179/9, mb3.4/3, Eastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MOMR Moma, YBGR Belaya Gora, etc.

ISK 20 12:55:40.1, 39.60N, 44.01E, h19km, 2km, ML2, 6/4
DDA 20 12:55:40.1, 39.58N, 44.12E, h7km, 5km, ML2, 6

ISCJB 20 12:55:41.0, 2.0, 7.39, 59N, 0.04, 106E, 0.06, h20km, 11km,
Error ellipse: s-maj=9.0km s-min=4.8km az=37.3

ISC 20 12:55:40.5, 1.3, 39.58N, 0.04, 44.08E, 0.05, h18km, 5km,
n10, c=113/17, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IGDI IGDIR, DYDN Diyadin, etc.

ISCJB 20 12:58:02.6, 0.4, 37.41N, 0.03, 72.28E, 0.06, h20km,
mb3.2/2, Error ellipse: s-maj=6.1km s-min=4.4km az=2.7

ISC 20 12:58:02.9, 5.1, 37.37N, 72.10E, h190km, 43km, mb3.2/2,
mb1.3/2, mb1tmx3.9/59, mbtmtp3.8/8, MS4.2/1, Ms1.4/2,
mb1tmx3.5/26, Error ellipse: s-maj=55.4km s-min=37.6km
az=139.0

NEIC 20 12:58:04.1, 1.5, 37.47N, 0.06, 72.19E, 0.08,
h209km, 15km, mb4.0/2

NNC 20 12:58:07.8, 3.7, 37.91N, 72.13E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=28.6km s-min=21.6km az=169.0

ISC 20 12:58:02.9, 0.7, 37.239N, 0.05, 72.31E, 0.05, h200km, n34,
a=191/47, 4C-2D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GAR Garm, BTK Batken, etc.

ISCJB 20 13:00:18.2, 0.7, 35.38N, 0.05, 71.49E, 0.10, h102km,
mb3.4/3, Error ellipse: s-maj=12.5km s-min=4.1km
az=151.7

ISC 20 13:00:19.7, 6.3, 35.41N, 71.47E, h90km, 57km, mb3.5/4,
mb1.3/6, mb1tmx3.3/55, mbtmtp3.9/9, ML2.5/5, Error
ellipse: s-maj=42.2km s-min=29.9km az=21.0

NNC 20 13:00:24.4, 6.1, 36.32N, 70.73E, h0km, mb4.4, mpv4.1,
Error ellipse: s-maj=49.2km s-min=36.1km az=176.0

ISC 20 13:00:19.3, 0.8, 35.43N, 0.06, 71.54E, 0.09, h102km, n40,
a=206/47, mb3.5/3, 10C-2D, Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DHRM DHARAMSHALA, SMLA Simla, etc.

AML Almayashay SNR=15
UCH Jochtar SNR=18

EKS2 Erkinay SNR=9.3
AAK Ala-Archa SNR=8.9

AAK Ala-Archa SNR=12
AAK Ala-Archa SNR=6.7

AAK Ala-Archa SNR=11
AAK Ala-Archa SNR=11

AAK Ala-Archa SNR=15
AAK Ala-Archa SNR=15

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AAK Ala-Archa SNR=15

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TAPN Taplejung, KURBB Kurchatov Arra, etc.

ISCJB 20 13:03:46.1, 0.3, 0.69N, 0.04, 126.01E, 0.05, h10km,
mb4.0/9, Error ellipse: s-maj=6.7km s-min=6.4km az=5.0

IDC 20 13:03:47.0, 0.5, 0.70N, 125.87E, h0km, mb4.0/9,
mb1.4/1.9, mb1tmx3.8/38, mbtmtp4.0/9, Error ellipse:
s-maj=49.6km s-min=15.3km az=74.0

NEIC 20 13:03:50.3, 2.4, 0.68N, 0.07, 126.07E, 0.07, h29km, 7km,
mb4.3/16

DJA 20 13:03:52.9, 0.4, 1.1N, 6.12E, h51km, 10km, M4, 1/7,
mb4.3/4, MLV4.0/7

ISC 20 13:03:47.0, 0.5, 0.70N, 0.06, 125.87E, 0.05, h10km, n43,
a=206/43, mb4.2/17, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TNTI Ternate, TNTI Ternate, etc.

WR1 Warrungarra Arr 22.09 159 P P 13 08 44.1 +1.6

WRA Warrungarra Arr 22.09 159 P P 13 08 44.1 +1.6

MYKOM Kota Tinggi 22.16 273 P P 13 08 44.7 +1.4

COEN Coen 22.41 131 P P 13 08 43.4 -2.6

PSA00 Pilbara Seismic 22.94 195 P P 13 08 51.3 -0.2

YOJ Yonaguni Jima 23.80 353 P P 13 09 01.7 +1.7

AS31 Alice Springs 25.41 163 P P 13 09 18.4 +3.4

ASAR Alice Springs 25.41 163 P P 13 09 16.5 +1.6

ASAR Alice Springs 25.41 163 P P 13 09 14.9 +2.5

ASAR Alice Springs 25.41 163 P P 13 09 19.4 +4.4

RABL Rabaul 26.60 101 P P 13 09 20.5 -5.4

RPSI Rantau Prapat 27.12 275 P P 13 09 26.4 -4.1

MORW Morawa 31.09 197 P P 13 10 04.7 -1.0

FORF Fort Frances 31.37 177 P P 13 10 09.1 +1.0

STKA Stephens Creek 35.62 157 P P 13 10 47.6 +2.5

KSR5 Korea Array 36.62 3 P P 13 10 56.5 +3.0

MAJO Matsushiro 37.42 16 P P 13 11 01.0 +0.6

USRK Ussuriysk Ar. 43.64 6 P P 13 11 53.2 +1.6

WAKE Wake Island 43.61 63 P P 13 11 52.9 -1.3

MK31 Makanchi Array 59.63 327 P P 13 13 52.5 +1.2

MK32 Makanchi Array 59.63 327 P P 13 13 52.5 +1.2

MKAR Makanchi Array 59.63 327 P P 13 13 52.2 +0.9

ZALV Zalesovo Beam 62.95 334 P P 13 14 14.8 +1.1

ZAA1 Zalesovo Array 62.95 334 P P 13 14 14.8 +1.1

KURBB Kurchatov Arra 63.89 329 P P 13 14 20.9 +0.9

KURK Kurchatov 63.90 329 P P 13 14 21.4 +1.5

KURK Kurchatov 63.90 329 P P 13 14 21.6 +1.5

ISCJB 20 13:11.4, 0.9, 31.93S, 0.04, 70.48W, 0.06, h104km, 9km,
Error ellipse: s-maj=9.2km s-min=5.6km az=24.6

GUC 20 13:13.1, 7.0, 6.32, 00S, 70.67W, h93km, 7km, ML3.1

SJA 20 13:13.3, 0.8, 31.91S, 0.07, 70.28W, h100km, 9km, ML3.2,
MW3.3

ISC 20 13:13.1, 8.2, 0.31, 94S, 0.04, 70.49W, 0.06,
h100km, 17km, n19, a=098/27, 4C, Chile-Argentina border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like COO2 Combarbal, COO2 Combarbal, etc.

ASAL Salagasta 1.54 115 P P 13 13 39.9 +1.1

ZON Zonda 1.59 716 P P 13 13 39.6 +0.3

ZON Zonda 1.59 716 P P 13 13 39.3 -0.9

ARCO CERRO Arco 1.59 125 P P 13 13 40.4 +1.0

ARCO CERRO Arco 1.59 125 P P 13 14 06.0

ATGV Atalvaldia 1.66 88 P P 13 13 39.9 -0.2

RACR Agrelo 1.81 130 P P 13 13 43.5 +1.4

RTLL Cerro Villucun 1.82 71 P P 13 13 42.3 +0.1

LMEL Las Melosas 1.92 173 P P 13 13 44.2 +0.7

LMEL Las Melosas 1.92 173 P P 13 14 09.1 +3.3

LMEL Las Melosas 1.92 173 P P 13 14 14.1

Table with columns: AMOG, MOGNA, ACAN, GUANDACOL, RFA, San Rafael, WCA, MRA, San Martin, TCA. Includes station names, coordinates, and time/phase data.

NNC 20 13:19:06.0.2.4.37.34Nk78.53E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=18.2km s-min=13.7km az=24.0

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

SKO 20 13:42:19.0, 40.75N, 21.33E, h15km, M1.9, ML2.9 THE 20 13:42:19.0, 40.77N, 21.33E, h8km, 1km, ML2.75, Error ellipse: s-maj=1.0km s-min=0.5km az=247.0

ATH 20 13:42:20.5, 40.71N, 21.43E, h17km, 1km, ML2.76, Error ellipse: s-maj=2.4km s-min=0.9km az=135.0

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kozani, Pentalofo, Moravsky Berou, Ojcow, etc.

SJA 20 13:48:32.6.0.2.27.17S.67.45W, h3km, 60km, ML2.3, MW3.0, ISCJB 20 13:48:36.0.1.7.22.08S.0.08.67.24W.0.05, h171km, 19km, Error ellipse: s-maj=13.4km s-min=6.5km az=24.0

GUC 20 13:48:35.1.0.6.22.10S.67.57W, h233km, 23km, ML3.6 ISC 20 13:48:37.5.3.0.22.05S.0.08.67.22W.0.06, h153km, 34km, n7, e107.13, 1C-2D, Chile-Bolivia border region

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

DDA 20 13:59:29.9, 38.19N, 38.12E, h7km, 3km, ML2.6 ISK 20 13:59:29.6, 38.55N, 38.25E, h19km, ML1.8/5, ISCJB 20 13:59:31.5.0.8.38.26N.0.04.38.11E.0.04, h1km, 8km, Error ellipse: s-maj=7.6km s-min=4.8km az=9.8

ISC 20 13:59:30.6.1.0.38.38N.0.05.38.14E.0.04, h12km, 7km, n9, e183/16, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Akcadag, DARE, ELZG, KEMA, etc.

ISC 20 14:09:31.2.1.3.49.85N.0.07.18.54E.0.04, h7km, 13km, n6, e09/40, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Moravsky Berou, Ojcow, JANC, etc.

ISCJB 20 14:20:56.2.0.9.6.64S.0.07.154.39E.0.08, h48km, mb3.9/6, MS3.6/3, Error ellipse: s-maj=11.4km, s-min=10.7km az=9.4

IDC 20 14:20:57.9.4.6.6.63S.154.37E, h50km, 39km, mb3.7/6, mb1.4/0.8, mb1mx3.7/34, mbtmp4.0/8, ML2.82, MS3.5/4, Ms1.3.5/4, ms1mx3.1/25, Error ellipse: s-maj=40.2km s-min=16.2km az=103.0

ISC 20 14:20:57.8.1.0.6.58S.0.09.154.4E.0.1, h48km, n11, e127/11, mb4.0/6, MS3.7/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Krvat, HNR, PMG, WRA, ASAR, ASAR, PETK, MKAR, ILAR, NVAR, TORD, etc.

ISCJB 20 14:29:52.0.0.4.0.10N.0.04.122.47E.0.06, h202km, mb3.8/8, Error ellipse: s-maj=8.7km s-min=5.0km az=17.6

DJA 20 14:29:51.9.0.3.0.1N.3.12E, h164km, 3km, M4.2/12, mb4.3/8, mb4.7/3, MLV4.2/12, Mw(mb)4.0/3

IDC 20 14:29:52.3.2.4.0.17N.122.45E, h181km, 25km, mb3.7/8, mb1.3.8/11, mb1mx3.5/36, mbtmp4.2/11, Error ellipse: s-maj=23.8km s-min=11.8km az=79.0

ISC 20 14:29:53.6.0.6.0.10N.0.06.122.52E.0.08, h202km, n28, e219/30, mb4.0/1.0, Minahassa Peninsula, Su-Lo

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

Table with columns: SKMP, CTB, PAGZ, SIJI, JAGI, KPJI, FITZ, MDSI, PDSI, WRA, ASAR, ASAR, STKA, MJAR, ASAJ, SONM, MKAR, PETK, etc.

ISCJB 20 14:35:09.7.0.8.33.80N.0.04.35.7E.0.1, h14km, 8km, Error ellipse: s-maj=14.5km s-min=6.2km az=163.9

GRAL 20 14:35:09.5.0.3.33.81N.35.77E, h15km, 3km, MD2.5 NSSC 20 14:35:09.0.0.4.33.70N.35.60E, h29km, 9km, MD1.1, ML1.5

ISC 20 14:35:09.8.1.4.33.81N.0.04.35.75E.0.08, h13km, 15km, n7, e06/13, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bhannes, Deir Qamar, Rachaya, Barbar, Hawqa, Gassouin, etc.

NIED 20 14:40:0.0.80N.143.00E, h35km, Mw4.1 Best double couple: M1.76000x1015 NP1.267.00000, S24.00000, 7.154.00000, NP2.22.00000, S80.00000, 7.69.00000

ISCJB 20 14:40:49.0.0.6.40.84N.0.03.143.07E.0.06, h42km, 6km, mb3.9/13, MS3.8/2, Error ellipse: s-maj=8.8km s-min=3.9km az=27.8

JMA 20 14:40:49.4.0.3.40.84N.142.95E, h19km, 5km, M4.0 IDC 20 14:40:51.6.2.0.40.88N.143.07E, h48km, 18km, mb3.7/13, mb1.3.9/18, mb1mx3.8/43, mbtmp4.0/8, ML2.82, MS3.4/5, Ms1.3.4/5, ms1mx3.0/55, Error ellipse: s-maj=22.6km s-min=13.8km az=96.0

ISC 20 14:40:49.8.2.2.40.86N.0.04.143.08E.0.06, h32km, 16km, n43, e123/46, mb3.9/13, 2C-7D, Off east coast of Honshu

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

ISCJB 20 14:40:51.9.0.3.0.1N.3.12E, h164km, 3km, M4.2/12, mb4.3/8, mb4.7/3, MLV4.2/12, Mw(mb)4.0/3

IDC 20 14:29:52.3.2.4.0.17N.122.45E, h181km, 25km, mb3.7/8, mb1.3.8/11, mb1mx3.5/36, mbtmp4.2/11, Error ellipse: s-maj=23.8km s-min=11.8km az=79.0

ISC 20 14:29:53.6.0.6.0.10N.0.06.122.52E.0.08, h202km, n28, e219/30, mb4.0/1.0, Minahassa Peninsula, Su-Lo

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

Table with columns: NB2, NORSTAR Subarra, 71.16 337 P, 14 52 04.5 -0.4

BER 20 14:41:33.21.7, 66.14N:13.53E, h14km, gkm, ML1.1, Confirmed Earthquake, Northern Norway

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

MOS 20 14:41:58.0, 61.03N:28.93E, M1.8, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS FAS, Z249 + CD, CM, 2014)

HEL 20 14:41:58.9, 0.2, 60.96N:29.08E, h0km, ML1.9, Explosion, Baltic States-Belarus-Northern Western Russia

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

ISC/JB 20 14:46:10.8, 0.5, 36.51N:0.05E, 138.50E:0.07, h181km, 3km, mb3.6/5, Error ellipse: s-maj=10.1km s-min=8.1km az=157.0

IDC 20 14:46:11.3, 0.8, 36.56N:138.57E, h174km, 3km, mb3.3/5, mb1 3.3/8, mb1mx3.1, 0.9, mbtmp3.8/8, Error ellipse: s-maj=28.3km s-min=16.0km az=71.0

JMA 20 14:46:12.2, 0.1, 36.48N:138.48E, h174km, 1km, M3.3

ISC 20 14:46:11.7, 0.9, 36.50N:0.06E, 138.49E:0.07, h177km, gkm, n24, 0.68/34, mb3.6/5, Eastern Honshu

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

DJA 20 15:08:33.6, 0.6, 4.5S:10.0E, h10km, M4.4/13, mb5.1/3, MLv4, 1/13

ISC/JB 20 15:08:35.3, 0.6, 4.03S:0.07E, 100.41E:0.06, h35km, mb4.1/7, Error ellipse: s-maj=11.8km s-min=4.6km az=37.7

IDC 20 15:08:39.4, 1.8, 3.73S:100.21E, h30km, 5km, mb4.0/7, mb1 4.2/7, mb1mx3.7/57, mbtmp4.1/7, Error ellipse: s-maj=49.7km s-min=42.4km az=68.0

NEIC 20 15:08:39.9, 2.5, 3.67S:0.09E, 100.5E:0.1, h36km, 4km, mb4.5/14

ISC 20 15:08:38.6, 0.7, 3.89S:0.09E, 100.44E:0.07, h35km, h38km, p-P, n60, 0.17/75, mb4.5/13, Southern Sumatara

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

Main table with columns: KPJI, Karang Pucung, 9.12 112 P, 15 10 44.8 -3.0

BUI 20 15:08:39.2, 0.0, 1.73N:127.13E, h89km, mb5.2/65, mb5.2/44, Ms4.9/17, Ms7.4/6/11

KLM 20 15:08:42.0, 2.22N:127.17E, h68km, mb5.3

MOS 20 15:08:42.7, 1.1, 2.23N:127.04E, h83km, mb5.3/5.1, Error ellipse: s-maj=8.6km s-min=4.8km az=108.8

IDC 20 15:08:43.1, 1.2, 2.20N:127.13E, h78km, 10km, mb4.7/38, mb1 4.7/40, mb1mx4.7/51, mbtmp5.0/40, MS3.7/23, MS1.3/7/23, ms1mx3.7/30, Error ellipse: s-maj=12.9km s-min=7.2km az=65.0

NEIC 20 15:08:43.3, 1.8, 2.20N:0.06E, 127.06E:0.07, h78km, 4km, mb5.4/145

ISC/JB 20 15:08:43.0, 0.4, 2.18N:0.02E, 127.08E:0.02, h93km, 3km, mb5.3/128, Error ellipse: s-maj=3.7km s-min=2.4km az=152.1

DJA 20 15:08:44.6, 0.2, 2.12N:127.7E, h89km, 2km, Ms1.1/84, mb5.3/84, Mb5.5/34, MLv4, 5/17, Mw(m)B5.0/34

GCMT 20 15:08:45.0, 0.2, 2.25N:0.01E, 128.98E:0.02, h78km, 2km, MW5.1/107, Moment Tensor Solution, s60, c66, s107, c168, Duration: 0. Moment tensor: Scaled 1016Nm; Mn=0.28t; 15; Mw=1.33t; 13; Best double couple: Ms=980000\*1016 NP1.2=210.00000; S61.00000; lambda28.00000; NP2.3=332.00000; S46.00000; lambda2.00000

Principal axes: T 5.6720, Plg56.0000; Azm172.0000; N 0.6150, Plg32.0000; Azm10.0000; P -6.2870, Plg8.0000; Azm274.0000; nst1 refers to body waves, cutoff=40s, nst2a refers to surface waves, cutoff=50s.

ISC 20 15:08:43.0, 0.6, 2.18N:0.03E, 127.02E:0.04, h83km, 4km, n764, 0.17/267, mb5.3/172, 18C-15D, Northern Molucca Sea

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

Table with columns: FAKI, Fak Fak, 7.28 134 P, 15 10 29.4 +1.8



Table with columns for station name, frequency, power, and other technical details. Includes stations like IPM, MTSU, KULM, AS31, ASAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO, MAT, MJAR, MJAR, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PETK, PDGK, MK31, MKAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AAK, ARSB, MCQ, KBL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAW, OHAK, GNI, SBA, etc.

20d 15h

Table of station data for the 20d 15h period, including station names, coordinates, and various parameters.

2013 SEP

Table of station data for the 2013 SEP period, including station names, coordinates, and various parameters.

1096

Table of station data for the 1096 period, including station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VTN Vitineika, RLS Riolo of Patr, PVO Paravola, SERG Sergoula, etc.

DDA 20 15:40:12.7, 39:30N:42:80E, h7km, 1km, ML2.9
ISCJB 20 15:40:13.6, 0.7, 39:30N:0.04:42:83E:0.06, h8km, Error ellipse: s-maj=7.5km s-min=4.8km az=20.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLAZ Malazgirt-MUS, AGRB Hanur-Agry, AGRB Hanur-Agry.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EKAR Karacoban, EATA Eleskirt, EYAT Eydin, GURO Guromak-BITLI, etc.

RSNC 20 15:46:46.5, 0.9, 6:90N:76:72W, h15km, 3km, ML2.9, Mw3.5, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBBC Dabeiba, PTAC Punta Arditia, KBOC Ciudad Bolivar, etc.

IDC 20 15:51:36.3, 1.8, 1:72N:125:33E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.4, 29, mbtmbp3.4/4, ML3.4/1, Error ellipse: s-maj=117.9km s-min=23.1km az=67.0, Northern Molucca Sea

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

ISCJB 20 15:54:20.9, 0.9, 33:80N:0.04:35:73E:0.07, h12km, 8km, Error ellipse: s-maj=10.3km s-min=6.0km az=160.4, GRAL 20 15:54:20.9, 0.3, 33:80N:35:77E, h13km, 3km, MD2.7, NSCC 20 15:54:20.0, 0.3, 33:81N:35:68E, h14km, 1km, MD1.0, ML1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BHL Bhanes, DORL Deir Qamar, DORL Rachaya, RCBY Barbar, etc.

WEL 20 16:00:35.4, 0.4, 42:53'N x 174E, h5km, M3.2/20, ML3.6/7, ML3.2/20, Error ellipse: s-maj=0.0km s-min=0.0km az=153.1, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMWZ Cape Campbell, TCW Tory Channel, TUWZ Tuamarina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNHZ Pukenui, KRHZ Kereru, OKCZ Okains Bay, etc.

ISCJB 20 16:10:43.7, 0.5, 38:69N:0.03:30:96E:0.02, h3km, 5km, Error ellipse: s-maj=4.5km s-min=3.2km az=170.4, ISK 20 16:10:43.6, 38:70N:30:95E, h6km, ML2.3/1.8, DDA 20 16:10:43.7, 38:67N:30:93E, h7km, 3km, ML2.8, ISC 20 16:10:43.8, 1.1, 38:58N:0.03:30:94E:0.02, h8km, 1.1km, n28, o453/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHUT Sahun-Atyon, AFYV Afyonkarahisar, CIFT Cifteler, etc.

IDC 20 16:28:23.5, 0.7, 42:16N:76:51E, h0km, mb4.0/15, mb1 4.2/22, mb1mx4.0/49, mbtmbp4.1/22, ML3.5/7, MS3.6/17, MS1.3/6/17, ms1mx3.4/41, Error ellipse: s-maj=11.8km s-min=8.5km az=26.0

BUI 20 16:28:24.8, 0.4, 42:56N:76:67E, h5km, mb4.5/15, mb4.6/14, ML4.6/8, MS4.2/10, MS7.3/9/10, MOS 20 16:28:24.6, 1.4, 42:33N:76:51E, h12km, mb4.5/8, Error ellipse: s-maj=6.4km s-min=5.0km az=85.4, NEIC 20 16:28:26.8, 2.5, 42:30N:0.07:76:54E:0.05, h18km, 4km, mb4.4/9

KRNET 20 16:28:26.6, 0.1, 42:29N:76:46E, h21km, mb5.2, ISCJB 20 16:28:26.5, 0.3, 42:23N:0.02:76:51E:0.02, h25km, 2km, b4.3/28, MS3.6/17, Error ellipse: s-maj=2.7km s-min=2.4km az=163.6, NNC 20 16:28:26.2, 0.5, 42:31N:76:47E, h0km, mb5.3, mpv5.2, Error ellipse: s-maj=3.2km s-min=1.5km az=168.0, SOME 20 16:28:27.0, 42:32N:76:47E, h10km, MS4.0, KNET 20 16:28:27.3, 0.4, 42:33N:76:36E, h14km, 1km, ml4.3, Error ellipse: s-maj=3.4km s-min=2.0km az=75.0

ISC 20 16:28:26.2, 0.8, 42:30N:0.02:76:48E:0.01, h15km, 5km, n236, o1451/307, mb4.4/28, MS3.6/17, 75C-50D, Lake Issyk-Kul region

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

20d 16h

Table with columns for station code, frequency, and various signal quality metrics (e.g., SNR, SNR=38, SNR=46, etc.).

2013 SEP

Table with columns for station code, frequency, and various signal quality metrics (e.g., SNR, SNR=38, SNR=46, etc.).

1098

Table with columns for station code, frequency, and various signal quality metrics (e.g., SNR, SNR=38, SNR=46, etc.).

Table of astronomical observations for 1099, listing station names (e.g., SONAO, SONM), station codes, station names, station coordinates, and observation results (e.g., 21.76 65 P P).

Table of astronomical observations for 2013 SEP, listing station names (e.g., PTBC, OCAC), station codes, station names, station coordinates, and observation results (e.g., 16 56 23.6).

Table of astronomical observations for 20d 17h, listing station names (e.g., KAPI, KAPI), station codes, station names, station coordinates, and observation results (e.g., 9.77 228 P Pn).

20d 17h

Table of astronomical observations for 20d 17h, listing stations like STKA, MAJO, MJAR, etc., and their associated parameters and coordinates.

2013 SEP

Table of astronomical observations for 2013 SEP, listing stations like ABKAR, ARU, RAYN, etc., and their associated parameters and coordinates.

1100

Table of astronomical observations for 1100, listing stations like G001, NNA, PBO8, etc., and their associated parameters and coordinates.

Table with columns: DBOC, Borkca, 1.77 281, i P, IAML\_P, Pb, 17 50 01.8 +0.1. Includes stations like Borkca, Lac, Batumi, Horasan, Digorsko uzhe, Lagodekhi, Koprakoy-ERZUR, Komgaron, Karacaban, Botlikh, Neytrino, Groznyy.

ANF 20 18:05:44.5±0.4, 32°25'N, 115°24'W, h15km, ML3.0/13, Error ellipse: s-maj=3.8km s-min=1.9km az=22.0. ISCB 20 18:05:45.7±0.4, 32°25'N, 115°23'W, h2.0, h26km, 3km, Error ellipse: s-maj=4.0km s-min=3.1km az=23.7.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Mexicali, UABC Campus M, Mount Signal, Ermitas Place, Coachella, Westside Schoo, Yuhua Desert, Ermitas Place, La Rumorosa.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like In-Ko-Pah, Jac, Sam W. Stewart, Glamis, Glamis, Cartto Plain, Canebrake, San Pedro Mart.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cerro Bola, Cerro Bola, Cerro Bola, Tijuana, Barrett, Mohawk Valley, Big Chuckawall.

BUC 20 18:08:55.0±0.3, 45°74'N, 26°59'E, h96km, 3km, ml3.5/38, 67C-51D, Error ellipse: s-maj=2.1km s-min=1.8km az=45.0, Romania

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Plostina, Vrnicioaia, Bisoca, Dobesti, Petresti, Muntele Rosu, Istrita, Tescani, Dopper, Pogoneale, Birlad, PLOIESTI, Arges, Giurgulesti, Carcaliu, Amara, Bicaz, Lehliu, Harsova, Arges, Bucharest, Topalu, Singureni, Iasi, Humele, Cernavoda, Targu, Ion Corvin, Copaceanca, Milesti Mici, Lotru, Murfatar, MFRTR, Bucovina Array, Constanta Port, Balgarevo, Soroca, Gura Zlata, Elena, Elena, DRGR.

WEL 20 18:09:20.9±0.3, 41°53'N, 17°46'E, h5km, M3.9/24, ML4.1/13, MLV3.9/24, Error ellipse: s-maj=0.0km s-min=0.0km az=155.0, Cook Strait

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Tuamarina, Tory Channel, Cape Campbell, Blackbirch Sta, Cannon Point, Neilson, Moikau Station, Palliser, Otaki Farm, Mtouh Morrison, Tophouse, Kahutara, Mangatainoka R, Tintock, Quartz Range, Ohakera, Port Office Ro, Birch Farm, Gzeta Valley S, Dannevirke, Denniston Nort, Takarua Road, Lake Taylor, Pukenui, Moawhonga, Black Hill Sta, Okains Bay, Inzichbonnie, MoQueen's Vall, Kaweka Forest, Waitaha Valley, Kaitake Peaks, Rimuhau, Urewera, Fox Glacier, Matawai, Kaitake Peaks, Benmore, Otahua Downs, Te Kaha, Jackson Bay.

IDC 20 18:15:57.0±12.0, 16°94'S, 166°86'E, h0km, mb4.2/4, mb1.4/3.5, mb1mx3.8/4.5, mb1mx4.2/5, ML3.9/1, Error ellipse: s-maj=221.8km s-min=35.5km az=66.0.

NEIC 20 18:15:58.3±2.6, 17°15'S, 0°51'W, h10km, 6km, mb4.5/10, ISCB 20 18:15:59.1±0.7, 17°12'S, 0°05'W, h25km, mb3.9/4, Error ellipse: s-maj=12.0km s-min=7.3km az=162.2.

ISC 20 18:16:00.7±0.9, 17°06'S, 0°08'W, h25km, 22.5, 1917/26, mb4.4/8, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Mare, Loyalty, Mont Dzumac, Ouen Toro, Pines Island, Armadale, Starters Tower, Black Stump Fm, Moikau Station, Stephens Creek, Warramunga Arr, Alice Springs, Alice Springs, Alice Springs, Fitzroy Crossi, Fitzroy Crossi, Midway, South Pole Qui.

PGC 20 18:26:33.4±0.4, 48°78'N, 129°15'W, h10km, MLN3.0/23, Mw3.6/23, 239km west of Tofino, Bc Vancouver Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NEPTUNE Canada, ODP1027, ODP889, Brooks Peninsula, Eliza Dome, Nootka, Holberg, Maynard, Tofino, Woss, Port Hardy, Telegraph Cove, Mount Ozzard, Buttle Lake, Bamfield, Campbell River, Port Alberni, Mount Grey, Olym-Cheeka Pk, Port Renfrew.



20d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TXB, YOB, GHN, B92, etc.

PGC 20:18:54:05.2:3.0:50.94N-130.62W, h10km, MLN3.1/13, Mw3.7/13, 219km Wsw of Bella Bella, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HOLB, HOLB, HGB3, etc.

DJA 20:19:02:31.3:0.7:0.0S:5.12E:1.1, h70km, M3.8/10, mb3.9/3, MLv3.7/10, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LUWI, LUWI, SANI, etc.

IDC 20:19:29:10.7:11.0, 28.92N:51.56E, h0km, mb3.9/3, mb1.3/9.4, mb1mx3.4/40, mbtmp3.9/4, ML3.1/1, M53.5/3, Ms1.3/5.3, ms1mx2.9/44, Error ellipse: s-maj=219.9km s-min=51.4km az=92.0

ISCJB 20:19:29:11.5:0.3, 29.08N:0.03:51.30E:0.03, h10km, Error ellipse: s-maj=4.9km s-min=3.2km az=43.1

THR 20:19:29:12.7:29.27N:51.41E, h5km, ML3.3

TEH 20:19:29:13.3:29.26N:51.34E, h10km, ML3.5

OMAN 20:19:29:22.8:0.5, 28.48N:51.21E, h36km, ml5/2, Error ellipse: s-maj=11.2km s-min=1.5km az=285.0

ISC 20:19:29:13.0:0.7, 29.11N:0.04:51.32E:0.04, h10km, n59, a180/63, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IKAZ, IKAZ, ISRV, etc.

2013 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WHFO, DMTO, DMTO, etc.

TIF 20:19:30:42.0:42.45N:42.11E, h25km, 4km

ISK 20:19:30:42.7:42.34N:42.27E, h5km, ML2.2/1

DSS 20:19:30:45.1:42.12N:42.07E, h7km, 4km, ML2.7

ISC 20:19:30:41.2:2.4, 42.40N:0.1:42.02E:0.10, h2km, 14km, n14, c049/21, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TKB, TKB, BATM, etc.

DBAD Bademkaya 1.42 190 P Pb 19 31 08.5 0.0

AKH Akhalkalaki 1.50 132 PN Pp 19 31 09.6 -0.2

DDM Demirkent 1.54 188 i P Pp 19 31 10.9 +0.2

BUI 20:19:52:22.7:0.0, 18.89N:145.75E, h239km, mb4.6/43, mB4.8/34

MOS 20:19:52:26.8:0.8, 19.03N:145.35E, h255km, mb4.9/33, Error ellipse: s-maj=10.2km s-min=5.6km az=105.5

NEIC 20:19:52:26.9:1.2, 19.02N:0.07:145.35E:0.09

GCMT 20:19:52:27.9:0.2, 19.09N:0.01:145.50E:0.02, h239km, 2km, MW5.2/10, Moment Tensor Solution, s52.65; s110.215; Duration: 0. Moment tensor: Scale 1016Nm; Mw4.25; 17; Mw-1.63; 15; Mw-2.62; 17; Mw-1.97; 15; Mw-4.49; 14; Mw-2.95; 17; Best double couple: M6.8200000; NP2.287.00000; S51.00000; S40.00000; Principal axes: T 6.9170, P1653.00000; Azm133.00000; N -0.1940, P1637.00000; Azm324.00000; P -6.7230, P165.00000; Azm230.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 20:19:52:40.6:19.02N:145.37E, h248km, 5km, mb4.3/34, s-maj=10.3km s-min=6.7km az=86.0

ISC 20:19:52:26.5:0.3, 19.04N:0.03:145.40E:0.05, h238km, 2km, h239km, pP:2.6, n1682, e193/757, mb4.9/216, 15C-D7, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SARN, ANAZ, GUMO, etc.

1102

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KRSR, KRSR, KSAR, etc.

1103

Table with columns for call sign (e.g., LZH, WR1, WRA), location (e.g., Lanzhou, Warramunga Arr), frequency (e.g., 40.23 304), and status (e.g., eP, P, pP).

2013 SEP

Table with columns for call sign (e.g., SHL, LSA, BILL), location (e.g., Shillong, Lhasa, Bilibino), frequency (e.g., 49.67 288), and status (e.g., eP, P, pP).

20d 19h

Table with columns for call sign (e.g., HDA, TOLK, AAK), location (e.g., Harding Lake, Toolik Lake Re, Ala-Archa), frequency (e.g., 63.37 27), and status (e.g., P, P, pP).

20d 19h

Table with columns for station ID, name, location, frequency, power, and other technical details. Includes stations like G03D, B05A, J01E, E04D, YKA, etc.

2013 SEP

Table with columns for station ID, name, location, frequency, power, and other technical details. Includes stations like AREO, WAKR, ASUD, WALA, etc.

1104

Table with columns for station ID, name, location, frequency, power, and other technical details. Includes stations like MURC, QLMT, HEC, YHL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Organ Pipe Nat, X16A, ISAL, O20A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like MNTX, KOLS, AMTX, TXAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like GCMT, LKWY, LKWH, etc.

Table with columns: HOLB, Station Name, Azimuth, Elevation, Phase, ID, ISC, h, Res, ISC

ISCJB 20:16:45.0-0.9, 49.98N, 179.33E, 0.1, h18km, 6km, mb4.9/190, MS4, 0/32, Error ellipse: s-maj=4.3km

BUIJ 20:16:45.0-0.0, 50.05N, 179.29E, h27km, mb4.9/59, mB5.3/36, Ms5.1/12, Ms7.4/8.11

MOS 20:16:45.6-0.8, 50.06N, 179.26E, h21km, mb5.1/65, Error ellipse: s-maj=6.8km s-min=6.2km az=106.7

GCMT 20:16:47.2-0.3, 50.12N, 179.22E, 0.04, h17km, 1km, MW5.0/99, Moment Tensor Solution, s41, c47, s99, c135, Duration: 0 Moment Tensor: Scale 1.69Nm, Mir-3.47E-19, Mw3.3/77, 15, Mw-0.302, 10, Mw1.913, 31, Mw0.42, 06, Mw1.13, 34, Best double couple: M=2.65600E+16

NP1: 253.00000, 6.1, 0.00000, 1.05, 0.00000, NP2: 0.1, 0.00000, 6.3, 0.00000, 1.6, 0.00000, Principal axes: 103.00000, Azm261.00000, P-4.2330, Plg70.00000, Azm130.00000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 20:16:48.5-1.3, 49.98N, 179.33E, 0.09, h30km, 3km, mb5.0/305, ML4.7(AEIC)

AEIC 20:16:48.1-1.3, 50.14N, 179.32E, 0.08, h26km, 2km, IDC 20:16:48.9-0.5, 49.98N, 179.29E, h32km, 3km, mb4.5/33, mb1 4.7/36, mb1mx4.6/51, mbtmp4.8/36, MLS.5/2, MS3.8/19, Ms1 3.8/19, ms1mx3.6/33, Error ellipse: s-maj=13.0km s-min=8.1km az=158.0

ISC 20:16:48.1-0.4, 49.95N, 179.32E, 0.04, h28km, 2km, h28km; p-P, n1079, o098N1158, mb5.0/301, MS4.0/32, 40C-28D, South of Aleutian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, ISC, h, Res, ISC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, ISC, h, Res, ISC

Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, ISC, h, Res, ISC

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, ISC, h, Res, ISC

1107

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other parameters. Includes stations like Vestal, Richgr, Holmes Hill, Mepherson Peak, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other parameters. Includes stations like Belle Mtn, Jos, Castle Valley, Red Mountain, etc.

20d 20h

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other parameters. Includes stations like XAN, XAN, XAN, etc.

20d 20h

Table with columns: WMOK, comp-Z, 6.0nm, 1.0s, pmax, pmax, 59.47, 71, P, P, 20 26 48.6 +0.1, etc.

2013 SEP

Table with columns: SFIN, Lafayette, 62.50, 59, P, P, 20 27 09.0 +0.1, etc.

1108

Table with columns: T47A, Sharon Grove, 64.85, 62, P, P, 20 27 24.4 0.0, etc.





20d 20h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HRA Herat, MORC Moravsky Berou, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PLOR Plostina, MORC Moravsky Berou, etc.

1110

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like VTS Vitoshka, MORC Moravsky Berou, etc.

ISCJB 20:18:02.8, 0.2, 3.39S, 0.04, 139.27E, 0.04, h27km, mb4, 1/6, MS3, 6/1, Error ellipse: s-maj=6.3km s-min=5.1km az=40.3

DJA 20:18:03.8, 0.6, 2.5, 13.9E, h84km, 5km, M4, 6/7, mb4.5/7, MLV4, 7/6

IDC 20:18:05.3, 5.0, 2.36S, 139.37E, h35km, 39km, mb3.9/7, mb1.4/1.8, mb1mx3.8/24, mbmp4.1/8, ML4.1/1, MS3.4/4, Ms1.3/4.4, ms1mx3.0/28, Error ellipse: s-maj=38.4km s-min=13.1km az=93.0

NEIC 20:18:06.6, 1.8, 2.41S, 0.09, 139.22E, 0.09, h44km, 4km, mb4.6/5.3

STC 20:18:04.1, 0.6, 2.30S, 0.06, 139.33E, 0.06, h27km, n68, s165/70, mb4.6/20, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Code GENI, WAMI, SRPI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pilsara Seismi, Stephens Creek, etc.

ISC/JB 20:21:06:07.8.0.6, 13:10N:01:08:143:79E:0:09, h138km, mb3.6/10, Error ellipse: s-maj=13.9km s-min=10.7km az=36.7

ISC 20:21:06:09.8.0.8, 13:14N:144:06E, h151km, 9km, mb3.4/10, mb1 3.6/11, mb1mx3.4/47, mbtmp3.9/11, Error ellipse: s-maj=27.3km s-min=12.6km az=93.0

ISC 20:21:06:09.1-0.7, 13:11N:01:143:9E:0:1, h138km, n12, mb3.8/2, mb3.6/10, South Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMU Guam, SIJI Sorong, etc.

ISC/JB 20:21:17:18.3:0.6.2:1:1N:01:45:52W:0:06, h15km, mb3.8/7, MS3.5/16, Error ellipse: s-maj=18.3km s-min=7.3km az=165.2

NEIC 20:21:17:19.3:1.6.2:1:1N:02:45:5W:0:1, h10km, 1km, mb4.4/20

ISC 20:21:17:19.1:2.2:1.5:1N:45:30W, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/43, mbtmp3.8/7, MS3.5/16, mb1 3.5/18, ms1mx3.4/43, Error ellipse: s-maj=33.3km s-min=29.0km az=178.0

ISC 20:21:20:6.0.7, 21:41N:01:45:53W:0:09, h15km, n61, s152/37, mb4.0/9, MS3.5/16, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANWB Willy Bob, FDF Fort de France, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, SGSI Sangihe, etc.

ISC/JB 20:21:06:07.8.0.6, 13:10N:01:08:143:79E:0:09, h138km, mb3.6/10, Error ellipse: s-maj=13.9km s-min=10.7km az=36.7

ISC 20:21:06:09.8.0.8, 13:14N:144:06E, h151km, 9km, mb3.4/10, mb1 3.6/11, mb1mx3.4/47, mbtmp3.9/11, Error ellipse: s-maj=27.3km s-min=12.6km az=93.0

ISC 20:21:06:09.1-0.7, 13:11N:01:143:9E:0:1, h138km, n12, mb3.8/2, mb3.6/10, South Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMU Guam, SIJI Sorong, etc.

ISC/JB 20:21:17:18.3:0.6.2:1:1N:01:45:52W:0:06, h15km, mb3.8/7, MS3.5/16, Error ellipse: s-maj=18.3km s-min=7.3km az=165.2

NEIC 20:21:17:19.3:1.6.2:1:1N:02:45:5W:0:1, h10km, 1km, mb4.4/20

ISC 20:21:17:19.1:2.2:1.5:1N:45:30W, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/43, mbtmp3.8/7, MS3.5/16, mb1 3.5/18, ms1mx3.4/43, Error ellipse: s-maj=33.3km s-min=29.0km az=178.0

ISC 20:21:20:6.0.7, 21:41N:01:45:53W:0:09, h15km, n61, s152/37, mb4.0/9, MS3.5/16, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANWB Willy Bob, FDF Fort de France, etc.

ISC 20:20:46:55.7:1.9, 51:56N:0:09:16:12E:0:06, h0km, n12, s046/24, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Ross, FIAO Finnesse Array S, etc.

PGC 20:21:36:52.8:0.4, 48:76N:129:19W, h10km, ML SN3.3/28, Mw3.9/28, 242km west of Tofino, Bc Vancouver Island, Canada Ridge

ISC/JB 20:21:36:54.3:0.6, 48:92N:0:03:128:85W:0:05, h10km, mb3.8/2, MS3.7/9, Error ellipse: s-maj=5.4km s-min=3.5km az=142.2

ISC 20:21:36:56.9:1.8, 49:05N:128:64W, h0km, mb3.8/2, mb1 4.0/9, mb1mx3.6/53, mbtmp3.8/9, ML3.5/6, MS3.6/16, s-min=10.2km az=64.0

ISC 20:21:36:52.9:0.9, 48:78N:0:04:129:12W:0:06, h10km, n75, s190/87, MS3.7/9, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KEMF NEPTUNE Canada, KEMF ODP1027, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, SONM Sogingo Array, ZALV Zalesovo Beam, etc.

PGC 2021:39:19.2.0.5, 48.79N, 129.10W, h10km, MLSn3.0/16, Mw3.6/16, 236km west of Tofino, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KEMF NEPTUNE Canada, EPBC Brooks Peninsu, EDB Eliza Dome, etc.

IDC 2021:47:23.9.27.0, 16.91S, 173.95W, h0km, mb4.1/4, mb1.4/2.4, mb1mx3.8/4.0, mbtmp4.1/4, Error ellipse: s-maj=505.8km s-min=155.2km az=74.0

ISCJB 2021:48:15.4.0.4, 16.35S:0.09:177.93W:0.08, h250km, Error ellipse: s-maj=14.0km s-min=7.8km az=143.0

NEIC 2021:48:17.6.2.2, 16.30S:0.07:177.9W:0.1, h257km, 9km, mb4.6/20

ISC 2021:48:16.8.0.6, 16.45S:0.1x177.87W:0.10, h250km, n31, 1510/11, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, PLWZ Palliser, WHZ Wether Hill Ro, etc.

ISCJB 2021:48:49.0.0.5, 18.70N:0.05:145.5E:0.1, h200km, mb3.8/16, Error ellipse: s-maj=19.5km s-min=7.5km az=1.2

IDC 2021:48:51.9.1.4, 18.62N:145.49E, h218km, 14km, mb3.6/16, mb1.3/8.18, mb1mx3.6/4.6, mbtmp4.2/18, Error ellipse: s-maj=17.4km s-min=9.2km az=85.0

ISC 2021:48:50.4.0.6, 18.67N:0.07:145.5E:0.2, h200km, n19, 15139/22, mb4.0/16, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUMO Guam, MJAR Matsushiro Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, DZM Mont Dzumac, ZALV Zalesovo Beam, etc.

JMA 2022:07:20.5.0.1, 37.22N:135.20E, h390km, M3.2, ISCJB 2022:07:22.0.0.7, 37.3N:0.1x135.35E:0.10, h365km, mb2.9/2, Error ellipse: s-maj=18.8km s-min=10.0km

IDC 2022:07:22.0.1.3, 37.39N:135.22E, h377km, 18km, mb2.7/2, mb1.2/8.5, mb1mx2.6/3.2, mbtmp3.4/5, Error ellipse: s-maj=31.6km s-min=23.5km az=46.0

ISC 2022:07:21.2.1.0, 37.4N:0.1x135.29E:0.08, h365km, n13, 15163/14, Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JOKI Yasaka, JUY OKI, JMT Wachi, etc.

ISCJB 2022:13:53.7.0.3, 44.08N:0.01:20.07E:0.01, h2km, 2km, Error ellipse: s-maj=1.6km s-min=1.6km az=57.4

TIR 2022:13:54.5.4, 44.01N:19.62E, h37km, Md2.8/4, PDG 2022:13:54.7.0.4, 44.04N:20.10E, h12km, ML2.7/11, Error ellipse: s-maj=0.5km s-min=0.9km az=0.0

BEO 2022:13:55.5.0.2, 44.05N:20.09E, h3km, 1km, ML2.6/19, SAR 2022:13:55.3.0.4, 44.03N:20.09E, h2km, ML2.8/1, PRU 2022:13:55.5.0.4, 44.12N:20.14E, h0km

ISC 2022:13:55.2.0.8, 44.05N:0.01:20.10E:0.01, h8km, 6km, n113, 15192/19, 25C-30D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DIVS Divivare, DIVS Divivare, TRUS Trudelj, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HERR Herculanee, BZS Buzias, BLBK Belogradchik, etc.

ROM 2022:15:47.1.0.1, 43.092N:0.003x12.905E:0.004, h16km, ML0.8/1, Error ellipse: s-maj=0.3km s-min=0.1km az=46.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CESI CESI - Serrava, CESI CESI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like CESI, FIU1, FDMO, etc.

IDC 20 22:24:32.6-23.0, 14'99S-171'78W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.8/37, mbtmp4.3/4, Error ellipse: s-maj=448.6km s-min=171.2km az=70.0, Samoa Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like STKA, WRA, ASAR, etc.

MEX 20 22:32:39.5-0.3, 16'20N-98'02W, h5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like PNIG, TLIG, GCG, etc.

BJI 20 23:01:57.9-0.0, 17'98N-145'84E, h76km, mb4.8/7, mb5.2/5

NEIC 20 23:02:03.9-1.7, 18'45N-0'08-145'5E, h1km, h85km, 5km, mb4.5/93

ISCJB 20 23:02:20.2-0.2, 18'31N-0'05-145'31E, h0.6km, h250km, mb3.9/21, Error ellipse: s-maj=8.0km s-min=6.0km az=19.7

IDC 20 23:02:23.1-3.5, 18'31N-145'53E, h270km, 34km, mb3.6/21, mb1 3.8/22, mb1mx3.7/34, mbtmp4.2/22, Error ellipse: s-maj=16.4km s-min=9.1km az=97.0

ISC 20 23:02:27.0-4.0, 18'20N-0'06-145'39E, h0.09, h250km, n124, s155/111, mb4.2/53, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GUMO, JHU2, PATS, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ASAR, SONM, CMAR, SEY, DZM, PSAC3, STKA, ZALV, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like SMCO, NOA, BRTR, LPAZ, etc.

MEX 20 23:07:35.1±0.8, 16'41N-98'41W, h20km, 57km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like PNIG, TLIG, ISCJB, etc.

ISCJB 20 23:08:49.9-0.2, 44'64N-0'01-6'72E, h0km, 3km, Error ellipse: s-maj=2.4km s-min=1.9km az=172.9

STR 20 23:08:50.7-0.2, 45'N-1'W, h0km, ML1/2, 1/6 ROM 20 23:08:50.4-0.3, 44'65N-0'00-6'77E, h0.02, h1km, 2km, ML1, 9/10, Error ellipse: s-maj=1.6km s-min=1.1km az=245.0

LDG 20 23:08:50.2-0.1, 44'65N-6'71E, h2km, Md2 6/2, Md2.3/21, Error ellipse: s-maj=1.4km s-min=1.0km az=66.0

ISC 20 23:08:50.6-0.9, 44'64N-0'01-6'74E, h0.02, h8km, 6km, n74, s1549/125, France

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like MBDP, SURF, OGAG, RRL, etc.



Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like DBIC, TIC, BDFB, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ARQ, SMDO, CAN, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ANTO, ANKA, ALN, etc.

20d 23h

Table with columns for station ID, name, elevation, and other data. Includes stations like W56A Indian Trail, V57A Coltrane Farms, U57A Blanch, etc.

2013 SEP

Table with columns for station ID, name, elevation, and other data. Includes stations like Q53A Leroy, L56A Greenwood, F59A Sait Guillaume, etc.

1116

Table with columns for station ID, name, elevation, and other data. Includes stations like SONM Songo Array, SONM ZAK Songo Array, W41B Gary Mavity, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Boulder Array, Pinedale Array, Edwards Air Fo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Harding Lake, Paxson, Indian Mountai, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KAPs Kapalarasan, KTBS Karatobe, etc.

ISCJB 21 00:51:05.6:0.7, 11:25S:0:07:75:52W:0:08, h10km, mb3.6/4, Error ellipse: s-maj=12.4km s-min=8.6km az=154.4



21d 1h

2013 SEP

1118

IDC 21 01:05:06.6.0.9, 11:35S;75.52W, h0km, mb3.7/4, mb1 3.9/7, mb1mx3.8/34, mbtm3.7/7, ML3.6/3, Error ellipse: s-maj=19.6km s-min=13.0km az=169.0

ISC 21 01:05:07.3.0.8, 11:33S;008.75:47W, h10km, n40, o157/37, mb3.7/4, Central Peru

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

plane solution: M1.44000\*1018 NP1.9s;113.77000, 3.37.12000, 1.40.89000, NP2.2s;238.39000, 8.66.73000, 1.19.78000, Principal axes: T 1.5112, Plg17.0000, Azm350.0000, N -0.1484, Plg27.0000, Azm251.0000, P -1.3628, Plg57.0000, Azm108.0000

ISC 21 01:39:15.5.0.2, 7:27S;119.95E, h550km, 1km, h551km; p-P, n1578, o1168/1864, mb5.6/226, 44C-33D, Flores Sea

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

DAV 92nm, 0.3s, baz=218, slow=20, SNR=2.2 S S 01 45 07.1 +0.5

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

IDC 21 01:20:14.1.2.2, 7:33S;144.09E, h0km, mb4.2/2, mb1 4.2/5, mb1mx3.8/31, mbtm4.0/5, ML3.0/1, Error ellipse: s-maj=35.7km s-min=32.4km az=46.0, Near south coast of New Guinea

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

UGM WanaGama 9.37 265 P 01 41 28.1 +1.0

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

BNI Bangkinang 20.32 291 P 01 43 16.1 +1.5

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

BUI 21 01:39:13.8.0.0, 7:30S;120.00E, h537km, mb5.7/85, mb5.6/66

MOS 21 01:39:14.7.1.0, 7:18S;119.96E, h548km, mb5.7/81, Error ellipse: s-maj=5.8km s-min=4.4km az=1.18

ISCJB 21 01:39:14.9.0.1, 7:30S;02.120:00E, h556km, 2km, mb5.7/178, Error ellipse: s-maj=3.0km s-min=2.3km az=42.2

NEIC 21 01:39:14.9.7.36S;120.06E, h550km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-1.01; M2:1.40; M3:-0.39; M4:0.42; M5:0.07; M6:0.84; Fault plane solution: M1.60000\*1018 NP1.9s;238.0000, 8.64.0000, 1.125.0000, NP2.2s;116.0000, 8.43.0000, 1.39.18000, Principal axes: T 1.4980, Plg12.0000, Azm353.0000, N 0.1286, Plg32.0000, Azm255.0000, 1.6265, Plg56.0000, Azm106.0000

GCMT 21 01:39:15.8.0.1, 7:25S;01.119:32E, 0.1, 1.551km, MW6.1/156, Moment Tensor Solution. Moment tensor: Scale 10^18 Nm; M1:-1.00; M2:1.34; M3:-0.34; M4:0.34; M5:0.09; M6:0.82; Best double couple: M1.54900\*1018 NP1.9s;238.0000, 8.66.0000, 1.122.0000, NP2.2s;114.0000, 8.40.0000, 1.40.0000, Principal axes: T 1.4960, Plg15.0000, Azm350.0000; N 0.1070, Plg29.0000, Azm252.0000; P -1.6020, Plg57.0000, Azm104.0000; nsta2 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s. Triangular moment-rate function

DJA 21 01:39:15.7.0.1, 7:25S;119.96E, h538km, 1km, M5.7/117, mb5.8/117, mb6.0/100, MLV6.4/31, Mw(mb)5.7/100, Mw5.8/7

IDC 21 01:39:15.7.0.3, 7:25S;119.96E, h546km, 3km, mb5.1/43, mb1 5.1/50, mb1mx5.1/51, mbtm6.0/50, Error ellipse: s-maj=6.9km s-min=5.2km az=48.0

NEIC 21 01:39:15.6.2.1, 7:33S;01.07:120.01E, h550km, 3km, mb5.7/164, Mw6.1, Mw6.0, Mw6.1, Mw6.1 (GCMT) Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-1.36; M2:-0.31; M3:0.54; M4:0.02; M5:0.83; Fault plane solution: M1.60000\*1018 NP1.9s;240.0000, 8.65.0000, 1.122.0000, NP2.2s;116.0000, 8.40.0000, 1.41.88000, Principal axes: T 1.4979, Plg10.0000, Azm114.0000; N 0.1538, Plg29.0000, Azm255.0000; P -1.6514, Plg57.0000, Azm106.0000

NEIC 21 01:39:15.7.51S;119.95E, h535km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-0.88; M2:1.30; M3:-0.42; M4:0.61; M5:0.16; M6:0.80; Fault plane solution: M1.59000\*1018 NP1.9s;238.0000, 8.63.94000, 1.124.0000, NP2.2s;114.0000, 8.39.48000, 1.34.87000, Principal axes: T 1.5245, Plg17.0000, Azm347.0000; N 0.1279, Plg31.0000, Azm247.0000; P -1.6524, Plg53.0000, Azm101.0000

KLM 21 01:39:17.0.7.31S;120.01E, h564km, mb6.1

NEIC 21 01:39:18.7.31S;120.09E, h561km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-1.05; M2:1.36; M3:-0.31; M4:0.54; M5:0.02; M6:0.83; Fault plane solution: M1.60000\*1018 NP1.9s;240.0000, 8.65.0000, 1.122.0000, NP2.2s;116.0000, 8.40.0000, 1.41.88000, Principal axes: T 1.4979, Plg10.0000, Azm114.0000; N 0.1538, Plg29.0000, Azm255.0000; P -1.6514, Plg57.0000, Azm106.0000

NEIC 21 01:39:18.7.51S;119.95E, h535km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-0.88; M2:1.30; M3:-0.42; M4:0.61; M5:0.16; M6:0.80; Fault plane solution: M1.59000\*1018 NP1.9s;238.0000, 8.63.94000, 1.124.0000, NP2.2s;114.0000, 8.39.48000, 1.34.87000, Principal axes: T 1.5245, Plg17.0000, Azm347.0000; N 0.1279, Plg31.0000, Azm247.0000; P -1.6524, Plg53.0000, Azm101.0000

NEIC 21 01:39:18.7.31S;120.09E, h561km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-1.05; M2:1.36; M3:-0.31; M4:0.54; M5:0.02; M6:0.83; Fault plane solution: M1.60000\*1018 NP1.9s;240.0000, 8.65.0000, 1.122.0000, NP2.2s;116.0000, 8.40.0000, 1.41.88000, Principal axes: T 1.4979, Plg10.0000, Azm114.0000; N 0.1538, Plg29.0000, Azm255.0000; P -1.6514, Plg57.0000, Azm106.0000

NEIC 21 01:39:18.7.51S;119.95E, h535km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-0.88; M2:1.30; M3:-0.42; M4:0.61; M5:0.16; M6:0.80; Fault plane solution: M1.59000\*1018 NP1.9s;238.0000, 8.63.94000, 1.124.0000, NP2.2s;114.0000, 8.39.48000, 1.34.87000, Principal axes: T 1.5245, Plg17.0000, Azm347.0000; N 0.1279, Plg31.0000, Azm247.0000; P -1.6524, Plg53.0000, Azm101.0000

NEIC 21 01:39:18.7.31S;120.09E, h561km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-1.05; M2:1.36; M3:-0.31; M4:0.54; M5:0.02; M6:0.83; Fault plane solution: M1.60000\*1018 NP1.9s;240.0000, 8.65.0000, 1.122.0000, NP2.2s;116.0000, 8.40.0000, 1.41.88000, Principal axes: T 1.4979, Plg10.0000, Azm114.0000; N 0.1538, Plg29.0000, Azm255.0000; P -1.6514, Plg57.0000, Azm106.0000

NEIC 21 01:39:18.7.51S;119.95E, h535km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M1:-0.88; M2:1.30; M3:-0.42; M4:0.61; M5:0.16; M6:0.80; Fault plane solution: M1.59000\*1018 NP1.9s;238.0000, 8.63.94000, 1.124.0000, NP2.2s;114.0000, 8.39.48000, 1.34.87000, Principal axes: T 1.5245, Plg17.0000, Azm347.0000; N 0.1279, Plg31.0000, Azm247.0000; P -1.6524, Plg53.0000, Azm101.0000

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

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



21d 1h

Table with 4 columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like MDJ, USA0B, USRKB, USRKB, USRKB, etc.

2013 SEP

Table with 4 columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like TLY, IRK, IRK, IRK, IRK, etc.

1120

Table with 4 columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like AAK, AAK, AAK, AAK, AAK, etc.



Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VNA3, VNA1, IMAR, YLVA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like SPA0, SPA0, SPA0, GZR, GZR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like GERES, GERES, GERES, GERES, etc.



21d 1h

Table with columns for station ID, name, time, and status. Includes stations like M47A Cromwell, L8A0 N Adams, B480 Bancroft, etc.

2013 SEP

Table with columns for station ID, name, time, and status. Includes stations like J59A Piesco, N53A Lisbon, K57A Sci Center, etc.

1124

Table with columns for station ID, name, time, and status. Includes stations like TZTN Tazewell, R54A Victor, ODNJ Ogensburg, etc.

1125

2015 SEP

21d 2h

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Power, and other parameters. Includes entries like V56A Mocksville, U57A Grand View Ac, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Power, and other parameters. Includes entries like 656A Williston, 557A Orange Park, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Power, and other parameters. Includes entries like CODC Agustn Codazz, OCAC Ocana, etc.



21d 2h

Table of astronomical observations for the 21-day 2-hour period. Columns include IVK, station name, magnitude, phase ID, time, and residual. Includes stations like Listvyanka, Bolshoye Golou, and Kabansk.

Summary table for the 21-day 2-hour period. Columns include Code, Station Name, Δ, AZ, Phase ID, ISC, Time, Res, and Residual. Includes entries for AZER, VANB, TYAN, etc.

2013 SEP

Main table of astronomical observations for 2013 September. Columns include station name, magnitude, phase ID, time, and residual. Includes stations like GEVA, AKDM, ADCV, etc.

1126

Table of astronomical observations for 1126. Columns include QZX, station name, magnitude, phase ID, time, and residual. Includes stations like QAZX, AZERBAI, etc.

Table of astronomical observations for 2013 SEP, columns include station name, time, magnitude, position, and other parameters.

Table of astronomical observations for 2013 SEP, columns include station name, time, magnitude, position, and other parameters.

Table of astronomical observations for 2013 SEP, columns include station name, time, magnitude, position, and other parameters.

21d 4h

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

SNET 21 03:21:49.5:1.2, 13:43N:90:57W, h16km, 8km, ML3.0
GCG 21 03:21:49.5:0.3, 13:46N:90:67W, h29km, 6km, MD3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ixapa, Moyuta, Fuego 3, Cerro Verde, etc.

IDC 21 03:25:40.2:2.0, 1'22N:125:77E, h0km, mb3.5/3,
mb1 3.8/3, mb1mx3.4/27, mbtmp3.6/3, Error ellipse:
s-maj=175.1km s-min=25.4km az=65.0, Northern
Molucca Sea

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

DJA 21 03:40:21.5:0.9, 1'S:4:12'0E, h227km, 11km, M3.6/7,
ML3.6/7, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ampana, Tana Toraja, Luwuk, etc.

IDC 21 03:55:29.6:0.9, 2:37N:128:38E, h0km, mb3.8/7,
mb1 4.0/7, mb1mx3.7/34, mbtmp3.9/7, Error ellipse:
s-maj=59.3km s-min=15.8km az=81.0

ISCJB 21 03:55:43.0:6.2, 3:7N:107:128.6E:0.2, h150km,
mb3.8/6, Error ellipse: s-maj=25.7km s-min=9.6km
az=175.3

NEIC 21 03:55:45.5:0.3, 2:3N:0:1:128:6E:0.2, h150km, 13km,
mb4.0/5

ISC 21 03:55:45.6:0.9, 2:3N:0:1:128:6E:0.2, h150km, n15,
a0548/13, mb3.8/6, Malahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ternate, Fitzroy Crossi, Warramunga Arr, etc.

KRNET 21 04:02:36.2:0.1, 42:33N:75:97E, mb1.7, 6C, Lake
Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Boomsokoye usch, ULHL, etc.

KRNET 21 04:03:34.0:0.1, 41:92N:76:18E, h17km, mb3.4
NNC 21 04:03:34.7:0.5, 41:96N:76:17E, h0km, mb4.0, mpv3.9,
Error ellipse: s-maj=3.0km s-min=1.6km az=174.0

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ISC 21 04:03:34.9:1.1, 41:98N:0:02:76:16E:0:02, h6km, 9km,
n78, a117/136, 40C-33D, Kyrgyzstan-Xinjiang border
region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL, BOOM, NARN, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, SGDS, EKS2, etc.

IDC 21 04:03:30.6:2.0, 36:18N:141:35E, h0km, mb3.7/4,
mb1 3.7/5, mb1mx3.5/32, mbtmp3.6/5, ML2.6/1, MS2.5/1,
Ms1 2.5/1, ms1mx2.4/27, Error ellipse: s-maj=53.0km
s-min=28.2km az=51.0

ISCJB 21 04:03:35.9:0.9, 36:36N:0:04:141:15E:0:07, h36km, 9km,
mb3.7/4, Error ellipse: s-maj=10.2km s-min=5.8km az=6.7

JMA 21 04:03:36.2:0.1, 36:35N:141:08E, h45km, 2km, M3.3

ISC 21 04:03:35.2:1.5, 36:36N:0:04:141:20E:0:07, h26km, 10km,
n22, a117/126, mb3.6/4, Near east coast of eastern
Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONAJ, JYT, JMT, JSFK, etc.

ISC 21 04:32:46.51.2.2, 2.24N-84.58W, h0km, mb3.7/7, mb1.4/1.9, mb1mx3/2.8, mbtmp3.9/9, ML4.0/2.0, MS3.3/6, M1.3/3.6, ms1mx3/3.55, Error ellipse: s-maj=51.9km s-min=19.7km az=50.0

ISCJB 21 04:32:49.0.0.8, 2.29N-0.07W, 84.54W, 0.05, h35km, mb3.6/7, MS3.3/3, Error ellipse: s-maj=11.5km s-min=4.9km az=28.9

NEIC 21 04:32:51.4.1.8, 2.26N-0.09W, 84.56W, 0.1, h37km, 8km, mb4.3/12

ISC 21 04:32:50.9.0.8, 2.24N-0.09W, 84.6W, 0.1, h35km, n76, s1564/71, mb4.0/11, MS3.1/3, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations in America like TUMC, OTAV, BBAC, etc.

JMA 21 05:02:55.9.0.2, 2.27N-141.14E, h100km, mb3.8/6, Error ellipse: s-maj=12.4km s-min=6.6km az=140.3

JMA 21 05:02:55.9.0.2, 2.27N-141.14E, h127km, M4.2 JMA Felt J1

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:55.0.0.9, 2.723N-109.4112E, 0.1, h100km, n12, s080/16, mb3.8/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Bonin Islands region like CBJ, CJ, JCH, etc.

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WR1, WRA, etc.

SNET 21 04:54:21.8.1.4, 11.95N-87.37W, h142km, 85km, ML2.8 ISCJB 21 04:54:24.0.2.0, 12.8N-0.2-87.03W, 0.08, h169km, 18km, Error ellipse: s-maj=29.3km s-min=9.1km az=17.1

UCR 21 04:54:23.0.8.12, 81N-87.09W, h170km, 9km, MWV.2 ISC 21 04:54:25.5.2.6, 12.8N-0.1-87.06W, 0.07, h162km, 20km, n10, s133/13.3D, Near coast of Nicaragua

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

NEIC 21 04:57:17.0.7.3, 37.884N-0.010N-121.995W, 0.007, h15km, 1km, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations in Central California like CRBC, CGBP, etc.

ISCJB 21 05:02:53.6.0.7, 2.728N-107.141, 14E, 0.08, h100km, mb3.8/6, Error ellipse: s-maj=12.4km s-min=6.6km az=140.3

JMA 21 05:02:55.9.0.2, 2.27N-141.14E, h127km, M4.2 JMA Felt J1

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:55.0.0.9, 2.723N-109.4112E, 0.1, h100km, n12, s080/16, mb3.8/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Bonin Islands region like CBJ, CJ, JCH, etc.

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations in Taiwan like BUKZ, BKZ, etc.

JMA 21 05:00:09.2.0.2, 2.2501N-123.62E, h34km, M2.0, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Northeast of Taiwan like IRIF, JISG, etc.

TAP 21 05:00:12.1.2, 24.17N-121.70E, h6km, ML2.8, C, Taiwan

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

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

ISC 21 05:02:56.3.0.5, 2.73N-142.03E, h125km, 19km, mb3.6/6, mb1.3/7.7, mb1mx3/3.54, mbtmp4.0/7, Error ellipse: s-maj=165.3km s-min=16.9km az=85.0

Table with columns: WHP, Taichung City, 0.70 279 eP, Pb, 05 50 26.9 +0.2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: CHMN, Cheshme madani, 1.46 14 ePg, IAmB, Pn, 06 28 12.5 +1.2, etc.

JMA 21 05:55:35.7, 0.1, 26.91N, 142.83E, h107km, M3.5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: CHMN, Cheshme madani, 1.46 14 ePg, IAmB, Pn, 06 28 12.5 +1.2, etc.

DJA 21 05:56:18.2, 0.4, 3'S, 2.2'x12.7'E, h12km, 3km, M4.4/13, mb4.6/12, MLv4.3/3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: CHMN, Cheshme madani, 1.46 14 ePg, IAmB, Pn, 06 28 12.5 +1.2, etc.

NNC 21 06:20:54.8, 5.3, 36.78N, 70.74E, h43km, 261km, mb3.8, mpv3.7, 3C-2D, Error ellipse: s-maj=52.1km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: CHMN, Cheshme madani, 1.46 14 ePg, IAmB, Pn, 06 28 12.5 +1.2, etc.

WEL 21 06:18:38.7, 40'S, 117.5'E, h29km, 3km, M3.3/37, ML3.5/29, MLv3.3/37, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

WEL 21 06:18:38.7, 40'S, 117.5'E, h29km, 3km, M3.3/37, ML3.5/29, MLv3.3/37, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

WEL 21 06:18:38.7, 40'S, 117.5'E, h29km, 3km, M3.3/37, ML3.5/29, MLv3.3/37, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BOOM, ABKAR, CTD, AKTO, BR10, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NEIC 21 06:38:05.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like s-min=6.5km, NEIC 21 06:43:10.3, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Alice Springs, Lajitas Array, Pinedale Array, etc.

MEX 21 06:43:34.5-0.8, 16.96N-94.75W, h128km, bkm, MD3.7, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Matias Romero, Huatulco, Vista Hermosa.

ROM 21 06:45:37.2-0.3, 43.549N-010:13.74E, 0.02, h9km, ML1.9/11, Error ellipse: s-maj=1.8km s-min=0.8km az=25.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ancona, Pietralacroce, Marolino, Civitanova Mar, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CING, GUMA, EL6, etc.

ISCJB 21 06:45:42.5-1.3, 6.1S:0.1, 151.9E:0.2, h41km, mb4.0/4, MS3.1/1, Error ellipse: s-maj=28.2km s-min=7.2km az=28.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Keravat, Port Moresby, Warramunga Array, etc.

ISC 21 06:45:44.0-1.2, 6.1S:0.1, 151.9E:0.2, h41km, n9, 1332/11, mb4.0/4, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Keravat, Port Moresby, Warramunga Array, etc.

ISCJB 21 06:46:26.8-0.5, 43.59N:0.05, 13.67E:0.05, h9km, 4km, Error ellipse: s-maj=8.9km s-min=3.9km az=144.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ancona, Pietralacroce, Marolino, Civitanova Mar, etc.

ISC 21 06:46:26.9-0.9, 43.55N:0.04, 13.70E:0.04, h12km, 6km, n17, 0564/22, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Ancona, Pietralacroce, Marolino, Civitanova Mar, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EL6, CSP1, SNTG, etc.

ISCJB 21 06:58:07.9-2.0, 51.40N:158.53E, h46km, 25km, ML5.6, FELT (I) at lighthouse Kruglyj; (IV) at GMS Vodopadnyj; (III) at Vilichinsk, Ribachy, Severo-Kurisk, Vulkanry, Elizovo, Korjak; (II-III) at state-farm Termaliny, Paratunka, Petropavlovsk; (II) at Nikolaevka, Pionersky, Sosnovka.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Dugi Otok, Novalja, Zirje, etc.

NEIC 21 06:58:14.6-1.8, 51.79N:0.07, 157.9E:0.1, h85km, 4km, mb4.9/340

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUS, PAU, MTRV, etc.

ISC 21 06:58:12.3-0.8, 51.61N:0.04, 158.16E:0.04, h69km, 6km, n1013, 1910/948, mb4.9/254, 18C-8D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUS, PAU, MTRV, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like PEAOB, PETK, PETK, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like HIA, HIA, KRSR, KRSR, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like GTA, GTA, ZAA1, ZAA1, etc.





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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like H141, E51A, D52A, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like OLIL, N49A, W39A, etc.

21d 6h

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

21d 6h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Offset. Includes stations like H64A Troy, O55A Ligonier, P54A Burto, L59A Walton, L59A Walton, OXF Oxford, SNF Senefle, R52A Cattlettsburg, M58A Price's Panora, Q53A Leroy, U49A Red Boiling Sp, BMRD Maredous, BMRD Maredous, SSPA Standing Stone, SSPA Standing Stone, T50A Nancy, GZR Gura Zlata, MCWV Mont Chateau, O56A Blue Knob Stat, O56A Blue Knob Stat, N57A Milroy, H65A Eastbrook, S51A Beattyville, CLTN Cedars of Leba, J62A Henniker, V48A Smith Brothers, P55A Reedsville, Q54A Cocks Mills, BZS Buzias, M59A Waymart, MOA Mollin, DOU Dourbes, DOU Dourbes, R53A Hurricane, S52A Salversville, L60A Shokan, N58A Sunbury, N58A Sunbury, L61A Hillsdale 1, H, ARSA Arzberg, T51A Gray, O57A Amberson, Q55A Buckhannon, U50A Jamestown, V49A McMinville, P56A Dayton Farm, R, N59A State Game Lan, N59A State Game Lan, M63A Dunstable, M60A Port Jervis, R54A Victor, T52A Hallie, T52A Hallie, Q56A Snyder Ridge, PAGES Pennsylvania G, HRV Adam Dzewonsk, HRV Adam Dzewonsk, HRV Adam Dzewonsk, HRV Adam Dzewonsk, O58A Lewisberry, W49A Belvidere, MDVR Moldovita, U51A La Follie, N60A Cedar Hill Far, P57A Homestead Farm, S54A Dingess, Beckl, O59A Robesonia, SWET Sewanee, TZTN Tazewell, TZTN Tazewell, V50A Pikeville, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, M61A Keskin Array B, M61A Granite Spring, R55A Marlinton, R55A Marlinton, X48A Hartsele, T53A Wise, SOKA Soboth, PERS Pernice, O57A Strasburg, BFO Black Forest, BFO Black Forest, KBA Koelbreinsper

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Offset. Includes stations like U52A Thorn Hill, P58A Pank, Wackersv, KALN Louden, V51A Louden, V51A Louden, R56A Bull Pasture M, PAL Palisades, PAL Palisades, W50A Signal Mount, W50A Signal Mount, S55A Lewisburg, WATA Walderalm, L63A North Scituate, OBKA Obir, RETA Cooper Cave, WTTA Wattenberg, CPCT Cooper Cave, T54A Tazewell, P59A Jarrettsville, MYKA Terra Mystica, ECH Echery, ECH Echery, ECH Echery, Q58A Fox D Farm, V52A Sevierville, V52A Sevierville, PTJ Puntjarka, W51A Cleveland, U53A Fall Branch, L64A Middleborough, FPAL Fort Paine, ABTA Abfaltersbach, R57A Stanardsville, T55A Pulkaki, U54A Nelsons Funny, U54A Nelsons Funny, M64A Tiverton, O61A Allentown, S56A Natural Bridge, DAVA Damuels, BLA Blacksburg, BLA Blacksburg, V49A Blount Mountain, FETA Feichten, R58A Rapidan, ASAR Alice Springs, ZAIG Zacatecas, W52A Wazawa, V53A Saluda, STAL STALCIAL, JLD Les Platons, U55A TA2, Sparta, JOE Queens East, GBRS Gornja Briga, LRLAL Lakewiew Retire, R58B Mineral, W53A Cullowhee, VTS Vitohsa, VTS Vitohsa, V54A Nebo, R59A King George, V, X52A Dahlonega, Y51A Rockmart, S58A Poland Farm, P, T57A Hur, T57A Hur, BG3 Lake Jocassee, CTI Castel Tesino, U56A King, Z50A Ashland, Z50A Ashland, V55A Taylorsville, CLF Chambon-Foret, S59A Mechanicsville, X53A Estanollee, W54A Cherokee View, T58A Grand View Acr, Z51A Franklin, U57A Blanch, Y52A Liburn, V56A Mocksville, V56A Mocksville, NVLJ Nowajki, KMSC Kings Mountain, KMSC Kings Mountain, X54A Belton, KJV Kijevo, Y53A Monroe, Y53A Monroe, V57A Coltrane Farms

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and Offset. Includes stations like T59A Double "B" Far, U58A Oxford, SSF Saint Saulge, SSF Saint Saulge, Z52A Williamson, Z50A Grady, W56A Indian Trail, MORI Morici, DUGI Dugi Otok, V58A Windy Hill, Pi, V58A Windy Hill, Pi, V58A Tignal, V54A Waverly Hall, Z53A Monticello, U59A Littleton, ZIRJ Zirje, BRAL Brewton, W57A Gilead, PDG Podgorica, X56A White Oak, U60A Breton, Y55A Saluda, Y59A Middlesex, Z54A Sparta, 153A Fox Valley, LPL La Plagne, LPL La Plagne, 252A Lumpkin, W58A Raeford, X57A Johnson Farm, ZCCA Zocca, ZCCA Zocca, Z55A Blythe, V60A Jim Taylor Roa, V60A Jim Taylor Roa, MFF Saint Martin, MFF Saint Martin, 154A Montreux, 352A Blakely, X58A Rowland, X58A Rowland, CNNC Cliffs of the, BNI Bardonecchia, MSSA Maissana, MSSA Maissana, 155A Kite, W60A Pink Hill, X59A McDuffie Farm, SSB Saint Sauveur, 254A Abbeville, Y58A Scranton, 353A Canilia, Z57A Bowman, OSSC Osservatorio P, X60A Albert Glenn T, 156A Sylvania, NRCA Norcia, PMOR Pomarioro Re, TIGA Titon, Y59A Lot, 255A Hazlehurst, 453A Whigham, CAF Calviac, CAF Calviac, LATE Matera, MATE Matera, PPT Papeete, PPT Papeete, PPT2 Papeete2, 557A Orange Park, TIP Timpagrande, ITM Ithomi, STKA Stephens Creek, STKA Stephens Creek, STKA Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, TBI Tubau, ESDC Sonseca Array, ESDC Sonseca Array, KEST Kesra, RPZ Rata Peaks, TORD Torodi Ar, Bea, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, MAW Mawson, MAW Mawson, BOSA Boshof, BOSA Boshof, BDFB Brasilia, BDFB Brasilia, QSPA South Pole UK, QSPA South Pole UK

Table with station names (PLCA Paso Flores, etc.), coordinates, and time/residual data.

Code Station Name Δ° AZZ Phase ID Time Res

Table with station names (GO03 Copiap, etc.), coordinates, and time/residual data.

SOME 21 07:03:03.8, 42.10N-80.80E, h0km, Kyrgyzstan-Xinjiang border region

Table with station names (UZB Uzynbulak, etc.), coordinates, and time/residual data.

ISCJB 21 07:03:11.9±0.3, 42.67N±0.02±75.67E±0.02, h0km, Error ellipse: s-maj=2.9km s-min=2.3km az=159.4

Code Station Name Δ° AZZ Phase ID Time Res

Large table with station names (TKM2 Tokmak 2, etc.), coordinates, and time/residual data.

Code Station Name Δ° AZZ Phase ID Time Res

Table with station names (WRA Warramunga Arr, etc.), coordinates, and time/residual data.

ISCJB 21 07:11:14.9±0.5, 22.94S±0.06±66.64W±0.05, h222km, Error ellipse: s-maj=8.3km s-min=5.6km az=20.8

Code Station Name Δ° AZZ Phase ID Time Res

Table with station names (HJA Humahuaca, etc.), coordinates, and time/residual data.

ISCJB 21 07:12:57.3±0.4, 41.89N±0.06±78.18E±0.05, h0km, Error ellipse: s-maj=9.0km s-min=4.1km az=154.1

Code Station Name Δ° AZZ Phase ID Time Res

Large table with station names (PRZ Przheval'sk, etc.), coordinates, and time/residual data.

Table with station names (DJR Jarkent, etc.), coordinates, and time/residual data.

Code Station Name Δ° AZZ Phase ID Time Res

Table with station names (ISCJB 21 07:15:52.1±0.8, etc.), coordinates, and time/residual data.

Code Station Name Δ° AZZ Phase ID Time Res

Large table with station names (KUR07 Kurchatov Arra, etc.), coordinates, and time/residual data.

Table with columns: ID, Name, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes stations like G001 Chusmiza, PB11 IPOC Station P, PB12 IPOC Station P, etc.

Table with columns: ID, Name, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes stations like GUY2C Guyana, SPBC San Pablo de B, RUSC La Rusia, etc.

Table with columns: ID, Name, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes stations like NV01 Mina Array Sit, NVAR Mina Array B, NVAR comp=Z,1.6nm,0.9s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

ICD 21 07:35:00.9-1.1, 37.83N-21.06E, h0km, mb3.9/1, mb1 3.8/16, mb1mx3.7/43, mbtmpp3.7/16, ML3.8/5, MS3.5/2, Ms1 3.5/2, ms1mx2.7/37, Error ellipse: s-maj=19.9km

ATH 21 07:35:04.0, 37.75N-21.04E, h31km, 1km, ML3.7/5, Error ellipse: s-maj=2.2km s-min=1.2km az=190.0

THE 21 07:35:05.0, 37.77N-21.07E, h0km, 1km, ML3.6/10, Error ellipse: s-maj=1.4km s-min=0.5km az=264.0

NEIC 21 07:35:06.6, 1.6, 37.70N-0.05-21.02E, 0.02, h26km, 5km, ISC 21 07:35:05.1-0.7, 37.76N-0.03-21.02E, 0.02, h26km, 5km, n162, n126/192, mb3.9/15, 7C-8D, Southern Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

ISCJB 21 07:45:00.9-0.6, 36.58N-0.07-5.12E, 0.07, h19km, Error ellipse: s-maj=12.7km s-min=5.0km az=36.8

MDD 21 07:45:01.6-0.6, 36.47N-5.14E, h0km, mb3.7/8, Error ellipse: s-maj=11.2km s-min=5.7km az=46.0, PRXIMO

CRAAG 21 07:45:01.6, 36.39N-5.33E, M12.9, ISC 21 07:45:00.6-1.0, 36.58N-0.06-5.31E, 0.05, h19km, n16, e234/22, Northern Algeria

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

ISCJB 21 08:33:01.4-1.2, 13.06S-0.05-167.01E, 0.07, h213km, 13km, mb4.0/16, Error ellipse: s-maj=11.3km s-min=7.6km az=152.7

NEIC 21 08:33:01.7, 1.4, 13.01S-0.09-167.0E, 0.1, h202km, 6km, mb4.6/31

IDC 21 08:33:02.6-2.5, 13.06S-166.96E, h208km, 22km, mb3.8/16, mb1 3.9/17, mb1mx3.8/34, mbtmpp4.3/17, Error ellipse: s-maj=18.5km s-min=12.2km az=98.0

ISC 21 08:33:01.4, 1.5, 13.04S-0.07-167.05E, 0.10, h199km, 13km, n75, e087/82, mb4.4/31, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

21d 9h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Alice Springs, Moose Creek, Talbot Arm, Granite Creek, etc.

ISCJB 21 08:40:46.1±0.3, 60°17'N, 0°02:141.08W±0.03, h14km±2km, Error ellipse: s-maj=3.4km s-min=2.2km az=25.9

NEIC 21 08:40:47.0±1.7, 60°15'N, 0°01:17.00W±0.02, h13km±2km

ISC 21 08:40:47.0±0.8, 60°15'N, 0°01:17.00W±0.02, h15km±5km, n107, r1801/157, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Chax Hills, Samovar Hills, Rock Avalanche, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Moose Creek, Talbot Arm, Granite Creek, Haines Junction, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like San Martin de, Villavicencio, Prado, etc.

MEX 21 09:06:59.5±0.5, 15°41'N-94°93'W, h16km±5km, MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Huatulco, Matias Romero, Vista Hermosa, etc.

SVSA 21 09:19:33.1±0.5, 39°05'N-29°51'W, h5km, MD3.6, ML2.3, Error ellipse: s-maj=9.3km s-min=5.3km az=43.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cedros, Candalaria, Rosais, etc.

SJA 21 09:40:20.8±0.6, 17°18'S-69°08'W, h208km±4km, ML3.5, MW3.5

ISCJB 21 09:40:22.4±0.9, 17°26'S, 0°07:69', 1W:0.1, h197km±6km, mb3.3/1, Error ellipse: s-maj=22.1km s-min=8.2km az=26.1

GUC 21 09:40:23.8±0.8, 17°25'S-69°03'W, h185km±7km, ML3.7, IDC 21 09:40:25.5±2.6, 16°16'S-68°9'W, h197km±6km, mb3.2/1, mb1.3/2/1, mb1mx2.9/23, mbmt3.7/1, Error ellipse: s-maj=122.2km s-min=59.3km az=156.0

ISC 21 09:40:22.8±1.1, 17°26'S-0°07:69'W±0.1, h192km±8km, n28, r0996/40, 2C-10D, Peru-Bolivia border region

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

RSNC 21 08:58:26.2±1.6, 6°54'N-74°76'W, h12km±5km, ML3.1, Mw3.7, 5C-4D, Northern Colombia

PTBC PUERTO BERRIO, 0.31 91, Error ellipse: s-maj=3.7km s-min=3.0km az=37.3

ZARC Zaragoza, Cauca, 0.95 354, Error ellipse: s-maj=4.1km s-min=3.1km az=15.5

NORC Norcasia, 0.98 186, Error ellipse: s-maj=4.5km s-min=3.7km az=2.7

SPBC San Pablo de B, 1.12 142, Error ellipse: s-maj=5.5km s-min=2.1km az=5.5

BRRC Barranca, Sant, 1.19 62, Error ellipse: s-maj=5.9km s-min=1.7km az=46.9

CBOC Ciudad Bolivar, 1.41 242, Error ellipse: s-maj=5.9km s-min=1.0km az=50.9

UREC San Jos de U, 1.42 328, Error ellipse: s-maj=5.8km s-min=2.1km az=50.8

GU2C Guayana, Caldas, 1.44 205, Error ellipse: s-maj=5.8km s-min=1.7km az=50.9

DBBC Dabeiba, 1.51 288, Error ellipse: s-maj=5.8km s-min=1.0km az=53.1

BARC Barichara, 1.57 88, Error ellipse: s-maj=5.8km s-min=1.3km az=52.8

RREF El Recreo, 1.73 200, Error ellipse: s-maj=5.8km s-min=1.0km az=55.7

ROSC El Rosal, 1.75 165, Error ellipse: s-maj=5.8km s-min=0.0km az=56.7

RUSC La Rusia, 1.79 111, Error ellipse: s-maj=5.8km s-min=1.3km az=56.1

ANIL Santa Ana, 2.13 197, Error ellipse: s-maj=5.9km s-min=0.3km az=52.3

CHIC Chingaza, 2.16 152, Error ellipse: s-maj=5.9km s-min=0.2km az=52.6

PAMC Pampiona, Colo, 2.20 69, Error ellipse: s-maj=5.9km s-min=0.4km az=52.8

OCAC Ocaña, 2.21 40, Error ellipse: s-maj=5.9km s-min=0.2km az=52.6

ISCJB 21 09:41:57.3±1.9, 12°04'N-0°09:88'W±0.05, h10km±18km, Error ellipse: s-maj=14.8km s-min=8.9km az=5.7

GCG 21 09:41:58.6±1.1, 13°59'N-87°8'W, h103km±40km, MD4.1, SNEC IPOC Station P, 4.51 190, Error ellipse: s-maj=5.8km s-min=3.7km az=31.2

ISC 21 09:41:58.5±3.7, 12°1'N, 0°1:88.94W±0.07, h9km±19km, n17, r0573/14, Off coast of Central America

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Jucuarin, Comit de Eme, etc.

Table with columns: CEVE, CEVE, SBL, MOYG, MOYJ, COPN, MTO3, MOMN, IXG, IXG, FUG, FUG. Includes station names like San Blas, Moyta, Copalte, etc.

UCR 21 09:45:11.9.2.2, 8.42N-82.93W, h8km, 13km, MW3.7, Panama-Costa Rica border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Puerto Jimenez, San Vito, Volcan, etc.

IDC 21 09:49:12.8.6.4, 21.51Sx170.08E, h158km, 36km, mb2.9/2, s-maj=134.3km s-min=4.7, mbtm3.3/3, Error ellipse: s-maj=134.3km s-min=4.7, mbtm3.3/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Mont Dzumac, Alice Springs, Warrungarra Arr, etc.

NNC 21 09:49:26.4.3.1, 36.04N:69.50E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=31.1km s-min=23.4km az=137.0

IDC 21 09:49:30.9.6.2, 35.94N:69.59E, h73km, 77km, mb3.3/4, mb1.3/4.9, mb1mx3.1/55, mbtm3.6/9, ML3.2/4, MS3.0/1, Ms1.3/0.1, ms1mx2.3/29, Error ellipse: s-maj=55.1km s-min=28.9km az=4.0

ISCJB 21 09:49:33.0.0.9, 36.17N:0.07:69.4E:0.1, h112km, mb3.4/3, Error ellipse: s-maj=13.0km s-min=9.4km az=2.9

ISC 21 09:49:34.8.1.2, 36.22N:0.09:69.4E:0.1, h112km, n15, az=219/18, mb3.5/3, 2C-4D, Hindu Kush region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Karatay Array, Ala-Archa, AAK, AAK, AAK, TKM2, MKAR, AB31, AB31, KURBB, AKTO, AKTO, BVAR, ZALV, TLY, TORO, WRA, ASAR, etc.

ISCJB 21 09:53:45.0.0.9, 32.35S:0.02:70W:0.04, h37km, 7km, Error ellipse: s-maj=5.2km s-min=4.1km az=3.2

SJA 21 09:53:45.9.0.9, 32.41S:70.56W, h20km, 13km, ML2.8, MW3.7

GUC 21 09:53:44.1.0.8, 32.36S:70.55W, h13km, 5km, ML2.6, ISC 21 09:53:44.8.1.2, 32.34S:0.03:70.59W:0.03, h12km, 11km, n22, az=1508/35, 2C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like El Roble, Peidehue, Farellones, Cerro Calan, Torpederas, Combarbal, Leoncito, Antumapu, CERRO ARCO, ASAL, ASAL, LMEL, LMEL, AAGR, AAGR, etc.

Table with columns: RTCV, ZON, ZON, ZON, RTLL, RTLL, G004, G004, G004, AFOG, AFOG, MRA, MRA, TCA, TCA. Includes station names like Cerro Valdivia, Zonda, Cerro Villicun, etc.

ISCJB 21 10:23:11.9.0.7, 6.88S:0.07:154.20E:0.06, h33km, mb3.8/5, MS3.2/2, Error ellipse: s-maj=10.6km s-min=8.0km az=31.4

IDC 21 10:23:14.2.2.8, 6.84S:154.26E, h38km, 25km, mb3.7/5, mb1.4/0.9, mb1mx3.7/38, mbtm4.0/9, ML1.6/1, MS3.3/5, Ms1.3/3.5, ms1mx3.0/22, Error ellipse: s-maj=22.3km s-min=20.3km az=32.0

ISC 21 10:23:13.9.0.8, 6.82S:0.09:154.24E:0.08, h35km, n10, az=079/13, mb3.8/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Keravat, Keravat, HNR, HNR, PMG, PMG, DZM, DZM, WRA, WRA, ASAR, ASAR, STKA, STKA, MKAR, MKAR, NVAR, NVAR, TORO, TORO, TORO, TORO, etc.

BER 21 10:29:51.3.1.1, 68.03N:28.88E, h0km, MLO.1, Suspected explosion

HEL 21 10:29:40.0.3.0, 67.54N:30.35E, h0km, MLL1.7, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Sodankyl, Rieki, Maaselka, Rovaniemi, Kevo, Kevo, Heffa, Heffa, AREO, AREO, AREO, AREO, KTK1, KTK1, KTK1, KTK1, etc.

KOLA 21 10:30:34.6, 67.50N:30.38E, h0km, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Apatity, Apatity, Apatity, Apatity, etc.

SJA 21 10:31:05.0.0.6, 31.32S:68.82W, h112km, 2km, ML3.1, MW3.5, San Juan Province

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Zonda, Zonda, RTLL, RTLL, AMOG, AMOG, RTLV, RTLV, etc.

Table with columns: ACAN, AAGR, G004, ROC1, VCA, LCO, MRA, MRA, TCA, TCA, CYA, CYA. Includes station names like Cantantal, Agrelo, Tololo Observa, etc.

MEX 21 11:13:59.7.0.7, 19.10N:104.15W, h8km, 4km, MD3.9, Near coast of Jalisco

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like R15v, R15v, EZSV, EZSV, CJM, CJM, ANIG, ANIG, ZIIG, ZIIG, etc.

NIC 21 11:31:06.3.0.0, 35.88N:83.104E, h4km, 1km, M3.9/4, ISK 21 11:31:07.3, 35.89N:31.06E, h7km, ML3.8/38, DDA 21 11:31:08.0, 35.81N:31.15E, h42km, 1km, ML4.0, NEIC 21 11:31:10.8.0.8, 35.89N:0.08:31.09E:0.07, h48km, 14km, ISCJB 21 11:31:10.4.0.3, 35.90N:0.03:31.08E:0.02, h63km, 3km, mb3.8/12, Error ellipse: s-maj=4.5km s-min=2.6km az=17.7

IDC 21 11:31:11.9.2.2, 35.96N:31.16E, h57km, 23km, ms3.6/12, mb1.3/6.16, mb1mx3.5/35, mbtm3.8/16, ML3.6/4, MS3.2/3, Ms1.3/3.3, ms1mx2.8/33, Error ellipse: s-maj=19.2km s-min=13.8km az=40.0

ISC 21 11:31:11.8.0.9, 35.99N:0.03:31.13E:0.03, h52km, 9km, n147, az=181/165, mb3.8/16, 5C, Cyprus region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Antalya-Kumluc, Antalya-Kumluc, AKUM, AKUM, ANTB, ANTB, GAZI, GAZI, GAZI, GAZI, KORT, KORT, KSL, KSL, ELL, ELL, ELL, ELL, AKAS, AKAS, AKAS, AKAS, AKMS, AKMS, AKMS, AKMS, AKMS, AKMS, ALFC, ALFC, ALFC, ALFC, ALFC, ALFC, ERMK, ERMK, ERMK, ERMK, TEKE, TEKE, AKDN, AKDN, LEF, LEF, LEF, LEF, NATA, NATA, NATA, NATA, NATA, NATA, BERE, BERE, FETY, FETY, FETY, FETY, GOLH, GOLH, YORU, YORU, SZAC, SZAC, SZAC, SZAC, OREN, OREN, BRDR, BRDR, TEVE, TEVE, AKK1, AKK1, GULN, GULN, GULN, GULN, AKK2, AKK2, AKKU, AKKU, BAGO, BAGO, KMER, KMER, KMER, KMER, YESI, YESI, CSS, CSS, CSS, CSS, TISA, TISA, IKL, IKL, KARG, KARG, ASGA, ASGA, DOGA, DOGA, DOGA, DOGA, DALY, DALY, DALY, DALY, KONT, KONT, KONT, KONT, KONT, KONT, TURN, TURN, TURN, TURN, SILI, SILI, etc.



21d 12h

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TAVA DENIZLI Tavass, KZIL AFYON KIZOREN, LADK LADIK-KONYA, etc.

MEX 21 11:31:37.2, 0.3, 14.31N:92.35W, h15km, MD3.5, Near coast of Chiapas. Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ANTB Antalya, ANTB Gazipasa, GAZI KORTKORUELI, etc.

IDC 21 12:10:06.5, 2.13, 19N:90.45W, h0km, mb3.5/4, mb1.4/0.5, mb1mx3.7/38, mbmtmp3.6/5, ML3.8/1, Error ellipse: s-maj=50.4km s-min=20.3km az=97.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like IXC Ixcapaco, IXC Ixcapaco, IOYG Moyuta, Jutiap, FUEG Fuego 3, CEVE Cerro Verde, etc.

1142

Table with columns: Z50A, comp=Z, 3.9nm, 0.7s, Iamb, Iamb, 12 15 02.7. Includes stations like Y49A Blount Mountain, ABTX Abilene, Hawle, etc.

IDC 21 12:16:10.6, 0.4, 27.81N:105.69W, h0km, mb4.9/30, mb1.5/0.37, mb1mx5.0/40, mbtmp4.9/37, ML4.5/7, MS4.9/34, Ms1.4.9/34, ms1mx4.8/42, Error ellipse: s-maj=10.7km s-min=8.6km az=45.0

ISJC 21 12:16:10.5, 0.6, 27.84N:105.64W, h0km, mb5.1/90, MS5.1/66, Error ellipse: s-maj=2.6km s-min=1.9km az=24.2

BUI 21 12:16:11.2, 0.0, 27.80N:105.80W, h10km, mb5.1/77, MS5.2/4, Ms7.0/6

MOS 21 12:16:12.0, 0.9, 27.88N:105.65W, h19km, mb5.6/60, MS2/24, Error ellipse: s-maj=6.7km s-min=4.7km az=93.8

MEX 21 12:16:12.7, 0.3, 27.79N:105.76W, h1km, 4km, MD5.4, NEIC 21 12:16:12.2, 1.1, 27.80N:103.105, 68W, 0.06, h10km, 1km, mb5.3/390, Ms 20.5/1.388, Mw5.3, Mw5.3, Mw5.4, M5.4(MEX), Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.78; Mw=0.28; Mw0.105; Mw0.072; Mw0.38; Mw0.22; Fault plane solution: M1: 2.700x10^17 Np1: 1.5, 0.00000, 0.43, 21000, lambda: 37.77000, NP2: 0.134, 46000, 0.65, 21000, lambda: 126.50000. Principal axes: T: 1.2415, P1: 3.0000, Azm: 250.0000; N: 0.0467, P1: 3.0000, Azm: 152.0000; P: -1.2883, P1: 54.0000, Azm: 35.0000. Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; Mr=0.72; Mw=0.28; Mw0.14; Mw0.086; Mw0.38; Mw0.34; Mw0.09; Fault plane solution: M1: 2.4000x10^17 Np1: 1.28, 62000, 0.63, 03000, lambda: 131.27000, NP2: 0.11, 29000, 0.47, 94000, lambda: 37.65000. Principal axes: T: 0.9886, P1: 9.8600, Azm: 240.0000; P: -1.3945, P1: 11.2000, Azm: 348.0000.

GCMT 21 12:16:14.1, 1.0, 27.89N:101.105, 72W, 0.01, h13km, MW5.3/137, Moment Tensor Solution. s106.c155; s137.c279; Duration: 1s2. Moment tensor: Scale 10^17 Nm; Mr=0.72; Mw=0.65; Mw0.105; Mw0.072; Mw0.38; Mw0.34; Mw0.09; Best double couple: M1: 3.2800x10^17 Np1: 1.5, 0.00000, 0.65, 00000, lambda: 145.00000, NP2: 0.22, 00000, 0.85, 00000, lambda: 29.00000. Principal axes: T: 1.5490, P1: 4.0000, Azm: 254.0000; P: -1.0660, P1: 4.0000, Azm: 348.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 12:16:12.4, 0.5, 27.81N:103.045, 72W, 0.04, h11km, 2km, h11km: pp-P, 1.2371, 1927/988, mb5.3/227, MS5.1/259, 4C-9D, Northern Mexico

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like HPJG Chaparral WMA, HPJG Chaparral WMA, HPJG Chaparral WMA, etc.



21d 12h

Table with columns for station ID, name, and various numerical values (e.g., 20.62, 34, P, 12.20, 51.4, -0.2). Includes stations like Arkdale, Kite, TZTN, Y54T, etc.

2013 SEP

Table with columns for station ID, name, and various numerical values (e.g., 21.98, 36, P, 12.21, 05.5, -0.8). Includes stations like U54A, H43A, N49A, etc.

1144

Table with columns for station ID, name, and various numerical values (e.g., 23.22, 52, P, 12.21, 18.2, -1.2). Includes stations like O52A, O52A, ESTN, etc.



21d 12h

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., IAMS\_20, IAMS\_20, 12 40 03.9).

2013 SEP

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., IAMS\_20, IAMS\_20, 12 41 41.1).

1146

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., IAMS\_20, IAMS\_20, 12 26 38.0 +0.2).





Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like YHH, YHB, SUSD, YNE, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like U54A, K49C, NM5C, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Distance, and other parameters. Includes stations like SCHQ, BCAR, GRGR, etc.





Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSCO, KSCC, DGMT, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Y12C, Y12B, Y12C, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WHTX, WHTX, L42A, etc.

21d 13h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like G47A Hillman, FCC Perry, FCC Fort Churchill, etc.

2013 SEP

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like W51A Cleveland, E50A Wahnapitae, CPCT Cooper Cave, etc.

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Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like D53A Lac Vacive, D53A Snyder, E53A Dumoine, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like BARN, TLIG, QUAZ, DAWY, BEAR, EGAK, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like LPAZ, LPAZ, Yuzh-Sakhalins, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like SKHL, JMA, ISC, etc.

21d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sonseca Array, Cabo Rojo, El Rosal, etc.

IDC 21 13:28:20.8:34.0, 4.48N:127.01E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/27, mbtmp3.7/3, Error ellipse: s-maj=570.8km s-min=162.6km az=161.0, Talaud Islands

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

WEL 21 13:53:19.0:7.37'S:147.8E, h33km, M4.2/49, M4.4/28, MLV4.2/49, Error ellipse: s-maj=0.0km s-min=0.0km az=62.4, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Matakaoa Point, Te Kaha, etc.

2015 SEP

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

IGQ 21 14:04:29.8:1.0, 4.7S:7.78W, h30km, MLV4.7, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COHC Cochancay, PATI Patacocha, etc.

ISK 21 14:05:26.9, 38.59N:28.71E, h1km, ML 1.9/3, DDA 21 14:05:27.4, 38.55N:28.65E, h7km, 4km, ML2.5, ISC 21 14:05:27.7, 1.2, 38.59N:0.07:28.68E, 0.06, h3km, 17km, n8, 05/47/11, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULA Kula-Manisa, MANT Manisa, etc.

IDC 21 14:18:10.3:1.8, 4.79S:103.91E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/4, mbtmp3.8/6, MS3.6/1, M5 3.6/1, ms1mx2.7/34, Error ellipse: s-maj=79.6km s-min=20.2km az=58.0, ISCJB 21 14:18:36.1:0.4, 4.5S:0.1:104.64E:0.09, h230km, 5km, mb3.5/6, Error ellipse: s-maj=23.3km s-min=5.4km

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

DJA 21 14:18:37.0:3.0, 5.5S:6.10E, h223km, 3km, M4.3/17, m85.1/3, mb4.2/8, MLV4.3/17, Mw(mB)4.4/3, ISC 21 14:18:37.2:0.7, 4.5S:0.1:104.7E:1.1, h221km, 6km, n34, 05/95/37, mb3.6/6, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULI Kuli, MDSI Maura Dua, etc.

1154

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 0.2nm, 0.4s, baz=312, etc.

MAN 21 14:23:55.9, 1.20N:127.03E, h114km, mb5.0, ML3.9, MS3.9, ISCJB 21 14:23:57.1:0.2, 1.29N:0.02:126.93E:0.04, h72km, mb4.4/7, Error ellipse: s-maj=5.3km s-min=3.1km az=164.7, NEIC 21 14:23:59.8:2.1, 1.22N:0.08:126.95E:0.07, h82km, 6km, mb4.5/44, IDC 21 14:23:59.8:2.6, 1.23N:127.00E, h81km, 24km, mb3.9/15, mb1 4.0/18, mb1mx3.9/34, mbtmp3.4/218, MS3.3/1, M5 1.3/1, ms1mx2.6/36, Error ellipse: s-maj=21.7km s-min=11.3km az=81.0, DJA 21 14:23:59.4:0.8, 1.1N:3.12'E, h29km, 8km, M4.5/17, mb4.7/12, mb5.0/4, MLV4.5/17, Mw(mB)4.4/4, ISC 21 14:23:58.7:0.4, 1.24N:0.04:126.88E:0.06, h72km, n107, 0.1936/15, mb4.4/36, 1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNTI Ternate, LBUH Labuha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DMSP Don Marcelino, MSAI Masohi, etc.

Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COHC Cochancay, PATI Patacocha, etc.

ISK 21 14:05:26.9, 38.59N:28.71E, h1km, ML 1.9/3, DDA 21 14:05:27.4, 38.55N:28.65E, h7km, 4km, ML2.5, ISC 21 14:05:27.7, 1.2, 38.59N:0.07:28.68E, 0.06, h3km, 17km, n8, 05/47/11, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULA Kula-Manisa, MANT Manisa, etc.

IDC 21 14:18:10.3:1.8, 4.79S:103.91E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/4, mbtmp3.8/6, MS3.6/1, M5 3.6/1, ms1mx2.7/34, Error ellipse: s-maj=79.6km s-min=20.2km az=58.0, ISCJB 21 14:18:36.1:0.4, 4.5S:0.1:104.64E:0.09, h230km, 5km, mb3.5/6, Error ellipse: s-maj=23.3km s-min=5.4km

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

DJA 21 14:18:37.0:3.0, 5.5S:6.10E, h223km, 3km, M4.3/17, m85.1/3, mb4.2/8, MLV4.3/17, Mw(mB)4.4/3, ISC 21 14:18:37.2:0.7, 4.5S:0.1:104.7E:1.1, h221km, 6km, n34, 05/95/37, mb3.6/6, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULI Kuli, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like USRK, YSS, SONAO, etc.

ISCJTB 21 14:30:42.8,0.3,27.80N,0.03,105.72W,0.04,h10km, mb4.0/7,MS4.4/2,Error ellipse: s-maj=4.7km s-min=3.5km az=158.3

IDC 21 14:30:43.7,0.8,27.79N,105.68W,h0km,mb3.9/7, mb1.4/1.1,mb1mx3.9/3.4,mbtmp3.8/11,ML4.0/4,MS4.0/3, Ms1.4/0.3,ms1mx2.9/4.9,Error ellipse: s-maj=17.0km s-min=9.7km az=141.0

NEIC 21 14:30:44.7,3.4,27.74N,105.54W,0.07,h12km,5km MEX 21 14:30:45.0,0.3,27.78N,105.75W,h1km,5km,MD4.4

ISC 21 14:30:44.8,0.5,27.77N,105.67W,0.06,h10km,n76, c=151/74,mb3.9/7,Northern Mexico

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like HPiG, MINTX, TXAR, etc.

Table with columns: F10A, Iamb, Iamb, 14 35 23.2, etc. Includes stations like V52A, R50A, N54A, etc.

JMA 21 14:34:07.6,0.1,22.67N,121.05E,h30km,1km TAP 21 14:34:07.9,22.96N,120.86E,h6km,ML3.8,C

ISCBJ 21 14:34:08.9,0.2,22.93N,0.17,120.89E,0.02,h4km,2km, Error ellipse: s-maj=2.9km s-min=2.1km az=136.5

ISC 21 14:34:08.4,0.3,22.96N,0.02,120.88E,0.02,h9km,7km, n78,c=691/129,7C-6D,Taiwan

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like SLGT, TWG, TWTG, etc.

Table with columns: WDLH, eS, Sn, 14 34 37.8 +0.2, etc. Includes stations like WVDW, SSLB, WJS, etc.

SKHL 21 14:37:47.4,0.8,44.70N,149.01E,h63km,2km,mb4.1/2 JMA 21 14:37:49.7,0.5,44.79N,148.66E,h30km,M3.5

ISC 21 14:37:46.6,2.9,44.48N,0.08,148.78E,0.02,h10km,n13, c=2507/20,Kuril Islands

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

Table with columns: STA, Rausu, 2.63 259 P, Pb, 14 38 32.1 -1.6, etc.

IDC 21 14:48:13.6; 1.0, 42.2'11N; 46.69E, h0km, mb3.67, mb1.3, 6/12, mb1mx4.5/50, mbtmp3.5/12, ML2.5/4, MS3.3/2, Ms1.3/3.2, ms1mx2.4/40, Error ellipse: s-maj=1.3, 0km s-min=1.3km az=88.0

NSSP 21 14:48:16.9; 1.0, 41.92N; 46.50E, h25km, Ms3.3, MOS 21 14:48:19.8; 0.0, 42.02N; 46.66E, h48km, MPV4.7, DRB 21 14:48:19.0; 0.0, 41.87N; 46.22E, h20km, ISCBJ 21 14:48:20.9; 0.2, 42.01N; 0.01; 46.63E; 0.02, h46km; 3km, mb3.4/7, Error ellipse: s-maj=2.6km s-min=1.9km az=136.9

AZER 21 14:48:20.0; 0.1, 41.95N; 46.56E, h55km; 1km, ml3.5/27, Error ellipse: s-maj=2.4km s-min=1.2km az=344.0, TIF 21 14:48:20.2; 42.01N; 46.61E, h51km; 2km

NORS 21 14:48:21.0; 0.0, 42.09N; 46.75E, h50km, MPV4.5, DDA 21 14:48:22.0; 41.53N; 46.45E, h74km, ML2.9, ISC 21 14:48:20.3; 0.2, 42.00N; 0.02; 46.63E; 0.02, h46km; 5km, n156, az27/254, mb3.4/7, 11C-7D, Eastern Caucasus

Main station list table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc.

Main station list table with columns: QBL, XNQ, Khinaliq, SNR=43, 1.40 126 S, Pn, 14 49 04.8 +4.2, etc.

Main station list table with columns: ASTR, GOF, Gofitskoye, 4.02 321 P, S, Pn, 14 50 06.6 +0.6, etc.

NEIC 21 14:48:22.8; 2.8, 49.74N; 0.05; 66.02W; 0.07, h5km, 1km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M=0.85; M1=1.60; M2=2.45; M3=0.43; M4=0.45; M5=0.38; Fault plane solution: Ms2.28000x10^15 NP1; Ms224.63000; 876.45000; 1.22.51000; NP2: Ms229.09000; 868.15000; 1.165.38000; Principal axes: T 1.8737, P1g25.0000, Azm188.0000; N 0.6600, P1g64.0000; Azm354.0000; P -2.5336, P1g6.0000; Azm360.0000

IDC 21 14:48:22.0; 0.5, 49.74N; 65.92W, h0km, mb4.0/26, mb1.4/229, mb1mx4.1/59, mbtmp4.1/29, ML4.0/3, MS3.3/6, Ms1.3/2.6, ms1mx2.9/43, Error ellipse: s-maj=1.0, 9km s-min=0.8km az=134.0

ISCBJ 21 14:48:24.4; 0.7, 49.80N; 0.02; 66.22W; 0.02, h33km; 5km, mb4.2/40, MS3.2/3, Error ellipse: s-maj=2.9km s-min=2.3km az=136.0

OTT 21 14:48:26.1; 0.1, 49.77N; 65.92W, h18km, MN4.6/67 OTT 48km south from Moisie, Qc. Felt Lower St. Lawrence Seismic Zone, Qc. Felt at Sept-Iles, Qc.

ISC 21 14:48:26.1; 0.2, 49.83N; 0.03; 66.07W; 0.04, h30km; 9km, Azm26.1899/508, mb4.3/42, MS3.5/3, D3, Gaspe Peninsula

Continuation of station list table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc.





21d 15h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Scipio Center, SADO, Binghamton, etc.

2013 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Gladwin, Strasburg, Kingsville, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SPAO, SPITS, IL31, etc.

IDC 21 14:55:05.2:2.4, 5.69S:131.08E, h0Kmm, mb4.1/1, mb1 3.5/3, mb1mx3/3.24, mbtm3/4.0, ML3.1/2, Error ellipse: s-maj=142.8km s-min=30.5km az=72.0, Banda Sea

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



21d 15h

Table of astronomical observations for 21 days and 15 hours. Columns include station name, object name, magnitude, position angle, and other parameters.

2013 SEP

Table of astronomical observations for 2013 September. Columns include station name, object name, magnitude, position angle, and other parameters.

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Table of astronomical observations for 1160. Columns include station name, object name, magnitude, position angle, and other parameters.

JMA 21 15:11:46.6-0.1, 40:16N:142:47E, h34km, M3.8, 10D,

Table of astronomical observations for JMA 21 15:11:46.6-0.1, 40:16N:142:47E, h34km, M3.8, 10D. Columns include station name, object name, magnitude, position angle, and other parameters.

BUI 21 15:16:58.7-0.0, 14:23N:145:91E, h106km, mb4.8/36,

mb5.3/24

ISCJB 21 15:17:00.7-0.2, 14:31N:0:03:145:62E:0:05, h109km,

mb4.5/36, Error ellipse: s-maj=6.4km s-min=4.3km az=11.2

NEIC 21 15:17:02.9-1.8, 14:33N:0:08:145:49E:0:08,

h114km, 5km, mb4.6/78

IDC 21 15:17:02.3-0.6, 14:27N:145:59E, h108km, 5km, mb4.2/30,

mb1.4/30, mb1mx4.1/48, mbtmp4.5/30, MS3.6/2,

Ms1.3/6.2, ms1mx2.9/21, Error ellipse: s-maj=13.7km

s-min=7.8km az=93.0

ISC 21 15:17:02.5-0.3, 14:27N:0:05:145:63E:0:07, h109km,

n136, e1932/144, mb4.6/69, iC, Mariana Islands

Table of astronomical observations for ISC 21 15:17:02.5-0.3, 14:27N:0:05:145:63E:0:07, h109km, n136, e1932/144, mb4.6/69, iC, Mariana Islands. Columns include station name, object name, magnitude, position angle, and other parameters.

Table with columns: CD2, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like LZH Lanzhou, ARMA Armadale, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like EGAK Eagle, BCPM Bancas Point, INK Inuvik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like ZALV Zalesovo Beam, KURBB Kurubayarra, MAN 21 16:45:49.8, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MGZ, WYZ, RPZ, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like STKA, STKA, STKA, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BATI, BATI, BATI, etc.



21d 16h

2013 SEP

Table with columns: Station, Altitude, Date, Time, Direction, Wind Speed, Wind Gust, Wind Angle, and other weather data. Includes stations like KMI, MFID, LFY, B05A, ANMO, ANMO, ANMO, ANMO, ANMO, BRLL, MVCO, E08A, XAN, B06A, PV13, PV16, PV03, PV01, D08A, APG, F10A, F10A, F10A, PLID, 833A, S22A, S22A, LPAZ, LPAZ, LPAZ, LPAZ, GAMB, SUA, GLI, JCT, SKT, KNK, WRAP, TTA, CD2, SDCO, SDCO, NEW, NEW, WAX, CRQM, T25A, SCM, JTS, CPUP, CPUP, TGL, ANM, PPLA, PCLA, BCPM, BW06, PDAR, PDAR, PDAR, PDAR, BALM, MCAR, CTGM, Q24A, QBTA, SEY, SEY, SEY, BOZ, KTH, RWVY, 435B, RND, BPAW, PAX, HYT, BWN, MENT, DLBC, WALT, WALT, HKT.

Table with columns: RIDG, Independent Ri, Altitude, Date, Time, Direction, Wind Speed, Wind Gust, Wind Angle, and other weather data. Includes stations like WRH, MLY, LZH, LZH, LZH, LZH, LZH, LZH, LZH, LZH, HDA, SCRK, COLA, ILAR, ILAR, ILAR, U32A, PRP, RDGC, BCIP, BILL, BILL, BILL, BILL, NATX, EGAK, CBKS, LAO, FYU, TULI, SHL, MIAR, KSU1, EPYK, X40A, HHAR, DGMT, GTA, GTA, GTA, UALR, SAML, W41B, WHAR, MGMO, SPB, INK, ECSD, LPAR, MET, OXF, GNAR, CCM, PEBM, HALT, PENMO, GLAT, FVM, SCIA, HICK, YKA, SLM, WVT, N41A, FFC, 061Z, P43A, 37M, SWET, USIN, HDIL, W50A, O44A, JFWS, WCI, PCT, T9PA, I41A, TIXI, M44A, W52A, V51A, SFIN, G40A, K43A.

Table with columns: Station, Altitude, Date, Time, Direction, Wind Speed, Wind Gust, Wind Angle, and other weather data. Includes stations like I42A, EYMN, V52A, TZTN, V53A, R50A, COWI, N47A, L46A, S51A, H43A, PTGA, T52A, F42A, KMCS, Q51A, Y57A, U54A, M48A, I45A, V55A, O50A, P51A, E43A, R53A, J47A, V56A, G45A, S54A, BOSA, BOSA, AAM, M50A, E44A, BLA, J48A, GLMI, FCC, P53A, WMQ, WMQ, WMQ, V58A, R55A, K50A, T57A, E46A, H48A, I49A, M52A, U59A, O56A, S58A, T59A, R58B, V51A, O56A, U61A, CBN, P57A, V62A, T60A, N56A, SSPA, N57A, J54A, MEDO, S61A, P63A, M57A, Q60A, H53A, N58A, R61A, G53A, O59A, D51A, L57A, P60A.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like E52A Mattawa, PSUB Penn St., G54A Lake Saint Pet, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like LSZ Lusaka, GAR Garm, EMMW El Garm, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like NC204 NORARS Array S, NC405 NORARS Array S, AQBQ Aqaba, etc.



21d 17h

Table with columns: UDC, UPC, Uprc, comp-Z, 1um, 21.2s, 160.03 332, ePKPDF, PKPpdf, 17 08 55.6, -2.0, 18 20 30.0, etc.

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Table with columns: SOKA, WLF, WLF, OBKA, KBA, KBA, MYKA, MYKA, LJU, LJU, WATA, WATA, WTTA, WTTA, CADS, CADS, RETA, RETA, ABTA, ABTA, FETA, FETA, FETA, DAVA, DAVA, LIS, LIS, LIS, LIS, MAHO, MAHO, MAHO, CEU, CEU, CEU, EMAL, EMAL, IFR, IFR, LCRM, LCRM, PVZ, PVZ, AKLM, AKLM, CART, CART, MELI, MELI, MELI, TAF, TAF, JBK, JBK, CIFI, CIFI, FIGM, FIGM, etc.

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Table with columns: BEKR, BEKR, BMRR, BMRR, KMRM, KMRM, LOY, LOY, INO, INO, DOND, DOND, LTIM, LTIM, KBF, KBF, TNK, TNK, LBFM, LBFM, AASM, AASM, Verdi Peak, Verdi Peak, TAH, TAH, PEAR, PEAR, KHMM, KHMM, MOCZ, MOCZ, JCC, JCC, VCNR, VCNR, YBH, YBH, PNTR, PNTR, CMR, CMR, PAHB, PAHB, KMB, KMB, YERR, YERR, WAKR, WAKR, HOD, HOD, MUM, MUM, KBO, KBO, RYAN, RYAN, KOSA, KOSA, KVN, KVN, MDPB, MDPB, NVAR, NVAR, OMMB, OMMB, etc.

ATH 21 17:07:35.2, 38.72N-22.79E, h10km, 3km, M1.6/7, Error ellipse: s-maj=3.1km s-min=0.7km az=11.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, AXAR, AXAR, AXAR, AXAR, LKR, LKR, LKR, LKR, ATAL, ATAL, DSF, DSF, DSF, DSF, PROD, PROD, PROD, PROD, AGG, AGG, AGG, AGG, KALE, KALE, KALE, KALE, SERG, SERG, SERG, SERG, TRIZ, TRIZ, ANX, ANX, SKIA, SKIA, SKIA, SKIA, etc.

IDC 21 17:08:09.8:5.6, 28.78N-142.53E, h0km, mb3.4/3, m1 3.5/1, m1mx3.3/5.1, mbmt3.3/4, ML2.5/1, MS3.6/1, m1 3.6/1, m1mx3.0/2.2, Error ellipse: s-maj=237.8km s-min=25.1km az=74.0, Bonin Islands region

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

DJA 21 16:53:09.8:0.5, 9°S:10'x11'3E±, h122km, 5km, M4.0/13, mb4.5/3, mB5.2/2, MLV3.8/13, Mw(mb)4.6/2, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JAGI, JAGI, PWRJ, PWRJ, IGBI, IGBI, GRJ, GRJ, DNP, DNP, SRBI, SRBI, PCUJ, PCUJ, NGJI, NGJI, WOJF, WOJF, UGMJ, UGMJ, KPMJ, KPMJ, CIFI, CIFI, FIGM, FIGM, etc.

NEIC 21 17:06:10.6:1.7, 39.83N:0°02'.122°01'W:0°03, h22km, 9km, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, MGL, MGL, LTCM, LTCM, LTCM, LTCM, GCK, GCK, ORV, ORV, CDM, CDM, O03E, O03E, GVV, GVV, GROM, GROM, PAM, PAM, GAMB, GAMB, GASB, GASB, LDBM, LDBM, OHCM, OHCM, GTSN, GTSN, O02D, O02D, AOHM, AOHM, LTRM, LTRM, LMMI, LMMI, GHMM, GHMM, LBPB, LBPB, WDC, WDC, WDC, WDC, GWMK, GWMK, ABJM, ABJM, LSHM, LSHM, MNRC, MNRC, GMKM, GMKM, NDHM, NDHM, HATC, HATC, NMTM, NMTM, KFPM, KFPM, GHLM, GHLM, LBCM, LBCM, KIPM, KIPM, HOSB, HOSB, GWRM, GWRM, GDXM, GDXM, AFDM, AFDM, KCPM, KCPM, SOKA, SOKA, etc.

IDC 21 17:15:17.7:1.6, 0°51'S:98°51'E, h0km, mb3.9/5, m1 3.9/6, m1mx3.5/4, mbmp3.8/6, ML2.9/1, Error ellipse: s-maj=59.7km s-min=19.5km az=60.0

IDC 21 17:15:22.0:0.3, 0°39'S:0°04.98'E:0°05, h32km, mb3.8/5, Error ellipse: s-maj=8.6km s-min=4.4km az=146.3

DJA 21 17:15:20.0:0.3, 0°S:2°9'E±, h10km, M3.7/12, mb3.5/1, MLV3.8/12

NEIC 21 17:15:23.0:1.3, 0°45'S:1°08'.62E:0°09, h34km, 8km, mb4.2/1

IDC 21 17:15:22.0:0.8, 0°33'S:0°05.98'E:0°06, h32km, n31, s157/33, mb4.1/6, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PBSI, PBSI, SISI, SISI, MNSI, MNSI, GBSI, GBSI, PDSI, PDSI, BKNI, BKNI, BKNI, BKNI, RPSI, RPSI, PSI, PSI, KRJI, KRJI, TPTI, TPTI, KCSI, KCSI, IPM, IPM, MYKOM, MYKOM, KULM, KULM, MDSI, MDSI, HOSB, HOSB, HOSB, HOSB, HOSB, HOSB, WRA, WRA, WRA, WRA, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Array, FIAO FINESS Array B, FINES FINESS Array B.

SOME 21 17:18:20.6,39.53N,75.03E,h0km
IDC 21 17:18:24.8,0.9,39.39N,74.74E,h0km,mb3.7/9,
mb1 3.8/1.4,mb1mx3.6/5.6,mbtmp3.6/14,ML3.2/5,Error
ellipse: s-maj=19.2km s-min=14.1km az=110.0

Main table of station data for the left column, including codes like KSH, NRN, ARSB, KZA, UCH, AML, AAK, ARX, BTLS, CHCP, DJR, CEP, THW, SARP, MKAR, WMQ, KURBB, GEYT, BVAR, AB31, ZALV, AKTO, BRTR, FINES, ARCES, GERES, NB2, NOA, TORD, YKA, WRA, ASAR, ZTK, KST, DGS, TNS, JTKR, JWKC, NEM2, ASAJ, JAR, JAK, JCH, JCH.

Main table of station data for the middle column, including codes like SGDS, PRZ, MDOK, KNC, KTBS, SATY, KU, IUG, IUG, IUG, ZHN, CHK, CHK, KURS, UZB, UZB, KK31, KK31, KK31, SHLS, SHLS, PDGK, PDGK, PDGK, ARXS, ARXS, BTLS, BTLS, CHCP, DJR, CEP, THW, SARP, MKAR, WMQ, KURBB, KURBB, GEYT, BVAR, AB31, ZALV, AKTO, BRTR, FINES, ARCES, GERES, NB2, NOA, TORD, YKA, WRA, ASAR.

IDC 21 17:22:03.1,6.4,47.83N,145.78E,h328km,175km,
mb3.0/2,mb1 2.9,mb1mx2.5/5.2,mbtmp3.6/4,Error
ellipse: s-maj=26.0km s-min=5.9km az=188.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ASAJ, JAR, JAK, JCH, JCH.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JNBK, JNBK, JEW, JKB, JOT, USRK, MKAR, KURBB, FINES.

IDC 21 17:26:33.4,1.8,40.08N,142.85E,h0km,mb3.5/5,
mb1 3.6/6,mb1mx3.4/44,mbtmp3.5/6,ML3.7/1,Error
ellipse: s-maj=69.4km s-min=21.2km az=75.0

Main table of station data for the right column, including codes like JTH, JTH, JKEN, JANG, MIYJ, JARK, JARK, JTM, JTM, OFUJ, JAH, JAH, JOT, JOT, JEM, JEM, ASAJ, ASAJ, MJAR, MJAR, USRK, USRK, H1N2, H1N1, H1N3, ZALV, MKAR, WRA, ASAR, FINES.

ISCJB 21 17:32:34.7,0.7,14.21N,0.06,92.13W,0.05,h59km,7km,
mb4.9/3,MS4.0/1,Error ellipse: s-maj=11.8km
s-min=3.5km az=35.9

Main table of station data for the right column, including codes like THIG, THIG, FUEGO, PCG, IXP, IXP, APG, APG, NBG, PCIG, PCIG, PCIG, CCIG, CCIG, CCIG, MOYG, RTR, RTR, MRL, MRL, SBL, SBL, CEVE, CEVE, SNJE, SNJE, MTO3, TGIG, TGIG, TGIG, CUSC, LFLU, LFLU, PAVA, COEG, COEB, COEB, PACA, PACA, CMIG, CMIG, CMIG, CMIG, CMIG, LCND, CNCH, TGUH, ESTN, MOPM, MOPM, TEIP, TEIP, TLIG, TLIG, ACON, ACON, ESPN, JTS.

21d 18h

Table with columns for station name, coordinates, and time. Includes entries for JTS, GOGA, XSIA, SJG, NVAR, F10A, INK, ILAR, and CMAR.

SOME 21 17:47:57.4,1.95,52.69,101.1,32.56,18.8, h3km,4.4km,mb2.8, mpv2.6, Error ellipse: s-maj=6.7km s-min=2.8km az=170.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Przhval'sk, Kajisay, Przhval'sk, etc.

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Table with columns: DGS, station name, coordinates, and time. Includes entries for DJR, DJR, DJR, DJR.

PGC 21 17:49:45.3,1.1,52.56N:131.88W, h15km,ML4.0/16, ML4.0/16, 83km south of Sandspit, Bc Haida Gwaii Region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Barry Inlet, Hotspring, Mitchell Dam, etc.

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Table with columns: Station Name, coordinates, and time. Includes entries for Grant Village, FXWY, KVN, MOOSE Ponds, Red Lodge, Teton Pass, Long Hollow, Red Top Meadow, Mina Array Bea, Indian Mountain, Pinedale Array, etc.

Table with columns: Station Name, coordinates, and time. Includes entries for WAKE ISLAND HY 57.20 259 T, WAKE ISLAND HY 57.20 259 T, etc.

Table with columns: Station Name, coordinates, and time. Includes entries for IUG, IUG, MRKS, MRKS, AAK, AAK, KK31, KK31, DGS, DGS, AB31, AKTO, etc.

MEX 21 18:14:57.0,1.5,15.84N:97.12W, h5km,MD3.7, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Huatulco, Vista Hermosa, Matias Romero, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like KURK, KKAR, and GYA0B.

ISCJB 21 18:38:51.1, 0.3, 24.1, 11s:0.03:66:96W:0.03, h193km, 4km, mb3.9/9, Error ellipse: s-maj=5.2km s-min=4.4km az=174.0

NEIC 21 18:38:51.8, 2.2, 24.1, 15s:0.07:66:84W:0.07, h166km, 6km, mb4.4/22

IDC 21 18:38:51.2, 1.4, 24.1, 07S:66:89W, h174km, 13km, mb3.8/9, mb1.3/9/15, mb1mx3.8/32, mbmp4.1/25, Error ellipse: s-maj=16.9km s-min=13.7km az=63.0

GUC 21 18:38:51.0, 0.5, 24.08S:67:02W, h217km, 10km, ML5.0 VAO 21 18:38:51.0, 5.5, 23:36S:66:97W, h182km, 6km, mb4.3

ISC 21 18:38:51.6, 0.6, 24.10S:0.04:66:91W:0.05, h181km, 6km, n103, r103/121, mb4.3/20, 6C, Salta Province

Main station list table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like LVC, G002, PB06, PB14, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like T47A, TXAR, Lajitas Arr, etc.

ISCJB 21 18:42:32.9, 0.5, 58:20N:0.02:156:40W:0.04, h12km, 3km, mb3.9/18, Error ellipse: s-maj=4.0km s-min=2.7km az=141.5

AEIC 21 18:42:33.1, 5.5, 58:14N:0.04:156:34W:0.06, h3km, 4km, ML4.2, mb4.7/35(NEIC)

NEIC 21 18:42:34.0, 1.5, 58:15N:0.05:156:37W:0.06, h6km, 4km IDC 21 18:42:39.5, 1.8, 58:23N:156:33W, h47km, 18km, mb3.7/18, mb1.4/0/22, mb1mx3.8/53, mbmp4.0/22, ML4.34, Error ellipse: s-maj=22.0km s-min=12.5km az=18.0

ISC 21 18:42:34.1, 1.5, 58:17N:0.04:156:34W:0.03, h7km, 6km, n198, r101/204, mb4.4/34, Alaska Peninsula

Main station list table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like PLK1, KJL, PLB3, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like CROM, WAX, TGL, MLY, etc.

ISCJB 21 18:42:32.9, 0.5, 58:20N:0.02:156:40W:0.04, h12km, 3km, mb3.9/18, Error ellipse: s-maj=4.0km s-min=2.7km az=141.5

AEIC 21 18:42:33.1, 5.5, 58:14N:0.04:156:34W:0.06, h3km, 4km, ML4.2, mb4.7/35(NEIC)

NEIC 21 18:42:34.0, 1.5, 58:15N:0.05:156:37W:0.06, h6km, 4km IDC 21 18:42:39.5, 1.8, 58:23N:156:33W, h47km, 18km, mb3.7/18, mb1.4/0/22, mb1mx3.8/53, mbmp4.0/22, ML4.34, Error ellipse: s-maj=22.0km s-min=12.5km az=18.0

ISC 21 18:42:34.1, 1.5, 58:17N:0.04:156:34W:0.03, h7km, 6km, n198, r101/204, mb4.4/34, Alaska Peninsula

Main station list table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like CROM, WAX, TGL, MLY, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like CROM, WAX, TGL, MLY, etc.

ISCJB 21 18:42:32.9, 0.5, 58:20N:0.02:156:40W:0.04, h12km, 3km, mb3.9/18, Error ellipse: s-maj=4.0km s-min=2.7km az=141.5

AEIC 21 18:42:33.1, 5.5, 58:14N:0.04:156:34W:0.06, h3km, 4km, ML4.2, mb4.7/35(NEIC)

NEIC 21 18:42:34.0, 1.5, 58:15N:0.05:156:37W:0.06, h6km, 4km IDC 21 18:42:39.5, 1.8, 58:23N:156:33W, h47km, 18km, mb3.7/18, mb1.4/0/22, mb1mx3.8/53, mbmp4.0/22, ML4.34, Error ellipse: s-maj=22.0km s-min=12.5km az=18.0

ISC 21 18:42:34.1, 1.5, 58:17N:0.04:156:34W:0.03, h7km, 6km, n198, r101/204, mb4.4/34, Alaska Peninsula

Main station list table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters for stations like CROM, WAX, TGL, MLY, etc.

21d 19h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GERES, ESDC, CMAR, BRTR, WRA, WRR.

UCR 21 18:43:00.5-0.9, 12.01N-86.64W, h79km, 2.1km, MW3.6, Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MASN, CNMG, CRIN, ESTN, MATN, ACON, RCON, GBIA, PLVR, ESPN, JTS, CEDE.

IDC 21 18:43:15.8-0.9, 9.25N-138.06E, h0km, mb4.0/8, mb1.4/1.8, mb1mx3.8/4.2, mbtmp4.0/10, MS3.2/3, Ms1 3.2/3, ms1mx2.9/3.7, Error ellipse: s-maj=35.8km s-min=19.0km az=86.0

ISCJB 21 18:43:19.3-0.9, 9.2N-101.138.1E, 0.2, h33km, mb3.9/8, Error ellipse: s-maj=32.0km s-min=15.0km az=176.9

ISC 21 18:43:21.2-1.0, 9.2N-101.138.0E, 0.3, h35km, n17, c098/10, mb3.9/8, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUMO, DAV, KRVT, BATI, WRA, WRA, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, ASAR, ASAR, CMAR, STKA, SONM, ILAR, FINES.

ISCJB 21 18:43:45.9-1.5, 14.33N-10.92-27W, 0.08, h39km, 32km, Error ellipse: s-maj=18.5km s-min=8.6km az=32.2

MEX 21 18:43:46.2-0.4, 14.24N-102.19W, h20km, 19km, MD3.8

GC 21 18:43:46.4-0.1, 14.14N-99.50W, h29km, 7km, MD3.8

ISC 21 18:43:46.4-2.4, 14.44N-101.92-22W, 0.08, h28km, 15km, n7, c052/13, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like THIG, FUG, FCIG, IXC, CCIG, TGIG, CMIG.

IDC 21 18:47:02.8-6.3, 31.89S-178.68W, h0km, mb3.2/2, mb1.3/5.2, mb1mx3.4/3.0, mbtmp3.2/2, Error ellipse: s-maj=264.4km s-min=60.1km az=159.0, Kermadec Islands region

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

ISK 21 18:55:12.2, 39.28N-36.51E, h2km, ML1.9/6

DDA 21 18:55:13.0, 39.24N-36.54E, h7km, 4km, ML2.6

ISC 21 18:55:13.0, 39.27N-0.03-36.52E, 0.03, h11km, 8km, n16, c1544/23, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CUALT, CUSAR, BNN, BNN, SVSK, YVZ, DARE, TOKAT, ELBS, CUZAR, ERBA, AKCD, YAHY, KEMA, SUSE, MALT.

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MAN 21 19:30:59.1, 5.69N-124.46E, h43km, mb4.3, ML3.1, MS2.8, ID, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GSPH, SKMP, DDDP, CTB, PAGZ.

SOME 21 19:33:30.7, 41.83N-81.00E, h5km, NNC 21 19:33:32.8, 1.7, 41.90N-80.91E, h5km, 7km, mb3.8, mp3.4, Error ellipse: s-maj=12.1km s-min=9.8km az=175.0

KRNET 21 19:33:45.0, 0.1, 42.86N-80.64E, mb3.0

ISC 21 19:33:33.4, 2.42, 42.06N-0.07-81.12E, 0.07, h3km, 11km, n42, c1575/63, 18C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, UZB, UZB, UZB, PRZ, PRZ, SATY, SATY, SATY, KPKS, DJR, DJR, DJR, KURS, KURS, KURS, KURS, KURS, ARXS, ARXS, ARXS, TNSS, TNSS, TNSS, TNSS, KNDC, AAA, AAA, AAA, IZV, IZV, IZV, KAPS, KAPS, KAPS, CHKK, CHKK, CHKK, MTBS, MTBS, MTBS, KTBS, KTBS, KTBS, BOOM, BOOM, NRN, NRN, NRN, KST, KST, KST, KUU, KUU, KUU, KUU, KUU, TKM2, TKM2, TKM2.

1170

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MAKZ, MAKZ, MK31, MK31, MK31, AAK, AAK, AAK, KK31, KK31, KK31.

IDC 21 19:38:34.0, 0.5, 13.87N-144.53E, h149km, 4km, mb3.6/10, mb1.3/7.10, mb1mx3.4/4.1, mbtmp4.0/10, Error ellipse: s-maj=28.1km s-min=12.1km az=76.0

ISC 21 19:38:33.1-0.7, 14.0N-0.1-144.6E, 0.2, h144km, n17, c1567/15, mb3.8/12, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUMO, GUMO, H11N1, H11N2, H11N3, JUNU, MJAR, PMG, WRA, ASAR, DZM, STKA, MKAR, KURBB, ILAR, BVAR, NVAR, LPAZ.

IDC 21 19:43:43.6-0.6, 39.89N-98.53E, h0km, mb3.9/14, mb1.4/1.7, mb1mx3.9/6.4, mbtmp4.0/17, ML3.7/3, MS3.3/3, Ms1 3.4/3, ms1mx2.9/4.0, Error ellipse: s-maj=21.6km s-min=13.7km az=51.0

ISCJB 21 19:49:45.3-0.3, 39.09N-104.98-51E, 0.04, h10km, mb3.9/13, MS3.3/1, Error ellipse: s-maj=5.7km s-min=4.4km az=171.5

BUI 21 19:49:46.0, 0.0, 38.92N-98.50E, h6km, mb4.1/2, ML4.1/15, Ms3.8/8, Ms7 3.8/5

ISC 21 19:49:46.3-0.5, 38.98N-106.98-45E, 0.05, h10km, n36, c202/37, mb3.9/13, Qinghai

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GTA, GTA, GTA, LZH, LZH, LZH, LZH, LZH, LZH, BTO, WMQ, WMQ, WMQ, WMQ, SONM, SONM, TLY, TLY, MKAR, MKAR, ODAN, JIRN, WHN, RAMN, KKN, PKI, PKIN, DMN, DANM, ZALV, ZALV, KURBB, KURBB, AAK, CMMT, CMAR, CMAR, CN2, KSR5, BVAR, FINES, BRTR, HFS, NB2, NOA, GERES.

Table with columns: ILAR, Eielson Array, 64.75, 26 P, P, 20 00 23.0 -1.4, comp=Z, 0.5nm, 0.7s, baz=299, slow=5.6, SNR=4.0

ISCJB 21 19:51:43.6E, 1.0, 14:24N, 0:10:145:8E, 0:2, h109km, mb3.9/9, Error ellipse: s-maj=23.5km s-min=10.6km

IDC 21 19:51:44.8E, 2.4, 14:26N, 145:74E, h103km, 16km, mb3.3/9, mb1 3.5/9, mb1mx3.3/5.5, mbtmp3.7/9, Error ellipse: s-maj=42.3km s-min=16.7km az=88.0

ISC 21 19:51:45.2E, 1.2, 14:30N, 0:1:145:7E, 0:2, h109km, n10, o#83/11, mb3.6/9, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GUMO, Guam, 1.07, 232, Op, ISC, h m s ISC, 19 52 07.5 +0.4

GCG 21 19:52:38.8E, 1.0, 14:01N, 92:55W, hgkm, 99km, MD4.0, MEX 21 19:52:43.4E, 0.6, 13:69N, 91:75W, h15km, 136km, MD4.0

ISCJB 21 19:52:43.7E, 2.5, 13:77N, 0:2:92:0W, 0:1, h37km, n14, o#235/18, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, THIG, THIG, 1.25, 348, Op, ISC, h m s ISC, 19 53 19.2 -1.1

IDC 21 19:55:58.2E, 1.4, 14:50S, 175:03W, h0km, mb3.9/6, mb1 4.3/6, mb1mx4.0/32, mbtmp3.9/6, Error ellipse: s-maj=19.2km s-min=19.3km az=147.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, STKA, Stephens Creek, 43.14, 239, Op, ISC, h m s ISC, 20 04 00.6 -0.2

JMA 21 20:05:10.4, 31:95N, 130:97E, h7km, 1km, M0.7, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JTA, Takazaki, 0.11, 116, P, Pg, 20 05 12.7 -0.2

NIED 21 20:05:00.29, 90N, 131:40E, h20km, Mw4.7 Best double couple: M1, 350000, 1016 NP1, 224, 00000, 83, 000000, 1, 100, 00000, NP2, 32, 00000, 861, 00000, 8, 84, 000000

JMA 21 20:05:41.2, 0.2, 29:92N, 131:38E, h28km, 2km, M4.4, ISCJB 21 20:05:43.2, 0.5, 30:00N, 0:02:131:25E, 0:04, h45km, 3km, mb4.5/58, MS4.5/24, Error ellipse: s-maj=6.2km s-min=3.2km az=27.0

MOS 21 20:05:43.2, 0.8, 30:18N, 131:20E, h39km, mb4.9/20, MS4.4/7, Error ellipse: s-maj=9.6km s-min=5.4km az=115.9

IDC 21 20:05:44.8E, 2.3, 30:13N, 131:08E, h40km, 20km, mb3.9/17, mb1 4.0/20, mb1mx3.9/36, mbtmp4.0/20, ML3.0/4, MS3.8/8, Ms1 3.8/8, ms1mx3.5/35, Error ellipse: s-maj=18.7km s-min=13.0km az=86.0

NEIC 21 20:05:45.5, 1.0, 30:12N, 0:04:131:10E, 0:09, h42km, 6km, mb4.7/57

ISC 21 20:05:43.6, 0.9, 30:08N, 0:04:131:18E, 0:05, h28km, 5km, n240, o#194/233, mb4.7/74, MS4.7/27, 9C-2D, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JMNT, Minamitane, 0.50, 323, Op, ISC, h m s ISC, 20 05 53.3 -0.2

Table with columns: JAM, Amami Oshima, 2.16, 220, P, Pn, 20 06 17.3 -0.4

JAM Amaminishikomi 2.53 224 P Pn 20 06 43.1 -0.4

JAM Tokunoshima 3.00 221 P Pn 20 06 52.8 0.0

JAM Natsukesu 3.04 355 P Pn 20 06 30.7 +0.8

JAM Okinoerabujima 3.55 221 eS Sn 20 07 16.9 -0.9

JAM Yoronjima 3.88 219 S Sn 20 07 23.9 -2.0

JAM Kunigami 4.12 219 Pn Sn 20 06 44.5 -1.3

JAM Kunigami 4.12 219 Pn Sn 20 06 45.6 +0.8

JAM Taejon 7.04 334 I Pn Sn 20 07 28.1 +2.1

JAM Inuyama 7.20 42 Sn Pn 20 08 06.6 -1.2

JAM Korea Array 7.84 341 Pn Pn 20 07 34.6 -1.1

JAM Hachiojima 7.94 65 LR LR 20 10 17.6

JAM Matsushiro 8.72 41 P Pn 20 07 49.0 +1.1

JAM Matsushiro Arr 8.72 41 Pn Pn 20 07 48.9 +0.9

JAM Matsushiro Arr 8.72 41 Pn Pn 20 07 49.4 +1.4

JAM Matsushiro Arr 8.72 41 Pn Pn 20 07 48.3 +0.3

JAM Matsushiro Arr 8.72 41 Pn Pn 20 07 48.8 +0.8

JAM Matsu-Tunnel 8.72 41 Pn Pn 20 07 49.0 +1.1

JAM Chichijima 10.12 104 LR LR 20 10 06.8

JAM Ussuriysk Arr 14.11 2 P Pn 20 08 59.4 -2.1

JAM Ussuriysk Arra 14.11 2 Pn Pn 20 08 59.4 -2.2

JAM Ussuriysk Arr 14.11 2 Pn Pn 20 09 05.4 -3.4

JAM Ussuriysk Arr 14.11 2 Pn Pn 20 09 00.3 -1.2

JAM Ussuriysk Arr 14.11 2 Pn Pn 20 09 03.3 -1.2

JAM Changchun 14.43 343 eS S 20 09 14.0 +1.5

JAM Wuhan 14.54 276 P Pn 20 09 16.1 +2.3

JAM Mudanjiang 14.56 356 Pn Pn 20 09 08.2 +0.5

JAM Ternei 15.53 151 eP pmax 20 09 25.6 +1.0

JAM Baijiatuu 15.77 313 P pmax 20 09 25.1 -2.3

JAM Baijiatuu 15.77 313 Pn Pn 20 09 25.1 -2.3

JAM Enshi 18.75 276 P Pn 20 10 00.1 -0.4

JAM Yuzh-Sakhalins 19.09 25 eP MLR 20 10 04.7 -0.2

JAM Xi'an 19.26 288 P Pn 20 10 06.9 -0.3

JAM Xi'an 19.26 288 P Pmax 20 10 05.9 -0.1

JAM Xi'an 19.26 288 P Pmax 20 10 05.9 -0.1

JAM Xi'an 21.04 9 eP P 20 10 03.8 +5.7

JAM Hailar 21.04 339 P pmax 20 10 24.9 -0.3

JAM Hailar 21.04 339 P P 20 10 24.9 -0.3

JAM Chengdu 23.62 279 eP P 20 10 51.5 -1.0

JAM Chengdu 23.62 279 S Smax 20 15 03.3 -2.1

JAM Lanzhou 23.63 292 eP LR 20 10 53.0 +0.4

JAM Lanzhou 23.63 292 pP pP 20 11 03.3 -0.5

JAM Lanzhou 23.63 292 sP pmax 20 11 06.3 +6.0

JAM Lanzhou 23.63 292 pP pmax 20 11 06.3 +6.0

Table with columns: WMQ, comp=Z, 10.0nm, 0.8s, pP, sP, 20 13 00.8 +0.5

WMQ comp=Z, 75nm, 4.5s pmax pmax 20 13 06.4 +8.2

WMQ comp=Z, 200nm, 10.9s LR LR 20 06 31.1 +1.1

WMQ comp=Z, 350nm, 17.7s LR LR 20 07 04.2 -1.2

WMQ Urumqi 36.93 304 P Pmax 20 12 50.3 +0.1

WMQ Urumqi 36.93 304 P P 20 12 50.3 +0.1

WMQ Kulim 37.89 325 P Iamb 20 12 58.8 +0.3

WMQ Kulim 37.89 325 P Iamb 20 13 16.6

TAPN Taplejung 38.05 277 eP P 20 12 59.7 -0.5

ODAN Odare 38.45 276 eP P 20 13 02.2 -1.3

RAMN Ramite 39.11 277 eP P 20 13 07.4 -1.6

JIRN Jiri 39.28 278 eP P 20 13 10.4 -0.1

KRVT Keravat (AS076) 39.60 146 LR LR 20 30 11.1

PKI Pulchoki 39.97 278 eP P 20 13 15.4 -0.9

PKIN Pulchoki 39.98 278 eP P 20 13 15.2 -1.1

KKN Kakani 40.03 278 eP P 20 13 16.1 -0.5

DMN Daman 40.22 278 eP P 20 13 17.3 -1.0

GKN comp=Z, 20nm, 0.9s 40.52 279 eP P 20 13 20.0 -0.6

ZAAO Zalesovo Array 40.90 319 P P 20 13 22.2 -1.0

ZAAO Zalesovo Array 40.90 319 P P 20 13 21.5 -1.7

ZALV comp=Z, 0.7nm, 0.4s, baz=104, slow=6.3, SNR=9.0 40.90 319 P P 20 15 22.6 -0.8

ZALV comp=Z, 2.9nm, 0.8s, baz=108, slow=3.8, SNR=7.3 40.90 319 P P 20 15 22.5 -0.7

ZALV comp=Z, 1.0nm, 0.5s 40.90 319 P Pmax 20 13 22.4 -0.8

ZALV comp=Z, 1.1nm, 0.6s 40.90 319 P Pmax 20 13 22.5 -0.8

ZALV comp=Z, 1.1nm, 0.6s 40.90 319 P Pmax 20 13 22.5 -0.8

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ZALV comp=Z, 1.1nm, 0.6s 40.90 319 P Pmax 20 13 22.5 -0.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PPLA Purkeypile, MLY Manley, RND Reindeer, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CLM Collin, TREC Trest, PRU Pruhoice, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like USRK Ussuriysk Ar., USRK Ussuriysk Ar., CN2 Changchun, etc.

Table with columns: Call sign, Name, Frequency, Band, Power, Direction, Date/Time, and other metadata. Includes stations like ODAN, RAMN, JIRN, PKI, etc.

Table with columns: Call sign, Name, Frequency, Band, Power, Direction, Date/Time, and other metadata. Includes stations like ARU, HRA, PPLA, KDAK, etc.

Table with columns: Call sign, Name, Frequency, Band, Power, Direction, Date/Time, and other metadata. Includes stations like SUMG, SUMG, SUMG, SUMG, etc.



Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters like temperature, pressure, and wind speed.

ISCJB 21 20:53:42.8, 0.7, 38.24N, 0.05:38.81E, 0.04, h2km, 10km, Error ellipse: s-maj=8.0km s-min=5.1km az=170.8

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

MAN 21 21:03:53.6, 9.24N, 126.27E, h44km, mb3.9, ML2.7, MS2.3, ID, Mindanao

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

JMA 21 21:04:17.3, 0.2, 29.92N, 131.97E, h25km, mb3, MS2, ID, Mindanao

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

ISCJB 21 21:16:4.6, 0.4, 17.25N, 0.06:94.84W, 0.04, h138km, 7km, Error ellipse: s-maj=10.6km s-min=5.1km az=17.9

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

ISCJB 21 21:54:22.4, 0.5, 6.78N, 0.09:124.0E, 0.2, h600km, mb3.9, Error ellipse: s-maj=28.7km s-min=10.3km

IDC 21 21:54:23.4, 1.5, 6.78N, 123.85E, h583km, 19km, mb3.2/9, mb1.3/4.0, mb1mx3.9/9.9, mbtmp4.3/10, Error ellipse: s-maj=38.7km s-min=10.5km az=72.0

MAN 21 21:55:06.2, 6.81N, 124.90E, h181km, mb4.1, ML2.9, MS2.5

ISC 21 21:54:24.0, 0.6, 6.8N, 0.1:124.1E, 0.2, h600km, n18, c158B, mb3.9/1C-1D, Mindanao

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

ISCJB 21 21:39:52.5, 1.4, 5.7S, 0.1:147.3E, 0.2, h195km, Error ellipse: s-maj=24.0km s-min=14.0km az=10.6

IDC 21 21:39:52.7, 2.1, 5.70S, 147.44E, h190km, 20km, mb3.3/3, mb1.3/6.5, mb1mx3.2/4.0, mbtmp3.9/5, Error ellipse: s-maj=47.0km s-min=15.8km az=118.0

ISC 21 21:39:53.4, 1.3, 5.7S, 0.1:147.2E, 0.2, h195km, n6, c257/10, Eastern New Guinea region

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

IDC 21 21:41:12.0, 4.3, 29.76S, 137.67E, h0km, mb1.2/7.3, mb1mx2.7/3.2, mbtmp2.5/3, ML2.4/3, Error ellipse: s-maj=119.1km s-min=23.7km az=47.0, South Australia

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

IDC 21 21:52:25.9, 1.6, 34.18N, 25.23E, h0km, mb3.4/2, mb1.3/6.3, mb1mx3.3/4.0, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=52.0km s-min=28.4km az=139.0

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

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Table listing meteorological data for stations in the Philippines, including station names, coordinates, and various meteorological parameters.

Table with columns: VHO, VHO, VHO, VHO, VHO, VHO, VHO, VHO, VHO, VHO. Includes station names like Vista Hermosa, Tlaga, Tepich, Las Juntas de Frank Sound, G.

IDC 21 22:18:27.9e.1.2,35°18N:26°80E, h0km, mb3.7/6, mb1 3.7/8, mb1mx3.5/59, mbtmp3.6/6, ML3.6/2, MS2.4/1, Ms1 2.4/1, ms1mx2.0/47, Error ellipse: s-maj=27.4km s-min=19.6km az=157.0

ISK 21 22:18:32.3,35°10N:26°89E, h18km, ML3.3/16 THE 21 22:18:33.5,35°18N:26°82E, h0km, ML3.2/5, Error ellipse: s-maj=3.2km s-min=0.7km az=149.0

ATH 21 22:18:33.7,35°20N:26°80E, h2km, ML3.3/6, Error ellipse: s-maj=3.4km s-min=0.9km az=153.0

ISC 21 22:18:32.8,1.1,35°10N:0.0:26°86E,0.02,h34km,3km, n75, c201/94, mb3.7/6, Crete

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Kastelli Herak, Arkhangelos, Nisyros Isl.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini, Datca, Thira Island.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini-Thir, Amorgos Island, Bodrum.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini-Thir, Amorgos Island, Bodrum.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini-Thir, Amorgos Island, Bodrum.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini-Thir, Amorgos Island, Bodrum.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini-Thir, Amorgos Island, Bodrum.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Santorini-Thir, Amorgos Island, Bodrum.

IDC 21 22:17:3.1,4.2,76S:139°75E, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/25, mbtmp4.0/8, ML4.1/2, MS3.5/2,

ISC 21 22:32:24.2,0.5,2,95S:0.06:139°42E,0.08,h46km,n48, c1961/49,mb4.1/11, Near north coast of Iran Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Faki, PMG, COEN, MNTN, KNRA.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Bati, WBO, WR0, WR0.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like FITZ, AS31, AS31, ASAR.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like RPSI, CM31, CMAR, CMAR.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CMAR, BHW, PLWZ, GSTR.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like GSTR, MK32, MKAR, NIL.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like NIL, KKAR, CAST, RCO1.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like RCO1, GHO, SCM, FID.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like FID, GEYT, ABKAR, ILAR.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like ILAR, ILAR, VDRD, JIS, YKA.

Table with columns: KBK, Karagaybulak, baz=1.0, 2.92, 4, P, Pn. Includes station Karagaybulak.

Table with columns: KBK, Karagaybulak, baz=1.0, 2.92, 4, P, Pn. Includes station Karagaybulak.

Table with columns: BTK, Batken, baz=82, 2.97, 277, P, Pn. Includes station Batken.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

Table with columns: EKS2, Erkin-Say, baz=46, 2.99, 348, P, Pn. Includes station Erkin-Say.

MAN 21 22:58:01.5, 5.02N:126°69E, h36km, mb4.8, ML3.8, MS3.7, 1C, Mindanao

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

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

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

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

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

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

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

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

KRNET 21 22:39:12.8,0.1,39°49N:74°85E, mb3.1, NNC 21 22:39:14.3,2.5,39°73N:74°46E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=19.7km s-min=10.8km az=164.0

ISC 21 22:39:16.7,2.8,39°74N:0.08:74°56E,0.04,h6km,17km, n38, c151/53,24C-17Z, Southern Xinjiang

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

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

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

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

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

IDC 21 22:58:18.6,0.4,52°25N:173°88E, h0km, mb5.0/47, mb1 5.1/51, mb1mx5.0/67, mbtmp5.0/51, ML4.7/4, MS4.1/25, MS-1 4.1/25, ms1mx4.0/32, Error ellipse: s-maj=12.0km s-min=9.3km az=161.0

BUI 21 22:58:20.4,0.0,52°16N:173°67E, h19km, mb5.3/65, mb1 5.3/65, MS4.8/29, MS7.4/32

NEIC 21 22:58:22.8,1.4,52°28N:0.06:173°78E,0.09,h25km,2km, mb5.1/49S, ML4.3(AEIC)

MOS 21 22:58:22.0,9.52°32N:173°80E, h30km, mb5.5/49, MS4.5/16, Error ellipse: s-maj=6.5km s-min=4.2km az=99.5

ISCJB 21 22:58:23.5,0.4,52°28N:0.03:173°90E,0.07,h43km,3km, mb5.1/194, MS4.3/53, Error ellipse: s-maj=4.3km s-min=2.1km az=176.5

AEIC 21 22:58:23.1,4.52°27N:0.06:173°86E,0.09,h25km,3km, GCMT 21 22:58:26.0,0.3,52°30N:0.02:173°84E,0.03,h35km,1km, MW-0.101, Moment Tensor Solution s48,66S, s101,c131, Duration: 0 Moment tensor: Scale: 10^16Nm; Mn:2.86; 17; Mw:3.31; 12; Mw:0.45; 11; Mw:2.38; 14; Mw:0.82; 08; Mw:1.68; 12; Best double cut: 1.74,000000. NP2:0.277,000000. s28,000000. 1.23,000000. Principal axes: T 4.1730, Plg64.000000, Azm305.000000; N 0.3230, Plg14.000000, Azm68.000000; P -4.4890, Plg21.000000, Azm163.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 21 22:58:24.2,0.5,52°30N:0.04:173°81E,0.03,h35km,2km, h35km,PP-P, n1214, c1904/1165, mb5.1/406, MS4.4/55, 30C-42D, Near Islands

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

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



Table with columns for station name (e.g., McKenzie Canyon, Flin Flon), frequency (47.18, 47.25), power (68, 52), and other technical details. Includes stations like Battle Mountain, Bozenan (W), Kaiserville, Fort Churchill, etc.

Table with columns for station name (e.g., East Wray Mesa, Nyswonger Mesa), frequency (53.58, 53.59), power (73, 72), and other technical details. Includes stations like Chengdu, Kurchatov, Ogallala, etc.

Table with columns for station name (e.g., Cedar Bluff, Holcombe), frequency (58.51, 58.60), power (66, 55), and other technical details. Includes stations like Rib Lake, Permogore, etc.



Table with columns: call sign, name, frequency, mode, class, time, and other parameters. Rows include Andrews Acres, Cattelitsburg, Beattyville, Burton, Dangsing, Umpang Tak, Blasjo, West Decatur, Leroy, Ligonier, Binghamton, McMinnville, Uthairani, Salversville, Cooperstown, Adirondack Com, Hurricane, Sunshine Farm, Sunshine Farm, Mont Chateau, Gray, Bathurst New B, Cove Mills, Harry Jones Me, Lisbon, Milan, Reedsville, Blue Knob Stat, Blue Knob Stat, Standing Stone, Standing Stone, Beividier, Lant Hill Farm, Milroy, Koldanda, Hartselle, Price's Panora, Sewanee, Walton, Walton, Peaks-Kenny Pk, Pikeville, Halle, Halle, Buckhannon, La Follette, Galich'ya Gora, Chester, Tazewell, Tazewell, Sunbury, Sunbury, Tamworth, Dayton Farm, Waymart, Signal Mountain, Signal Mountain, Zarasai, Ambershon, Loudon, Loudon, Dingess, Beckl, Wise, Thom Hill, Waterville, Snartem, Snyder Ridge, Salaks, Novokhoporsk, Cooper Cave, Henniker, Marlinton, Marlinton.

Table with columns: call sign, name, frequency, mode, class, time, and other parameters. Rows include Cleveland, Livingston, Livingston, State Game Lan, State Game Lan, Fort Paine, Ignalina, Sevierville, Sevierville, Lewisberry, Pennsylvania G, Blount Mountain, Blount Mountain, Lewisburg, Tazewell, Fall Branch, Roy Jarvis, Royalston, Paburg, Bull Pasture M, Strafford, Robesonia, Paberze, Calhoun, Calhoun, Kent School, Lakeview Retre, Lehigh Unvers, Nelsons Funny, Nelsons Funny, Murphy, Deer Lake, Saint George, Dunstable, East Machias, Saluda, Saluda, Storozevoje, Telford, Blacksburg, Blacksburg, Blacksburg, Nilore, Nilore, Soldier's Deli, Caledonia Moun, Jarrettsville, Stanardsville, Rockmart, Ashland, Ashland, Weston, Weston, Weston, Dahlonaga, TAZ, Sparta, Nebo, Bryant College, Estanollee, Taylorsville, Taylorsville, Liblun, Liblun, Cherokee Point, Hurt, Monsted U'grnd, Monroe, Grady, Sibiu, Williamson, Mocksville, Belton, Kings Mountain, Kings Mountain, Pauline, Grand View Acr, Blanch.

Table with columns: call sign, name, frequency, mode, class, time, and other parameters. Rows include Suwalki, Suwalki, Waverly Hall, Godefrey, Hodges, Monticello, Tignal, BSD, Halifax, Halifax, Kabul, Kabul, Double "B" Far, Godfrey, Invergoldie, Wincy Hill, Pi, Loch Awe, White Oak, Saluda, Gilead, Sparta, Jenkinssville, Jenkinssville, Abbeville, Littleton, Stonyeypath, Middlesex, Glentferbraes, Niue, Niue, Eskdalemuir, Eskdalemuir, Eskdalemuir, Kuching, Kuching, Malin Array Be, Gorka Klasztor, Gorka Klasztor, Hazlehurst, Hazlehurst, Malin Array Be, Malin Array Be, Edmunds, Mare, Loyalty, Skidaway Islan, Belsk, Belsk, Haverah Park, Haverah Park, Songkhla, Trng, Alibeck, Alibeck, Alibeck ARRAY, Gofitskoje, Hilliard, Hilliard, Mont Dumac, Manton Dam, Ladybower, Ladybower, Pomarioire Ree, Groznyy, Groznyy, Tiapa, Tiapa, Soe, Soe, Stoke, Stoke, L'vov, L'vov, Lanuwychilyn, Charnwood Fore, Kislovodsk Arr, Kislovodsk, Kislovodsk, Kislovodsk, Kislovodsk, Kislovodsk, Kislovodsk, Kislovodsk, Kislovodsk, Kislovodsk.

21d 22h

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like KBZ, PBA, KSP, KSC, CLL, etc.

2013 SEP

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like NKC, KIS, KIS, KIS, KIS, etc.

1180

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like MLR, Muntele Rosu, Muntele Rosu, etc.





22d 1h

0.8nm,0.4s,baz=337,slow=1.1,SNR=9.2
GERES GERES Array B 76.73 331 P 23 50 54.3 -0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TBKS Tabuk, OLABS Al Qalibar, BIDS Bir al Bayda, etc.

MEX 22 00:36:25.1d.0.5, 177.1N, 101.42W, h43km, 6km, MD3.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZIG Zihuatanejo, ARIG Puento Sto Nin, CAIG El Cayaco, etc.

NEIC 22 00:39:06.9d.0.6, 15.7N, 102.93W, h70km, 10km, MD4.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG Zihuatanejo, TGIG Puento Sto Nin, CMIG Matias Romero, etc.

ISCJB 22 00:42:42.0d.1.0, 31.35N, 104.86E, h10km, m3.8/15, MS3.3/12

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

BUI 22 00:42:47.2d.0.0, 31.62N, 86.29E, h7km, ML3.7, Ms3.8/1

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

2013 SEP

Main table of station data for 2013 SEP. Columns include Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOHI KOHUMA, AZL Aizawl, NIL Nilore, etc.

ISCJB 22 00:45:04.9d.0.3, 37.06N, 104.05E, h25km, 4km, Error ellipse: s-maj=6.2km, s-min=3.8km, az=160.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CEYT Ceytan, YURE YUREGIR, AKO Adana, etc.

1182

BERE Bereket-Mersin 2.23 252 PN Pn 00 45 40.0 -0.5
TEKE Tekeli-Mersin 2.39 248 PN Pn 00 45 43.1 +0.3

WEL 22 01:07:52.6d.1.2, 36.5S, 16.178E, 1.5, h191km, 25km, M3.5/9, ML3.5/9, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, WAZ Waioniatini S, HAZ Te Kaha, etc.

SOME 22 01:48:50.0, 40.85N, 74.97E, h0km, NNC 22 01:48:51.0, 40.83N, 74.95E, h0km, mb3.6, mpv3.2

Error ellipse: s-maj=12.3km, s-min=8.2km, az=1.0
KINET 22 01:48:52.0, 41.00N, 74.91E, h1km, ml2.8, Error ellipse: s-maj=7.9km, s-min=4.4km, az=164.0

ISC 22 01:48:51.1d.1.5, 40.91N, 74.97E, h4km, 13km, n51, c1918/3, 29C-16D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NNR Naryn, ARLS Aral, KZA Kyzart, etc.

ISC 22 00:45:04.9d.0.3, 37.06N, 104.05E, h25km, 4km, Error ellipse: s-maj=6.2km, s-min=3.8km, az=160.4

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IZV, SGDS, TNS5, TNS6, MDOK, KTBS, ARX5, BTLS, PDGK, DJR, CHMS.

KRNET 22 02:16:05.0.0.1, 39.97N, 75.77E, mb3.5
SOME 22 02:16:05.0, 40.07N, 75.70E, h10km
NCC 22 02:16:07.1.1.3, 40.12N, 75.66E, h0km, mb3.9, mpv3.6,
Error ellipse: s-maj=9.2km s-min=6.2km az=170.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NRN, KZA, ARLS, ULHL, UCH, KDJ, ARSB, BOOM, AML, KBK, AAK, TKM2, KST, CHMS.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHMS, IZV, ANVS, TNS5, DGS, MRKS, MDOK, KNCDC, USP, ARK, SATY, KTBS, KUU, CHKK, UZB, SHLS, PDGK, ARX5, IUG, KK31, DJR, KAPS, MEX 22 02:28:40.4.0.4, 24.04N, 100.37W, h6km, gkm, MD3.8, LNJG, ZAIG, IDC 22 02:30:52.7.2.0, 41.75S, 133.29E, h0km, mb3.8/2, WRA, FITZ, ASAR, CTA, MKAR, NNC 22 02:41:36.5.7.7, 37.11N, 71.19E, h0km, mb3.7, mpv3.5, 4C-2D, Error ellipse: s-maj=71.1km s-min=46.7km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31, AAK, TKM2, AB31, WRA, ASAR, MKAR, JMA, NIED, JHK, JKD, JHT, JHM, JHM, JGT2, JGT2, JNU, JNU, KRSR, KRSR, MJAR, MJAR, WRA, ASAR, WEL 22 03:49:42.1, 40.54S, 174.4E, h127km, gkm, M3.7/24, NNZ, QRTZ, QRTZ, TCW, TCW, TUWZ, TUWZ, NMEZ, NMEZ, LREZ, LREZ, PREZ, PREZ, KHEZ, KHEZ, NBEZ, NBEZ, BSWZ, BSWZ, OGWZ, OGWZ, CAW, CAW, WAZ, WAZ, BHW, BHW, CMWZ, CMWZ, OHWZ, OHWZ, THZ, THZ, HWEZ, HWEZ, MRZ, MRZ, MSWZ, MSWZ, MTW, MTW, VRZ, VRZ, PLWZ, PLWZ, POWZ, POWZ, PKVZ, PKVZ, MKVZ, MKVZ, KHZ, KHZ, DSZ, DSZ, TRWZ, TRWZ, TMWZ, TMWZ, TSZ, TSZ, TRVZ, TRVZ, KHZ, KHZ, DRZ, DRZ, FWZ, FWZ, WHVZ, WHVZ, DVHZ, DVHZ, PWVZ, PWVZ, TUVZ, TUVZ, TWZ, TWZ, NGWZ, NGWZ, CPWZ, CPWZ, BFZ, BFZ, PNHZ, PNHZ, KRVZ, KRVZ, BHHZ, BHHZ, HIZ, HIZ, KATZ, KATZ, WPHZ, WPHZ, KRHZ, KRHZ, RITZ, RITZ, RATZ, RATZ, PRHZ, PRHZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KWHZ Kaweka Forest, LTZ Lake Taylor, etc.

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

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

ISCJB 22 04:03:59.8,0.6, 11.26N,0.05:126.38E,0.04, h10km, mb3.97, MS3.2/3, Error ellipse: s-maj=7.5km s-min=5.9km az=177.5

IDC 22 04:04:00.2,1.8, 11.29N,126.41E, h0km, mb3.97, mb1.4, 0.7, mb1mx3.7/37, mbmtpp3.97, MS3.4/4, M1 3.4/4, ms1mx2.9/32, Error ellipse: s-maj=155.4km s-min=19.0km az=69.0

MAN 22 04:04:02.1, 11.31N, 126.19E, h20km, MS3.6, NEIC 22 04:04:07.1, 0.8, 11.22N,0.03:126.4E,0.7, h50km, 12km, mb4.2/4

ISC 22 04:04:02.4, 0.9, 11.36N,0.05:126.30E,0.08, h10km, n32, s1959/26, mb4.0/9, MS3.2/3, 2C-1D, Philippine Islands region

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

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

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

GCG 22 04:50:30.2,0.5, 14.57N,93.51W, h37km, 999km, MD4.1, ISCJB 22 04:50:31.4, 1.3, 14.26N,0.07:93.29W,0.06, h10km, Error ellipse: s-maj=1.5km s-min=5.6km az=39.1

MEX 22 04:50:32.0, 0.5, 14.02N,93.26W, h40km, 56km, MD4.1, ISCJB 22 04:50:32.0, 0.2, 14.37N,0.07:93.20W,0.08, h10km, n8, s1840/15, Near coast of Chiapas

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

BUI 22 05:28:09.0, 0.0, 2.10N,66.80E, h6km, mb4.9/41, mb5.3/28, Ms4.8/14, Ms7.4/6/15

ISCJB 22 05:28:09.0, 0.2, 2.19N,0.03:66.70E,0.03, h10km, mb4.7/126, MS4.2/31, Error ellipse: s-maj=4.8km s-min=3.6km az=14.4

MOS 22 05:28:09.7, 1.1, 2.15N,66.64E, h16km, mb5.0/76, Error ellipse: s-maj=6.5km s-min=4.4km az=106.0

IDC 22 05:28:09.0, 0.4, 2.29N,66.77E, h0km, mb4.5/29, mb1.4, 0.2/0, mb1mx4.5/35, mbmtpp4.5/30, ML4.1/1, MS4.0/24, MS1.4/0/24, ms1mx4.0/32, Error ellipse: s-maj=12.3km s-min=12.0km az=150.0

NEIC 22 05:28:10.1, 2.2, 2.16N,0.08:66.81E,0.07, h10km, 2km, mb4.9/115

GCMT 22 05:28:13.8, 0.3, 2.21N,0.03:66.76E,0.03, h12km, MV4.8/85, Moment Tensor Solution, s5; s5; s85,c118; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-2.01/0; Mw-1.58; 07; Mw0.56; 08; Mw-0.14; 33; Mw-1.17; 07; Mw1.45; 39; Best double couple: Mo2.22000x10^16 Np1.3x10^20000; s2.00000x10^-75.00000; Np2: s4.00000x10^20000; 1.108.00000; Principal axes: 2.3040, Plg0.0000; Azm216.0000; N-0.1630; Plg12.0000; Azm307.0000; P-2.1400, Plg77.0000; Azm99.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 22 05:28:10.7, 0.3, 2.14N,0.05:66.76E,0.04, h10km, n425, s1950/424, mb4.8/149, MS4.2/31, 40C-8D, Carlsberg Ridge

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

IDC 22 04:20:04.1, 1.1, 39.28S,176.04E, h62km, 13km, mb3.8/3, mb1.3/9.5, mb1mx3.7/18, mbmtpp4.0/5, Error ellipse: s-maj=26.3km s-min=10.3km az=129.0

ISCJB 22 04:20:05.0, 2.0, 39.16S,176.02E,0.03, h84km, 2km, mb4.0/3, Error ellipse: s-maj=3.6km s-min=2.6km az=26.3

NEIC 22 04:20:05.4, 1.8, 39.19S,176.00E,0.07, h81km, 5km, WEL 22 04:20:07.3, 8.2, 39.17S,176.0E,1.7, h65km, 4km, MS3.8/23, ML-1.1/19, MLv3.8/23, Error ellipse: s-maj=0.0km s-min=0.0km az=102.3

ISC 22 04:20:06.0, 0.7, 39.18S,176.02E,0.03, h85km, 4km, n188, s1950/210, mb4.0/4, North Island

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

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like ATD, RER, OPO, ABPO, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like KMI, LEM, LSZ, DLV, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like KURK, ANN, MDUB, etc.

22d 5h

Table of astronomical observations for 22d 5h, listing stations like GZR, AKASG, AKABB, etc., and their corresponding data points.

2013 SEP

Table of astronomical observations for 2013 SEP, listing stations like CLL, DAVE, FIAO, etc., and their corresponding data points.

1186

Table of astronomical observations for 1186, listing stations like CTAO, CAN, SNA, etc., and their corresponding data points.

ISCJB 22 05:46:03.6±0.0, 37.9N; 0.2±101.7E±0.2, h7km, mb3.7/6, Error ellipse: s-maj=3.1, 7km s-min=5.1, 1km az=135.4

IDC 22 05:46:06.2±1.4, 37.99N; 101.71E±0.6, h0km, mb3.7/6, m1 3.7/8, mb1mx3.5/44, mbtm3.6/8, ML2.9/2, Error ellipse: s-maj=46.9km s-min=26.9km az=43.0

BUI 22 05:46:06.0±0.0, 37.72N; 101.51E±0.5, h7km, ML3.6/13, Ms3.4/3, Ms7 3/32

ISC 22 05:46:06.9±0.7, 37.9N; 0.2±101.7E±0.1, h7km, n13, c28/15, mb3.7/6, 1C, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, listing various stations and their observation details.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like BOOM Boomskeye usch, AML Alamyshu, AML Alamyshu, KBK Karagaybulak, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like CNGN Cerro Negro, CRIN San Cristobal, CFTN Copalpete, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like ILAR Eileison Array, KSH Kashi, LZH Lanzhou, etc.

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

ICD 22:05:46:47.1.3.1, 33.655x177.81W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.7/23, mbtimp3.8/3, ML3.5/1, Error ellipse: s-maj=77.22km s-min=36.4km az=125.0, South of Kermadec Islands

IDC 22 06:06:37.6:1.6,5:34N-94:41E,h60km,12km,mb4.2/25,mb1.4/3.28,mb1mx4.2/43,mbtmp4.5/28,MS3.6/12,Ms1.3/6.12,ms1mx3.3/40,Error ellipse: s-maj=16.8km s-min=7.8km az=42.0

ISC 22 06:06:35.9:0.5,5:25N:0:04:94:31E:0.04,h56km,3km,h57km:pp-P,n344,ei1933/380,mb4.6/100,MS3.8/13,25C-10D,Northern Sumatara

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists seismic stations in Banda Aceh, CMBY, MLI, LHM, SNI, etc.

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists seismic stations in H08S2, H08S3, H08S1, CD2, KAPI, etc.

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists seismic stations in MK32, MKAR, MKAR, MKAR, etc.

Table of meteorological data for stations GAZ through GEC2, including fields for station name, time, and various atmospheric parameters.

Table of meteorological data for stations GEC2 through GEC2, including fields for station name, time, and various atmospheric parameters.

Table of meteorological data for stations AMTX through AMTX, including fields for station name, time, and various atmospheric parameters.



22d 8h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Karagaybulak, Kyzart, Kurty, Chushkaly, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Kurchatov Arra, Kurchatov Arra, Kurchatov Arra, etc.

1190

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Atka Island, Mount Klituef, Kodiak Island, etc.

IDC 22 08:11:15.4-0.6, 13.330N, 050.36E, h0km, mb4.0/19, mb1 4.2/21, mb1mx4.0/4.1, mb1mp4.1/21, ML4.0/2, MS3.4/7, Ms1 3.4/7, ms1mx3.1/39, Error ellipse: s-maj=19.7km s-min=14.1km az=100.0

ISCJBJ 22 08:11:16.3-0.3, 13.337N, 050.52E, 0.05h21km, mb4.0/19, MS3.4/5, Error ellipse: s-maj=6.9km s-min=6.1km az=136.7

NEIC 22 08:11:16.1-1.5, 13.333N, 050.45E, 0.09h10km, mb4.0/20

ISC 22 08:11:18.1-0.5, 13.334N, 050.72E, 0.07h21km, n64, r12/59, mb4.1/26, MS3.5/5, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAMY Dhamar, ATD Arta Tunnel, RAYN Ar Rayn, WSAR Wadi Sarin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABKAR Akbulak Array, MATP Matopo, BURAR Bucovina Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRVK Borovoye Array, MK32 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STAL STALIGAL, GECZ GERESS Array B, etc.

Table with columns: OPAM Oficina de Pla, UESS Universidad de, MOYB Moyuta, etc. Includes station codes and coordinates.

VAO 22 08:41:31.9-0.6, 7.110S, 80.85W, h10km, mb4.8

IDC 22 08:41:31.6-0.7, 7.110S, 80.70W, h0km, mb4.4/16, mb1 4.5/21, mb1mx4.4/32, mb1mp4.4/21, ML3.5/5, MS4.4/14, Ms1 4.4/14, ms1mx4.3/19, Error ellipse: s-maj=21.2km s-min=12.9km az=54.0

ISCJBJ 22 08:41:32.2-1.6, 7.14S, 0.03:80.68W, 0.04, h19km, 11km, mb4.7/35, MS4.4/16, Error ellipse: s-maj=7.0km s-min=3.2km az=153.4

MOS 22 08:41:34.8-1.3, 7.10S, 80.55W, h35km, mb5.0/16, Error ellipse: s-maj=13.7km s-min=6.1km az=106.9

NEIC 22 08:41:34.7-1.5, 7.18S, 0.07:80.60W, 0.07, h28km, 3km, GMT 22 08:41:35.7-0.3, 7.24S, 0.02:80.87W, 0.02, h21km, MV5.1/104, Moment Tensor Solution, s64, c77, s104, c149; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=4.45; M1=1.19; M2=1.11; M3=3.26; L2; M6=0.71; L1; M7=1.27; O7; M8=4.52; L2; Best double couple; M6=1.7000x10^16; NP=166.00000; 869.00000; 2.9.00000; NP2=325.0000; 822.0000; 1.73.00000; Principal axes: T 6.5370, P165.0000; Azm88.0000; N -0.7350, P16.0000; Azm34.0000; P -5.8030, P162.0000; Azm251.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 22 08:41:34.6-0.5, 7.18S, 0.04:80.72W, 0.05, h25km, 3km, h25km; pp-P, n476, r121/508, mb4.8/98, MS4.5/16, 6C, 3K

Off coast of northern Peru

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

Table with columns: CHIC Chingaza, CBOC Ciudad Bolivar, CBOC Ciudad Bolivar, etc. Includes station codes and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTGA Pitinga, LCO Las Campanas, etc.

22d 8h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Paso Flores, PLCA, TRQA, and others.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V52A, V51A, V49A, and others.

1192

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q51A, CCM, TRQA, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like AHD Auburn Hatcher, REDW Red Top Mountain, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like H1N1 WAKE ISLAND Hy13.43 288, H1S2 WAKE ISLAND Hy13.62 287, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like CTAO Charters Tower, BBOO Buckleboo, COEN Coen, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like SLVN, LAMP, CHMT, etc. with their respective coordinates and parameters.

ISCJB 22 10:05:19.7,0.7,7.43N;0.06E;127.23E;0.05,h10km, mb3.8/8, Error ellipse: s-maj=8.8km s-min=6.7km az=179.7

MAN 22 10:05:19.6,7.22N;127.39E,h9km,MB3.8, IDC 22 10:05:30.0,3.2,7.36N;127.11E,h81km,30km,mb3.6/8, mb1.3/8,mb1mx3.4/36,mbtmp3.9/8, Error ellipse: s-maj=32.8km s-min=14.9km az=78.0

ISC 22 10:05:21.0,0.9,7.33N;0.07E;127.25E;0.07,h10km,n18, z=291/19,mb3.8/8,2C-1D,Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MATI, BIP, DAV, etc. with their respective coordinates and parameters.

ISCJB 22 10:11:8.1,5.5,8.0S;0.10x;147.2E;0.2,h77km,mb3.8/3,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Error ellipse, IDC 22 10:10:14.5,7.5,5.90S;147.36E,h93km,76km,mb3.7/3, etc.

MEX 22 10:29:11.1,0.7,24.62N;100.63W,h17km,999km,MD3.7, Central Mexico

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LNIG, ZAIG, ZAIG with their respective coordinates and parameters.

IDC 22 10:36:32.9,1.2,0.41S;98.60E,h0km,mb4.2/10, mb1.4/212,mb1mx0.4/47,mbtmp4.1/12,ML4.0,MS3.1/1, Ms1.3/31,ms1mx2.6/37,Error ellipse: s-maj=45.1km s-min=16.1km az=61.0

DJA 22 10:36:32.7,1.1,0.54S;9.8E;h24km,5km,M4.3/9, mb4.3/1,MLV4.3/9

NEIC 22 10:36:38.9,2.4,0.5S;0.1x;98.3E;0.1,h45km,4km, mb4.5/11

ISC 22 10:36:33.1,0.7,0.48S;0.06E;98.06E;0.08,h10km,n53, z=180/49,mb3.4/15,Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PBSI, SISI, SISI, etc. with their respective coordinates and parameters.

SKHL 22 11:22.0,0.0,5.2;94N;152.39E,h459km,9km,mb4.9/3, msh4.7/2

ISCJB 22 11:22.1,4.0,3.0,52.56N;0.05E;152.94E;0.06,h500km, mb3.4/15, Error ellipse: s-maj=6.8km s-min=4.4km az=152.6

MOS 22 11:22.1,5.0,9.52S;152.84E,h504km,mb3.8/6, Error ellipse: s-maj=13.2km s-min=7.9km az=60.6

IDC 22 11:22:30.0,8.52S;152.68E,h494km,11km, mb2.0/10,mb1.3/215,mb1mx2.9/15,mbtmp3.8/15, Error ellipse: s-maj=18.9km s-min=11.3km az=16.0

KRSC 22 11:22:38.1,7.5,52.40N;153.53E,h497km,22km,ML4.4

ISC 22 11:22:17.0,5.52S;151.00E;152.96E;0.07,h500km,n85, z=217/13,mb3.5/15,3C-4D,Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PAU, PAU, SKR, etc. with their respective coordinates and parameters.

IDC 22 10:39:57.9,1.7,16.76S;177.93W,h0km,mb3.7/6, mb1.4/0,6,mb1mx3.8/37,mbtmp3.7/6, Error ellipse: s-maj=117.6km s-min=22.9km az=149.0,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like STKA, WRA, ASAR, etc. with their respective coordinates and parameters.

ISCJB 22 10:42:45.9,1.0,11.9S;0.3x;167.6E;0.3,h317km,mb3.7/9, Error ellipse: s-maj=55.7km s-min=15.8km az=143.3

IDC 22 10:42:50.5,2.1,0,11.88S;167.59E,h352km,226km, mb3.8/mb1.3/69,mb1mx3.9/35,mbtmp4.0/9, Error ellipse: s-maj=77.9km s-min=48.9km az=8.0

ISC 22 10:42:47.1,1.1,11.8S;0.3x;167.7E;0.3,h317km,n9,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CTA, STKA, WRA, etc. with their respective coordinates and parameters.

IDC 22 11:05:05.1,8.3,22.94S;177.26W,h247km,73km,mb3.5/7, mb1.3/7,8,mb1mx3.4/40,mbtmp4.1/8, Error ellipse: s-maj=35.8km s-min=28.5km az=131.0

ISC 22 11:04:55.3,0.8,23.4S;0.1x;176.5W;0.2,h167km,n14, z=170/7,mb3.8/7,South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, URZ, URZ, etc. with their respective coordinates and parameters.

ISC 22 11:29:20.2,1.2,48.23N;0.06E;21.31E;0.03,h7km,13km, n7,c092/12,2C-3D,Hungary

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KECS, KECS, KECS, etc. with their respective coordinates and parameters.

SKHL 22 11:22.0,0.0,5.2;94N;152.39E,h459km,9km,mb4.9/3, msh4.7/2

ISCJB 22 11:22.1,4.0,3.0,52.56N;0.05E;152.94E;0.06,h500km, mb3.4/15, Error ellipse: s-maj=6.8km s-min=4.4km az=152.6

MOS 22 11:22.1,5.0,9.52S;152.84E,h504km,mb3.8/6, Error ellipse: s-maj=13.2km s-min=7.9km az=60.6

IDC 22 11:22:30.0,8.52S;152.68E,h494km,11km, mb2.0/10,mb1.3/215,mb1mx2.9/15,mbtmp3.8/15, Error ellipse: s-maj=18.9km s-min=11.3km az=16.0

KRSC 22 11:22:38.1,7.5,52.40N;153.53E,h497km,22km,ML4.4

ISC 22 11:22:17.0,5.52S;151.00E;152.96E;0.07,h500km,n85, z=217/13,mb3.5/15,3C-4D,Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PAU, PAU, SKR, etc. with their respective coordinates and parameters.

Table with columns: SPN, Station Name, Az, El, SNR, P, Time, Res. Includes stations like Mys Shipunski, Esso, Kizimen, Tumor, Sredinnyy, etc.

Table with columns: CTAD, Station Name, Az, El, SNR, S, Time, Res. Includes stations like Mercader, El Junon, Orchilla, etc.

Table with columns: CMIG, Station Name, Az, El, SNR, S, Time, Res. Includes stations like Matias Romero, Ixapco, Moyuta, etc.

22d 13h

Table with columns for station name, frequency, and other technical details. Includes stations like PUNG Pungina, SELS Selova, OUR Ouranopolis, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like BZS Buzias, MAKR Makrakomi, BRY Bratogost, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like BCIP Dabeiba, AZU Azuero, BRUJ Volcan, etc.

ISCJB 22 13:10.09.1±0.5, 33°46'N, 02°11'16.59W, 0.02, h8km, 4km, Error ellipse: s-maj=3.0km s-min=2.6km az=174.0, NEIC 22 13:10.09.6±1.4, 33°44'N, 01°04'11.61W, 0.05, h7km, 2km ANF 22 13:10.09.4±0.2, 33°46'N, 11°06'11.77W, 1km, ML3.3/23, Error ellipse: s-maj=1.3km s-min=1.2km az=89.0, PAS 22 13:10.0.5, 33°46'N, 11°06'11.3km, ML3.5, MEX 22 13:10.12.0±0.9, 33°36'N, 11°07'33W, h10km, MD3.8, ISC 22 13:10.09.6±0.9, 33°45'N, 02°11'16.59W, 0.02, h14km, 7km, n67, c088/89, Southern California

Table with columns: SWSC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BBRC, IKP, BC3, TJGJ, etc.

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

Table with columns: SIRR, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Siria, Kasperke Hory, GZRA, etc.

MEX 22 13:13.0:0.5, 27.566N x 104.74W, h16km, 71km, MD4.0, Northern Mexico

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

Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, MK32, ARK0, etc.

0650/14, Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like THIG, FUG3, IKG, etc.



Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Baumata, Bati, BKS, etc.

WEL 22 14:24:28.6:0.9,36°S:9°17'9"E, h177km, ±11km, M3.6/24, MLV3.6/24, Error ellipse: s-maj=0.0km s-min=0.0km az=119.7, Off east coast of North Island

Code Station Name Az Phase ID Op ISC h m s Res ISC. Includes stations like MXZ, WMGZ, etc.

IDC 22 14:28:24.5:1.6, 12°19'S:166°28'E, h0km, mb4.0/7, mb1.4/1.8, mb1mx3.8/4.4, mbtmp4.1/8, ML4.6/1, MS3.4/2, Ms1.3/4.2, ms1mx2.9/2.0, Error ellipse: s-maj=48.2km s-min=27.0km az=135.0

ISCJB 22 14:28:38.5:0.7, 12°71'S:0°08'165.6"E:0.1, h100km, mb3.8/7, Error ellipse: s-maj=16.7km s-min=8.1km az=143.3

NEIC 22 14:28:39.9:1.3, 12°69'S:0°09'165.7"E:0.2, h100km, mb4.0/7, mb4.1/3

ISC 22 14:28:39.0:0.7, 12°68'S:0°1'165.7"E:0.1, h100km, n24, s-r126/23, mb3.6/9, Santa Cruz Islands

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

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

NDI 22 14:35:55.8:3.2, 30°50'N:81°81'E, h35km, 39km, ML3.4 IDC 22 14:35:56.6:1.4, 29°97'N:81°41'E, h0km, mb3.7/9, mb1.3/8.12, mb1mx3.6/4.6, mbtmp3.7/12, ML3.8/3, MS3.1/5, Ms1.3/1.5, ms1mx2.8/3.6, Error ellipse: s-maj=41.4km s-min=16.7km az=59.0

ISCJB 22 14:35:59.4:0.5, 29°95'N:0°05'81.5"E:0.05, h33km, mb3.5/8, MS3.0/3, Error ellipse: s-maj=7.0km s-min=6.8km az=160.7

ISC 22 16:00:00.3:0.7, 30°02'N:0°06'81.6"E:0.05, h33km, n27, s-r127/25, mb3.7/8, MS3.1/3, Xizang

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

AAK comp=E,0.1nm,0.3s,baz=325,slow=2,SNR=2.8 AAK comp=E,0.1nm,0.3s,baz=325,slow=2,SNR=2.8

AAK comp=E,85nm,20.3s,baz=137,slow=41 AAK comp=E,85nm,20.3s,baz=137,slow=41

AAK comp=E,5.2nm,18.7s,baz=176,slow=41 AAK comp=E,5.2nm,18.7s,baz=176,slow=41

AAK comp=E,2.6nm,0.8s,baz=179,slow=9.8,SNR=22 AAK comp=E,2.6nm,0.8s,baz=179,slow=9.8,SNR=22

AAK comp=E,2.2nm,21.4s,baz=70,slow=40 AAK comp=E,2.2nm,21.4s,baz=70,slow=40

AAK comp=E,0.4nm,0.6s,baz=132,slow=8.0,SNR=2.7 AAK comp=E,0.4nm,0.6s,baz=132,slow=8.0,SNR=2.7

AAK comp=E,1.8nm,0.6s,baz=232,slow=6.7,SNR=6.7 AAK comp=E,1.8nm,0.6s,baz=232,slow=6.7,SNR=6.7

AAK comp=E,0.8nm,0.7s,baz=275,slow=9.1,SNR=4.3 AAK comp=E,0.8nm,0.7s,baz=275,slow=9.1,SNR=4.3

AAK comp=E,25nm,18.0s,baz=170,slow=40 AAK comp=E,25nm,18.0s,baz=170,slow=40

AAK comp=E,2.1nm,0.6s,baz=114,slow=6.8,SNR=4.8 AAK comp=E,2.1nm,0.6s,baz=114,slow=6.8,SNR=4.8

AAK comp=E,2.6nm,18.8s,baz=0.0,slow=38 AAK comp=E,2.6nm,18.8s,baz=0.0,slow=38

AAK comp=E,0.5nm,0.7s,baz=322,slow=6.0,SNR=8.0 AAK comp=E,0.5nm,0.7s,baz=322,slow=6.0,SNR=8.0

AAK comp=E,0.1nm,0.4s,baz=315,slow=6.0,SNR=5.1 AAK comp=E,0.1nm,0.4s,baz=315,slow=6.0,SNR=5.1

AAK comp=E,0.4nm,0.3s,baz=312,slow=6.2,SNR=3.9 AAK comp=E,0.4nm,0.3s,baz=312,slow=6.2,SNR=3.9

CNRM 22 14:36:10.2, 36°05'N:8°25'W, h10km, ml3.5 IGL 22 14:36:13.6, 36°23'N:8°50'W, h24km, ML3.0 SFS 22 14:36:13.0, 36°39'N:8°30'W, ML3.1, GOLFO DE CADIZ MDD 22 14:36:13.6:0.9, 36°38'N:8°30'W, h0km, mblg3.1/30, Error ellipse: s-maj=9.4km s-min=4.1km az=35.0, PFXIMO LGD 22 14:36:14.6:0.2, 36°28'N:8°48'W, h20km, M3.2/2, Error ellipse: s-maj=6.9km s-min=2.2km az=38.0

CNRM 22 14:36:15.0:2.3, 36°23'N:8°51'W, h31km, 7km, ML2.9, Error ellipse: s-maj=7.1km s-min=3.1km az=59.0

ISC 22 14:36:11.2:1.2, 36°25'N:0°04'8.37'W:0.04, h20km, 5km, n105, s-r246/190, 5C-8D, West of Gibraltar

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

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

CEU comp=E,55nm,0.3s CEU comp=E,55nm,0.3s

CEU comp=E,3.6nm,0.1s,SNR=4.0 CEU comp=E,3.6nm,0.1s,SNR=4.0

CEU comp=E,12nm,0.2s CEU comp=E,12nm,0.2s

CEU comp=E,7.1nm,0.2s,SNR=102 CEU comp=E,7.1nm,0.2s,SNR=102

CEU comp=E,5.3nm,0.3s,SNR=345 CEU comp=E,5.3nm,0.3s,SNR=345

CEU comp=E,53nm,0.2s CEU comp=E,53nm,0.2s

CEU comp=E,103nm,0.4s CEU comp=E,103nm,0.4s

CEU comp=E,5.4nm,0.1s,SNR=7.9 CEU comp=E,5.4nm,0.1s,SNR=7.9

CEU comp=E,8.8nm,0.3s,SNR=18 CEU comp=E,8.8nm,0.3s,SNR=18

CEU comp=E,23nm,0.2s CEU comp=E,23nm,0.2s

CEU comp=E,26nm,0.1s,SNR=7.9 CEU comp=E,26nm,0.1s,SNR=7.9

CEU comp=E,8.2nm,0.2s,SNR=7.9 CEU comp=E,8.2nm,0.2s,SNR=7.9

CEU comp=E,6.5nm,0.1s,SNR=7.9 CEU comp=E,6.5nm,0.1s,SNR=7.9

CEU comp=E,6.5nm,0.3s,SNR=7.9 CEU comp=E,6.5nm,0.3s,SNR=7.9

CEU comp=E,1.6nm,0.2s,SNR=22 CEU comp=E,1.6nm,0.2s,SNR=22

CEU comp=E,7.0nm,0.1s,SNR=10 CEU comp=E,7.0nm,0.1s,SNR=10

CEU comp=E,2.2nm,0.2s,SNR=7.9 CEU comp=E,2.2nm,0.2s,SNR=7.9

CEU comp=E,2.1nm,0.1s,SNR=7.9 CEU comp=E,2.1nm,0.1s,SNR=7.9

CEU comp=E,5.9nm,0.1s,SNR=7.9 CEU comp=E,5.9nm,0.1s,SNR=7.9

CEU comp=E,1.6nm,0.3s,SNR=12 CEU comp=E,1.6nm,0.3s,SNR=12

CEU comp=E,7.0nm,0.2s,SNR=7.9 CEU comp=E,7.0nm,0.2s,SNR=7.9

CEU comp=E,0.8nm,0.1s,SNR=7.9 CEU comp=E,0.8nm,0.1s,SNR=7.9

CEU comp=E,3.2nm,0.1s,SNR=7.9 CEU comp=E,3.2nm,0.1s,SNR=7.9

CEU comp=E,2.2nm,0.2s,SNR=7.9 CEU comp=E,2.2nm,0.2s,SNR=7.9

CEU comp=E,3.1nm,0.2s,SNR=7.9 CEU comp=E,3.1nm,0.2s,SNR=7.9

CEU comp=E,5.9nm,0.1s,SNR=7.9 CEU comp=E,5.9nm,0.1s,SNR=7.9

CEU comp=E,1.6nm,0.3s,SNR=12 CEU comp=E,1.6nm,0.3s,SNR=12

CEU comp=E,7.0nm,0.2s,SNR=7.9 CEU comp=E,7.0nm,0.2s,SNR=7.9



22d 15h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like V56A, V56A, FCAR, etc.

2013 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like O52A, SFIN, P57A, etc.

1200

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Includes sections for MEX, IDC, WRA, ASAR, ROM, CING, EL6, ARVD, SNTG, FOSV, MPAG, FSSB, CSP1, FDMO, NARO, MORC, OKC, MORV, MORC, LANS, OJC, JAVC, VRAC, VYHS, DPC, KRUC, UJC, CHVC, GOPEC, and KHC.



Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like ATGH, XNQ, KDMR, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like GNI, TBGL, TBGL, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like H1N1, H1N2, H1N3, etc.



22d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YSS, Yuzh-Sakhalins, MAJO, Matsuhiro, etc.

ISC/JB 22 18:10:24.0 6.23S:0.02:130.08E:0.03, h146km, mb4.1/19, Error ellipse: s-maj=4.1km s-min=3.3km az=173.0

IDC 22 18:10:25.5 1.4 6.20S:130.06E, h140km, 13km, mb3.8/15, mb1.4/0.21, mb1.1mx3.0/4.0, mbtmp4.4/2.1, MS2.8/3, Ms1.2/8.3, ms1mx2.6/2.6, Error ellipse: s-maj=14.0km s-min=9.4km az=92.0

NEIC 22 18:10:27.2 1.9 6.23S:0.05:130.01E:0.04, h158km, 7km, mb4.6/32

BUI 22 18:10:28.2 0.0 6.27S:129.73E, h159km, mb4.5/19, mB5.0/13

DJA 22 18:10:29.5 0.2 6.2 S:2.13'0E, h178km, 5km, M4.7/13, mB5.2/8, mb4.8/12, MLV4.9/13, Mw(mB)4.5/8

ISC 22 18:10:26.2 0.3 6.33S:0.04:130.06E:0.04, h146km, n109, c=2818/122, mb4.3/30, Banda Sea

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

2013 SEP

Main table with columns: FITZ, FITZory Crossi, WRAB, Tennant Creek, etc. Includes station names, times, and phases.

1204

Table with columns: KURK, Kurchatov, HON, Honolulu, etc. Includes station names, times, and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PD31 Pinedale Array, ULM Lac du Bonnet, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like LVC Limon Verde, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like TRN 22 18:34:45.4, 15:76N-59:83W, h9km, MD3.5, Leeward Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like DLPL La Plaine, DWS Wesley, MDPO Domica; Chan, etc.

ISCJB 22 18:35:14.5:0.8, 42:33N:0:06:75:85E:0:06, h10km, Error ellipse: s-maj=8.7km s-min=5.1km az=154.3

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

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

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

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

ISCJB 22 18:53:52.9:0.4, 14:66N:0:07:45:21W:0:07, h12km, mb4.0/17, MS3.5/20, Error ellipse: s-maj=11.3km

IDC 22 18:53:53.2:0.6, 14:65N:45:09W, h0km, mb4.0/17, mb1.4/2.18, mb1mx4.0/4.4, mbtmp4.0/18, ML4.4/1, MS3.6/21, M51.3.6/21, ms1mx3.5/31, Error ellipse: s-maj=21.8km

NEIC 22 18:53:54.2:2.3, 14:6N:0:2:45:2W:0:1, h10km, 1km, ISC 22 18:53:54.9:0.5, 14:65N:0:09:45:16W:0:09, h12km, n47, a099/31, mb4.1/17, MS3.6/20, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MDP Montagnes des, MDP Gadeloupe/Mar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like HON51 Willby Bou, HON51 Monte Pirata, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SIV San Ignacio, H10N3 ASCENSION HYDR37, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like H10N2 ASCENSION HYDR37, H10N1 ASCENSION HYDR37, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like H10S3 ASCENSION HYDR37, H10S1 ASCENSION HYDR37, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like H10S2 ASCENSION HYDR37, DBIC Dimbokro, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PDAR Pinedale Array, YKA Yellowknife Ar, FIAO FINESSE Array S, etc.

ASRS 22 18:58:30.6:0.3, 50:1N:1:9:0E, h10km, MLh3/4/22, smt:orig:gfz-potsdam.de/geofon/LCOSA2 earthModelID

ISC 22 18:58:31.7:0.8, 50:36N:0:03:90:03E:0:03, h10km, n34, a231/56, SC-4D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CUR Chagan-Uzun, CUR Muhor-Tarhata, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ARTR Artybash, TUNR Tungur, CERR Cheremushki, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like LUBZ Lushba, Kemero, UKR Ust-Kan, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MKAR Makanchi Array, ALXA Alekseevka, NS, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BKSI Bulukumba, EDFI Ende, Flores, BNSI Bone, etc.



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUMU Guam, ANAJ Anatahan, GENI Genyem, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MORW Morawa, TOO Toolangi, TOO Toolangi, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like PNNC Pines Island, EIDS Eidsvold, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like SONAO Songino Array, SONMI Songino Array, SONM Songino Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like JFFD Minamisoumatoc, JMM Marumori, JMM JMM, etc.

ISC/JB 22 21:43:28.4 0.6, 38:83N:0:07:98:57E:0:07, h10km, mb3.6/7, Error ellipse: s-maj=10.7km s-min=7.0km az=164.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

SKO 22 21:52:12.6, 40:84N:22:77E, h10km, M2.3, ML2.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like THE Thessaloniki, THE Thessaloniki, THE Thessaloniki, etc.



22 Z 23h

2013 SEP

1210

Table of astronomical observations for 22 Z 23h. Columns include station name (e.g., KZV, SKR, ESO), time (e.g., 3.05 356), position (e.g., eP, Pn), and other data points.

Table of astronomical observations for 2013 SEP. Columns include station name (e.g., FAKI, MTN, MMR), time (e.g., 22 30 19.7), position (e.g., S, Pn), and other data points.

Table of astronomical observations for 1210. Columns include station name (e.g., KUR, KUR, KUR), time (e.g., 22 45 21.9), position (e.g., A, S), and other data points.

Bottom section containing technical details, code keys, and additional observation notes. Includes a code key table and various technical parameters.

1211

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, and other technical parameters.

2011 SEP

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, and other technical parameters.

22d 23h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, and other technical parameters.



1213

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC, Res. Includes stations like Messina, Matopo, Keimoes, Ukamas, Buffelsbos, Calvinia, Komaggas, Lusaka, Torodi Ar. Bea, Sonseca Array.

ISC/JB 23 01:13:49.8-0.6,27.83N-0.04-105.65W-0.07,h10km, Error ellipse: s-maj=8.9km s-min=5.1km az=1.5

NEIC 23 01:13:51.3-1.1,27.73N-0.06-105.65W-0.08,h16km,8km, M04.0(MEX)

MEX 23 01:13:52.8-0.3,27.41N-104.80W,h16km,123km,MD3.9 ISC 23 01:13:50.1-1.1,27.70N-0.05-105.61W-0.05,h10km,m10, c1976/16,Northern Mexico

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC, Res. Includes stations like Lajitas Ar. Si, Lajitas Array, Cornudas Mount, Douglas, Cookes Peak, D Junction City.

TAP 23 01:18:47.7,24.79N,122.61E,h97km,ML3.7,D JMA 23 01:18:47.5-0.1,24.81N,122.62E,h96km,2km,M2.5 ISC/JB 23 01:18:48.1-0.6,24.73N-0.03-122.62E-0.02,h93km,5km, Error ellipse: s-maj=5.1km s-min=2.9km az=173.5

ISC 23 01:18:48.5-1.5,24.72N-0.05-122.61E-0.03,h93km,8km, m63,c1901/109,Taiwan region

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC, Res. Includes stations like Yonagunijimak, Yonaguni jima, EoS1, Santiao Chiao, Suao, Toucheng, Wufei Shan, Mashibuluo, Lan-yu, Penghu, Wulai, Pengchayiu, YM01, YM04, Ninganchiao, Iriomote-Funau, Yeheng, Datong, Hwalien, Shoufeng, Hateruma jima, Huan Shan, Kuro-shima, Tachien, Emei.

2013 SEP

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC, Res. Includes stations like Renai, Nanjuang, Guangfu, Taichung City, Ruisui, Guoxing, Hungye, Suanglung, Yuchr, Xinyi Township, Zhushan, Mingjian, Chengkung, Alishan, Tsauling, Douliu, Erlin, Tsauhsan, Ta-pu, Chiyai, Ta-pu, Beinan, Pingang, Hsiangling, Nanshi, Liugui, Mashibuluo, Lan-yu, Penghu, Las Juntas de Matias Romero, Atahualpa, Socorro T-Phase, Lajitas Array, La Paz, Mina Array, Pineda Array, Bello Bella, Elieison Array, Wake Island Hy 96.42 290 T, Wake Island Hy 96.44 290 T, Wake Island Hy 96.74 289 T, Wake Island Hy 96.74 289 T, Wake Island Hy 96.75 289 T, Wake Island Hy 96.75 289 T.

IDC 23 01:25:24.6-8.7,3.20N-95.12W,h0km,mb3.5/4, mb1 4.0/4,mb1mx3.6/37,mbtmp3.5/4,MS3.0/8,Ms1 3.5/8, ms1mx3.3/21, Error ellipse: s-maj=260.0km s-min=156.5km az=81.0,Eastcentral Pacific Ocean

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC, Res. Includes stations like Las Juntas de Matias Romero, Atahualpa, Socorro T-Phase, Lajitas Array, La Paz, Mina Array, Pineda Array, Bello Bella, Elieison Array, Wake Island Hy 96.42 290 T, Wake Island Hy 96.44 290 T, Wake Island Hy 96.74 289 T, Wake Island Hy 96.74 289 T, Wake Island Hy 96.75 289 T, Wake Island Hy 96.75 289 T.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, ISC, h m s ISC, Res. Includes stations like North Rim, Wupatki, Kanab, Little Creek M, Pink Cliffs, Shurtz Canyon, Cedar City, Hualapai Mount, Mount Pinos, Lo Mia Canyon, Marysville Wickenburg, Three Creeks R, Snowflake, Sheep Range, Castle Valley, Paradox Valley, Mesa Verde, Blythe, San Rafael Swe, Trail Mountain, East Wray Mesa, Morning Glory, Skien Mesa, Radium Mtn., Paradox Valley, Yawsonger Mesa, David Mesa, Carpenter Ridg.





Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Roar, Elevation Roar, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Roar, Elevation Roar, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Roar, Elevation Roar, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Roar, Elevation Roar, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail.



Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like DSF, KVAL, EVR, PTL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like ESDC Sonseca Array, TORD Torodi Arr, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like MJAR, JRY Ryogami san, JRY Ashikaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBEJ Beja, LIS Lisbon, PMAFR Mafrá, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PGAV Gavieira, AZAM Zamans, ESDC Sonseca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEDE Laguna Cedeo, HDC Heredia, ESDC Heredia, etc.

IDC 23 07:05:32.21.1, 13:84N:121:18E, h0km, mb3.7/6, mb1 3.9, mb1mx3.6/52, mbtmp3.7/6, Error ellipse: ...

ISCBJ 23 07:05:44.5.0.6, 13:71N:120:50E, h100km, mb3.7/6, Error ellipse: ...

MAN 23 07:05:45.9, 13:64N:120:59E, h99km, MS3.2, Error ellipse: ...

ISCB 23 07:05:45.1.0.9, 13:68N:120:53E, h100km, n19, c=217/18, mb3.8/6, 2C, Mindoro

Code Station Name Az Az' Phase ID Time Res. Includes PGP Puerto Galera, TGY Tagaytay City, etc.

Code Station Name Az Az' Phase ID Time Res. Includes WRA Warrungarra Arr, ZALV Zalevovo Beam, etc.

IDC 23 07:14:48.9.1.0, 9:26N:85:79W, h0km, mb3.7/7, mb1 4.0/9, mb1mx3.8/47, mbtmp3.7/9, ML4.0/2, MS2.9/5, Sml1 3.0/5, ...

UCR 23 07:14:49.2.1.0, 9:25N:86:01W, h13km, gkm, MW4.0, Fault plane solution: ...

ISCBJ 23 07:14:50.5.1.2, 9:36N:85:96W, h20km, 10km, Error ellipse: ...

NEIC 23 07:14:53.2.1.9, 9:38N:85:80W, h29km, 7km, mb4.5/18, Error ellipse: ...

SNET 23 07:15:05.1.0.8, 10:12N:86:41W, h35km, 831km, ML4.0, Error ellipse: ...

ISCB 23 07:14:52.1.0.7, 9:35N:85:86W, h21km, 5km, n81, c109/93, 2C-8D, Off coast of Costa Rica

Code Station Name Az Az' Phase ID Time Res. Includes JTS Las Juntas de, JTS Las Juntas de, etc.

IDC 23 07:33:24.8.1.9, 2:81S:139:17E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/24, mbtmp3.4/3, ML3.7/1, Error ellipse: ...

Code Station Name Az Az' Phase ID Time Res. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Code Station Name Az Az' Phase ID Time Res. Includes ASAR Alice Springs, ASAR Alice Springs, etc.

Code Station Name Az Az' Phase ID Time Res. Includes WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

MOS 23 07:40:40.6.0.0, 43:24N:46:12E, h12km, MPV4.3, Error ellipse: ...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GROZ Groznyy, DLMR Dylm, DBC Dubki, BTNR Botanikuri, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BTNK Botanikuri, BTNC Botanikuri, NCK Naichik, DGRG David-gareji, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GROC Groznyy, DLMR Dylm, BTNR Botanikuri, GADG Gauduri, etc.

23d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FLOCC, FLOCF, SOTA, SOTR, etc.

23d 8h

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

1220

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

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Kuril'sk, Suanglung, Baijiatau, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Kodiak Island, Karatay Array, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Borgarnes, Frrobisher Bay, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like SONGINO, WARRAMUNGA ARR, ALICE SPRINGS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like HORCO MOLLE, CHOYA, VINCHINA, EDSON BUTTE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Includes stations like KRVT, KNRA, SOEI, WRAB, WARRAMUNGA ARR, etc.

SJA 23 08:27:33.1+0.8, 27.415S, 65.811W, h149km, 10km, ML4.0, MW4.5, Tucuman Province

1.6mm,0.6s,baz=15,slow=5.5,SNR=13
DAVOX Davos/Dischmat 152.35 349 PKPbc 09 27 11.1 +0.2

ISCJB 23 09:21:17.7:0.3,61.64N:0.02:150.69W:0.03,h5km,2km,
mb3.7/11,Error ellipse: s-maj=2.8km s-min=2.2km

IDC 23 09:21:17.2:0.9,61.67N:151.20W,h0km,mb3.8/10,
mb1.4/0.14,mb1mx3.8/49,mbtmp3.8/14,ML3.5/4,MS3.3/2,
Ms1.3/3.2,ms1mx2.6/34,Error ellipse: s-maj=20.9km
s-min=11.8km az=103.0

AEIC 23 09:21:18.2:2.61.60N:0.03:150.67W:0.03,h10km,5km,
ML3.8

NEIC 23 09:21:18.4:1.6,61.66N:0.02:150.63W:0.02,h1km,6km
ISC 23 09:21:18.1:1.1,61.65N:0.02:150.66W:0.02,h3km,8km,
n114,017/137,mb3.9/11,Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SUSA, SKT, SKT, RC01, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like INK, DLBO, C36M, etc.

ISC 23 09:35:04.3:0.9,50.22N:0.04:18.91E:0.03,h0km,n7,
0:56/19,Poland

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

GCG 23 09:35:05.4:0.7,15.30N:91.14W,h26km,gkm,MD3.5,
Mexico-Guatemala border region

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

WEL 23 09:52:31.2:42'S:2:17'E, h13km,3km, M3.4/24,
ML3.7/15,MLV3.4/24,Error ellipse: s-maj=0.6km
s-min=0.0km az=134.8,Coastal Strait

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

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

IDC 23 10:26:21.9:0.8,65.52N:141.56W,h0km,mb3.4/3,
mb1.3/9,mb1mx3.5/52,mbtmp3.6/8,ML3.5/5,Error
ellipse: s-maj=15.8km s-min=7.3km az=174.0

ANF 23 10:26:21.9:0.4,65.83N:141.34W,h1km,ML3.7/4,Error ellipse:
s-maj=99.9km s-min=3.1km az=163.0

AEIC 23 10:26:22.1:9.65:45N:0.03:141.55W:0.08,h12km,6km,
ML3.3

NEIC 23 10:26:23.4:3.2,65.45N:0.04:141.42W:0.06,h16km,6km
PGC 23 10:26:23.0:1.6,65.44N:141.47W,h1km,ML3.5/9,182km
northwest of Dawson, Yt Northern Alaska

ISC 23 10:26:21.1:5.65:56N:0.03:141.57W:0.03,h2km,11km,
n110,0175/137,mb3.4/3,Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like EAGK, PRP, DAWY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YUK6, YUK6, CRQM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA, YKR8, YKW1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKX, YKA, YKR8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKX, YKA, YKR8, etc.

Table with columns: PRNI, Para, 2.98, 11, Pn, Pn, 10 55 35.5 +1.0, etc.

ISC/JB 23 11:09:11.2-0.7, 17.3N, 0.1:46.5W:0.1, h12km, mb3.77, MS3.5/17, Error ellipse: s-maj=22.3km s-min=14.2km az=31.7

IDC 23 11:09:11.1-1.1, 17.32N, 46.49W, h0km, mb3.77, mb1 4.0/8, mb1mx3.8/42, mbtmp3.8/8, ML3.6/1, MS3.5/18, Ms1 3.5/18, ms1mx3.4/32, Error ellipse: s-maj=31.7km s-min=22.7km az=126.0

ISC 23 11:09:13.0-0.9, 17.3N, 0.1:46.5W:0.2, h12km, n27, +067H/13, mb3.97, MS3.6/17, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MDP, MDP, H05S1, etc.

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

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

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns: KAPI, comp=Z, 9.96m, 21.7s, baz=12, slow=45, LR, LR, 11 27 40.3, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like STKA, HTT, CMSA, INU, XAN, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like KSH, PEAOB, PEAOB, PETK, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like GAZ, COLD, ANN, QSPA, etc.

ISCJ 23 11:24:52.2±1.4, 15°43'S; 174°27'W, h0km, mb4, 1/8, mb1 4.4/8, mb1mx4.0/32, mbtmp4.1/8, MS3.1/1, Ms1 3.1/1, ms1mx2.6/34, Error ellipse: s-maj=84.0km s-min=19.0km az=148.0

23 Dec 13h

Table with 7 columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include R0C1, TRQ4, G004.

ISCJB 23 11:40:42.1, 0.3, 33.99N, 0.03:97.18W, 0.03, h10km, Error ellipse: s-maj=4.3km s-min=3.5km az=169.8

Main table for 23 Dec 13h, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMOK, WMOK, WMOK, ADOK, etc.

IDC 23 11:53:47.1, 6.8, 29.97N, 142.91E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/3, mbtmp3.4/3, Error ellipse: s-maj=417.7km s-min=36.0km az=118.0, Southeast of Honshu

Table for IDC 23 11:53:47.1, 6.8, 29.97N, 142.91E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/3, mbtmp3.4/3, Error ellipse: s-maj=417.7km s-min=36.0km az=118.0, Southeast of Honshu

IDC 23 12:00:31.8, 0.8, 51.75N, 175.44W, h0km, mb3.6/11, mb1 3.9/13, mb1mx3.7/49, mbtmp3.6/13, ML3.7/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/35, Error ellipse: s-maj=28.0km s-min=15.4km az=168.0

ISCJB 23 12:00:35.7, 0.6, 51.64N, 0.09:175.16W, 0.06, h40km, mb3.6/11, Error ellipse: s-maj=12.9km s-min=4.8km az=167.8

AEIC 23 12:00:36.1, 4.1, 51.6N, 0.1:175.14W, 0.06, h20km, 7km, ML3.7, mb3.6/5(NEIC)

NEIC 23 12:00:38.2, 1.7, 51.7N, 0.1:175.20W, 0.07, h42km, 1.6km

ISC 23 12:00:37.4, 0.8, 51.5N, 0.1:175.23W, 0.05, h40km, n41, s=176.3km, mb3.7/11, Andreev Islands

Main table for 23 Dec 13h, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSTR, ATKA, ADK, etc.

2013 SEP

Table for 2013 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N1, H11S1, H11S2, etc.

SOME 23 12:16:20.0, 38.85N, 73.20E, h15km NNC 23 12:16:29.3, 5.9, 38.85N, 73.36E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=16.1km s-min=30.8km az=162.0

ISC 23 12:18:27.4, 38.85N, 0.2:73.4E, 0.1, h35km, n5, s=0.956/10, 5C-1D, Tajikistan-Xinjiang border region

Table for 2013 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK, AAK, MRKS, IUG, etc.

KRNET 23 12:22:31.1, 0.1, 40.78N, 73.70E, h20km, mb2.3 SOME 23 12:22:31.2, 40.82N, 73.92E, h0km

ISC 23 12:22:27.9, 2.5, 40.6N, 0.1:73.75E, 0.06, h11km, 1.2km, n15, s=0.92/27, 16C-7D, Kyrgyzstan

Main table for 2013 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARLS, AML, UCH, KZA, etc.

IDC 23 12:22:32.2, 3.3, 42.41N, 76.05E, h0km, mb3.8, mpv2.6, Error ellipse: s-maj=23.0km s-min=13.5km az=121.0, Lake Issyk-Kul region

Table for IDC 23 12:22:32.2, 3.3, 42.41N, 76.05E, h0km, mb3.8, mpv2.6, Error ellipse: s-maj=23.0km s-min=13.5km az=121.0, Lake Issyk-Kul region

IDC 23 12:31:17.1, 3.5, 11.05S, 162.57E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.7/25, mbtmp3.7/4, Error ellipse: s-maj=128.3km s-min=33.2km az=132.0

ISCJB 23 12:31:21.3, 1.3, 11.3S, 0.2:162.6E, 0.1, h46km, mb3.5/4, Error ellipse: s-maj=25.4km s-min=14.2km az=39.7

ISC 23 12:31:23.0, 1.1, 11.2S, 0.2:162.6E, 0.2, h46km, n11, s=0.80/6, mb3.5/4, Bougainville-Solomon Islands region

Table for 2013 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, HNR, H11S2, etc.

1226

Table for 1226, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, H11N1, H11N3, etc.

GCG 23 12:44:45.7, 0.3, 15.58N, 90.63W, h36km, 160km, MD3.5, Guatemala

Table for GCG 23 12:44:45.7, 0.3, 15.58N, 90.63W, h36km, 160km, MD3.5, Guatemala

ISK 23 12:45:47.8, 38.18N, 38.20E, h21km, ML1.7/4 DDA 23 12:45:49.3, 38.20N, 38.22E, h7km, ML2.6

ISC 23 12:45:48.1, 3.3, 38.22N, 0.05:38.23E, 0.03, h14km, 10km, n7, s=0.96/13, Turkey

Table for 1226, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MALT, MALT, AKCD, etc.

WEL 23 12:52:19.0, 42.5, 2.17E, h14km, 3km, M3.4/23, ML1.0, ML0.5, az=138.6, Cook Strait

Main table for 1226, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMWZ, CMWZ, BSWZ, etc.

IDC 23 13:02:25.0, 0.9, 33.44S, 72.33W, h0km, mb4.1/6, mb1 4.1/11, mb1mx4.0/43, mbtmp4.0/11, ML4.1/5, MS3.3/5, Ms1 3.3/5, ms1mx3.1/19, Error ellipse: s-maj=37.0km s-min=17.2km az=104.0

SJA 23 13:02:25.9, 0.9, 33.52S, 72.21W, h18km, 5km, ML4.2, MW4.1

BUI 23 13:02:26.8, 0.3, 33.50S, 72.10W, h17km, mb5.2/3, GUC 23 13:02:29.7, 0.8, 33.49S, 71.93W, h42km, 4km, ML4.3

ISCJB 23 13:02:29.3, 0.6, 33.48S, 0.03:72.14W, 0.05, h42km, 6km, mb4.2/5, MS3.3/2, Error ellipse: s-maj=7.1km s-min=4.9km az=17.9

NEIC 23 13:02:29.5, 1.5, 33.49S, 0.05:72.06W, 0.09, h27km, 4km, mb4.9/16, ML4.3(GUC)

ISC 23 13:02:25.8, 1.5, 33.47S, 0.04:72.14W, 0.04, h5km, 9km, n88, s=1.69/109, mb4.7/12, 1C-7D, Off coast of central Chile

Main table for 1226, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA01, VA01, R0C1, etc.



Table with 4 columns: WRA, Warramunga Arr, 57.69 188 P, P, 13 36 44.8 -1.7

Table with 4 columns: ASAR, Alice Springs, 61.42 188 P, P, 13 37 10.7 -1.5

IDC 23 13:31:54.0; 1.2, 45:07N; 150:73E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.4/49, mbtmp3.4/4, ML3.2/1, MS2.5/2, Ms1 2.5/2, ms1mx2.2/31, Error ellipse: s-maj=58.4km s-min=26.1km az=135.0

ISCJB 23 13:31:57.8; 0.9, 45:22N; 0:1x:150:33E; 0.09, h35km, mb3.3/3, MS2.5/1, Error ellipse: s-maj=20.2km s-min=7.1km az=161.2

MOS 23 13:31:57.8; 0.6, 45:20N; 150:44E, h39km, mb4.3/1, Error ellipse: s-maj=43.8km s-min=14.9km az=152.0

SKHL 23 13:32:00.0; 1.0, 45:16N; 150:29E, h72km, mb4.6/1, Error ellipse: s-maj=59.1km s-min=14.5km az=101.1

ISC 23 13:31:59.1; 1.1, 45:3N; 0:1x:150:33E; 0.09, h35km, n21, #1512/1, mb3.4/3, 1C-1Z, Kuril Islands

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: PMG, 2.4nm, 0.3s, baz=55, slow=8.5, SNR=7.8

Table with 4 columns: WRA, Warramunga Arr, 22.67 227 P, P, 13 40 47.8 +0.2

Table with 4 columns: FITZ, Fitzroy Crossi, 28.79 241 P, P, 13 41 43.6 +0.2

Table with 4 columns: ILAR, Eielson Array, 82.63 22 P, P, 13 48 06.8 -0.4

Table with 4 columns: TORO, Torodi Arr, Bea, 149.47 288 PKPbc, PKIKP, 13 55 36.3 +1.1

Table with 4 columns: TOAI, Torodi Arr, Sit, 149.47 288 PKIKP, 13 55 36.3 +1.1

IDC 23 13:36:08.5; 2.2, 7:59N; 127:79E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.5/42, mbtmp3.7/3, Error ellipse: s-maj=22.1km s-min=28.8km az=71.0

MAN 23 13:36:09.1; 3.7, 7:15N; 125:97E, h104km, MS2.8, Error ellipse: s-maj=22.1km s-min=28.8km az=71.0

ISC 23 13:36:09.1; 3.7, 7:15N; 125:97E; 0:10, h10km, n8, #646/7, 1C, Philippine Islands region

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

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Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 4 columns: VLX, comp=E, 1.1um, 0.7s, S, Sn, 13 38 48.3 -0.3

Table with 4 columns: VLX, Vlachokerasia, 0.78 161 P, P, 13 38 38.0 +0.8

Table with 4 columns: AXAR, Agios Charaliam, 0.81 36 P, P, 13 38 38.2 +0.8

Table with 4 columns: AXAR, comp=N, 5666um, 0.4s, AML, AML, 13 38 53.7

Table with 4 columns: AXAR, comp=N, 4495um, 0.3s, AML, AML, 13 38 54.3

Table with 4 columns: EVR, Evrytania, 0.83 346 P, P, 13 38 36.6 +1.9

Table with 4 columns: EVR, comp=N, 2024um, 0.5s, AML, AML, 13 38 58.0

Table with 4 columns: MAKR, Makrakomi, Fth, 0.90 4 P, S, 13 38 40.0 +1.4

Table with 4 columns: MAKR, Makrakomi, Fth, 0.90 4 P, S, 13 38 52.5 +1.4

Table with 4 columns: MAKR, Makrakomi, Fth, 0.90 4 P, S, 13 38 40.2 +1.6

Table with 4 columns: MAKR, Makrakomi, Fth, 0.90 4 P, S, 13 38 52.8 +1.7

Table with 4 columns: MAKR, Makrakomi, Fth, 0.90 4 P, S, 13 38 56.2

Table with 4 columns: MAKR, Makrakomi, Fth, 0.90 4 P, S, 13 39 00.3

Table with 4 columns: LKR, Lokris, 0.92 54 P, P, 13 38 39.0 +0.3

Table with 4 columns: LKR, Lokris, 0.92 54 P, P, 13 38 39.1 +0.3

Table with 4 columns: LKR, Lokris, 0.92 54 P, P, 13 38 51.8 +0.4

Table with 4 columns: LKR, Lokris, 0.92 54 P, P, 13 38 52.9

Table with 4 columns: LKR, Lokris, 0.92 54 P, P, 13 38 53.0

Table with 4 columns: AGG, Agios Georgios, 0.93 13 P, S, 13 38 40.0 +0.9

Table with 4 columns: AGG, Agios Georgios, 0.93 13 P, S, 13 38 52.7 +0.9

Table with 4 columns: AGG, Agios Georgios, 0.93 13 P, S, 13 38 39.9 +0.9

Table with 4 columns: AGG, Agios Georgios, 0.93 13 P, S, 13 38 52.9 +1.1

Table with 4 columns: AGG, Agios Georgios, 0.93 13 P, S, 13 38 55.8

Table with 4 columns: AGG, Agios Georgios, 0.93 13 P, S, 13 39 00.4

Table with 4 columns: ITM, Ithomi, 0.94 186 P, S, 13 38 40.4 +1.3

Table with 4 columns: ITM, Ithomi, 0.94 186 P, S, 13 38 53.6 +1.7

Table with 4 columns: ITM, Ithomi, 0.94 186 P, S, 13 38 58.5

Table with 4 columns: ITM, Ithomi, 0.94 186 P, S, 13 38 58.6

Table with 4 columns: ATAL, Atalanti, 0.95 52 P, S, 13 38 39.6 +0.3

Table with 4 columns: ATAL, Atalanti, 0.95 52 P, S, 13 38 52.6 +0.3

Table with 4 columns: ATAL, Atalanti, 0.95 52 P, S, 13 38 39.6 +0.3

Table with 4 columns: ATAL, Atalanti, 0.95 52 P, S, 13 38 51.9 -0.3

MKAR Makanchi Array 44.30 59 P P 13 46 25.6 +0.5
ZALV Zalesovo Beam 44.83 48 P P 13 46 29.2 0.0

ISCJBJ 23 13:41:31.5i:0.5, 7.8s:0.1x:108.07E:0.04, h98km, 5km,
mb3.9/6, Error ellipse: s-maj=17.2km s-min=4.4km
az=15.4
DJA 23 13:41:32.8i:0.3, 8.7s:4.4x:107.8E:0.04, h73km, 4km, 4M, 4/17,
mb4.4/2, MLV4.4/17
IDC 23 13:41:33.8i:0.7, 7.22S: 108.33E, h110km, 2km, mb3.7/7,
mb1 3.8/8, mb1mx3.5/44, mbtmp4.2/8, Error ellipse:
s-maj=60.0km s-min=13.4km az=38.0
ISC 23 13:41:32.5i:0.8, 7.80S:0.10:108.07E:0.05, h92km, 6km,
n30, r164/39, mb3.8/6, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists various stations like CISI, CMJI, KFJJI, LEM, etc.

ISCJBJ 23 13:43:16.3i:0.7, 10.70S:0.07:165.42E:0.08, h31km,
MS3.4/2, Error ellipse: s-maj=12.9km s-min=7.1km
az=140.7
NEIC 23 13:43:20.4i:1.6, 10.69S:0.03:165.39E:0.10, h56km, 10km,
mb4.6/13
IDC 23 13:43:21.4i:3.6, 10.71S:165.41E, h63km, 32km, mb3.7/5,
mb1 4.0/7, mb1mx3.6/40, mbtmp4.2/7, ML4.7/2, MS3.3/5,
Ms1 3.2/5, ms1mx3.0/33, Error ellipse: s-maj=70.0km
s-min=17.6km az=46.0
ISC 23 13:43:17.9i:0.7, 10.61S:0.07:165.41E:0.07, h31km, n43,
r152/36, Santa Cruz Islands

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

LTZ Lake Taylor 32.60 171 P Iamb 13 49 46.6 -0.1
AS31 Alice Springs 32.69 243 P P 13 49 47.3 -0.5
ASAR Alice Springs 32.70 243 P P 13 49 47.2 -0.6
BB00 Buckleboo 34.88 226 P P 13 50 07.2 +0.5
IL31 Eielson Array 83.21 19 P Iamb Iamb 13 56 15.0
ILAR Eielson Array 83.21 19 P P 13 55 41.0 +0.1

IDC 23 13:49:27.7i:1.5, 5.43S:152.70E, h0km, mb3.5/3,
mb1 3.9/3, mb1mx3.5/34, mbtmp3.6/3, Error ellipse:
s-maj=37.3km s-min=20.5km az=93.0, New Britain
region
Code Station Name Az Phase ID Time Res
h m s ISC Res ISC

IDC 23 13:55:04.1i:4.8, 28.54S:133.05W, h0km, mb3.8/2,
mb1 3.9/2, mb1mx3.5/25, mbtmp3.8/2, MS3.4/6, Ms1 3.4/6,
ms1mx3.1/19, Error ellipse: s-maj=124.2km
s-min=46.6km az=58.0, Southern Mid-Atlantic Ridge
Code Station Name Az Phase ID Time Res
h m s ISC Res ISC

ISCJBJ 23 13:56:25.3i:0.3, 34.07N:0.03:97.20W:0.03, h10km,
mb3.1/1, MS3.4/1, Error ellipse: s-maj=3.8km s-min=3.3km
az=156.9
IDC 23 13:56:26.3i:0.9, 34.11N:97.32W, h0km, mb3.4/1,
mb1 4.0/6, mb1mx3.7/38, mbtmp3.6/8, ML4.0/5, MS3.4/2,
Ms1 3.4/2, ms1mx2.6/23, Error ellipse: s-maj=16.5km
s-min=9.5km az=162.0
ANF 23 13:56:26.3i:1.2, 34.05N:97.25W, h2km, 9km, ML4.2/12,
Error ellipse: s-maj=4.8km s-min=3.0km az=132.0
NEIC 23 13:56:27.2i:2.9, 34.00N:0.05:97.14W:0.06, h15km, 12km,
ISC 23 13:56:26.7i:0.6, 34.030N:0.04:97.23W:0.04, h10km, n79,
r154/83, Oklahoma

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

ANMO Albuquerque 7.67 279 Pn Pn 13 58 18.6 -0.1
OGNE Ogallala 7.89 332 Pn Pn 13 58 22.2 +0.6
WVVT Waverly 7.99 72 Pn Pn 13 58 21.6 -1.2
L40A Anamosa 9.32 26 Pn Pn 13 58 40.0 -1.0
Z50A 9.46 92 Pn Pn 13 58 41.6 -1.5
ECSD EROS Data Cent 9.71 3 Pn Pn 13 58 44.8 -1.6
N23A Red Feather La 9.74 317 Pn Pn 13 58 48.0 +0.8
JFWS Jewell Farm 10.42 30 Pn Pn 13 58 55.2 -1.0
TKL Twinklechee C 11.18 78 Pn Pn 13 59 05.9 -0.7
TKL 0.4nm, 0.3s, baz=208, slow=1.5, SNR=2.6
0.4nm, 0.3s, baz=27, slow=16, SNR=2.5
TKL 0.3nm, 0.3s, baz=336, slow=20, SNR=2.2
K22A Casper 11.28 322 Pn Pn 13 59 07.0 -1.1
RSSD Black Hills 11.38 334 Pn Pn 13 59 10.0 +0.5
PD31 Pinedale Array 13.01 316 Pn Pn 13 59 30.2 -1.6
PDAR Pinedale Array 13.01 316 Pn Pn 13 59 31.5 -0.3
PDAR 0.2nm, 0.3s, baz=128, slow=15, SNR=1.0
0.2nm, 0.3s, baz=128, slow=25, SNR=3.2
PDAR 0.2nm, 0.3s, baz=128, slow=25, SNR=3.2
TEIG comp=Z, 114nm, 19.1s, baz=16, slow=40
0.7nm, 0.3s, baz=321, slow=14, SNR=4.0
ULM Lac du Bonnet 16.24 3 Pn Pn 14 00 15.3 +0.4
ULM 0.3nm, 0.3s, baz=103, slow=1.6, SNR=1.9
ULM 0.3nm, 0.3s, baz=309, slow=6.5, SNR=2.7
CMIG Matias Romero 17.00 172 P P 14 00 26.9 +0.5
NV01 Mina Array Sit 17.55 291 P P 14 00 36.2 +3.4
NVAR Mina Array Bea 17.55 291 P P 14 00 36.2 +3.4
NEW New Newport 20.37 320 LR LR 14 00 11.0 +0.6
ILAR Eielson Array 42.81 331 P P 14 04 25.7 +1.5
SUA Summit One 43.47 329 S S 14 05 55.7 -2.7

ISCJBJ 23 13:58:57.6i:0.2, 5.80S:0.03:147.43E:0.03, h100km,
mb4.3/2, Error ellipse: s-maj=4.6km s-min=4.2km
az=102.2
BUJ 23 13:58:59.5i:0.0, 5.95S:147.18E, h114km, mb4.7/19,
mb5.1/17
IDC 23 13:59:00.5i:1.9, 5.81S:147.57E, h117km, 18km, mb3.9/15,
mb1 4.0/20, mb1mx4.0/30, mbtmp4.3/20, MS3.5/2,
Ms1 3.5/2, ms1mx2.8/33, Error ellipse: s-maj=15.8km
s-min=11.9km az=96.0
NEIC 23 13:59:00.1i:8.5, 8.05S:0.06:147.38E:0.06, h112km, 6km,
mb5.0/43
ISC 23 13:58:58.8i:0.4, 5.84S:0.05:147.39E:0.05, h100km, n97,
r1923/104, mb4.8/37, Eastern New Guinea region

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







Table of astronomical data for 2013 SEP, 23d 15h. Columns include station name, coordinates, and various parameters. Includes stations like KAPI, KAPPANG, KAKANG, etc.

Table of astronomical data for 2013 SEP. Columns include station name, coordinates, and various parameters. Includes stations like TPTI, NWAOW, NWAOW, etc.

Table of astronomical data for 2013 SEP. Columns include station name, coordinates, and various parameters. Includes stations like XAN, XAN, XAN, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like NIL Nilore, ZAK Zakamensk, YSS Yuzh-Sakhalins, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like PETK Petropavlovsk, PETK Petropavlovsk, YAK Yakutsk, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like PPT Papeete, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

23d 15h

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like 4J8A Bridge Port, MGMO Mountain Grove, UCOM Cathedral Cave, etc.

2013 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like M55A Ridgway, M55A Ridgway, M55A Ridgway, etc.

1234

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like X48A Hartselle, PAGES Pennsylvania G, O58A Lewisberry, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like X56A White Oak, Y55A Saluda, 451A Vernon, etc.

ISCJB 23 15:16:17.20.0.4, 50.43N, 02.88.02E, 0.03, h10km, Error ellipse: s-maj=3.3km s-min=2.6km az=35.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKAR Aktash, CHBI Chibit, ULGR Ulagan, etc.

DDA 23 15:31:22.5.38.52N, 28.49E, h5km, ML2.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MANT Manisa, KULA Kula-Manisa, USAK Uak-Merkez, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KHAL Karahalli, GDZ Gediz, BALIKESIR\_Sava, etc.

MEX 23 15:53:56.9.0.8, 14.28N, 91.84W, h68km, 12km, MD4.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like THIG THIG, FUG Fuego 3, NBG Las Nubes, etc.

ISC 23 16:07:52.9.2.6, 27.72S, 23.14E, h0km, mbl 1.7/2, mb1mx2.7/28, mbtmp2.9/2, ML2.2/1, Error ellipse: s-maj=23.2km s-min=16.8km az=123.0, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I47ZA BOSHOF INFRASO, BOSA Boshof, LBTA Lobatse, etc.

ISC 23 16:29:55.3.3.2, 27.79S, 23.14E, h0km, mbl 3.1/1, mb1mx3.0/30, mbtmp3.4/1, ML2.0/1, Error ellipse: s-maj=25.0km s-min=23.6km az=171.0, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I47ZA BOSHOF INFRASO, BOSA Boshof, LBTA Lobatse, etc.

ISK 23 16:22:26.7.37.86N, 28.93E, h17km, ML2.4/10

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TAVA DENIZLI\_Tavas, KULA Kula-Manisa, USAK Uak-Merkez, etc.

ISC 23 16:22:30.5.0.7, 23.94N, 02.122.45E, 0.02, h1km, 5km, Error ellipse: s-maj=2.8km s-min=2.3km az=44.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YER Yerkisik, KZIL AFYON\_Kizoren, TURN Turunc, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EOS1 EOS1, YONG Yonagunijimaku, YOJ Yonaguni jima, etc.

Table with columns: WNT, Mingjian, 1.61 267 eP, Pn, 16 22 59.9 +1.1, etc. Includes station names like Taichung, Beinan, Pinlang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes station names like Vila Bisbo, Marnelete, Sao Teotonio, etc.

Main table with columns: PMAFR, comp=N, 39nm, 0.2s, 2.66 54 eSn, Sn, 16 27 20.9, etc. Includes station names like Barrancos, Almeirim, Mina Concepcio, etc.

Table with columns: KAPS, 2um, 0.4s, S, Sb, 16 36 56.6 0.0, etc. Includes station names like Kapalarasan, Podgornoye, Shalkode, etc.

ISCJB 23 16:26:13.5:0.6, 36:57N:0:03:9:75W:0:04, h35km, Error ellipse: s-maj=5.0km s-min=4.0km az=169.2

INMG 23 16:26:17.5:1.4, 36:65N:9:79W, h29km, 15km, ML2.3, Error ellipse: s-maj=9.3km s-min=3.8km az=55.0

IDC 23 16:36:15.4:1.2, 44:40N:80:63E, h0km, mb3.7/3, m1 3.7/11, m1mx3.5/62, mbtmp3.7/11, ML3.2/8, MS2.8/2, M1 2.8/2, ms1mx2.3/45, Error ellipse: s-maj=16.2km s-min=10.0km az=128.0

MOS 23 16:36:17.3:1.6, 44:54N:80:64E, h14km, mb4.4/1, Error ellipse: s-maj=12.4km s-min=8.2km az=92.7





23d 16h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Guiyang, Petropavlovsk, Lanzhou, Chengdu, etc.

2013 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like SOEI, ADK, BATI, LSA, MTN, SKLT, etc.

1238

Table with columns for station name, frequency, power, and signal strength. Includes stations like Warramunga Arr, WRA, WRAA, WRA, WRA, WRA, etc.



23d 17h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Vitosha, Conrad Observa, Kaspereske Hory, etc.

ISK 23 16:54:04.6, 39.08N, 29.13E, h5km, ML2.9/22, DDA 23 16:54:04.7, 39.10N, 29.17E, h7km, 3km, ML3.6

ISCJB 23 16:54:05.1, 0.4, 3.9, 10N, 0.03, 29.13E, 0.03, h3km, 5km, Error ellipse: s-maj=4.4km s-min=3.3km az=153.5

ISC 23 16:54:05.0, 0.9, 39.09N, 0.02, 29.14E, 0.02, h9km, 7km, n34, c0566/45, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Simav-Kutahya, Gediz, Uak-Merkez, etc.

ANF 23 16:56:34.0, 0.1, 35.84N, 116.77W, ML2.7/27, ML2.7/27, Error ellipse: s-maj=0.8km s-min=0.8km az=22.0

2013 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Shoshone, Goldstone, Furc, etc.

ISC 23 17:08:42.4, 2.3, 5.30S, 152.14E, h72km, 21km, mb3.5/3, mb1.3/4, mb1mx3.4/28, mbtmp3.8/4, Error ellipse: s-maj=48.2km s-min=12.9km az=125.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Keravat, Port Moresby, etc.

SOME 23 17:14:48.5, 41.15N, 78.00E, h10km, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Saty, Arsal, ILAR, etc.

KRNET 23 17:15:36.4, 0.1, 42.86N, 77.82E, h19km, mb1.9, 6C-2D, Lake Issyk-Kul region

1240

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Anan'yevov, Kajisay, etc.

MOS 23 17:28:04.5, 0.9, 4.89S, 153.68E, h55km, mb5.4/6, Error ellipse: s-maj=8.5km s-min=6.0km az=95.6

BUI 23 17:28:05.5, 0.0, 4.97S, 153.92E, h75km, mb5.2/60, mB5.3/48, Ms5.0/38, Ms7.4/633

ISCJB 23 17:28:06.1, 0.6, 4.97S, 0.02, 153.68E, 0.02, h72km, 5km, mb5.5/104, Error ellipse: s-maj=3.8km s-min=2.9km az=140.5

IDC 23 17:28:06.5, 0.3, 5.01S, 153.73E, h64km, 2km, mb4.7/25, mb1.4/828, mb1mx4.8/33, mbtmp5.0/28, Ms4.3/25, Ms1.4/325, ms1mx4.3/25, Error ellipse: s-maj=9.3km s-min=6.4km az=24.0

NEIC 23 17:28:07.8, 1.8, 4.94S, 0.07, 153.64E, 0.07, h75km, 4km, Mb5.7/179, Mw5.4, Mw5.5(GCMT), Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.25; Mw:0.30; Ms:0.05; Mn:0.15; Mv:0.88; Mw:1.22; Fault plane solution: M1.5400x10^17 Np1.5x267.98000°, δ35.59000°, λ10.00000°. NP2.169.81000°, δ84.20000°, λ125.17000°. Principal axes: T 1.5269, Plg4.0000°, Azm112.0000°; N 0.0232, Plg35.0000°, Azm346.0000°; P -1.5501, Plg30.0000°, Azm32.0000°

GCMT 23 17:28:09.6, 0.1, 5.20S, 0.01, 153.68E, 0.01, h58km, 1km, Mw5.5/132, Moment Tensor Solution. s130.c232, s32.c264; Duration: 163; Moment tensor: Scale 10^17 Nm; Mr:0.42; Mw:0.57; Mn:0.15; Mv:0.2; Mw:0.34; Mw:0.02; Mw:1.73; Mw:0.2; Best double couple: M2.12000x10^17 Np1.5x165.0000°, δ83.0000°, λ121.0000°. NP2.266.0000°, δ32.0000°, λ13.0000°. Principal axes: T 2.1110, Plg43.0000°, Azm105.0000°; N 0.0190, Plg31.0000°, Azm34.0000°; P -2.1300, Plg31.0000°, Azm229.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 23 17:28:09.9, 0.6, 5.4E, h93km, 5km, M5.5/44, mb5.5/44, mB5.8/35, Mlv6.5/3, Mw(MB)5.4/35, Mw6.3/1

NEIC 23 17:28:10.5, 2.1S, 153.67E, h55km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.56; Mw:0.62; Ms:0.05; Mn:0.38; Mw:1.10; Mw:1.73; Fault plane solution: M2.17000x10^17 Np1.5x163.0000°, δ81.0000°, λ121.0000°. NP2.268.0000°, δ32.0000°, λ178.0000°. Principal axes: T 1.3142, Plg45.0000°, Azm104.0000°; N 0.0638, Plg30.0000°, Azm338.0000°; P -2.1980, Plg29.0000°, Azm22.0000°

ISC 23 17:28:07.5, 0.2, 4.97S, 0.04, 153.70E, 0.04, h71km, 1km, h71km: pP, n608, c1928/627, mb5.6/175, 9C-5D, New Ireland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Rabal, Keravat, etc.



23d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAYA, CM31, CMAR, CHTO, etc.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like SBA, PKI, BILL, KKN, etc.

1242

Table with columns for station name, frequency, power, and other technical details. Includes stations like WAX, CROM, GLB, PAC, etc.



ISCJBJ 23 20:01:17.5:0.2:5.71S:0.03:150.44E:0.04,h100km, mb4.2/18, Error ellipse: s-maj=5.9km s-min=4.5km az=10.4

DJA 23 20:01:18.3:0.3:6.7S:4.151E, h96km,5km,MS.0/12, mb4.7/12,MLV5.0/3
IDC 23 20:01:18.1:0.9:5.75S:150.49E,h93km,9km,mb4.1/18, mb1.4/2/21,mb1mx4.1/37, Error ellipse: s-maj=13.4km s-min=6.9km az=121.0

NEIC 23 20:01:19.8:1.6:5.78S:0.06:150.45E:0.05,h109km,6km, mb4.8/26

ISC 23 20:01:18.9:0.4:5.76S:0.05:150.56E:0.07,h100km,n83, c113/90,mb4.6/24,New Britain region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TORI, TOA1, and PTGA.

JMA 23 20:04:46.4:0.2:25.09N:123.62E,h32km,ML1.5, Northeast of Taiwan

TAP 23 20:04:49.9:24.16N:121.68E,h11km,ML2.0,D,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IRIR, JISG, NACB, TWD, NANS, WHF, NNSB, TWC, CHGB, TDCB, EGFH, TWE, YHNB, SLBB, NWLT, VWDT, WHP, DPDB, LIOB, NSTT, MOS, SKHL, JMA, ISC, YUK, KUR, MANT, ULDT, BORD, KCTX, ARMT, WEL, CMWZ, BSWZ, TUWZ, TCW, BHW, PNZ, KHZ, MSWZ, CAWZ, THZ, PAWZ, MTW, TRWZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LAGR, GRPR, NEM2, NMR, JRA, JNSB, JKH, JAK, JAR, JCH, Yuzh-Sakhalins, YSS, JKB, JOT, AAK, AAK, AAK.

IDC 23 20:47:24.7:1.2:12.98N:145.74E,h0km,mb3.5/5, mb1.3/7.5, mb1mx3.5/39, mbltm3.5/5, Error ellipse: s-maj=28.8km s-min=18.8km az=63.0

ISCJBJ 23 20:47:28.7:1.2:13.01N:145.95E:0.2:h43km,mb3.5/5, Error ellipse: s-maj=26.8km s-min=12.2km az=139.9

ISC 23 20:47:30.8:1.3:13.00N:145.7E:0.2,h43km,n6, c1508/7,mb3.6/5, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUMO, WRA, ASAR, CMAR, MKAR, ILAR.

ISK 23 20:48:01.9:39.11N:29.17E,h5km,ML1.8/4

ISCJBJ 23 20:48:02.5:0.5:39.08N:0.03:29.16E:0.04,h7km,5km, Error ellipse: s-maj=6.5km s-min=5.0km az=137.2

DDA 23 20:48:02.0:39.10N:29.16E,h7km,2km,ML2.5

ISC 23 20:48:02.4:1.0:39.10N:0.04:29.15E:0.03,h9km,5km, n11,c0535/17,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SHAP, SMAA, GDZ, Uak-Merkez, TVSB, DURS, MANT, ULDT, BORD, KCTX, ARMT.

WEL 23 20:52:18.4:42.5:17.47E,h16km,2km,ML3.8/21, s-min=0.0km az=163.2, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMWZ, BSWZ, TUWZ, TCW, BHW, PNZ, KHZ, MSWZ, CAWZ, THZ, PAWZ, MTW, TRWZ.

Table with columns: HOWZ, Holdsworth Sta, 1.29 53 P, Pn, 20 52 41.6 -0.1, etc.

IDC 23 20:59:15.7:1.1, 52:33N, 171:41E, h0km, mb3.7/7, mb1 3.4/1.8, mb1mx3.6/50, mbtm3.7/8, ML3.0/1, MS3.5/1, Ms1 3.4/1, ms1mx2.4/34, Error ellipse: s-maj=49.5km s-min=21.5km az=151.0

ISCJB 23 20:59:18.9:0.8, 52:6N:02:171:18E:0:108, h33km, mb3.6/7, MS3.5/1, Error ellipse: s-maj=26.6km s-min=6.5km az=177.4

KRCS 23 20:59:21.5:1.7, 52:34N:170:23E, h5km, 45km, ML4.3

ISC 23 20:59:20.4:0.9, 52:4N:02:171:13E:0:073, h35km, n26, c190:22, mb3.6/7, Near Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISK 23 21:32:54.9, 39:07N:29:12E, h7km, ML1.9/6

DDA 23 21:32:55.7, 39:12N:29:04E, h7km, 2km, ML2.6

ISCJB 23 21:32:56.2:0.4, 39:11N:02:29:01E:0:04, h9km, 3km, Error ellipse: s-maj=5.8km s-min=3.6km az=24.5

ISC 23 21:32:55.8:0.5, 39:11N:02:29:04E:0:04, h11km, 5km, n18, c062/30, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

INMG 23 21:34:23.0:1.6, 34:84N:5:94W, h23km, 5km, ML1.7, Error ellipse: s-maj=11.4km s-min=4.3km az=77.0

ISCJB 23 21:34:24.0:0.8, 34:97N:0:03:6:17W:0:05, h22km, 7km, Error ellipse: s-maj=7.9km s-min=4.2km az=148.0

CNRM 23 21:34:24.6, 34:88N:1:17W, h10km, ml2.6

ISC 23 21:34:22.8:1.4, 34:94N:0:03:6:07W:0:03, h10km, 11km, n16, c130/29, ID, Morocco

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: PVAQ, Vaqueiros, 2.79 332 ePn, Pn, 21 35 08.2 +0.7, etc.

IDC 23 21:55:12.3:1.9, 3:98N, 126:36E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.6/58, mbtm3.9/4, Error ellipse: s-maj=164.0km s-min=26.0km az=66.0

MAN 23 21:55:15.2, 3:88N, 126:21E, h1km, MS3.3

ISCJB 23 21:55:16.9:0.9, 3:73N:0:07:2:36E:0:2, h35km, mb3.8/4, Error ellipse: s-maj=29.0km s-min=6.3km az=163.7

ISC 23 21:55:18.1:1.3, 3:7N:0:1:126:2E:0:2, h35km, n9, c113/9, mb3.9/4, 1C, Talaud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISK 23 21:58:01.8, 34:45N:32:90E, h9km, ML3.5/14

IDC 23 21:58:02.7:1.7, 34:55N:32:89E, h0km, mb3.7/2, mb1 3.7/7, mb1mx3.4/58, mbtm3.6/7, ML3.5/5, Error ellipse: s-maj=44.6km s-min=15.1km az=59.0

NIC 23 21:58:03.2:0.0, 34:60N:32:96E, h21km, ML3.7

ISCJB 23 21:58:03.2:0.0, 34:49N:0:02:32:89E:0:03, h8km, 3km, mb3.7/1, Error ellipse: s-maj=4.0km s-min=2.9km az=7.0

HLW 23 21:58:04.2, 34:68N:32:87E, h16km, 11km, ML3.6, ML3.9

NSCC 23 21:58:05.8:0.9, 33:22N:32:89E, h0km, 99km, ML2.7

ISC 23 21:58:04.7:1.0, 34:57N:0:03:32:91E:0:03, h15km, 7km, n66, c192:90, 5C-4D, Cyprus region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

SSZAC Souni 0.19 352 Op Pn 21 58 09.0 -0.2

SSZAC Souni 0.19 352 Op Pn 21 58 12.3 +0.1

SSZAC Souni 0.19 352 Op Pn 21 58 14.0

SSZAC Souni 0.19 352 Op Pn 21 58 15.9

SSZAC Souni 0.19 352 Op Pn 21 58 17.4

SSZAC Souni 0.19 352 Op Pn 21 58 18.8

SSZAC Souni 0.19 352 Op Pn 21 58 20.5

SSZAC Souni 0.19 352 Op Pn 21 58 22.0

SSZAC Souni 0.19 352 Op Pn 21 58 23.5

SSZAC Souni 0.19 352 Op Pn 21 58 25.0

SSZAC Souni 0.19 352 Op Pn 21 58 26.5

SSZAC Souni 0.19 352 Op Pn 21 58 28.0

SSZAC Souni 0.19 352 Op Pn 21 58 29.5

SSZAC Souni 0.19 352 Op Pn 21 58 31.0

SSZAC Souni 0.19 352 Op Pn 21 58 32.5

SSZAC Souni 0.19 352 Op Pn 21 58 34.0

SSZAC Souni 0.19 352 Op Pn 21 58 35.5

SSZAC Souni 0.19 352 Op Pn 21 58 37.0

SSZAC Souni 0.19 352 Op Pn 21 58 38.5

SSZAC Souni 0.19 352 Op Pn 21 58 40.0

SSZAC Souni 0.19 352 Op Pn 21 58 41.5

SSZAC Souni 0.19 352 Op Pn 21 58 43.0

SSZAC Souni 0.19 352 Op Pn 21 58 44.5

SSZAC Souni 0.19 352 Op Pn 21 58 46.0

SSZAC Souni 0.19 352 Op Pn 21 58 47.5

SSZAC Souni 0.19 352 Op Pn 21 58 49.0

SSZAC Souni 0.19 352 Op Pn 21 58 50.5

SSZAC Souni 0.19 352 Op Pn 21 58 52.0

SSZAC Souni 0.19 352 Op Pn 21 58 53.5

SSZAC Souni 0.19 352 Op Pn 21 58 55.0

SSZAC Souni 0.19 352 Op Pn 21 58 56.5

SSZAC Souni 0.19 352 Op Pn 21 58 58.0

SSZAC Souni 0.19 352 Op Pn 21 58 59.5

SSZAC Souni 0.19 352 Op Pn 21 59 01.0

SSZAC Souni 0.19 352 Op Pn 21 59 02.5

SSZAC Souni 0.19 352 Op Pn 21 59 04.0

SSZAC Souni 0.19 352 Op Pn 21 59 05.5

SSZAC Souni 0.19 352 Op Pn 21 59 07.0

SSZAC Souni 0.19 352 Op Pn 21 59 08.5

SSZAC Souni 0.19 352 Op Pn 21 59 10.0

SSZAC Souni 0.19 352 Op Pn 21 59 11.5

SSZAC Souni 0.19 352 Op Pn 21 59 13.0

Table with columns: BRBR, Vapa, comp=N, 50nm, 0.2s, eS, AML, Sn, 21 59 20.1 -2.1, etc.

IDC 23 21:59:15.7:1.1, 52:33N, 171:41E, h0km, mb3.7/7, mb1 3.4/1.8, mb1mx3.6/50, mbtm3.7/8, ML3.0/1, MS3.5/1, Ms1 3.4/1, ms1mx2.4/34, Error ellipse: s-maj=49.5km s-min=21.5km az=151.0

ISCJB 23 21:59:18.9:0.8, 52:6N:02:171:18E:0:108, h33km, mb3.6/7, MS3.5/1, Error ellipse: s-maj=26.6km s-min=6.5km az=177.4

KRCS 23 21:59:21.5:1.7, 52:34N:170:23E, h5km, 45km, ML4.3

ISC 23 21:59:20.4:0.9, 52:4N:02:171:13E:0:073, h35km, n26, c190:22, mb3.6/7, Near Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

ISCJB 23 21:58:22.4:1.1, 14:59N:0:09:92:22W:0:07, h74km, 9km, Error ellipse: s-maj=17.9km s-min=4.9km az=34.6

GCG 23 21:58:22.8:0.4, 14:61N:92:25W, h35km, 99km, MD4.0

NEIC 23 21:58:22.9:0.4, 14:59N:0:1:92:20W:0:09, h71km, 7km

MEC 23 21:58:22.7:0.8, 14:48N:92:17W, h71km, 7km, MD4.0

ISC 23 21:58:21.5:1.5, 14:61N:0:08:92W:0:06, h66km, 9km, n16, c087/31, ID, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 23 21:58:48.9:1.0, 39:51N:53:66E, h0km, mb3.8/12, mb1 4.0/20, mb1mx3.9/58, mbtm3.9/20, ML3.5/7, MS3.0/3, Ms1 3.0/3, ms1mx2.4/45, Error ellipse: s-maj=20.1km s-min=10.2km az=5.0

TEH 23 21:58:51.8, 39:69N:53:97E, h80km, ML4.0

ISCJB 23 21:58:51.4:0.2, 39:72N:0:02:53:93E:0:02, h35km, mb3.8/10, Error ellipse: s-maj=3.5km s-min=2.2km az=29.5

MOS 23 21:58:53.0:1.3, 39:77N:53:82E, h45km, mb4.0/4, Error ellipse: s-maj=8.0km s-min=5.1km az=134.0

NNC 23 21:58:55.3:3.1, 4:01N:54:50E, h0km, mb4.2, Error ellipse: s-maj=33.6km s-min=14.4km az=75.0

AZER 23 21:58:59.1:0.6, 39:44N:53:40E, h122km, 19km, ml4.1/15, Error ellipse: s-maj=6.8km s-min=5.3km az=107.0

ISC 23 21:58:52.5:0.6, 39:76N:0:05:53:96E:0:04, h35km, n158, c239/196, mb3.8/10, 18C-24D, Turkmenistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.



Table of astronomical observations for 23/22h, listing stations like ATGJ, SIYZ, LKRN, and various celestial objects with their coordinates and observation parameters.

Table of astronomical observations for 2013 SEP, listing stations like VRH, VSR, AAK, and various celestial objects with their coordinates and observation parameters.

Table of astronomical observations for 1246, listing stations like ARS, ZAK, TLY, and various celestial objects with their coordinates and observation parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cerrillos, Presa de Saban, San Juan, San Juan, InterUniversit, etc.

NIED 22 22:47:00.36:60N,140:90E,h11km,Mw3.9 Best double couple: M7.350000,1014,NP1,129.000000,851.000000,...

IDC 22 22:47:25.4:0.9,36:47N,140:95E,h0km,m3.9/11, mb1 4.0/15,mb1mx3.8/43,mbtmp3.8/15,ML3.4/3,MS2.6/1,...

ISCJB 22 22:47:27.5:0.7,36:52N,140:03,141:02E:0.05,h25km,4km, mb3.8/11, Error ellipse: s-maj=6.9km s-min=4.3km az=28.7.

JMA 22 22:47:29.3,36:53N,140:87E,h19km,1km,M4.2 Broadband fault plane solution: P waves, NP1,...

JMA Felt II J1. NEIC 22 22:47:32.6:1.6,36:53N,140:02,140:93E:0.09,h52km,9km, mb4.3/3

ISC 22 22:47:29.1:0.6,36:55N,140:04,140:86E:0.05,h20km,2km, n50,r150/56,mb3.8/13,3C-4D,Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Zihuatanejo, Puente Sto Nin, Atlantillo, Platanillo, etc.

MEX 23 23:00:04.2:0.6,16:52N,100:54W,h5km,MD3.9,Near coast of Guerrero

ISCJB 23 23:11:57.1:0.4,17:3N,100:04,126:98E:0.06,h103km, mb4.1/7, Error ellipse: s-maj=9.3km s-min=4.8km az=167.6

DJA 23 23:11:58.6:0.2,N,6:12'E, h116km,5km,M4.4/8, SA 23:22,mb4.5/5,ML3.8,Mw(4.8)/8.2

IDC 23 23:11:59.8,8.8,1.59N,126:95E,h103km,86km,m3.7/7, mb1 3.7/8,mb1mx3.5/37,mbtmp3.0/8,ML4.1/1, Error ellipse: s-maj=47.5km s-min=19.6km az=74.0

NEIC 23 23:12:00.7:1.0,15N,101:46,126:89E:0.08,h123km,9km, mb4.3/5

ISC 23 23:11:59.2:0.6,1:69N,100:05,126:93E:0.07,h103km,n33,r158/36,mb4.2/8,13C,Northern Molucca Sea

TNTI Ternate 1.01 154 Op Pn 23 12 21.9 +1.9

LBMI Labuha 2.39 166 P Pn 23 12 37.7 +0.8

DMMP Don Marcelino, 4.55 345 eS Pn 23 13 55.3 -2.3

LWAI Lamalera 4.90 178 P Pn 23 13 11.5 +0.8

SKMP Bagumbayan, Su 5.35 334 eS Pn 23 14 15.3 -1.9

KCP Kidapawan 5.59 341 fS Pn 23 14 27.6 +4.5

ASAR Alice Springs 26.11 165 P Pn 23 17 23.4 -0.2

STKA Stephens Creek 36.17 159 P Pn 23 18 50.9 -1.0

SONAO Songino Array 49.28 342 P Pn 23 20 38.5 +0.8

PETK Petropavlovsk-57 23 22 P Pn 23 21 36.2 +0.5

PEA1 Petropavlovsk-57 24 22 P Pn 23 21 36.2 +0.5

ZALV Zalesovo Beam 62.48 336 P Pn 23 22 11.5 -0.1

ZAA1 Zalesovo Array 62.49 333 P Pn 23 22 11.5 -0.1

TURK Kurchatov 63.56 328 P Pn 23 22 18.9 +0.1

KKAR Karatay Array 64.85 318 P Pn 23 22 27.7 0.0

TOA1 Torodi Arr. Bay 123.72 287 PKPdf PKPdf 23 30 45.5 -0.5

BJI 23 23:18:50.6:0.0,21:47N,100:62E,h14km,ML3.7/5, Ms3.4/2,Ms7.3/2,1,D,Myanmar-China border region

ISCJB 23 23:30:21.9:0.6,38:71N,100:46,56:41E:0.08,h10km, Error ellipse: s-maj=9.4km s-min=5.9km az=4.0

ISC 23 23:30:25.8,38:27N,56:46E,h10km,ML3.3, ISC 23 23:30:24.0:1.0,38:56N,100:06,56:43E:0.06,h10km,n19,r152/21,2C-2D,Iran-Turkmenistan border region

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

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

ISC 23 23:38:30.7:2.7,36:44N,71:36E,h189km,24km,mb3.5/14, mb1 3.6/21,mb1mx3.4/56,mbtmp4.1/21,MS3.0/1, Ms1 3.0/1,ms1mx2.2/31, Error ellipse: s-maj=19.4km s-min=13.9km az=3.0

ISCJB 23 23:38:32.8:0.2,36:75N,71:25E:0.03,h200km, mb3.7/15, Error ellipse: s-maj=3.7km s-min=3.0km az=161.9

NEIC 23 23:38:34.0:1.8,36:76N,71:37E:0.1,h197km,14km, mb4.0/3

MOS 23 23:38:33.0:0.9,36:72N,71:37E,h214km,mb4.0/6, Error ellipse: s-maj=10.9km s-min=5.3km az=85.7

ISC 23 23:38:32.9:0.5,36:73N,71:32E:0.04,h200km,n122,r158/138,mb3.9/15,14C-10D,Afghanistan-Tajikistan border region

GAR Garm 2.24 341 Pn 23 39 17.4 +1.7

CHGR Chuyangaron 2.58 319 Pn 23 39 48.8 +0.6

KBL Kabul 2.87 221 Pn 23 39 22.2 +1.0

CHCP Chirah Chowk 3.46 152 P Pn 23 39 29.9 +1.9

DLHR DHARAMSHALA 6.07 136 eS Pn 23 40 02.2 +0.9

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

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AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

AAK Ala-Archa 6.38 22 P Pn 23 40 06.7 +1.6

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KURK, KURK, KURK, AB31, AB31, AB31, etc.

IDC 23 23:53:51.1, 1.6, 4.54S:150.97E, h0km, mb3.9/3, mb1 4.2/4, mb1mx3.7/40, mbtmp4.0/4, ML2.0/1, MS3.6/2, Ms1 3.6/2, ms1mx2.9/25, Error ellipse: s-maj=56.1km s-min=10.1km az=159.0

ISCJB 23 23:53:53.4, 1.5, 4.5S:0.3, 151.0E:0.2, h33km, mb3.8/3, MS3.6/2, Error ellipse: s-maj=45.0km s-min=10.9km az=144.4

ISC 23 23:54:4.1, 1.5, 4.4S:0.3, 151.1E:0.2, h35km, n8, n0670/7, mb3.9/3, New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KRVT, KRVT, KRVT, PMG, PMG, PMG, etc.

IDC 24 00:01:25.6, 0.7, 5.1, 108N:170.80W, h0km, mb3.9/17, mb1 4.2/19, mb1mx4.0/50, mbtmp4.0/19, ML4.1/1, Error ellipse: s-maj=21.6km s-min=14.6km az=177.0

ISCJB 24 00:01:29.2, 0.4, 5.1, 25N:0.05, 170.64W:0.04, h33km, mb4.0/17, Error ellipse: s-maj=6.9km s-min=2.7km az=163.7

AEIC 24 00:01:30.2, 8.5, 32N:0.10, 170.71W:0.08, h26km, 5km, ML3.6, mb4.1/36(NEIC)

NEIC 24 00:01:31.3, 2.7, 5.1, 28N:0.08, 170.73W:0.08, h38km, 7km

ISC 24 00:01:31.0, 0.6, 5.1, 22N:0.09, 170.71W:0.04, h35km, n114, n126/114, mb3.9/19, Fox Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NIKH, NIKH, NIKH, KOFF, KOFF, KOFF, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OKAK, OKAK, OKAK, GSTR, GSTR, GSTR, etc.

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

MEX 24 00:08:42.2, 0.5, 15.363N:96.44W, h3km, 4km, MD4.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HUIG, HUIG, HUIG, HUIG, HUIG, etc.

IDC 24 00:21:48.4, 1.5, 40.40N:0.65E, h0km, mb3.6/1, mb1 3.5/6, mb1mx3.3/44, mbtmp3.4/6, ML3.8/4, Error ellipse: s-maj=21.3km s-min=16.4km az=161.0

MDD 24 00:21:50.4, 0.2, 40.383N:0.71E, h3km, 2km, mbLq3.6/40, Error ellipse: s-maj=1.1km s-min=1.0km az=84.0, PRXIMO MDD EMS: II INTENSIDAD MAXIMA.

MDD 24 00:21:50.4, 0.3, 40.373N:0.71E, h5km, 3km, ML3.6/22, Error ellipse: s-maj=1.5km s-min=1.1km az=137.0

SFS 24 00:21:50.0, 4.0, 30.30N:0.70E, h3km, ML3.6, GOLFO DE VALENCIA

LDG 24 00:21:51.7, 0.1, 40.363N:0.70E, h3km, Md3.7/5, Ml3.7/57, Error ellipse: s-maj=1.5km s-min=0.8km az=130.0

INMG 24 00:21:51.8, 2.4, 40.363N:0.72E, h13km, 4km, ML3.5, Error ellipse: s-maj=3.3km s-min=2.4km az=107.0

STR 24 00:21:52.1, 0.4, 40.363N:0.72E, h2km, 2km, ML3.5/3, Error ellipse: s-maj=3.3km s-min=2.4km az=107.0

ISC 24 00:21:48.8, 1.1, 40.383N:0.02, 0.73E:0.02, h7km, 8km, n200, n181/303, 1C, Spain

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ALCN, ALCN, ALCN, ALCN, ALCN, etc.

1249

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CARA, CBEU, ETOB, FILF, MSL, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like EGOR, SMRF, EPLA, LMR, ECAB, etc.

24d 0h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like TDRA, EMAZ, QUIF, GRR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RRRZ, WPHZ, TARZ, PNHZ, HRRZ, etc.

UCR 24 01:45.47±1.0, 9.55N-84.90W, h0km, h2km, MW3.6,

Table for Costa Rica with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SR1A, HDC, LCR2, etc.

Multiple lines of station coordinates and parameters for Costa Rica, including IDs like IDC 24 01:21.25, MOS 24 01:21.26, etc.

SOME 24 01:21.29, 42.75N-69.68E, h10km, MS3.5

ISC 24 01:21.25±1.2, 42.82N-0.02-69.57E, h0.03, h2km, 8km,

n180, e2842/236, mb4.2/19, MS3.0/7, 42C-36D, Central

Kazakhstan

Table for Kazakhstan with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BRLL, CHM, CHK31, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like AAK, AAK, AAK, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MDOK, MDOK, MDOK, etc.

1251

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV, Zalesovo Beam, ZAA1, Zalesovo Array, SVE, Sverdlouk, ARU, Arti, ARU, comp-Z, 0.0nm, 0.3s, baz=119, slow=6.9, SNR=4.9, etc.

NEIC 24 01:21:43.8±0.7, 16.54N±0.03, 100.41W±0.04, h14km, 4km MEX 24 01:21:46.0±0.7, 16.58N±0.03, 100.35W, h5km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAIG, El Cayaco, CAIG, El Cayaco, CAIG, El Cayaco, ZIIG, Zihuatanejo, ZIIG, Zihuatanejo, ZIIG, Zihuatanejo, etc.

ISCJB 24 01:24:15.6±1.4, 36.01S±0.06, 71.6W±0.2, h113km, 17km, Error ellipse: s-maj=21.1km s-min=7.8km az=17.2 SJA 24 01:24:15.4±0.7, 36.02S±0.07, 71.55W, h112km, 11km, ML2.5, MW3.4 GUC 24 01:24:16.0±0.7, 36.00S±0.07, 71.55W, h96km, 3km, ML3.2

2013 SEP

ISC 24 01:24:17.0±0.2, 36.00S±0.05, 71.6W±0.1, h102km, 21km, n9, o664/15, 2C-2D, Central Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CCHI, Chillan, CCHI, Chillan, CCHI, Chillan, COCH, Cobquecura, COCH, Cobquecura, etc.

NNC 24 01:26:48.7±2.1, 42.82N±69.45E, h0km, mb4.1, mpv3.3, Error ellipse: s-maj=12.4km s-min=8.0km az=81.0 SOME 24 01:26:49.9, 42.80N±69.45E, h10km KRNET 24 01:26:49.7, 0.1, 42.87N±69.38E, mb3.6

ISC 24 01:26:47.2±1.8, 42.82N±0.05, 69.48E±0.08, h2km, 12km, n13, o162/25, 6C-2D, Central Kazakhstan

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRSL, Boroday, BRSL, Boroday, BRSL, Boroday, CHM, Chikment, CHM, Chikment, etc.

ASRS 24 01:31:56.0±0.2, 52°N±9°1E, h5km, MLH3.3/22, smi:org.gfz-potsdam.de/geofon/LOCSAT\_earthModelID smi:org.gfz-potsdam.de/geofon/asp91 confirmed,

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CERR, Chermushki, VEH, Verkhnyaya Baz, VEH, Verkhnyaya Baz, ARDR, Aradan, ARDR, Aradan, etc.

MOS 24 01:44:22.7±0.0, 43.21N±46.15E, h14km, MPVA3.4 DRS 24 01:44:22.9±0.0, 43.29N±45.95E, h16km NORS 24 01:44:22.5±0.0, 43.15N±46.13E, h10km, MPVA3.5

ISCJB 24 01:44:23.1±0.8, 43.30N±0.05, 46.16E±0.04, h10km, 5km, Error ellipse: s-maj=8.7km s-min=3.1km az=22.2

ISC 24 01:44:24.6±1.1, 43.20N±0.05, 46.10E±0.03, h14km, 8km, n18, o075/35, Eastern Caucasus

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GROC, Groznyy, GROC, Groznyy, BTLR, Botlikh, BTLR, Botlikh, etc.

24d 1h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like XNZR, Khunzakh, XNZR, Khunzakh, BUJR, Buynaksk, BUJR, Buynaksk, etc.

IDC 24 01:49:33.4±2.1, 0.47N±127.55E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/32, mbtp3.6/3, MS3.6/1, Ms1 3.6/1, ms1mx2.6/21, Error ellipse: s-maj=170.3km s-min=25.5km az=67.0, Halmahera

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

TAP 24 01:52:27.7, 22.31N±121.04E, h4km, ML3.8, 2D, C, Taiwan region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAW, Tawu, TAW, Tawu, EAST, Anshuo, EAST, Anshuo, ECL, Taimali, ECL, Taimali, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HGSD Ruisui, CHNB Yiju, CHY Chiayi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PB07 IPOC Station P, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like L04D Manzanita Entr, LMEM Colby Mountain, etc.

1253

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like ABVI Aneгада Island, 356A Blackshear, BRAL Brewton, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like UALR University of Arkansas, CLTN Cedars of Lebanon, MIAR Mount Ida, etc.

24d 3h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like P53A comp=Z,7.1nm,1.0s, P48A Milroy, P48A Milroy, etc.



24d 3h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like X16A, MVCO, G55A, ECSD, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MDND, BDFB, MPMC, R11A, etc.

1254

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like A36M, BCAR, SUMG, etc.

ISCJB 24 03:49:33.2,0.8,26:94S:0.06:178:02W:0.08, h199km,8km,mb4,0/1, Error ellipse: s-maj=12.0km

NEIC 24 03:49:34.3,1.7,26:96S:0.06:178:0W:0.1, h199km,5km, mb4,2/27

IDC 24 03:49:35.2,1.0,26:90S:177:91W, h208km,8km,mb3,9/11, mb4,1/12,mb1mx4,0/22,mbtmp4,4/12, Error ellipse: s-maj=17.0km s-min=14.8km az=86.0

ISC 24 03:49:34.8,0.7,27:00S:07:177.9W:0.1, h207km,6km, h207km:pP,n71,01933/73,mb4,2/24, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAO, NIUE, URZ, etc.



24d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MYKA Terra Mystica, KBA Koelnbreinspach, ABTA Abfallersbach, etc.

IDC 24 04:28:46.5-1.4, 26.83N-143.46E, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/28, mbtmp3.7/4, ML3.1/1, MS2.9/2, Ms1 2.9/2, ms1mx2.5/33, Error ellipse: s-maj=65.6km s-min=28.8km az=99.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCJ Chihijima, MJAR Matsushiro Arr, GUMO Guam, etc.

TIF 24 04:34:31.8, 41.26N, 43.86E, h0km, 2km DDA 24 04:34:31.8, 41.44N, 43.79E, h7km, 7km, ML2.5

ISCJB 24 04:34:32.2, 1.3, 41.2N, 0.1, 43.84E, h0km, 8km, Error ellipse: s-maj=19.5km s-min=3.6km az=172.3

ISC 24 04:34:32.0-1.1, 41.41N, 0.1, 43.82E, h0km, 9km, n13, c0544/23, Turkey-Gorgia-Armenia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BGD Bogdanovka, AKH Akhkalokali, KZRT Kazreti, etc.

THR 24 04:43:26.9, 28.80N, 57.43E, h15km, ML3.2 ISCJB 24 04:43:27.0-0.4, 28.87N, 0.02, 57.56E, h10km, Error ellipse: s-maj=8.2km s-min=3.4km az=2.3

TEH 24 04:43:32.9, 28.95N, 57.11E, h28km, ML3.3 OMAN 24 04:43:35.0, 2.8, 28.59N, 57.74E, h37km, mi3.9/7, Error ellipse: s-maj=4.9km s-min=4.0km az=38.0

DSN 24 04:43:35.0, 0.9, 28.62N, 57.32E, h15km, ML3.9/7, Error ellipse: s-maj=43.2km s-min=6.8km az=116.0

ISC 24 04:43:29.5-1.1, 28.88N, 0.03, 57.49E, h10km, n44, c1563/51, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHN Kahnooj, CHMN Chesme madani, NGRK Negar Kerman, etc.

2013 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHBR Chabahar, YZKH Yazd, ASHO Ashiyah, etc.

NEIC 24 04:46:46.2, 1.8, 84N, 0.08, 104.7W, 0.1, h7km, 12km ISCJB 24 04:46:47.3, 0.7, 18.86N, 0.06, 104.65W, 0.05, h20km, mb3.5/4, MS3.2/3, Error ellipse: s-maj=10.5km s-min=4.5km az=31.0

MEX 24 04:46:49.6, 0.9, 18.77N, 104.17W, h16km, 15km, MD4.1 IDC 24 04:46:51.3, 1.4, 19.49N, 104.31W, h0km, mb3.5/4, mb1 3.0/8, mb1mx3.7/23, mbtmp3.7/8, ML3.6/4, MS3.2/8, Ms1 3.2/8, ms1mx3.0/77, Error ellipse: s-maj=32.8km s-min=20.9km az=32.0

ISC 24 04:46:50.9, 18.98N, 0.08, 104.55W, h20km, n50, c173/49, mb3.9/13, MS3.3/3, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like R15V, CJM, ZIIG, MOIG, etc.

1256

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, TGIG, CMIG, etc.

MDD 24 05:24:30.9, 3.3, 37.25N, 14.24W, h0km, mb3.9/9, Error ellipse: s-maj=30.2km s-min=26.3km az=35.0, PRXIMO, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMAFR, PFVI, EGRO, etc.

IDC 24 05:27:40.2, 2.0, 19.31N, 145.96E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/30, mbtmp3.6/4, Error ellipse: s-maj=187.5km s-min=26.3km az=115.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S, WRA, YKA, etc.

MDD 24 05:35:49.7, 1.2, 36.67N, 15.64W, h30km, mb4.7/35, Error ellipse: s-maj=17.3km s-min=7.7km az=127.0, PRXIMO

IGL 24 05:35:50.8, 36.69N, 15.66W, h31km, ML4.0 CNRM 24 05:35:52.8, 36.59N, 15.28W, h30km, m4.1

INMG 24 05:35:52.3, 3.8, 36.70N, 15.67W, h10km, ML3.6, Error ellipse: s-maj=10.3km s-min=3.5km az=119.0

LDG 24 05:35:52.0, 3.0, 36.85N, 15.55W, h30km, ML3.7/4, Error ellipse: s-maj=5.7km s-min=4.5km az=27.0

ISC 24 05:35:46.0, 0.2, 36.80N, 0.02, 15.41W, h0km, n122, c2911/160, 5C-2D, Azores-Cape St. Vincent Ridge

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

Table with columns: MORF, Marlete, 5.43, 83, ePn, Pn, 05 37 10.6, +3.5, 05 38 07.6, -2.1, 05 38 16.5, ...

Table with columns: EADA, Adamuz, 8.72, 78, P, Pn, 05 37 55.6, +3.4, 05 39 26.8, -3.8, 05 39 19.4, -1.2, ...

Table with columns: SDLR, Sedlovina, 4.89, 249, eP, Pn, 05 40 59.5, +4.9, 05 41 55.4, +5.4, 05 40 59.9, +4.5, ...

SNET 24 05:45:45.4; 0.9, 12.94N:88.94W, h34km, gkm, ML3.7, 1D, Off coast of central America

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

IDC 24 05:46:47.5; 0.8, 4.07N: 128.49E, h0km, mb3.9/10, mb1 4.1/10, mb1mx3.9/33, mbtmp3.9/10, MS3.2/4, Ms1 3.3/4, ms1mx2.8/39, Error ellipse: s-maj=45.0km s-min=15.1km az=72.0

NEIC 24 05:46:57.5; 1.6, 3.89N: 0.06; 128.1E; 0.2, h74km, gkm, mb4.3/13

ISC 24 05:46:54.0; 0.7, 4.04N: 0.08, 128.4E; 0.2, h46km, n50, WAKE ISLAND Hy 40.12, 15, MS3.1/3, North of Halmahera

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

IDC 24 06:04:50.2; 2.2, 2.33N: 128.26E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/54, mbtmp3.6/4, MS3.5/1, Ms1 3.5/1, ...

KRSC 24 05:39:43.6; 1.2, 55.27N: 166.51E, h38km, 7km, ML3.8, Komandorsky Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, WRA Warrunganga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

ISCJB 24 06:10:38.4, 0.6, 23.78N, 0.07, 141.18E, 0.2, h100km, mb3.9/14, Error ellipse: s-maj=22.9km s-min=9.2km az=7.2

IDC 24 06:10:39.7, 6.7, 23.80N, 141.79E, h94km, mb3.7/14, mb1.3/8.14, mb1mx3.6/58, mbtmp, 0/14, Error ellipse: s-maj=25.5km s-min=13.5km az=86.0

ISC 24 06:10:40.0, 0.7, 23.78N, 0.09, 141.8E, 0.2, h100km, n24, c0548/20, mb4.0/14, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CJC Chichijima, USRK Ussuriysk Ar., H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, WRA Warrunganga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, ILAR Eielson Array, INK Inruik, YKA Yellowknife Ar, ARCES ARCESS Array B, FINES FINES Array B, NVAR Mina Array Bea, TORD Torodi Ar. Bea, PLCA Pasa Flores, LPAZ La Paz.

TEH 24 06:14:24.4, 34.48N, 54.39E, h100km, ML3.5
ISCJB 24 06:14:25.6, 0.5, 34.48N, 0.05, 54.50E, 0.05, h100km, Error ellipse: s-maj=7.3km s-min=5.7km az=26.8

THR 24 06:14:23.6, 1.0, 34.45N, 0.04, 54.49E, 0.03, h100km, n39, c209/36, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IANJ Anjilo, ILAS Lasjed, ISHM Shahrazad, IFIR Firozkooch, YZKH Yazd, IGLO Ghaloghah, TPV Parvadeh(Tabas), TABS Tabas, TKDS Koohdash(Taba), IVRN Varamin, IZEF Zefreh, ISAD Sadrabad, GHVR GHOM, IKHL Kolahrood, IGAR Gharneh, IBAF Bafagh, IMEH Mehruz, CHTH Charan, IRAM Rameshseh, SBVZ Sabzevar, MRVT Maraveh tapeh, ROKH ROKH, ASAO Asthian, BJRD Bojnurd, IKOO Kooshah, BSRN Basiran, KRBR Kerman, KRBR Kerman, SHRT Shahrakht, SHRT Shahrakht.

SOME 24 06:36:28.7, 42.67N, 75.65E
ISCJB 24 06:36:29.2, 0.4, 42.68N, 0.02, 75.67E, 0.03, h0km, Error ellipse: s-maj=3.5km s-min=2.7km az=5.9

KNET 24 06:36:29.1, 0.2, 42.69N, 75.70E, h10km, 3km, ml1.0, Error ellipse: s-maj=2.4km s-min=1.2km az=67.0

KRNET 24 06:36:29.0, 1.4, 42.66N, 75.62E, h0km, mb3.2, mpv2.6, NNC 24 06:36:29.0, 1.4, 42.66N, 75.62E, h0km, mb3.2, mpv2.6, Error ellipse: s-maj=9.9km s-min=4.5km az=131.0, Suspected Mining explosion.

ISC 24 06:36:29.0, 0.9, 42.67N, 0.02, 75.66E, 0.02, h0km, n23,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, KST Kasteek, KBK Kajisaybulak, ULHL Ulahol, KZA Kyzart, IZV Izvestkoviy, AAK Ala-Archa, USP Oshpovka, KDJ Kujibayev, EKS2 Erkin-Say, AML Almayushy, MRKS Merke, ARXS Arxharly, KK31 Karatay Array, KK31 Karatay Array.

IDC 24 06:38:32.5, 5.7, 0.48S, 18.45W, h0km, mb3.8/1, mb1.3/9.2, mb1mx3.5/29, mbtmp, 3/9.2, ML4.1/1, MS3.1/1, ms1mx2.6/27, Error ellipse: s-maj=41.16km s-min=67.6km az=139.0

ISC 24 06:38:34.4, 3.6, 1.1S, 1.18W, h10km, n12, c160/6, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, H10N1 ASCENSION HYDR, H10S1 ASCENSION HYDR, H10S3 ASCENSION HYDR, H10S2 ASCENSION HYDR, LIC Lamite, TIC Toumudi, KIC Kusan Boka, DBIC Dimbroko, DBIC Dimbroko, TORD Torodi Ar. Bea, ASAR Alice Springs.

ANF 24 07:17:18.2, 0.2, 48.20N, 78.40W, h1km, ML2.3/8, Error ellipse: s-maj=2.3km s-min=1.3km az=112.0

ISCJB 24 07:17:19.3, 0.4, 48.24N, 0.02, 78.39W, 0.04, h10km, Error ellipse: s-maj=3.9km s-min=2.7km az=25.9

OTT 24 07:17:19.2, 0.1, 48.23N, 78.45W, h1km, MLN2.5/6, 26km north-west from Malartic, QC

ISC 24 07:17:18.7, 0.6, 48.23N, 0.02, 78.35W, 0.03, h10km, n26, c15/140, Southern Quebec

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VLDO Val d'Or, KILO Kirkland Lake, LSQO Lebel-sur-Quev, D53A Lac Vachic, D53A Lac Vachic, D52A ZEK Kipawa Sen, D51A Lot 18 Range I, D51A Lot 18 Range I.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like D50A G1974 Best Tow, D50A Lac Fusel, D54A Lac Fusel, D54A Lac Fusel, MATO Matagami, MATO Matagami, MATO Matagami, EEO Eidee, E51A G1948 Merrick, E53A Dumoine, Pont, E52A Mattawa, E54A Lac Duplat, E54A Lac Duplat, CRLO Chalk River, CRLO Chalk River, D55A Sainte-Anne-du, E55A Montfort-Lytto, E56A St. Veronique, G54A Lake Saint Pet, BUKO Buck Lake, G53A Haliburton, E48A Lockeyer, PLVO Plevna, D47A Chappleau.

MOS 24 07:22:50.5, 1.1, 7.39N, 59.56E, h10km, mb5.7/89, MS4.8/45, Error ellipse: s-maj=6.2km s-min=3.3km az=104.6

NEIC 24 07:22:50.9, 1.2, 7.37N, 0.07, 59.54E, 0.08, h4km, 1km, mb5.6/161, Ms\_20.5/0.153, Mw0.5, Mwc5.6(GCMT), Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.41; Mw=0.61; Ms=1.02; M0=0.30; M1=1.47; M2=0.13; Fault plane solution: Mo:1.950000x10^17 NP1: 0.191, 0.10000, 0.62, 93.00000, lambda=15.08000, NP2: 0.288, 0.00000, 0.876, 60.00000, lambda=152.11000. Principal axes: T 1.9424, Plg9.00000, Azm57.00000; N 0.0066, Plg59.00000, Azm312.00000; P -1.9490, Plg29.00000, Azm152.00000;

IDC 24 07:22:51.6, 0.4, 7.53N, 59.59E, h0km, mb5.0/46, mb1.5/148, mb1mx5.1/50, mbtmp5.1/48, ML4.0/2, MS4.8/44, Ms1.4/44, ms1mx4.8/50, Error ellipse: s-maj=10.5km s-min=9.8km az=42.0

BUJ 24 07:22:51.1, 0.0, 7.50N, 59.60E, h10km, mb5.2/68, mb5.6/62, Ms5.5/66, Ms7.5/366

GCMT 24 07:22:54.0, 0.1, 7.54N, 0.01, 59.52E, 0.01, h12km, MW5.5/151, Moment Tensor Solution. s92.c146; s151.c305; Duration: 1s4 Moment tensor: Scale 10^17 Nm; Mr=1.32x10^17; Mw=0.02x10^17; Ms=1.35x10^17; M0=0.92x10^17; M1=0.66x10^17; M2=0.21x10^17; Best double couple: M2.266000x10^17 NP1: 0.296, 0.00000, 0.865, 0.00000, lambda=132.00000, NP2: 0.181, 0.00000, 0.848, 0.00000, lambda=35.00000. Principal axes: T 2.5850, Plg10.00000, Azm54.00000; N -0.6310, Plg37.00000, Azm316.00000; P -1.9490, Plg51.00000, Azm157.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISCJB 24 07:22:54.1, 0.7, 7.35N, 0.03, 59.56E, 0.02, h32km, 5km, mb5.4/72, MS4.9/103, Error ellipse: s-maj=4.4km s-min=2.7km az=22.3

NEIC 24 07:22:55.7, 5.6N, 59.50E, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=1.41; Mw=0.02; Ms=1.39; M0=0.93; M1=1.81; M2=0.15; Fault plane solution: M2.47000x10^17 NP1: 0.294, 0.00000, 0.864, 0.00000, lambda=133.00000, NP2: 0.180, 0.00000, 0.849, 0.00000, lambda=35.91000. Principal axes: T 2.7438, Plg9.00000, Azm54.00000; N -0.6340, Plg38.00000, Azm317.00000; P -2.0554, Plg50.00000, Azm155.00000;

ISC 24 07:22:53.9, 0.5, 7.36N, 0.03, 59.55E, 0.03, h19km, 2km, h20km, pp-P, n1186, c1959/1225, mb5.5/239, MS5.0/160, 29C-54D, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHAO Shalim, RBK Rabkut, ABTO Aybut, WHFO Wadi Hawf, MSEY Mahe Island, MSEY Mahe Island, MNCI Minicoy, MNCI Hanimaadhooh, JLJN Jalan Bani Buh, JMDO Madar, KAAM Kaadheedhooh, WSK Wadi Bani Khal, BBSB Bisya, SMDO Samad, WSAR Wadi Sarin, WSAR Wadi Sarin, BSAR Wadi Sarin, BIDR Bidbid, ARQ Araqi, HOQ Hoqain, DAMY Dhamar, MZR Muzera, MZR Muzera, ATD Arta Tunnel, ATD Arta Tunnel, ALNE Al Ain, ASHO Ashiyyah, ASHO Ashiyyah, ASUD Al Ashush, ASUD Al Ashush, ASUD Al Ashush, Dub.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HATD Hatta, Dubai, FAQ Al Faqa, Dubai, H082N Diego Garcia H, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAMN Ramite, JIRN Jiri, ASF Jabal al Asfar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KEBE Keben-Mersin, TEKE Tekeli-Mersin, AAK Ala-Archa, etc.

24d 7h

Table with columns for station call signs (e.g., UZB, BRTR, CHTO), frequencies, and signal parameters. Includes sub-headers like 'comp=N, 124nm, 2.7s' and 'smax smax'.

2013 SEP

Table with columns for station call signs (e.g., GULT, ANNA, SIVA), frequencies, and signal parameters. Includes sub-headers like '41.91 326 P' and 'IAMS\_20 IAMS\_20'.

1260

Table with columns for station call signs (e.g., VILL, EDRE, MRFK), frequencies, and signal parameters. Includes sub-headers like 'comp=Z, 2um, 19.0s' and 'P P'.

1261

Table with columns for station name, frequency, mode, and other parameters. Includes stations like Vitosha, Vriocioia, Tescani, etc.

2013 SEP

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BZS, CCSI, DRGR, etc.

24d 7h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like OJC, OJC, TAM, etc.



24d 7h

2013 SEP

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

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

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



24d 8h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Americus, Grant Village, TIGRA, etc.

2013 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Cornudas Mount, MWC Mount Wilson, BWC Belle Mtn. Jos, etc.

1264

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PLAI Ende, Flores, MMRI Maumere, BATI Baunata, etc.



24d 10h

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

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

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

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

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

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

2013 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNRA, FITZ, YOB, WRAB, etc.

SOME 24 09:57:43.1, 43:54N:82:03E, h15km
NVC 24 09:57:45.9, 1.6, 43:52N:81:84E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=16.9km s-min=6.8km az=146.0

ISC 24 09:57:41.7, 2.3, 43:47N:81:07E, h16km, 13km,
n24, r162/39, 7C-2D, Northern Xinjiang

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

1266

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKM2, TKM2, TKM2.

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

ZUR 24 10:38:17.8, 47:54N:8:70E, h20km, MLh2.2/32, Error
ellipse: s-maj=1.2km s-min=0.5km az=276.0

LDG 24 10:38:17.9, 0.0, 47:55N:8:68E, h20km, Md2.3/2, Ml2.3/11,
Error ellipse: s-maj=0.7km s-min=0.5km az=18.0

STR 24 10:38:18.7, 0.6, 48:1N:3:3E, h15km, 3km, MLv1.9/6
BGR 24 10:38:18.1, 0.2, 47:55N:8:67E, h21km, 1km, ML1.8/9,
Error ellipse: s-maj=3.3km s-min=2.2km az=27.0

ISC 24 10:38:17.8, 0.8, 47:55N:0:02E, h86E, 0.01h, h9km, 1km,
n78, r192/127, 30C-10D, Switzerland

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABH Alteburg, SFFT Sextfontaines, MEZF Maizieres J'vi, etc.

ISCJB 24 11:12:19.5±0.7, 6.22N, 0.07±126.62E±0.07, h100km, mb3.6/7, Error ellipse: s-maj=12.0km s-min=6.4km az=41.1

MAN 24 11:12:20.4, 6.14N, 126.42E, h115km, MS3.9, IDC 24 11:12:22.0±2.7, 6.26N, 126.72E, h110km, 25km, mb3.4/7, mb1 3.6/7, mb1mx3.3/39, mbtmp3.8/7, Error ellipse: s-maj=58.4km s-min=15.3km az=74.0

ISC 24 11:12:21.6±0.8, 6.12N, 126.50E±0.10, h100km, n16, ±2.08/13, mb3.77, 2C-1D, Mindanao

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

MEX 24 11:14:30.8±0.4, 16.56N, 94.35W, h100km, 5km, MD3.8

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

IDC 24 11:29:46.1±0.3, 26.91N, 65.52E, h0km, mb5.8/52, mb1 5.9/55, mb1mx5.9/55, mbtmp5.9/55, MLS2/3, MS7.7/44, MS1 7.7/44, ms1mx7.6/59, Error ellipse: s-maj=9.3km s-min=8.3km az=2.0

NEIC 24 11:29:48.0±1.9, 26.95N, 65.50E±0.07, h15km, 1km, mb6.8/284, Ms 20.8/0.730, Mw7.7, Mww7.7, Mw7.8(GCMT)

ISCJB 24 11:29:47.7±0.1, 26.97N, 65.51E±0.01, h25km, mb6.4/280, MS7.8/149, Error ellipse: s-maj=2.1km s-min=1.2km az=19.7

MOS 24 11:29:47.1±1.1, 27.05N, 65.55E, h17km, mb6.8/65, MS7.8/90, Error ellipse: s-maj=3.8km s-min=2.6km az=103.7 Brodaba fault plane solution: P waves.

M29 10000±1019 NP1:322.00000, 886.00000, λ-137.00000. Principal axes: T: Plg25.00000, λ-6.00000. NP2:228.00000, 848.00000, Azm78.00000. NP3:130.00000, 887.00000, Azm326.00000. P: Plg32.00000, Azm194.00000.

NEIC 24 11:29:48.3, 26.92N, 64.99E, h23km, Moment Tensor Solution. Moment tensor: Scale 10^20Nm; Mr0.42; Mw-3.36; Mw2.94; Mw2.02; Mw0.04; Mw1.2322. Fault plane solution: M4.40000±1020 NP1:31.00000, 886.00000, λ-136.00000. NP2:228.00000, 846.00000, λ-137.00000. Principal axes: T: 4.4576, Plg33.00000; Azm21.00000; N: 0.0802, Plg45.0000; Azm339.00000; P: -4.3774, Plg26.0000; Azm189.0000.

BJJ 24 11:29:48.6±0.0, 26.97N, 65.52E, h30km, mb6.1/86, mB7.2/79, Ms7.9/95, Ms7.8/85

GCMT 24 11:30:08.0±0.1, 26.70N, 65.04E, h12km, MW7.8/163, Moment Tensor Solution. s154.c310; s163.c694; Duration: 18s Moment tensor: Scale 10^20Nm; Mr-0.52±.01; Mw-3.88±.01; Mw2.36±.01; Mw3.72±.11; Mw0.03±.01; Mw-2.24±.11; Best double couple; Mw5.59000±1020 NP1:31.00000, 887.00000, λ-129.00000. NP2:223.00000, 839.00000, λ-14.00000. Principal axes: T: 5.0370, Plg36.0000; Azm73.0000; N: 1.1060, Plg39.0000; Azm307.0000; P: -6.1430, Plg31.0000; Azm188.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s. Triangular moment-rate function

NEIC 24 11:30:08.26±0.3, 26.91N, 65.52E, h10km, 1km, mb3.0/22.8, 26.77N, 64.99E, h10km, Moment Tensor Solution. Moment tensor: Scale 10^20Nm; Mr-0.43; Mw-3.74; Mw3.31; Mw3.63; Mw0.03; Mw-0.83; Fault plane solution: M5.14000±1020 NP1:31.00000, 888.00000, λ-137.00000. NP2:218.00000, 847.00000, λ-20.27000. Principal axes: T: 3.7595, Plg27.0000; Azm75.0000; N: 2.0984, Plg47.0000; Azm312.0000; P: -5.8579, Plg30.0000; Azm183.0000.

NEIC 24 11:30:22.8±0.7, 6.26N, 126.72E, h110km, 25km, mb3.4/7, mb1 3.6/7, mb1mx3.3/39, mbtmp3.8/7, Error ellipse: s-maj=58.4km s-min=15.3km az=74.0

ISC 24 11:29:48.2±0.3, 26.91N, 65.53E±0.02, h15km, 1km, h101km, pP-P, n2881, ±26/19220, mb6.7/380, MS8.0/534, 101C-125D, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JASL Jaisalmer, BHUJ Bhuj, WSAR Wadi Sarin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JLN Wadi Bani Khal, WBK Wadi Bani Khal, BIDO Bidbid, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pn 11 33 37.8 -3.3, Pn 11 36 39.8, Pn 11 33 37.8 -3.3, etc.

24d 11h

2013 SEP

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Table of astronomical data for 24d 11h, listing objects like IKRK, GTK, DRN, TDK, YOVA, etc., with their coordinates and magnitudes.

Table of astronomical data for 2013 SEP, listing objects like MKAR, KARO, BNGB, etc., with their coordinates and magnitudes.

Table of astronomical data for 1268, listing objects like BVAR, BVAR, KMRS, etc., with their coordinates and magnitudes.

Table with multiple columns containing flight codes, destinations, and status information. Includes entries like ARU, ARU, ARU, etc.

Table with multiple columns containing flight codes, destinations, and status information. Includes entries like GULT, SAUV, KHAL, etc.

Table with multiple columns containing flight codes, destinations, and status information. Includes entries like PBKT, PBKT, PBKT, etc.



24d 11h

Table with columns for station name, frequency, and signal strength. Includes stations like ODBI, SORM, SZH, KDZ, SERI, etc.

2013 SEP

Table with columns for station name, frequency, and signal strength. Includes stations like TLY, Talaya, AGG, AGG, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like MCGM, MCGM, MNC, MNC, etc.



Table with columns: PRA, PRA, comp-Z, location, time, and various status codes (eS, S, AMS, etc.). Includes entries like NRCA Norcia, PVCC Panska Ves, KBA Koelnbreinsper, etc.

Table with columns: QZH, comp-Z, location, time, and various status codes (pmax, pmax, LR, etc.). Includes entries like QZH comp-Z,390nm,1.3s, QZH comp-Z,34um,8.0s, etc.

Table with columns: HAMF, HAMF, HAMF, comp-Z, location, time, and various status codes (eS, S, IVMS\_BB, etc.). Includes entries like HAMF comp-Z,587um,16.3s, HAMF NORSAR Array S, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BMOJ, CGJI, BMLP, CKRH, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BJO1, Bjornoya, BJO1, BJO1, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like UGM, RCP, Roxas, Stroud, etc.



Table with columns for station name, frequency, and signal strength. Includes stations like MBWA Marble Bar, ANGG Ammassalik, PSAD1 Pilbara Seismi, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like NRS Narsarsuaq, PMAN Manadass, ROSA Rosais, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like IL31 Eielson Array, ILAR Eielson Array, EPYK Eagle Plains, etc.







24d 11h

Table with columns: ID, Name, Time, Status, Location, Date, Time, Status, Location, Date, Time, Status, Location. Includes entries like 044A Mansfield, 109.02 339 IAMS\_20 IAMS\_20 12 37 15.9, 141A Harden Midland, 109.24 337 P Pdif 11 44 11.8 -2.2, etc.

2013 SEP

Table with columns: ID, Name, Time, Status, Location, Date, Time, Status, Location, Date, Time, Status, Location. Includes entries like X57A Johnson Farm, 110.81 330 P Pdif 11 44 19.9 -1.2, BIRD Birtown, Kers 110.83 330 IAMS\_20 IAMS\_20 12 38 20.2, etc.

1278

Table with columns: ID, Name, Time, Status, Location, Date, Time, Status, Location, Date, Time, Status, Location. Includes entries like V54A Sparta, 113.06 331 P Pdif 11 44 28.0 -3.1, PEBM Pemiscott Bayo, 113.15 338 IAMS\_20 IAMS\_20 12 39 53.3, etc.



24d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIV, CTAU, CHIC, NORC, ROSC, etc.

2013 SEP

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

1280

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

Table with columns: Station Name, Frequency, Class, Mode, Time, and other parameters. Rows include stations like ALN Alexandroupoli, SORM Soroca, and MORH Mrgy, Hungary.

Table with columns: Station Name, Frequency, Class, Mode, Time, and other parameters. Rows include stations like ZST Bratislava, MORC Moravsky Berou, and ARCS ARCESS Array B.

Table with columns: Station Name, Frequency, Class, Mode, Time, and other parameters. Rows include stations like ECH Echery, NB2 NORRSAR Subarra, and TORO Torodi Arr.

24d 11h

Table of astronomical observations for 24d 11h, listing stations like SCO, BORG, MA2, etc., with columns for coordinates, magnitudes, and other parameters.

2013 SEP

Main table of astronomical observations for 2013 SEP, listing stations like PDAR, NV01, NVAR, etc., with columns for coordinates, magnitudes, and other parameters.

1282

Table of astronomical observations for 1282, listing stations like BRVK, ZALV, ZAA1, etc., with columns for coordinates, magnitudes, and other parameters.

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

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

Table with columns: SOEI, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI, SOEI, PE1A, etc.

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

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

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

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

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

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

24d 12h

Table with columns: GDB, GEDABAY, SNR, 2.43 313, P, Pn, 12.06 12.3 +1.1, etc.

ISCJB 24 12:07:05.4-0.2, 27.25N:0'03:65.71E:0.02, h18km, mb4.6/52, MS4.5/1, Error ellipse: s-maj=4.7km, s-min=3.1km az=10.8

IDC 24 12:07:05.0-0.7, 27.30N:65:65E, h0km, mb4.3/20, mb1 4.5/22, mb1mx4.3/59, mbmp4.4/22, ML4.2, Error ellipse: s-maj=16.7km s-min=14.2km az=27.0

MOS 24 12:07:05.8-1.1, 27.26N:65:65E, h18km, mb4.9/26, Error ellipse: s-maj=7.6km s-min=4.7km az=93.5

BUI 24 12:07:06.4-0.0, 27.49N:65:75E, h10km, mb4.9/29, mb2.8/4, Ms4.6/1

NEIC 24 12:07:06.6:1.5, 27.35N:0'07:65:66E:0.08, h10km, mb4.7/39

ISC 24 12:07:07.2-0.4, 27.25N:0'05:65:68E:0.04, h18km, n212, c1965/219, mb4.7/64, 9C-4D, Pakistan

Main table for 24d 12h section with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

2013 SEP

Main table for 2013 SEP section with columns: GNI, Garni, 21.59 312, P, Pmax, 12 11 55.9 -0.3, etc.

1284

Main table for 1284 section with columns: HHC, Hu-ho-hao-te, 39.92 58, P, Pmax, 12 14 41.3 +0.8, etc.

NNC 24 12:22:39.1-3.4, 38.79N:70:12E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=25.3km s-min=17.5km az=7.0

KRNET 24 12:22:40.4-0.1, 39.07N:70:12E, mb3.9

ISC 24 12:22:45.5:2.4, 39.3N:0'1:70:21E:0.07, h10km, n27, c2614/3, 25C-13D, Tajikistan

Table for 1284 section with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AML Almayashu, ARLS Aral, EKS2 Erkin-Say, UCH Uchtor, AAK Ala-Archa, KZA Kyzart, KBA Karagaybulak, CHMS Chumysh, USP Osenovka, TKM2 Tokmak 2, AB31 Akbulak array, AB31 Kuram.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BHL Bhannas, DORL Deir Qamar, RYCY Rachaya, BRBR Barbar, QASN Qassioun, TOTAH Totah, ZHN Zhinshke, KPKS Kokpek, SATY Saty, KURS Kuram.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZHN Zhinshke, KPKS Kokpek, SATY Saty, KURS Kuram, and various other station codes.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KURS Kuram, PDGK Podgornoye, MDOK Medok, KDJ Kajisy, ULHL Ulahol, TKM2 Tokmak 2.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAW Mawson, H0S2 Diego Garcia H, H0S1 Diego Garcia H, ASAR Alice Springs, STKA Stephens Creek, WRA Warramunga Arr, SNAA Sanae, INK Inuvik.

ISCJB 24 12:29:57.41.9, 42:39S, 85:88E, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.8/48, mbtm4.0/5, Error ellipse: s-maj=70.7km s-min=23.8km az=140.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, HRA Herat, KBL Kabul, BANOM Banah, SHME Shamm, MDH Madha, MSFE Esma-Masafi, HATD Hatta, Dubai, NIL Nilore, ASHO Ashiyah, FAQ Al Faqa, ALNE Al Ain, KUDL Kundal, KUDL Kundal.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KUDL Kundal, DHAM DHARAMSHALA, SMLA Simla, BHPL Bhopal, KALG Kalgarh, GEYT Alibeck, GYABT Alibeck, JOSI Joshi, BATK Batken, GOA Goa, KSH Kashi, KOLN Koldanda, DANN Dangsing, AML Almayashu, KK31 Karatay Array, KK31 Karatay Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KKAR Karatay Array, NARN Naryn, UCH Uchtor, EKS2 Erkin-Say, KZA Kyzart, GKN Gorkha, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, FRU1 Bishkek, FRU1 Bishkek, ULHL Ulahol, DMN Daman, BOOM Boomsyke, BOOM Boomsyke, CHMS Chumysh, KKR Kakan, USP Osenovka, PKIN Pulchoki, PKI Pulchoki, KDJ Kajisy, KDJ Kajisy, TKM2 Tokmak 2, TKM2 Tokmak 2, GUN Gumba, JIRN Jiri, PRZ Przhevalsk, PRZ Przhevalsk, PRZ Przhevalsk, BOK Bokaro, BAK Ramite, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, ODAN Odare, PDGK Podgornoye, TAPN Tapejlung, GNBR Gunib, OTUK Ortayu, GNI Gani, GNI Gani, GNI Gani, DBC Dubki, BTLR Botliikh, BTLR Botliikh, AB31 Akbulak array, AB31 Akbulak array, AB31 Akbulak array, AB31 Akbulak array, GROG Groznyy, BTM Batman, MUSM Mu-Merkez, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, ZEI Tsey, DAMY Dhamar, DAMY Dhamar.





Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like NB2 NORARS Subarra, NB200 NORARS Array S, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like MAW Mawson, MAW Mawson, etc.

IGQ 24 12:47:33.5±0.8,3°S,8.7°W, h10km, MLV3.9, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like COHC Cochanchay, MORR Playas El Morr, etc.

CNRM 24 12:48:12.4, 31°13'N: 1.86W, h70km, ml3

ISC 24 12:48:10.8±2.7, 31°2'N: 0.2±1.9W: 0.1, h10km, n7, 0.19/39/14, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FIGM Figuig, TDRA Tendrara, etc.

ISCJB 24 12:48:38.0±0.6, 25°89'N: 0°07'64.32E: 0.06, h10km, mb3.7/8, Error ellipse: s-maj=10.0km s-min=7.6km az=17.6

IDC 24 12:48:40.7±1.2, 26°18'N: 64°09'E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.6/48, mbtmp3.9/9, ML4.2/1, Error ellipse: s-maj=31.7km s-min=23.6km az=131.0

NEIC 24 12:48:41.1±2.0, 26°0'N: 0.2±64.1E: 0.2, h15km, 4km, mb4.1/7

ISC 24 12:48:39.8±0.6, 25°39'N: 0.09±64.17E: 0.06, h10km, n30, 0.1564/32, mb3.9/11, Southwestern Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like ZALV Zalesovo Beam, ZAA1 Zalesovo Array, etc.

IDC 24 13:01:37.9±0.4, 27°33'N: 65°71'E, h0km, mb5.2/48, mb1 5.3/51, mb1mx5.2/55, mbtmp5.2/51, ML4.5/3, MS6.0/3, MS1 6.0/3, ms1mx4.6/46, Error ellipse: s-maj=10.6km s-min=6.7km az=1.0

ISCJB 24 13:01:39.6±0.1, 27°34'N: 0°02'65.00E: 0.01, h19km, mb5.6/212, MS5.8/2, Error ellipse: s-maj=2.4km s-min=1.6km az=17.6

MOS 24 13:01:39.3±1.1, 27°36'N: 65°68'E, h17km, mb5.8/92, MS5.6/4, Error ellipse: s-maj=4.1km s-min=2.8km az=100.8

NEIC 24 13:01:39.0±1.8, 27°31'N: 0°07'65.62E: 0.07, h14km, 1km, mb5.6/179

BUI 24 13:01:39.0±0.0, 27°45'N: 65°70'E, h15km, mb5.5/75, mb6.2/28, MS6.2/28, MS7.6.1/27

ISC 24 13:01:39.0±0.5, 27°31'N: 0°03'65.67E: 0.03, h11km, 2km, h124tp: P, n1081, 0.1955/1131, ms1033, 58C-39D, Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Code Station Name, JASL Jaisalmer, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like JOSI, SHAO, SHK, BTB, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like CHKK, VIS, ZHN, BTLS, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like WMQ, WMQ, KRIK, etc.



Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like BEHE, MODS, ZST, MORC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like BSD, RUE, LATE, CLL, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like NC204, KASI, KONO, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BC3 Big Chuckwall, TPFO Pinon Flats, MONP2 Monument Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKDS Skadanscina, JAVS Javornik, CEY Cerkljan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COHC Cochancya, MORR Playas El Morr, ARIO Riobamba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BGD Bogdanovka, AKH Akhalkalaki, EPOS Posof, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WSAR Kundal, KUDL Kundal, MONP2 Monument Peak, etc.

IDC 24 13:44:11.3i.0.6.32.44N:141.32E, h0km, mb4.3/23, mb1.4/428, mb1mx4.3/50, mbtmp4.3/28, ML4.0/3, Error ellipse: s-maj=15.7km s-min=12.9km az=69.0

IDC 24 13:44:16.0i.0.4.32.55N:141.28E, h0km, mb2.83, s-min=2.6km az=27.1, Error ellipse: s-maj=15.7km s-min=12.9km az=69.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BGD Bogdanovka, AKH Akhalkalaki, EPOS Posof, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like XAN Songino Array, SONA0 Songino Array, SONM Songino Array, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations 1293.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations 2013 SEP.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations 24d 14h.









Table with columns for station code, name, frequency, and various parameters. Includes stations like NORSAR Array S, NORSAR Array S, NORSAR Array S, etc.

Table with columns for station code, name, frequency, and various parameters. Includes stations like TIxi, Tiksi, TIxi, TIxi, etc.

Table with columns for station code, name, frequency, and various parameters. Includes stations like LIC Lamto, KNRA Kunurra, MTN Manton Dam, etc.

24d 14h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, RAYN Ray, JIRN Jiri, RAMN Ramite, TAPN Taplejung, etc.

ISCJ 24 14:24:47.1s.8.26:52N:66:50E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.5/49, mbtmp3.8/6, ML3.6/1, Error ellipse: s-maj=177.6km s-min=22.5km az=139.0

ISCJ 24 14:24:48.1s.0.26:7N:0.1:66:22E:0.0/h, h0km, mb3.6/5, Error ellipse: s-maj=15.6km s-min=6.4km az=162.1

NEIC 24 14:24:51.0s.2.1.26:7N:0.2:66:3E:0.2, h2km, 13km, mb4.0/5

ISC 24 14:24:49.3:0.7, 26:82N:0:08:66:13E:0.06, h10km, n23, f174/25, mb3.8/6, Pakistan

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, WSAR Wadi Sarin, KUDL Kunal, etc.

SJA 24 14:36:44.2s.1.1.32:67S:71:93W, h40km, ML4.7, MW4.8

ISCJ 24 14:36:43.7:0.4.32:63S:0:02:71:66W:0.04, h56km, 3km, mb4.4/1.1, Error ellipse: s-maj=6.3km s-min=3.6km

NEIC 24 14:36:44.3s.1.4.32:59S:0:05:71:50W:0.09, h39km, 5km

GUC 24 14:36:44.2:0.6.32:63S:71:57W, h40km, 2km, ML4.6

ISC 24 14:36:45.5:2.4.32:57S:71:48W, h45km, 21km, mb4.2/1.1, mb1 4.3/1.6, mb1mx4.2/28, mbtmp4.4/16, ML4.2/5, Error ellipse: s-maj=24.4km s-min=4.6km az=89.0

VAO 24 14:36:46.7:0.8.32:83S:71:85W, h108km, 8km, mb4.5

ISC 24 14:36:42.9:1.1.32:57S:0:03:71:61W:0.05, h10km, 7km, n168, e190/180, mb4.8/23, 2C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAO1 Torpederas, ROCI El Roble, etc.

2013 SEP

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PEL Peidehue, RCDM Rinconada Maip, ANTU Antumapu, COO2 Combarbal, etc.

1298

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBIC Dimbokro, MAW Mawson, MAW Mawson, SDCCO Great Sand Bay, SADO Sadova, etc.

WEL 24 14:42:45.1s.1.4.37S:11:179E:1:5, h33km, M3.2/6, ML3.5/1.1, MLV3.2/6, Error ellipse: s-maj=0.0km s-min=0.0km az=118.3, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMGZ Waiomatatini S, WMGZ Waiomatatini S, PKGZ Pakihiroa, etc.

DDA 24 14:51:14.6.38:18N:38:13E, h7km, 7km, ML2.8

ISCJ 24 14:51:16.4:0.5.38:23N:0:03:38:12E:0.03, h0km, Error ellipse: s-maj=4.6km s-min=3.5km az=15.4

ISK 24 14:51:16.3:38:29N:38:14E, h18km, ML1.9/4, Suspected M/ing explosion

ISC 24 14:51:16.4:1.0.38:19N:0:04:38:11E:0:03, h0km, n8, c0569/16, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKCOD Akcadag, AKCOD Akcadag, MALT Malatya, etc.

1299

SVRC SVRICE-ELAZID 0.96 78 PG P 14 51 46.5 +0.1

NNC 24 15:22:44.9 1.5, 41.83N, 80.03E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=9.9km s-min=6.8km az=135.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Rows include stations like SHLS Shalkode, PDGK Podgornoye, ANVS Anan'yevovo, etc.

ISCJB 24 15:22:01.0 2.7, 07N, 0.03, 65.53E, 0.02, 2.1h0km, mb4.8/126, Error ellipse: s-maj=3.7km s-min=2.4km az=176.6

2013 SEP

ellipse: s-maj=12.5km s-min=9.9km az=10.0, MOS 24 15:22:01.0 2.7, 07N, 0.03, 65.53E, 0.02, 2.1h0km, mb4.8/126, Error ellipse: s-maj=5.8km s-min=3.8km az=101.3

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Rows include stations like JASL Jaisalmer, WSAR Wadi Sarin, HRA Herat, etc.

24d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Rows include stations like FRU1 Bishkek, DMN Daman, ULHL Ulahol, etc.

24d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, BVAO Borovoye Array, and ARU Arti.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like MLR Muntele Rosu, GYA Guiyang, and GEC2 Geres Array S.

1300

Table with columns for station name, frequency, power, and other technical details. Includes stations like GEC2 Geres Array S, GEC2 Geres Array B, and GEC2 Geres Array C.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include COLD Coldfoot, IMAR Alice Springs, ASAR Alice Springs, INK Inuvik, ILAR Eielson Array, etc.

ISCJB 24 15:13:46.8-0.3, 26.89N, 0.05:65.36E, 0.04, h10km, mb4.3/24, Error ellipse: s-maj=7.6km s-min=5.2km az=10.6

ISC 24 15:13:47.2-0.7, 26.88N, 65.34E, h0km, mb4.3/24, mb1.4/4.24, mb1m, 2.58, mbtmp4.3/24, Error ellipse: s-maj=1.1km s-min=1.35km az=28.0

NEIC 24 15:13:48.7-1.6, 26.9N, 0.1:65.31E, 0.04, h10km, 1km, mb4.8/38

ISC 24 15:13:48.3-0.5, 26.84N, 0.08:65.36E, 0.05, h10km, n96, s100/92, mb4.5/38, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JASL Jaisalmer, WSAR Wadi Sarin, NIL Nilore, KUDL Kundal, DHARM DHARAMSHALA, SMLA Simla, NGP Nagpur, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include FINES FINESS Array B, FINES FINESS Array B, GECZ GERESE Array S, GEREZ GERESE Array B, KHC Kasperske Hory, etc.

GRAL 24 15:16:39.3-0.3, 34.10N, 35.94E, h23km, 5km, MD2.9 NSCC 24 15:16:42.6-0.7, 33.90N, 36.00E, h16km, 4km, ML1.3

ISC 24 15:16:38.6-1.2, 34.00N, 0.02:35.96E, 0.08, h14km, 29km, n7, s04/142, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include HWQ Hawqa, BHL Bhannes, DQR Deir Qamar, RCH Rachaya, QASN Qassiuun, etc.

SKO 24 15:17:45.5, 41.38N, 22.37E, h0km, MO.3, ML0.5, Northern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include VAY Valandovo, VAY VAY, VAY VAY, etc.

ISK 24 15:23:09.8, 37.04N, 39.22E, h5km, ML2.2/6 ISCJB 24 15:23:10.8-0.9, 37.07N, 0.06:39.26E, 0.04, h4km, 7km, Error ellipse: s-maj=10.6km s-min=5.2km az=171.2

DDA 24 15:23:12.2, 37.13N, 39.09E, h9km, 2km, ML2.6 ISC 24 15:23:11.6-1.2, 37.12N, 0.06:39.23E, 0.03, h12km, gkm, n12, s14/148, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SANL SANLIURFA\_Merk, SANL SANL, SANL SANL, etc.

YARS 24 15:39:27.6, 67.67N, 143.27E, h7km ISCJB 24 15:39:27.9-0.1, 67.71N, 0.02:143.01E, 0.03, h9km, mb4.9/146, Error ellipse: s-maj=2.8km s-min=1.8km az=166.9

ICD 24 15:39:28.6-0.4, 67.55N, 142.97E, h0km, mb4.6/34, mb1.4/7.37, mb1mx4.6/59, mbtmp4.6/37, ML4.2/2, Error ellipse: s-maj=12.5km s-min=9.9km az=0.0

BUI 24 15:39:28.6-0.0, 67.52N, 142.89E, h10km, mb4.8/50, mb5.3/16, M55.0/15, M57.4/8/14

MOS 24 15:39:28.6-0.9, 67.61N, 142.90E, h14km, mb5.0/95, M54.7/4, Error ellipse: s-maj=9.9km s-min=4.7km az=83.7

NEIC 24 15:39:30.9-1.6, 67.50N, 0.08:142.9E, 0.02, h15km, 3km, mb5.0/284

ISC 24 15:39:28.6-1.5, 67.59N, 0.03:143.00E, 0.03, h3km, gkm, n944, s1917/980, mb5.0/250, 26C-18D, Eastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MOMR Moma, YBGR Belaya Gora, YBGR Belaya Gora, DEPR Deputatskiy, UNR Ust'-Nera, BTGS Batagay, etc.





1303

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CHGR Chuyangaron, VORD Divovgor, KMI Kunming, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ESK Horse Butte, YHB Ojcow, OJC Ojcow, etc.

24d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MODS Modra-Piesok, DRGR DRGR, KHC Kasperske Hory, etc.

24d 15h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MSU Marysvale, SRU San Rafael Swe, and many others.

2013 SEP

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like HEC Hector Ludlow, E52A Mattawa, D56A ZEC Mazanza, and many others.

1304

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H59A Cadyville, M44A Midewin, PECO Prince Edward, and many others.



24d 17h

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

IDC 24 15:45:20.3,0.8,31.88N,49.47E,h0km,mb4.2/17, mb1 4.2/22, mb1 mx4.0,45,mbtmp4.2/22,ML4.2/5,Error ellipse: s-maj=17.8km s-min=14.2km az=150.0

NEIC 24 15:45:21.4,2.5,31.79N,07.49,43E,0.09,h10km,1km ISCJB 24 15:45:21.7,0.2,31.66N,07.49,44E,0.03,h25km, mb4.1/17,Error ellipse: s-maj=3.8km s-min=2.6km az=146.7

THR 24 15:45:23.6,31.89N,49.61E,h14km,ML4.0 TEH 24 15:45:23.1,31.86N,49.54E,h14km,ML4.0

OMIAN 24 15:45:30.6,3.0,31.44N,49.71E,h106km,54km,Error ellipse: s-maj=57.5km s-min=23.2km az=39.0

DSN 24 15:45:30.6,1.9,31.05N,49.56E,h15km,ML4.7/6,Error ellipse: s-maj=26.3km s-min=9.7km az=8.0

ISC 24 15:45:23.0,0.4,31.73N,07.05,49E,0.04,h25km,n147, s172/160,mb4.3/24,Western Iran

Main station list table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SHGR, SHGR, JHBN, ZNGM, ROKH, etc.

2013 SEP

Main station list table with columns: Station Name, Code, Time, Res, Az, Phase ID, ISC, h, m, s, ISC. Includes stations like TEH, IDMV, YZKH, etc.

1306

Table with columns: Station Name, Code, Time, Res, Az, Phase ID, ISC, h, m, s, ISC. Includes stations like MBAR, NC405, NB201, etc.

MEX 24 15:55:32.9,0.6,16.20N,95.35W,h9km,6km,MD3.8, Oaxaca

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

NNC 24 15:58:57.1,3.5,37.04N,71.10E,h0km,mb3.8,mpv3.6, 3C-3D, Error ellipse: s-maj=29.1km s-min=23.7km az=147.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31, AAK, AAK, etc.

JMA 24 16:37:26.3,0.2,25.07N,123.63E,h28km,ML1.7, Northeast of Taiwan

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

TAP 24 16:37:27.5,25.13N,122.03E,h6km,ML1.6,D,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1, TWB1, NWF, etc.

SJA 24 17:08:06.3,0.8,29.77S,71.56W,h25km,5km,ML4.0, MW4.4

ISCJB 24 17:08:07.4,0.6,29.80S,71.64W,0.07,h45km,6km, mb3.9/6, Error ellipse: s-maj=10.2km s-min=4.1km az=0.1

NEIC 24 17:08:08.0,0.6,29.83S,71.32W,h56km,2km,ML4.2

IDC 24 17:08:11.9,3.9,29.79S,71.23W,h76km,34km,mb3.7/6, mb1 3.9/10, mb1 mx3.8/24, mbtmp4.0/10, Error ellipse: s-maj=42.7km s-min=20.2km az=70.0

ISC 24 17:08:04.0,9.2,29.82S,073.7146W,0.08,h44km,8km, n9, s150/77, mb4.2/14, 1C-5D, Near coast of Chile

Main station list table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LSCH, LSCH, LSCH, etc.

Table of meteorological observations for station CFA, including data for Coronel Fontan, Peldehue, and other locations. Columns include station name, coordinates, time, and various meteorological parameters.

Table of meteorological observations for station BHUJ, including data for Bhuj, Wadi Sarin, and other locations. Columns include station name, coordinates, time, and various meteorological parameters.

Table of meteorological observations for station GEYT, including data for Alibeck, Garm, and other locations. Columns include station name, coordinates, time, and various meteorological parameters.

ADC 24 17:20:12.1,0.4,27.13N,65.54E, h0km, mb4.8/38, mb1.4/34.1, mb1mx3.4/46, mbtmp3.7/9, ML3.3/2, Error ellipse: s-maj=83.3km s-min=16.4km az=61.0

ADC 24 17:20:12.1,0.4,27.13N,65.54E, h0km, mb4.8/38, mb1.4/34.1, mb1mx3.4/46, mbtmp3.7/9, ML3.3/2, Error ellipse: s-maj=83.3km s-min=16.4km az=61.0

ADC 24 17:20:12.1,0.4,27.13N,65.54E, h0km, mb4.8/38, mb1.4/34.1, mb1mx3.4/46, mbtmp3.7/9, ML3.3/2, Error ellipse: s-maj=83.3km s-min=16.4km az=61.0

Table with columns for station name, coordinates, frequency, and other technical details for stations in the 24d 17h range.

Table with columns for station name, coordinates, frequency, and other technical details for stations in the 2013 SEP range.

Table with columns for station name, coordinates, frequency, and other technical details for stations in the 1308 range.





24d 17h

Table with columns for location (e.g., UPC, UPC, UPC), time (e.g., 17 28 27.3), and other numerical data.

2013 SEP

Table with columns for location (e.g., NJ2 Nanjing, NJ2 Nanjing), time (e.g., 46.24 71), and other numerical data.

1310

Table with columns for location (e.g., BNI Bardonecchia, BNI Bardonecchia), time (e.g., 49.73 307), and other numerical data.

1311

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI, ESK, GRNR, etc.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like PEA0B, PETK, PETK, etc.

24d 17h

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

ATH 24 17:25:06.6, 36°53N, 25°49E, h9km, 4km, ML1.7/3, Error ellipse: s-maj=4.4km s-min=0.7km az=212.0

THE 24 17:25:07.0, 36°51N, 25°49E, h9km, 2km, ML1.7/6, Error ellipse: s-maj=2.2km s-min=0.4km az=233.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THR2, THR2, CMBO, etc.

ISK 24 17:25:14.7, 40°44N, 26°29E, h12km, ML1.9/9
DDA 24 17:25:14.8, 40°44N, 26°36E, h7km, 5km, ML2.3
ATH 24 17:25:14.9, 40°45N, 26°27E, h26km, 8km, ML1.6/1, Error ellipse: s-maj=9.9km s-min=1.2km az=303.0



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cape Kidnapper, McNeill Hill, Kaweka Forest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Wadi Hawf, KSH, KSH, Arslanbob, etc.

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

IDC 24 18:57:42.9,0.8,27.14N,65.32E,h0km,mb3.9/18, mb1.4,1/21,mb1mx3.9/57,mbmp3.9/21,ML3.7/3, Error ellipse: s-maj=19.1km s-min=14.6km az=19.0

ISCJB 24 18:57:43.0,0.2,27.08N,0.04,65.37E,0.03,h10km, mb4.2/35, Error ellipse: s-maj=5.5km s-min=3.5km az=147.8

MOS 24 18:57:44.3,1.4,27.09N,65.39E,h19km,h25.5/5, Error ellipse: s-maj=8.6km s-min=5.4km az=81.7

NEIC 24 18:57:47.1,1.9,27.13N,0.07,65.35E,0.07,h25km,4km, mb4.4/41

OMAN 24 18:57:54.3,2.7,26.74N,64.97E,h29km,108km, Error ellipse: s-maj=137.5km s-min=14.8km az=243.0

ISC 24 18:57:44.5,0.4,27.04N,0.05,65.38E,0.04,h10km,n139, c1541/141,mb4.3/42,3C-4D,Pakistan

MEX 24 18:57:46.4,0.5,17.07N,100.20W,h48km,6km,MD3.6, Guerrero

Code Station Name Az Az' Phase ID Time Res. Includes CAIG, ARIG, PLIG, etc.

IDC 24 19:03:00.2,1.8,38.92N,142.64E,h0km,mb3.6/7, mb1.3,8/9,mb1mx3.6/34,mbmp3.6/9,ML3.3/2, Error ellipse: s-maj=30.5km s-min=18.1km az=99.0

ISCJB 24 19:03:02.1,1.4,39.14N,0.04,142.48E,0.08,h17km,gkm, mb3.6/7, Error ellipse: s-maj=11.3km s-min=5.5km az=19.5

JMA 24 19:03:03.0,0.1,39.16N,142.40E,h32km,1km,MA.0 JMA Felt J1

ISC 24 19:03:03.5,1.7,39.13N,0.04,142.38E,0.06,h16km,gkm, n26,c1979/32,mb3.7/7,Near east coast of eastern Honshu

Code Station Name Az Az' Phase ID Time Res. Includes CAIG, ARIG, PLIG, etc.

IDC 24 19:03:03.5,1.7,39.13N,0.04,142.38E,0.06,h16km,gkm, n26,c1979/32,mb3.7/7,Near east coast of eastern Honshu

Code Station Name Az Az' Phase ID Time Res. Includes OFUJ, MIYJ, etc.

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

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

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

comp=Z,1.3nm,0.6s,baz=153,slow=7.0,SNR=7.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res ISC. Includes stations like SKR Severo-Kuril's, RUS Russkaya, RUS Karmyshinskiy, etc.

OMAN 24 19:36:37.25.5.28.08N:58.10E, h11km, m3.4/2, Error ellipse: s-maj=64.0km s-min=45.4km az=169.0

ISCJB 24 19:36:45.5.0.9.27.49N:0.05:57.70E:0.10, h10km, Error ellipse: s-maj=13.3km s-min=5.7km az=18.5

TEH 24 19:36:46.4.27.58N:57.71E, h10km, ML3.2

ISC 24 19:36:46.0.1.3.27.54N:0.05:57.7E:0.1, h10km, n16, r165/18, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res ISC. Includes stations like KHNJ Kahnoji, NIAN Nian, GENO Geno, etc.

ISCJB 24 19:47:16.2.0.8.6.33S:0.09:128.2E:0.1, h350km, mb3.3/1, Error ellipse: s-maj=19.7km s-min=8.3km az=30.2

ISC 24 19:47:16.5.1.1.6.22S:128.02E, h350km, 15km, mb2.9/1, mb1 2.9/6, mb1mx3.7/5, mbtmp3.7/6, Error ellipse: s-maj=24.3km s-min=13.1km az=114.0

ISC 24 19:47:16.6.0.9.6.25S:0.1:128.0E:0.2, h350km, n6, r132/3, Banda Sea

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

GCG 24 19:48:49.9.1.1.16.65N:93.93W, h29km, 999km, MD4.5

ISC 24 19:48:50.9.2.1.16.16N:93.97W, h0km, mb3.7/3, mb1 4.2/7, mb1mx3.7/5, mbtmp3.9/7, ML3.7/4, Error ellipse: s-maj=47.3km s-min=16.8km az=28.0

ISCJB 24 19:48:54.6.0.5.15.81N:0.06:93.97W:0.04, h71km, 7km, mb3.6/3, Error ellipse: s-maj=10.2km s-min=5.2km az=20.4

NEIC 24 19:48:54.6.2.2.15.70N:0.06:93.96W:0.07, h73km, 12km

MEX 24 19:48:56.0.0.8.15.72N:93.97W, h72km, 11km, MD4.0

ISC 24 19:48:56.0.0.9.15.88N:0.05:93.97W:0.03, h5km, 11km, n25, r193/39, mb3.8/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res ISC. Includes stations like PCIG PCIG, CMIG Matias Romero, COMITAN Comitan, etc.

ISCJB 24 19:49:13.9.1.2.27.1N:0.1:65.3E:0.2, h10km, mb3.8/1/1, Error ellipse: s-maj=32.2km s-min=6.0km az=40.3

DC 24 19:49:14.6.2.2.27.20N:65.23E, h0km, mb3.8/1, mb1 3.8/13, mb1mx3.6/8, mbtmp3.8/13, ML3.5/2, Error ellipse: s-maj=5.1km s-min=2.1km az=139.0

ISC 24 19:49:16.4.1.5.27.2N:0.2:65.2E:0.2, h10km, n19, r153/20, mb3.8/1/1, Pakistan

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

ISCJB 24 19:51:02.4.0.3.20.57S:0.02:69.03W:0.06, h112km, 3km, mb3.9/7, Error ellipse: s-maj=9.4km s-min=4.0km az=177.2

SJA 24 19:51:02.9.1.0.20.56S:69.11W, h103km, 5km, ML3.8, MW4.0

ISC 24 19:51:03.9.1.3.20.55S:68.79W, h107km, 13km, mb3.8/8, mb1 3.8/12, mb1mx3.7/37, mbtmp4.1/12, Error ellipse: s-maj=22.9km s-min=12.6km az=104.0

GUC 24 19:51:03.6.0.6.20.56S:69.10W, h99km, 3km, ML4.0

NEIC 24 19:51:03.0.2.1.20.61S:0.05:69.02W:0.10, h104km, 4km, mb4.1/3

ISC 24 19:51:03.0.7.20.55S:0.03:69.02W:0.06, h100km, 6km, n66, r154/77, mb3.8/7, 8C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res ISC. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, etc.

comp=N,4um,0.4s

comp=Z,2um,0.3s

comp=E,2um,0.4s

comp=E,5um,0.3s

comp=N,2um,0.3s

comp=N,34nm,0.3s,baz=354,slow=9.0,SNR=123

comp=N,84nm,0.3s,baz=357,slow=14,SNR=31

comp=Z,249nm,0.3s

comp=Z,795nm,0.3s

comp=N,119nm,1.1s

comp=E,1.1nm,0.3s,baz=167,slow=11,SNR=4.6

comp=E,170nm,6.2s

comp=E,1um,12.1s

comp=E,870nm,9.9s

comp=E,410nm,18.1s,baz=60,slow=4

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

comp=N,119nm,1.1s

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

ISC 24 19:54:02.6.0.7.27.23N:65.57E, h0km, mb4.2/28, mb1 4.3/30, mb1mx1.15/7, mbtmp4.2/30, ML3.5/2, MS3.8/10, Ms1 3.8/10, ms1mx3.5/38, Error ellipse: s-maj=17.0km s-min=11.4km az=19.0

ISCJB 24 19:54:03.8.0.2.27.28N:0.03:65.70E:0.02, h18km, mb4.5/90, MS3.9/13, Error ellipse: s-maj=17.0km s-min=2.7km az=6.3

MOS 24 19:54:04.8.1.2.27.44N:65.68E, h17km, mb4.7/20, Error ellipse: s-maj=6.4km s-min=4.2km az=99.6

BUJ 24 19:54:06.7.0.0.27.44N:65.79E, h20km, mb4.7/47, mb1 4.8/36, Ms4.4/14, Ms7.4, 1/15

NEIC 24 19:54:07.6.2.2.27.38N:0.08:65.65E:0.08, h27km, 5km, mb4.6/55

OMAN 24 19:54:14.4.4.6.26.90N:64.98E, h7km, ms3.5/3, Error ellipse: s-maj=48.6km s-min=35.0km az=84.0

DSN 24 19:54:17.1.1.6.27.97N:64.41E, h15km, mb4.0/1, ML4.6/7, Error ellipse: s-maj=56.8km s-min=14.1km az=153.0

ISC 24 19:54:05.0.3.27.37N:0.05:65.67E:0.04, h18km, n265, r193/270, mb4.9/90, MS3.9/13, 10C-13D, Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res ISC. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, HRA Herat, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like HYB Heradabab, DANN Damsing, AMI Alamyshu, KK31 Karatay Array, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like WMQ comp=Z,21nm,1.1s, WMQ comp=Z,120nm,3.9s, WMQ comp=Z,420nm,21.3s, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, DOPR Dopca, VOIR Voire, PANO Nakornpanom, BURAR Bucovina Array, etc.



24d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRS, MDJ, TAM, KLR, USRK, etc.

SNET 24 19:58:34.723.0, 12.438N-87.72W, h23km, 103km, ML3.6, 1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNCH, LOND, PACA, etc.

IDC 24 20:12:18.4.2.9, 5.49S, 149.54E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5-18, mbtmp3.6/3, Error ellipse: s-maj=87.7km s-min=44.0km az=105.0, Near Britain region

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

MAN 24 20:15:38.2, 7.37N, 124.79E, h9km, MS3.6, 3C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KCP, CTB, DMPH, etc.

ISCJB 24 20:41:52.9.0.3, 17.84S, 0.06E, 178.63W, 0.06, h579km, mb4.3/14, Error ellipse: s-maj=9.6km s-min=5.4km az=143.1

NEIC 24 20:41:52.2.1.5, 17.8S, 0.1E, 178.6W, 0.1, h559km, 7km, mb4.6/49

IDC 24 20:41:54.5.2.5, 17.81S, 178.63W, h582km, 29km, mb3.8/15, mb1 3.9/16, mb1mx3.6/35, mbtmp4.7/16, Error ellipse: s-maj=22.5km s-min=14.2km az=173.0

ISC 24 20:41:53.6.0.4, 17.87S, 0.09E, 178.55W, 0.08, h579km, n88, 0.093/91, mb4.5/36, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, NIUE, RAO, etc.

2013 SEP

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

JMA 24 20:42:15.4.0.2, 24.80N, 123.06E, h131km, 2km, M3.3, Southwestern Ryukyu Islands

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

TAP 24 20:42:54.6, 24.15N, 121.68E, h11km, ML2.4, D, Taiwan

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

1318

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHGB, NDT, ENTT, etc.

NEIC 24 20:52:54.1, 1.9, 18.9N, 0.2E, 68W, 0.06, h107km, 9km, RSPR 24 20:52:56.6, 17.98N, 68.74W, h82km, 7km, MD3.2/5, 4C-4D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCDR, DR12, etc.

SOME 24 21:11:02.7, 42.55N, 79.58E, h15km, KRNET 24 21:11:03.1, 0.1, 42.54N, 79.59E, h17km, mb3.2, NNC 24 21:11:03.4, 0.8, 42.60N, 79.57E, h0km, mb3.5, mpv3.5, Error ellipse: s-maj=4.0km s-min=2.6km az=137.0

ISC 24 21:11:02.6, 1.7, 42.57N, 0.05E, 79.58E, 0.05, h1km, 11km, n62, 0.096/108, 24C-29D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, UZB, SATY, etc.



24d 21h

2013 SEP

1320

Table with columns for station codes (e.g., KSH, ARSB, HYB, KOLD), frequencies (e.g., 15.43, 15.78), and other identifiers. Includes sub-tables for various stations like ARSB, KOLD, DANN, etc.

Table with columns for station codes (e.g., TBLG, Delisi, GROC, KAR), frequencies (e.g., 22.37, 22.58), and other identifiers. Includes sub-tables for various stations like KAR, MAKZ, MAKT, etc.

Table with columns for station codes (e.g., GTA, comp=Z,88nm), frequencies (e.g., 30.94, 31.13), and other identifiers. Includes sub-tables for various stations like CHTO, CMMT, CMAR, etc.

Table of meteorological data for stations 1321-430. Columns include station ID, name, elevation, and various atmospheric parameters like temperature, pressure, and wind speed.

Table of meteorological data for stations 431-860. Columns include station ID, name, elevation, and various atmospheric parameters like temperature, pressure, and wind speed.

Table of meteorological data for stations 861-1320. Columns include station ID, name, elevation, and various atmospheric parameters like temperature, pressure, and wind speed.

MEX 24 22:00:03.3-0.8, 15:68N-94:00W, h63km, 13km, MD3.8, Near coast of Chiapas. Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

24d 22h

Table with columns: CMIG, THIG, THIG, CCIJ, CCIJ, Comitan. Values include 1.84 114, 1.89 71.

IDC 24 22:18:07.4.2.5, 33.07N:140.74E, h0km, mb4.2/2, mb1 4.3/3, mb1mx3.6/31, mbtmp4.0/3, ML2.6/1, MS4.4/1, Ms1 4.4/1, ms1mx2.9/46, Error ellipse: s-maj=93.4km s-min=26.2km az=72.0

ISCJB 24 22:18:10.9.0.8, 33.23N:0.04:141.06E:0.08, h48km, mb4.2/2, MS4.5/1, Error ellipse: s-maj=9.6km s-min=5.5km az=1.5

JMA 24 22:18:11.9.0.1, 33.29N:140.97E, h47km, 5km, M3.5

NEIC 24 22:18:12.4.1.1, 33.05N:10.10:140.91E:0.09, h35km, 2km, mb4.1/1

ISC 24 22:18:12.6.1.3, 33.26N:0.05:140.95E:0.09, h48km, n28, mb4.1/1, 32, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Mitsune, Mikurajimashish, Boso, etc.

IDC 24 22:32:04.2.5.3, 28.69S:176.25W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/24, mbtmp3.7/3, Error ellipse: s-maj=223.0km s-min=79.9km az=157.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Stephens Creek, Alice Springs, Warramunga Arr, etc.

BYKL 24 22:32:26.9.0.2, 53.01N:109.82E, 5C-4D, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Suvo, Kotokel, Ongureny, Turuntaevo, Ulan-Yde, etc.

TRG 24 22:32:04.2.5.3, 28.69S:176.25W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/24, mbtmp3.7/3, Error ellipse: s-maj=223.0km s-min=79.9km az=157.0, Kermadec Islands region

TRG 24 22:32:04.2.5.3, 28.69S:176.25W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/24, mbtmp3.7/3, Error ellipse: s-maj=223.0km s-min=79.9km az=157.0, Kermadec Islands region

2013 SEP

Main table with columns: TRG, KAB, KAB, KAB, KURAMSHA, STEPNOY DVORET, CHITA, NIZH ANGARSK, BOLSHOYE GOLOU, LISTIVANKA, UKT, IVK, TLY, ARS, ZAK, NLYR, BOD, MOY, ORL, TUP, TDJR. Lists various stations and their coordinates.

IDC 24 22:38:13.4.0.5, 27.22N:65.53E, h0km, mb4.3/32, mb1 4.4/35, mb1mx4.4/44, mbtmp4.3/35, ML3.8/3, MS4.3/29, Ms1 4.3/29, ms1mx4.2/50, Error ellipse: s-maj=12.7km s-min=10.8km az=15.0

1322

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BhuJ, Wadi Sarin, Wadi Bani Khal, Herat, Kabul, Hoqain, etc.

Table with columns for station call signs (AAK, FRU1, DMN, etc.), frequencies, and various status indicators (P, S, etc.). Includes a sub-section for '24d 22h' at the top right.

Main table listing station call signs (PALK, KBZ, PYA1, etc.), frequencies, and various status indicators.

Table listing station call signs (LZH, KARP, UTTA, etc.), frequencies, and various status indicators.

24d 23h

Table containing meteorological data for stations SRO, TIP, JAVC, WHN, BEHE, MODS, MORC, SOP, FIAO, FINES, VRAC, BJI, CONA, ARCA, DPC, MOA, AQU, CORL, PRU, KBA, GEC2, GERES, KHC, KHC, BRG, MURB, STAL, BOD, ABTA, CLL, CLL, CLL, CTI, NJ2, WTTA, SQTA, GRA1, GRF, FETA, RETA, DAVA, TUE, KEST, KEST, ARAO, ARCES, ARCES, ARCES, ARCES, ECH.

2013 SEP

Table containing meteorological data for stations ECH, NB2, NB20, NOA, BNI, KSM, MEM, SSB, SSB, SSF, SSF, KSAR, KSRS, CAF, TAM, TAM, TAM, MFF, MFF, USRR, ESK, ESK, ESK, ESOC, PAB, PAB, TOR, TOR, TOR, TOR, DAWY, BCAR, SCHO, YKA, YKA, YKR, MAW, MAW, TXAR, VIE, LJU, PERS, SOKA, GROS, OBKA, OBKA, ARSA, FITZ, FITZ, WRA, WRA, ASAR, ASAR, ASAR, NONG, CHAI, JNU, JNU, NJ2, PSI, WHN, PBKT, UTBA, UTTA, GYA, GYA, GYA, GYA, UTHA, NANT, ENH, ENH, PAYA, CM31, CM31, CMAR, CMAR, CMAR, TJN, CMMT, CHTO, CHTO, CHTO, CHTO.

1324

Table containing meteorological data for stations BUJ, NEIC, ISC, Code, Station Name, A^, AZ^, Phase ID, Time, Res, h m s, ISC.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like KMI Kunming, MHMT Maesarieng, KSAR Wonju Array Be, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like YAK Yakutsk, MK3Z Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like GHO Glory Hole Cre, PRGR Permogore, TOLK Toolik Lake Re, etc.

ISCJB 24 23:17:55.4 2 38.28N 88.99E h0km mb3.5/1, mb1 3.5/5, mb1mx3.2/5.8, mbtmpr3.4/5, ML2.9/3, Error ellipse: s-maj=123.7km s-min=44.7km az=68.0, Southern Xinjiang







24d 23h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like 522A, S22A, NEW, AHID, G004, MCARA, O20A, CAST, REDW, TPAW, SMCO, DLMT, 833A, KTH, TRF, LCO, LCO, LCO, PATY, LOHW, MSTX, SDCC, SDCC, DHY, BW06, PDAR, PDAR, PDAR, PDAR, PDAR, CHAI, PAX, MCSI, MLSK, HYT, H17A, T25A, T25A, CCIG, ENH, BOZ, JCT, JCT, JCT, U32A, BJL, BJL, BJL, BKW, KVTX, MENT, DLBC, Q24A, SEAY, GYA, GYA, GYA, GYA, GYA, G003, PHET, NEA, RIDG, BCAR, DOT, AMTX, AMTX, WALA, HDA, HDA, N23A, PBKT, PBKT, CCB, COLM, COLA, TRQA, TRQA, TRQA, ABTX.

2013 SEP

Table with columns for station ID, name, frequency, and signal strength. Includes stations like ABTX, ABTX, IL31, ILAR, ILAR, ILAR, K22A, K22A, K22A, K22A, T1Y, T1Y, UTTH, UTHA, UTHA, NNA, NANT, KSCO, GO02, PRP, XAN, XAN, XAN, XAN, XAN, XAN, XAN, EGAK, EGMT, EGMT, WHTX, WHTX, WMOK, HKT, HKT, HKT, HKT, BILL, BILL, BILL, BILL, LAMP, PBO4, PAYA, HIA, KMI, KMI, U32A, CM31, CMAR, CMAR, OGNE, OGNE, HHC, HHC, CMMT, CHTO, CHTO, LAO, LAO, RSSD, RSSD, RSSD, RSSD, JTS, JTS, JTS, LVC, LVC, LVC, LVC, BMAR, PB01, TOBK, BTO, NATX, NATX, CD2, CD2, EPYK, G001, TUL1, TUL1, TUL1.

1328

Table with columns for station ID, name, frequency, and signal strength. Includes stations like OTAV, DGMT, BGNE, KSU1, YAK, YAK, W39A, LZH, LZH, LZH, LZH, LZH, LZH, LZH, INK, LPAZ, LPAZ, LPAZ, LPAZ, ECSD, ECSD, ECSD, YKA, YKA, YKR8, PEBM, SONM, PARMO, HENM, HICK, SIUC, GTA, GTA, L40A, X48A, Z50A, HDIL, 352A, W49A, T47A, SWET, TLY, TLY, V51A, W52A, H43A, Z56A, N49A, Q51A, P51A, ACSO, W57A, E46A, R55A, CNNC, Q56A, R57A, R57A, T60A, U61A, L55A, V62A, E51A, K55A, M57A, WMQ, WMQ, WMQ, PTGA, PLEVO, PLEVO, PLEVO, M59A, M60A, G57A, ZALV, NRIK, NRIK, D58A, J62A, J62A, MK31, MK31, MKAR, MKAR, MKAR, MKAR.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like H62A Milan, TULEG Thule, KURK Kurchatov, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like ISAL Salakas, KMY Karmoy, IGIN Igalina, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like CFR Carcaliu, CFR Carcaliu, CFR Monmouth, etc.

25d 0h

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WLF CONA, SOP Sopron, MORH Mrzy, etc.

ISCJB 24 23:41:48.9,0.3,27.22N,0.04,65.73E,0.03,h18km, mb3.8/17,MS3.4/4, Error ellipse: s-maj=5.4km s-min=3.4km az=163.2

IDC 24 23:41:48.8,1.2,27.35N,65.71E,h0km,mb3.9/17, mb1.4/0.19,mb1mx3.8/49,mbtmp3.9/19,ML2.8/3,MS3.5/5, Ms1.3/5,ms1mx3.1/33, Error ellipse: s-maj=26.9km s-min=16.5km az=150.0

NEIC 24 23:41:52.4,1.3,27.37N,0.09,65.63E,0.06,h25km,5.6km, mb4.1/14

ISC 24 23:41:50.9,0.5,27.32N,0.05,65.72E,0.04,h18km,n94, +2537/102,mb4.0/21,MS3.5/4,2D, Pakistan

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BHUJ Bhuj, WSAR Wadi Sarin, HRA Herat, etc.

2013 SEP

Main table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, HQO Hoqain, JMDO Jabal Madar, etc.

1330

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ESDC Sonseca Array, TOA1 Torodi Ar. Bea, TORI Torodi Ar. Bea, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SECR, TSSL, MFRTR, RASA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RZN, ALU, BUY, KESN, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PETK, CN2, ENH, SBA, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Azimuth, Phase ID, and various numerical values for stations like Warramunga Arr, Alice Springs, ASAR, etc.

KRNET 25 01:02:15.5:3.0, 40.76N:73.27E, h19km, mb3.0
SOME 25 01:02:15.5, 40.83N:73.30E, h5km
NWC 25 01:02:17.5:1.4, 40.90N:73.27E, h0km, mb3.7, mpv3.4,

Error ellipse: s-maj=11.0km s-min=5.3km az=176.0
ISC 25 01:02:15.6:1.5, 40.83N:0.05:73.25E:0.02, h2km, n11km, n66, e181/103, 28C-18D, Kyrgyzstan

Main table of station data for the 25d 1h period, listing stations from ARSB to MTBS with their respective parameters.

Table with columns: Code, Station Name, Time, Res, ISC, Azimuth, Phase ID, and numerical values for stations like MTBS, IZV, BRLS, etc.

TNS5 20m,0.5s 3.53 50 P Pb 01 03 20.5 +1.4
TNS6 5.5nm,0.1s 3.53 50 eP Pb 01 03 20.5 +1.4

TNS7 15m,0.5s 3.67 49 eS Pg 01 03 27.3 +1.4
TNS8 2.1nm,0.5s 3.67 49 Pg Pb 01 03 27.3 +1.4

Main table of station data for the 2013 SEP period, listing stations from SAUI to WRA with their respective parameters.

Table with columns: Code, Station Name, Time, Res, ISC, Azimuth, Phase ID, and numerical values for stations like COEN, AS31, ASAR, etc.

CTA Charters Tower 20.33 131 P Pn 01 22 31.6 +1.6
CTAO Charters Tower 20.33 131 P Pn 01 22 31.6 +1.6

FORT Forest 23.68 184 P P 01 23 01.0 -0.4
BBOO BUCKLEBOO 26.22 169 P P 01 23 25.9 +1.5

STKA Stephens Creek 26.93 158 P P 01 23 34.2 +3.5
MK32 Makanchi Array 68.33 327 P P 01 28 51.3 +2.1

IDC 25 01:35:17.3:11.0, 19.83N:178.11W, h522km, 97km, mb3.4/3, mb1 3.5/4, mb1mx3.0/33, mbtmp4.3/4, Error ellipse: s-maj=158.5km s-min=58.4km az=139.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Azimuth, Phase ID, and numerical values for stations like DZM, CTA, ASAR, etc.

SOME 25 01:35:20.8, 40.83N:74.30E, h5km
NWC 25 01:35:20.9:1.3, 40.85N:74.26E, h0km, mb3.7, mpv3.4,

Error ellipse: s-maj=10.0km s-min=5.4km az=174.0
KRNET 25 01:35:22.0:1.0, 40.93N:74.30E, h17km, mb3.1

ISCUB 25 01:35:24.9:0.6, 40.92N:0.04:74.27E:0.03, h10km, Error ellipse: s-maj=5.4km s-min=3.3km az=166.6

ISC 25 01:35:25.1:0.4, 40.96N:0.04:74.35E:0.02, h10km, n74, e184/113, 36C-19D, Kyrgyzstan-Xinjiang border region

Main table of station data for the 1332 period, listing stations from ARLS to USP with their respective parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other technical details for various stations.



25d 2h

Table with 4 columns: Station Name, Frequency, Band, and other parameters. Includes stations like STIA Sita Lasithi, NPS Neapolis, IACM Heraklion, etc.

2013 SEP

Table with 4 columns: Station Name, Frequency, Band, and other parameters. Includes stations like GVDS Gavdos, GVD Gavdhos, GVO Gavdhos, etc.

1334

Table with 4 columns: Station Name, Frequency, Band, and other parameters. Includes stations like DRO Drossia, RLS Riolos of Patr, AGG Agios Georgios, etc.



25d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FINES FINESS Array B, NOA NORSAR Array B, EKA Eskeleumir Ar, etc.

WEL 25:02:59:06.5, 39'S, 2.178'E, h24km, 5km, M3.8/20, ML4.2/16, MLV3.8/20, Error ellipse: s-maj=0.0km s-min=0.0km az=84.2, Off east coast of North Island

Main station list table for the 25d 3h period, listing various seismic stations and their coordinates.

IDC 25:03:17:50.9, 48.0, 27.10N, 65.73E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.4/3, mbtmp3.8/3, M3.8/1, Ms1 3.8/1, ms1mx2.7/26, Error ellipse: s-maj=927.7km s-min=75.6km az=170.0, Pakistan

Table listing stations for the IDC event, including MKAR Makanchi Array, ZALV Zalevovo Beam, KEST Kesra, etc.

WEL 25:03:18:31.0, 39'S, 2.178'E, h24km, 5km, M3.5/19, ML3.8/17, MLV3.5/19, Error ellipse: s-maj=0.0km s-min=0.0km az=76.8, Off east coast of North Island

Main station list table for the second 25d 3h period, listing various seismic stations and their coordinates.

2013 SEP

Table listing stations for the 2013 SEP period, including RUGZ Raukumara Rang, HATZ Hinemaiaia, PKGZ Pakihoro, etc.

ISC/JCB 25:03:34:18.1, 0.3, 19.88S, 0.04:179.84E, 0.0E, h450km, mb4.0/15, Error ellipse: s-maj=8.4km s-min=4.8km az=25.1

NEIC 25:03:34:18.4, 1.7, 19.8S, 0.1:179.8E, 0.1, h444km, 8km, mb4.5/68, IDC 25:03:34:22.2, 1.3, 19.98S, 179.76E, h487km, 13km, mb4.5/68

ISC 25:03:34:18.6, 0.4, 19.86S, 0.18:179.89E, 0.03, h450km, mb4.55, 170/137, mb4.34, 12, South of Fiji Islands

Main station list table for the 2013 SEP period, listing various seismic stations and their coordinates.

1336

Main station list table for the 1336 period, listing various seismic stations and their coordinates.

IDC 25:03:39:51.0, 1.4, 26.87N, 65.48E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/27, mbtmp3.5/75, Error ellipse: s-maj=40.0km s-min=37.7km az=43.0, Pakistan

Table listing stations for the IDC event, including MKAR Makanchi Array, FINES FINESS Array B, etc.

MEX 25:03:43:52.4, 1.1, 15.83N, 92.55W, h215km, 7km, MD3.8, Mexico-Guatemala border region

Main station list table for the MEX event, listing various seismic stations and their coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes MEX 25 03:46:02.9, 0.6, 15.08N, 92.62W, h103km, 6km, MD3.7, Mexico-Guatemala border region.

ISCJB 25 04:05:38.1±0.5, 24.92N±0.03, 122.46E±0.02, h8km, 3km, Error ellipse: s-maj=5.3km s-min=3.1km az=29.6 JMA 25 04:05:38.5±0.2, 24.94N±122.49E, h3km, M2.5 TAP 25 04:05:39.1±0.4, 24.88N±122.34E, h0km, ML2.2, ISC 25 04:05:38.2.1, 24.93N±0.04, 122.47E±0.03, h21km, 4km, n47, c079/77, 2C, Taiwan region

Main table listing seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, EOS1 EOS1, NTC Toucheng, etc.

Table listing seismic stations: WHYT, CHN4, CHN4, TPUB, TPUB. Includes columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC.

ISCJB 25 04:11:02.6±0.3, 27.05N±0.03, 65.58E±0.03, h10km, mb3.9/19, MS3.3/2, Error ellipse: s-maj=5.2km s-min=3.8km az=156.3 IDG 25 04:11:04.6±0.9, 27.21N±65.34E, h0km, mb3.9/18, mb1.4±0.21, mb1mx3.9/55, mbtmp3.9/21, ML3.9/3, MS3.2/2, Ms1.3±0.2, ms1mx2.7/39, Error ellipse: s-maj=20.1km s-min=15.4km az=4.0 NEIC 25 04:11:08.6±2.0, 27.18N±0.09, 65.29E±0.09, h27km, 5km, mb4.1/19 OMAN 25 04:11:15.5±2.3, 26.70N±64.88E, h20km, ms3.0/5, Error ellipse: s-maj=43.2km s-min=29.2km az=250.0 ISC 25 04:11:05.1±0.5, 25.709N±0.05, 65.52E±0.04, h10km, n93, c2503/92, mb4.0/25, Pakistan

Main table listing seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BHUJ, WSAR, JLN, WBK, WBK, HRA, THW, KBL, HOQ, JMDO, BANOM, UOSS, CEP, BSY, ARQ, ARQ, MHTO, NIPL, CHCP, DHRM, DHRM, DHRM, SMLA, SMLA, SMLA, BHPL, GHYR, GEYT, GEYT, GEYT, GAR, JOSI, JOSI, JOSI, BTK, KOLN, DANN, KAT3, KKAR, KKAR, NRR, NRR, AAK, AAK, DMN, BOOM, BOOM, PKI, KDJ, KDJ, GUN, JIRN, RAYN, RAMN, TAPN, TAPN, TBLG, ABKAR, ABKAR, ABKAR, MK31, MK31, MK32, MK32, MKAR, MKAR, MKAR, MKAR, AKTO, AKTO, KBZ, KIBV, KURBB, BVAO, BVAO, BRVK, BRVK, ZALV, ZALV, ZAA1, CM31, CM31, CMAR, AKASO, AKAB, AKAB, AKAB, TLY.

Table listing seismic stations: SONAO, SONM, FIAO, FINS, GEC2, GEC2, GEC2, GEC2, ARAO, ARCES, NB200, NOARS, NOARS, KRSR, ESCD, TORO, TORO, TORO, TOA1, TOA1, WRI, WRI, AS31, AS31, ASAR, IL31, ILAR, YKA, TXAR, TXAR.

ISC 25 04:12:21.8±3.2, 27.13N±65.54E, h0km, mb3.9/8, mb1.4±0.8, mb1mx3.6/53, mbtmp3.9/8, Error ellipse: s-maj=26.8km s-min=26.6km az=147.0 ISC 25 04:12:23.5±3.4, 27.22N±65.50E±0.03, h10km, n9, c064/8, mb3.9/8, Pakistan

Table listing seismic stations: WSAR, WSAR, MKAR, KBZ, KURBB, BVAR, AKASO, FINS, ARCES, TORO, TORO, IDG, IDG, IDG, OMAN, OMAN, OMAN, OMAN, WSAR, WSAR, WSAR, WSAR, WBK, WBK, JLN, JLN, HOQ, HOQ, JMDO, BSY, GEYT, MKAR, KBZ, KVAR, MMAI, EIL, BRTR, CMAR, NRIK, ESDC, TORO, TXAR, TXAR.

ISC 25 04:33:16.1±2.5, 27.42N±65.08E, h0km, mb3.9/5, mb1.4±0.7, mb1mx3.6/50, mbtmp4.1/7, ML4.3/2, MS3.3/6, Ms1.3±0.6, ms1mx3.0/38, Error ellipse: s-maj=53.1km s-min=36.4km az=99.0 OMAN 25 04:33:27.3±1.7, 27.07N±64.77E, h35km, 307km, Error ellipse: s-maj=86.1km s-min=17.7km az=248.0 ISC 25 04:33:18.4±2.0, 27.30N±64.91E±0.02, h10km, n18, c181/17, mb4.0/5, MS3.4/5, Southwestern Pakistan

Main table listing seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WSAR, WSAR, WSAR, WSAR, WBK, WBK, JLN, JLN, HOQ, HOQ, JMDO, BSY, GEYT, MKAR, KBZ, KVAR, MMAI, EIL, BRTR, CMAR, NRIK, ESDC, TORO, TXAR.

ISCJB 25 04:33:26.4±0.2, 36.49N±0.02, 70.83E±0.03, h181km, 2km, mb4.5/47, Error ellipse: s-maj=4.1km s-min=2.6km az=158.1 BUI 25 04:33:27.0±0.0, 36.60N±70.60E, h198km, 2km, 6.5/29, mb4.8/21 IDG 25 04:33:27.4±0.6, 36.33N±70.75E, h183km, 5km, mb4.2/21, mb1.4±0.26, mb1mx4.0/48, mbtmp4.8/26, MS3.1/1, Ms1.3±0.1, ms1mx2.4/37, Error ellipse: s-maj=11.2km s-min=9.0km az=54.0 NEIC 25 04:33:27.4±2.1, 36.39N±70.09, 70.8E±0.1, h186km, 6km, MOS 25 04:33:27.1±0.9, 36.49N±70.87E, h189km, mb4.8/23, Error ellipse: s-maj=8.2km s-min=4.4km az=91.4 NNC 25 04:33:30.9±2.7, 36.96N±70.46E, h170km, 39km, mb4.4, mpv3.3, Error ellipse: s-maj=27.6km s-min=12.6km az=158.0 ISC 25 04:33:27.2±0.3, 36.52N±0.03, 70.81E±0.03, h180km, 3km, h180km, pp-P, n220, c2504/278, mb4.5/53, 12C-12D, Hindu Kush region

Main table listing seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KBL, KBL, KBL, GAR, GAR, CEP, CEP, CHCP, NILO, NILO, NILO, NILO, BTK, BTK, BTK, THW, SARP, TASHKENT, KSH, KSH.



Table with columns: WRA, Warramunga Arr, 82.13 122 P, 04 45 27.0 -1.0, comp=2.5, 9nm, 0.7s, baz=323, slow=4.8, SNR=45

IDC 25 04:38:10.8:1.2, 2.85N-79.63W, h0km, mb3.4/6, mb1.3/7/8, mb1mx3.6/28, mbtmp3.6/8, ML2.3/1, MS2.9/3, Mst 2.8/3, ms1mx2.6/17, Error ellipse: s-maj=44.4km s-min=19.5km az=42.0

RSNC 25 04:38:13.9:1.0, 2.41N-79.58W, h32km, 28km, ML2.8, ISC 25 04:38:10.1:2.2, 2.46N-076.79:66W:0.07, h4km, n13km, n19, c242/28, mb3.5/6, 1C, South of Panama

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

SJA 25 04:47:21.8:0.6, 23.94S:67.19W, h205km, 12km, ML2.1, MW2.5

ISCJB 25 04:47:23.9:1.3, 24.02S:076.67:23W:0.04, h174km, 15km, Error ellipse: s-maj=10.3km s-min=5.6km az=175.3

GUC 25 04:47:24.0:0.6, 24.02S:67.56W, h205km, 11km, ML3.5, ISC 25 04:47:22.4:3.1, 24.03S:076.67:20W:0.05, h190km, 30km, n14, c104/24, 5C-1D, Chile-Argentina border region

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

MEX 25 05:24:58.8:0.7, 14.15N:93.62W, h9km, 19km, MD3.9, Near coast of Chiapas

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

ISCJB 25 05:35:59.9:0.6, 12.60N:0108.87:84W:0.04, h77km, 11km, Error ellipse: s-maj=14.1km s-min=3.7km az=25.3

ISC 25 05:36:01.3:1.3, 12.83N:0108.87:82W:0.04, h66km, 15km, n23, c117/39, SD, Near coast of Nicaragua

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

GCG 25 05:51:56.3:0.4, 13.63N:91.22W, h14km, 847km, MD3.9, Near coast of Guatemala

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

IDC 25 05:52:0.8:5.0, 7.23S:144.47E, h0km, mb4.0/2, mb1.4/0.4, mb1mx3.7/23, mbtmp3.8/4, ML3.2/2, Error ellipse: s-maj=132.9km s-min=35.7km az=96.0, Near south coast of New Guinea

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

ISCJB 25 06:03:51.8:0.5, 8.81S:076.75:00W:0.06, h150km, mb3.6/6, Error ellipse: s-maj=8.7km s-min=7.6km az=137.6

IDC 25 06:03:52.0:0.8, 8.71S:74.94W, h134km, 8km, mb3.5/6, mb1.3/6/12, mb1mx3.4/43, mbtmp3.9/12, Error ellipse: s-maj=21.4km s-min=11.9km az=32.0

ISC 25 06:03:52.5:0.6, 8.81S:077.05:01W:0.09, h150km, n15, c155/21, mb3.7/6, Central Peru

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

SJA 25 06:07:04.0:0.9, 30.76S:72.29W, h40km, 36km, ML3.1, MW3.9, Off coast of central Chile

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

IDC 25 06:25:24.0:2.3, 6.41S:129.41E, h0km, mb3.6/1, mb1.3/9, mb1mx3.6/21, mbtmp3.7/3, ML3.9/2, Error ellipse: s-maj=121.0km s-min=32.8km az=68.0, Banda Sea

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

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

IDC 25 06:51:21.1:0.4, 4.97:76S:114.1:19W, h0km, mb4.7/18, mb1.4/8/18, mb1mx4.7/26, mbtmp4.6/18, MS5.8/19, MS1.5/8/19, ms1mx5.8/19, Error ellipse: s-maj=16.7km s-min=13.7km az=145.0

MOS 25 06:51:22.6:1.5, 5.0:01S:113.91W, h10km, mb5.6/14, MS5.6/6, Error ellipse: s-maj=20.7km s-min=12.7km az=61.2

ISCJB 25 06:51:22.4:0.3, 5.0:01S:075.113:73W:0.07, h10km, mb4.9/30, MS5.8/39, Error ellipse: s-maj=7.2km s-min=6.3km az=19.0

NEIC 25 06:51:24.6:2.7, 5.0:05:1:113:79W:0.2, h10km, 1km, MS5.4/95, Ms 20.5/9756, MWw6.1, Mw6.1 (GCMT) NEIC 25 06:51:24.8, 49:85S:114:36W, h11km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr:0.06; Mw:0.57; Mns:0.63; Ms:0.13; Ms1:0.59; Ms2:0.11; Fault plane solution: Ms:1.70000x10^18 NP1:0.8190,00000, 0.86,00000, 1.175,00000. NP2:0.280,00000, 0.86,00000, 1.478,59000. Principal axes: T:1.6871, Plg6.0000; Azm:145.0000; N:0.0425, Plg84.0000; Azm330.0000; P:1.7236, Plg1.0000; Azm235.0000; P:1.3130, Plg3.0000; Azm54.0000; nsta:1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 25 06:51:40.5:0.7S:114:28W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr:0.03; Mw:0.38; Mns:0.41; Ms:0.07; Ms1:1.30; Ms2:0.20; Fault plane solution: Ms:1.38000x10^18 NP1:0.8,00000, 0.88,00000, 1.171,00000. NP2:0.99,00000, 0.81,00000, 1.289,59000. Principal axes: T:1.3657, Plg8.0000; Azm323.0000; N:0.0209, Plg81.0000; Azm176.0000; P:1.3866, Plg5.0000; Azm54.0000

ISC 25 06:51:24.0:0.3, 4.9:00S:113.91W:0.06, h10km, n184, c184/345, mb5.4/6.1, MS5.9/412, 25C-3D, Southern Pacific Rise

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

RPN Rapa Nui 23.08 10 LR 07 02 05.1

GO09 Cerro Castillo 26.08 109 IAMS\_20 IAMS\_20 P 06 56 57.3 -0.2

GO10 Punta Arenas 26.46 113 IAMS\_20 IAMS\_20 P 07 04 53.0

USHU Ushuaia 27.70 118 LR 07 05 38.9

PTCN Pitcairn Islan 29.31 327 IAMS\_20 IAMS\_20 P 07 05 06.8

PMSA Palmer Station 29.68 139 P 06 57 32.0 +2.5

PMSA Palmer Station 29.68 139 P 06 57 29.6 +1.0

PLCA Paso Flores 31.37 90 P 06 57 45.3 +0.5

PLCA Paso Flores 31.37 90 Pmax 06 57 47.7 +2.9

PLCA Paso Flores 31.37 90 eP P 06 57 44.1 -0.7

PLCA Paso Flores 31.37 90 P 06 57 45.5 +0.7

PLCA Paso Flores 31.37 90 Iamb Iamb 06 58 09.7

GO05 Curarahue 31.40 87 P 06 57 46.7 +1.6

GO05 Huala 33.81 80 IAMS\_20 IAMS\_20 P 07 08 01.4

EFI Gas Falkland 34.52 115 IAMS\_20 IAMS\_20 P 07 09 48.0

ROCI El Roble 35.71 78 P 06 58 23.5 +0.7

PEL Peldehue 35.80 79 Pmax 06 58 24.0 +0.6

PEL Peldehue 35.80 79 P 06 58 24.0 +0.6

GO04 Tololo Observa 37.74 75 P 06 58 41.0 +0.8

GO04 Tololo Observa 37.74 75 Iamb Iamb 06 58 56.2

TRQA Toruquist 38.38 92 P 06 58 46.9 +1.7

TRQA Toruquist 38.38 92 Pmax 06 58 46.9 +1.7

TRQA Toruquist 38.38 92 P 06 58 44.5 -0.7

TRQA Toruquist 38.38 92 P 06 58 46.9 +1.7

TBI Tubus 38.47 301 eS S 07 04 44.0 +2.8

TBI Tubuai 38.47 301 eLR LQ 07 07 31.9

TBI Tubuai 38.47 301 eLR LR 07 09 08.7

TBI Tubuai 38.47 301 eT T 07 09 03.5

LCO Las Campanas 38.61 74 Pmax 06 58 48.3 +0.8

LCO Las Campanas 38.61 74 eP P 06 58 46.8 -0.7

LCO Las Campanas 38.61 74 P 06 58 48.3 +0.8

SBA Scott Base 39.52 199 Pmax 06 58 55.9 +1.7

SBA Scott Base 39.52 199 P 06 58 59.0 +0.9

GO03 Copiap 39.91 72 Iamb Iamb 06 59 22.8

QSPA South Pole Qui 40.22 180 P 06 59 00.9 +0.5

QSPA South Pole Qui 40.22 180 P 06 59 01.2 +0.8

QSPA South Pole Qui 40.22 180 IAMS\_20 IAMS\_20 P 07 14 34.8

GO02 Mina Guanaco 42.07 71 P 06 59 16.9 +0.7

MEH Mehetia 43.19 307 eT T 07 43 44.3

PB10 IROC Station P 42.72 68 IAMS\_20 IAMS\_20 P 07 12 11.4

TVO Taravao 42.88 306 eT T 07 44 28.2

TIAR Tiarai 43.12 306 eT T 07 44 37.4

PAE Paea 43.15 305 eT T 07 45 53.3

PPTF Pamatai, Paee 43.20 305 IAMS\_20 IAMS\_20 P 07 13 38.4

PPT2 Papeete2 43.21 305 eS S 07 05 55.4 +3.4

PPT2 Papeete2 43.21 305 eLR LQ 07 09 26.1

PPT2 Papeete2 43.21 305 eT T 07 44 40.6

PPT Papeete 43.23 305 LR LR 07 13 13.5

PB04 IROC Station P 43.86 67 IAMS\_20 IAMS\_20 P 07 12 44.5

VAH Vaihoo 44.19 310 eT T 07 46 14.6



Table with columns for property ID, description, status, date, and price. Includes listings for HHAR, Z56A, PV13, NHSC, U40A, PV03, R11A, R11A, R11A, X51A, PV16, PV12, PV12, PV04, WR1, WRA, WRA, WRA, NVAR, NVAR, NVAR, NVAR, PV23, SWET, W50A, V48A, V48A, P48A, Y57A, KVN, WVT, WVT, WVT, AFD, HENM, SMC0, SHEL, P17A, Y58A, KSC0, BIRD, Y60A, X58A, ISCO, DUG, W57A, CCM, CCM, ASCN, BMN, 249A, ELK, V56A, SLM, V58A, N23A, OGNE, PHVY, V62A, KRMB, R50A, MOD, BLO, 257A, BLO, S54A, BGNE, WVOR, BW06, PD31, PDAR, PDAR, P48A, K05A, HUMO, HDIL, T60A, S58A, R55A, REDW, MFID, TPAW, TPAW, Q54A, LOHW, LOHW.

Table with columns for property ID, description, status, date, and price. Includes listings for FXWY, MOOV, MOOV, O49A, IMW, P53A, BOSA, FLWY, FLWY, FLWY, Q56A, M44A, N47A, O52A, RSSD, RSSD, RSSD, R61A, FITZ, P57A, BMO, ECSD, ECSD, H04A, M48A, G60A, L46A, SDMD, RLMT, MBWA, SUSD, K3A, DLMT, O56A, N54A, N55A, M52A, P60A, SPAS, AAM, F07A, P61A, PSUB, WIN, F04A, M54A, ALLY, J42A, MIDW, J45A, M55A, HAWA, N58A, E08A, J47A, M56A, E07A, K50A, ERPA, M57A, N59A, E03A, J48A, LON, BRNJ, J45A, D08A, ODNJ, WVNY, LTY, H47A, D05A, KSPA, L56A, PAL, I49A, NLWA, H11S2, H11S3, H11S1, C09A, BINY, YLE.

Table with columns for property ID, description, status, date, and price. Includes listings for G45A, MEDO, GLMI, J54A, L59A, KSC0, H48A, J55A, E38A, K58A, H11N3, H11N1, H11N2, J56A, B06A, J57A, M65A, BRYW, E43A, TRY, QU2A, TSUM, J58A, AGMN, K62A, J59A, E44A, WES, HRV, DELO, ACCN, EYMN, NCB, PLVO, FFD, HNH, LONY, VT1, I62A, LBNH, FRNY, H62A, D53A, WWL, PKME, EMMW, FAKI, DIB, PQI, FFC, LSZ, WRAK, JAGI, SARN, FCC, SII, OHAK, BALM, BKB, VRDI, MCARA, SEAR, PMR, SUA, PAX, SVW2, DOT, RIDG, PPLA, ILAR, ILAR, BPAW, PMBI, PRP, MLY, KSM, COLD, BKNI, IVI, MSEY, TAM, SFJD, MDT.





NSSC 25 06:56:04.8.0.9, 33.923N, 35.85E, h8km, 15km, ML 1.6
GRAL 25 06:56:06.0.0.3, 33.88N, 35.84E, h0km, 51km, MD2.9
ISC 25 06:56:05.2.1.7, 33.89N, 0.04, 35.82E, 0.07, h12km, 18km,
n7, a0943/12, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include BHL Bhnanes, DORL Deir Qamar, RCY Rachaya, HWQ Hawqa, BRBR Barbar, QASN Qassiuq, TOTH TOTAH, etc.

NNC 25 06:59:53.6.1.9, 54.10N, 86.38E, h0km, mb3.7, mpv3.3,
3C-5D, Error ellipse: s-maj=19.5km s-min=12.8km
az=160.0, Suspected Mining explosion., Southern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include KURK Kurchatov, KURB Kurchatov Arra, MK31 Makanchi Array, etc.

NNC 25 07:11:06.2.0.4, 50.02N, 78.77E, h0km, mb3.9, mpv3.5,
16C-9D, Error ellipse: s-maj=3.9km s-min=1.8km
az=64.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include KUR07 Kurchatov Arra, SEM Semipalatinsk, MAK2 Makanchi, MK31 Makanchi Array, etc.

IDC 25 07:21:03.8.2.3, 8.53S, 111.70E, h0km, mb3.3/3,
mb1 3.3, mb1mx3.4/27, mbtmp3.3/3, Error ellipse:
s-maj=145.0km s-min=28.8km az=48.0
DJA 25 07:21:09.5.1.1, 9.5S, 111.1E, h18km, 10km, M4, 2/12,
mb4.6/1, MLV4.0/12
ISC 25 07:21:04.7.2.1, 9.23S, 111.22E, 0.05, h14km, 12km,
n16, a1570/19, mb3.6/3, South of Jawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include PCJJ Pacitan, PWJI Pagerwojo, WJJI Wonogiri, YOGI Yogyakarta, NGJI Ngawi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include H0S83 Diego Garcia H, H0S81 Diego Garcia H, MKAR Makanchi Array.

ISCJB 25 07:25:49.5.0.3, 43.04N, 0.02, 74.89E, 0.02, h0km, Error
ellipse: s-maj=3.3km s-min=2.4km az=164.6
KNET 25 07:25:49.5.0.2, 43.04N, 74.90E, h8km, 2km, ml1.2, Error
ellipse: s-maj=1.7km s-min=1.3km az=55.0
KINET 25 07:25:49.6.0.1, 43.04N, 74.90E, h8km, mb1.9
NNC 25 07:25:49.0.6.4, 43.03N, 74.89E, h0km, mb2.8, mpv2.5,
Error ellipse: s-maj=4.6km s-min=3.5km az=175.0,
Suspected Mining explosion.
SOME 25 07:25:50.4.0.8, 43.05N, 0.02, 74.91E, 0.02, h0km, n26,
a0560/46, 25C-6D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include CHMS Chumysh, USP Ospenovka, KBK Kaspogaybulak, etc.

SVSA 25 07:40:11.8.2.2, 39.01N, 28.84W, h8km, 13km, MD3.8,
ML4.0, 5C, Error ellipse: s-maj=11.7km s-min=7.3km
az=97.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include PCED Cedros, CALA Caldeira, ROSA Rosais, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include PDA Ponta Delgada, GRON Groa Negra, CMLA Cha da Macela, etc.

ISCJB 25 07:40:21.8.0.3, 50.14S, 0.06, 113.83W, 0.08, h10km,
mb4.5/16, MS5.2/25, Error ellipse: s-maj=8.7km
s-min=7.7km az=1.2
IDC 25 07:40:21.4.0.5, 50.06S, 114.01W, h0km, mb4.5/16,
mb1 4.6/16, mb1mx4.5/27, mbtmp4.5/16, MS5.1/21,
Ms1 5.1/21, ms1mx5.0/26, Error ellipse: s-maj=20.7km
s-min=14.8km az=142.0
NEIC 25 07:40:23.7.2.0, 50.05S, 114.01W, 0.2, h10km, 1km,
mb4.7/18, Mwc5.5(GCMT)
GCMT 25 07:40:23.2.0.1, 50.06S, 0.01, 114.01W, 0.01, h12km,
Mw5.5/135, Moment Tensor Solution, s81, c129,
s135, c250, Duration: 193 Moment tensor: Scale 10^17
Nm, M=0.01, M0=0.58, 0.4, M1=0.57, 0.3,
M2=0.36, 0.2, M3=0.20, 0.3, M4=0.15, 0.9; Best double
couple: M2 11800.0^10^17 NP1=98.00000^887.00000^,
lambda-10.00000^ NP2=188.00000^880.00000^,
lambda-177.00000^ Principal axes: T 2.1040, P165.00000^,
Azmi143.00000^; N 0.0270, P1679.00000^, Azm264.00000^; P
-2.1310, P199.00000^, Azm53.00000^; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function
NEIC 25 07:40:28.50.11S, 114.09W, h12km, Moment Tensor
Solution, Moment tensor: Scale 10^17Nm; Mro, 10;
Mho, 0.39; Mvo, 0.50; Mx, 0.06; My, 0.16; Fault
plane solution: P 29.75 130.00^10^17 NP1=98.00000^,
M2=96.00000^, lambda-176.00000^ NP2=96.00000^,
lambda-242.00000^ Principal axes: T 2.0678, P162.00000^,
Azmi321.00000^; N 0.1116, P1686.00000^, Azm209.00000^; P
-2.1794, P164.00000^, Azm51.00000^;
ISC 25 07:40:23.1.0.3, 49.99S, 113.99W, 0.08, h10km,
n161, a1528/134, mb4.7/22, MS5.2/25, 2C, Southern East
Pacific Rise

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include USHA Ushuaia, PMSA Palmer Station, PMSA Palm Station, etc.

25d 8h

Table with columns: Name, Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like BDFB, ALFO1, ROSC, etc.

2013 SEP

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

1344

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



25d 9h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ELDR, VEH, Ust-Kan, etc.

FIAO 25 08:57:57.7, 61.19N, 23.89E, h0km, ML1.2, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FIAO, FINES Array S, etc.

UPP 25 08:59:24.2, 3.0, 64.54N, 31.10E, h0km, ML1.7, Suspected explosion

ISCJJB 25 08:59:24.7, 0.6, 64.72N, 0.03, 30.49E, h0km, Error ellipse: s-maj=5.9km s-min=3.6km az=26.7

HEL 25 08:59:26.5, 0.2, 64.78N, 30.65E, h0km, ML2.5, Explosion

KOLA 25 08:59:27.3, 64.73N, 30.68E, h0km

NAO 25 08:59:28.2, 1.6, 64.85N, 30.57E, ML2.6

BER 25 08:59:29.3, 4.1, 64.78N, 30.69E, h0km, ML2.6(NAO), Suspected explosion

IDC 25 08:59:29.2, 1.7, 64.85N, 30.13E, h0km, mb1 3.2/4, mb1mx3, 0.4/2, mbtmp3, 2/4, ML2.4/4, Error ellipse: s-maj=21.2km s-min=7.8km az=103.0

ISC 25 08:59:27.1, 1.1, 64.84N, 0.03, 30.54E, h0km, n48, +150/63, Finland-Karelia border region

Main table for the 25d 9h section, listing various stations and their parameters.

2013 SEP

DDA 25 09:13:21.9, 4.0, 44N, 26.31E, h7km, 2km, ML2.8

ISCJB 25 09:13:22.3, 0.4, 40.45N, 0.02, 26.28E, 0.03, h10km, 4km, Error ellipse: s-maj=4.1km s-min=3.4km az=40.5

ISK 25 09:13:22.2, 4.0, 45N, 26.29E, h10km, 1km, ML2.0/8

ATH 25 09:13:22.2, 4.0, 43N, 26.25E, h23km, 3km, ML1.8/4, Error ellipse: s-maj=3.7km s-min=1.3km az=286.0

ISC 25 09:13:22.3, 0.9, 40.45N, 0.02, 26.29E, 0.03, h15km, 7km, n23, +0940/36, Turkey

Main table for the 2013 SEP section, listing various stations and their parameters.

1346

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like La Caada, Conchagua, Montecristo, etc.

NNC 25 09:41:52.3, 4.0, 53.51N, 87.56E, h0km, mb3.7, mpv3.3, 5C-4D, Error ellipse: s-maj=28.9km s-min=26.1km

az=18.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KURK, KURKB, MK31, etc.

MAN 25 09:43:40.4, 3.06N, 127.76E, h11km, MS4.2

IDC 25 09:43:41.3, 1.3, 4.13N, 128.38E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3, 7/37, mbtmp3, 9/7, ML3.4/1, MS3.0/2, Ms1 3.0/2, ms1mx2, 7/39, Error ellipse: s-maj=80.6km s-min=18.8km az=69.0

ISCJB 25 09:43:46.3, 0.4, 3.90N, 0.05, 128.32E, 0.06, h46km, mb3.8/6, MS3.3/1, Error ellipse: s-maj=9.6km s-min=5.2km az=145.0

NEIC 25 09:43:52.5, 1.2, 3.8N, 0.1, 128.2E, 0.1, h92km, 11km, mb4.2/17

ISC 25 09:43:48.1, 0.6, 3.86N, 0.07, 128.34E, 0.08, h46km, n39, +254/36, mb4.2/9, 1D, North of Halmahera

Main table for the 1346 section, listing various stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL Kabul, CHGR Chuyangaron, Garm, Nilore, Batken, DHARAMSHALA, Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAVC Veika Javorina, KOLC Kolacno, VYHS Vyhne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNAAS Sanae, SYO Syowa Base, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GELI Tayfur-Gelibol, ERIK Eriki-Kesan, Enez, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GELI Tayfur-Gelibol, ERIK Eriki-Kesan, Enez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THAS Thassos island, PRK Paraskevi, EDC Edinick, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBDV Barranco-do-Ve, PCVE Castro Verde, PCVE Castro Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAHZ Kaharanaki, CKHZ Cape Kidnapper, PXZ Pawanui, etc.

ISCJB 25 11:13:47.3.0.6, 37.33N, 0.04-8.38W, 0.03, h13km, Error ellipse: s-maj=5.9km s-min=3.6km az=162.9

IGL 25 11:13:48.2.37.31N-8.50W, h26km, ML1.7

INMG 25 11:13:48.8.1.2, 37.31N-8.50W, h24km, 3km, ML1.6, Error ellipse: s-maj=4.4km s-min=3.7km az=21.0

MDD 25 11:13:49.0.0.8, 37.37N-8.49W, h16km, 8km, mbl, g2.0/4, Error ellipse: s-maj=2.1km s-min=4.4km az=149.0

ISC 25 11:13:47.0.9.37.33N, 0.03-8.48W, 0.02, h13km, n24, 1937/31, Portugal

Code Station Name Az Az' Phase ID Time Res. Includes stations like MORF Marneleto, MORF Marneleto, MORF Marneleto, etc.

IDC 25 10:33:56.9.3.4, 22.94S, 176.93W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.9/35, mbtmp3.3/3, Error ellipse: s-maj=159.5km s-min=49.0km az=155.0, South of Fiji Islands

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

IDC 25 10:49:07.7.2.6, 25.7N, 128.32E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/32, mbtmp3.6/3, Error ellipse: s-maj=193.7km s-min=24.6km az=68.0, Halmahera

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

ISK 25 11:07:34.5.40.44N-26.27E, h12km, ML2.4/14

DDA 25 11:07:34.2.40.47N-26.24E, h7km, 2km, ML2.6

ATH 25 11:07:34.6.40.45N-26.28E, h7km, 4km, ML2.0/2, Error ellipse: s-maj=6.1km s-min=1.4km az=294.0

ISCJB 25 11:07:35.2.0.3, 40.45N, 0.02-26.30E, 0.03, h7km, 3km, Error ellipse: s-maj=3.6km s-min=2.9km az=165.6

THE 25 11:07:35.9.40.44N-26.26E, h4km, 1km, ML1.8/9, Error ellipse: s-maj=1.6km s-min=0.5km az=342.0

ISC 25 11:07:35.1.0.8, 40.45N, 0.02-26.28E, 0.02, h14km, 7km, n38, 0945/58, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GELI Tayfur-Gelibol, ERIK Eriki-Kesan, Enez, etc.

WEL 25 11:21:13.0.40 S, 2.177E, h36km, 3km, M3.2/25, ML3.5/13, ML3.2/25, Error ellipse: s-maj=0.0km s-min=0.0km az=66.3, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAHZ Kaharanaki, CKHZ Cape Kidnapper, PXZ Pawanui, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MTVZ Mangateitei, RTZ Ruatuhuna, NGZ Ngauruhoe, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA comp=Z,46nm,0.8s, WRA comp=Z,2.1nm,0.9s, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PBKT Sadao Pong, PHET Kaeng Krachan, UTTA Utтарид, etc.

ADC 25 11:23:36.1±0.5, 6.45S:154.38E, h0km, mb4.7/19, mb1.4, 9/22, mb1mx4.7/36, mbtmp4.7/22, ML4.0/2, MS4.0/17, Ms1.4, 0/17, ms1mx3.8/37, Error ellipse: s-maj=17.5km s-min=14.0km az=31.0

WRA comp=Z,46nm,0.8s, baz=57, slow=9.5, SNR=176 PpP PcP 11 32 35.4 +1.2

comp=Z,7.7nm,1.5s Sadao Pong 57.46 294 P Iamb P 11 33 27.6 -0.4

MOS 25 11:23:39.0±1.0, 6.46S:154.31E, h27km, mb5.1/35, Error ellipse: s-maj=8.9km s-min=7.8km az=120.3

WRA comp=Z,2.3nm,0.8s, baz=56, slow=3.4, SNR=6.3 ScP 11 36 13.3 +4.7

comp=Z,8.2nm,0.8s Kaeng Krachan 57.59 290 P P 11 33 30.3 +1.3

BUI 25 11:23:40.7±0.0, 6.25S:154.42E, h31km, mb5.0/42, mb5.1/32, Ms4.8/11, Ms7.4/5.8

SIJI comp=Z,402nm,19.5s, baz=60, slow=36 P 11 28 49.5 -0.9

comp=Z,55µm,0.8s, comp=Z,427µm Nan 58.45 297 P P 11 33 35.6 +0.7

ISCBJ 25 11:23:41.4±0.2, 6.49S:154.31E, h48km, mb5.2/69, MS4.1/20, Error ellipse: s-maj=4.2km s-min=3.8km az=170.1

SIJI comp=Z,443nm,18.0s, baz=155, slow=40 P 11 39 36.6

comp=Z,412µm,1.2s SRDT 58.48 291 P P 11 33 36.6 +1.5

NEIC 25 11:23:41.5±2.1, 6.45S:154.33E, h35km, mb4.9/89

MTN Manton Dam 23.68 253 P P 11 28 49.5 -1.1

XAN Xian 58.42 316 P P 11 33 37.3 0.0

DJA 25 11:23:44.2±0.7, 6.54S:154.4E, h59km, mb5.3/16, mb35.6/6, mb5.2/6, ML45.5/1, Mw16/6/5.2/6

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P P 11 33 36.7 -0.6

ISG 25 11:23:43.0±0.3, 6.44S:154.28E, h48km, mb287, c151/295, mb4.9/88, MS4.0/20, 3C-4D

ARMA Armidale 23.98 186 P Iamb Iamb 11 29 08.5

XAN Xian 58.82 316 P Pmax Pmax 11 33 37.3 -0.6

Bougainville-Solomon Islands region

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

Code Station Name Δ° AZ° Phase ID Time Res ISC

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

KRVV Karavat (AS076) 3.09 313 Pn 11 24 28.7 -1.0

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

KRVV Honiara 6.35 118 Pn 11 25 17.9 +3.4

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

KRVV Honiara 6.35 118 eP 11 25 13.0 -1.5

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

KRVV Honiara 6.35 118 eS 11 25 13.0 -1.5

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

KRVV Port Moresby 7.64 247 Pn 11 25 31.3 -0.9

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

PMG Port Moresby 7.64 247 Pn 11 26 59.7 +2.2

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

PMG Port Moresby 7.64 247 Pn 11 25 31.7 -0.5

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

PMG Port Moresby 7.64 247 Pn 11 26 59.7

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

PMG Port Moresby 7.64 247 Pn 11 25 31.7 -0.5

ARMA Armidale 23.98 186 P P 11 28 54.9 +1.2

XAN Xian 58.82 316 P Pmax Pmax 11 33 36.7 -0.6

Table listing stations and their details for the left column, including names like IMAR, MCK, MKC, etc., and associated numerical data.

Table listing stations and their details for the middle column, including names like SYO, PFO, R11A, etc., and associated numerical data.

Table listing stations and their details for the right column, including names like ZEDA, BLBC, BAYC, etc., and associated numerical data.

UCR 25 11:36:18.1±1.1, 9.27N-85.99W, h12km, MW4.1
ISCJB 25 11:36:19.4±0.9, 9.32N-85.95W, 0.04, h22km, mb3.4/4, MS3.4/2, Error ellipse: s-maj=11.9km

IDC 25 11:42:12.5±0.9, 29.18S-178.01W, h0km, mb3.8/2, mb1.4/0.2, mb1m3.7/27, mbtm3.6/2, Error ellipse: s-maj=316.7km s-min=86.1km az=165.0, Kermadec Islands

NNC 25 11:48:42.5±3.1, 42.90N-85.36E, h0km, mb3.6, mpv3.4, 3C, Error ellipse: s-maj=23.1km s-min=17.8km az=150.0, Northern Xinjiang

ISN 25 11:49:38.3±1.1, 37.20N-42.65E, h0km, 5km, ML3.1
ISCJB 25 11:49:42.2±0.7, 37.08N-42.03, h21km, 5km, Error ellipse: s-maj=5.3km s-min=4.1km az=146.4

ISK 25 11:40:07.7, 38.77N-25.99E, h14km, ML2.9/17
ATH 25 11:40:07.7, 38.74N-25.97E, h29km, 1km, ML2.9/3, Error ellipse: s-maj=3.3km s-min=1.1km az=84.0

ISC 25 11:40:08.4, 0.1, 38.76N-0.02, 25.95E, 0.03, h19km, 3km, n55, c055/73, Aegean Sea

Table listing stations and their details for the bottom right section, including names like ASAR, WRA, FINES, etc., and associated numerical data.



25d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAZI Mazidag, MUMU Mu-Merkez, HANI Diyarbakir\_Han.

MEX 25 11:52:29.7:0.6, 19.833N\*105.39W, h25km, 32km, MD3.5, Near coast of Jalisco. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MEX 25 12:09:50.5:0.7, 16.688N\*99.68W, h12km, 3km, MD3.6, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MEX 25 12:20:21.5:0.6, 16.777N\*99.98W, h2km, 3km, MD3.7, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 25 12:20:44.6:0.3, 35.91N\*0.03:70E, 0.04, h150km, mb3.7/12, Error ellipse: s-maj=4.9km s-min=3.4km az=155.6

IDC 25 12:20:44.1:3.3, 35.82N\*70.73E, h80km, 29km, mb3.5/11, m1 3.7/16, m1mx3.5/57, m1btp3.9/16, Error ellipse: s-maj=21.6km s-min=19.2km az=15.0

BUI 25 12:20:45.0:0.0, 36.00N\*70.70E, h129km, mb4.4/5, mb4.4/3

NEIC 25 12:20:45.1:1.6, 35.93N\*0.06:70E, 0.08, h135km, 9km, mb4.1/10

NNC 25 12:20:48.1:4.2, 36.55N\*70.49E, h0km, mb6.4, mpv4.2, Error ellipse: s-maj=43.2km s-min=25.0km az=147.0

ISC 25 12:20:45.6:0.6, 35.89N\*0.05:70.73E, 0.05, h150km, n82, e237/86, mb3.9/14, 3C-4D, Hinde Kush region

Main station list for the 25d 13h section, including stations like KBL Kabul, CHGR Chuyangaron, NLR Nilore, GAR Garm, etc.

2013 SEP

Main station list for the 2013 SEP section, including stations like MKAR Makanchi Array, GKN Gorkha, DMN Daman, etc.

1350

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31, MK32 Makanchi Array, MKAR Makanchi Array, etc.

MEX 25 12:42:02.9:0.6, 17.222N\*100.08W, h45km, 7km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, AC2P Acapulco, CAIG El Cayaco, etc.

IDC 25 13:03:10.8:6.2, 29.78S\*178.84W, h273km, 49km, mb3.6/7, m1 3.8/8, m1mx3.5/42, m1btp4.3/8, Error ellipse: s-maj=54.6km s-min=16.2km az=42.0

ISCJB 25 13:03:13.1:1.2, 30.04S\*0.09:179.1W, 0.2, h300km, mb3.8/7, Error ellipse: s-maj=21.5km s-min=12.4km az=176.9

ISC 25 13:03:14.6:1.2, 30.1S:0.1\*179.1W:0.2, h300km, n12, e200/13, mb3.9/7, Kermadec Islands region

Main station list for the 1350 section, including stations like URZ Urewera, DZM Mont Dzumac, RPZ Rata Peaks, etc.

IDC 25 13:11:26.7:3.0, 28.02N\*141.92E, h0km, mb3.9/6, m1 4.0/6, m1mx3.6/46, m1btp3.9/6, Error ellipse: s-maj=129.6km s-min=21.8km az=74.0

ISCJB 25 13:11:30.6:2.2, 27.93N:0.2\*141.95E:0.7, h35km, mb3.9/6, Error ellipse: s-maj=88.4km s-min=12.0km az=161.5

NEIC 25 13:11:35.2:0.8, 28.08E:0.2\*141.92E:0.6, h68km, 15km, mb4.4/6

ISC 25 13:11:32.3:2.5, 28.0N:0.3\*141.7E:0.7, h35km, n17, e072/17, mb4.3/9, Bonin Islands region

Main station list for the 1350 section, including stations like ULN Ulaanbaatar, SONM Songino Array, WR1 Warramunga Arr, etc.

IDC 25 13:09:22.1:0.1, 31.69N:72.79E, h0km, mb3.5/2, m1 3.7/3, m1mx3.3/54, m1btp3.5/3, ML3.0/1, Error ellipse: s-maj=67.9km s-min=53.0km az=92.0, Pakistan

Main station list for the 1350 section, including stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

UCR 25 13:14:39.9+0.7, 10.57N+85.15W, h90km, 3km, MW3.8, 2C-3D, Costa Rica
Code Station Name Az AZ Phase ID Time Res
GB1A Borinquen Arri 0.34 315 eP Pn 13 13 49.0 +0.2

GCG 25 13:14:22.9+0.6, 15.39N+91.89W, h77km, 2.2km, MD4.0
ISCJB 25 13:14:24.9+1.1, 14.49N+101.92W, h17km, 11km,
Error ellipse: s-maj=18.8km s-min=5.0km az=32.1

Code Station Name Az AZ Phase ID Time Res
THIG 0.33 319 eP Pn 13 14 37.0 -0.9
THIG 0.33 319 eS Pn 13 14 46.0 +0.1
FUG Fuego 3 1.18 100 eP Pn 13 14 47.3 -0.4

VAO 25 13:14:40.2+0.4, 22.66S+68.20W, h123km, 3km, mb5.6
NEIC 25 13:14:40.5+1.6, 22.59S+68.06W, h117km, 4km,
mb5.2/294, ML5.1(GUC)

Code Station Name Az AZ Phase ID Time Res
LVC Limon Verde 0.65 269 eP Pn 13 15 02.4 +1.6
LVC 6um, 0.3s, baz=93, slow=5.1 S Sn 13 15 18.0 +2.4
LVC comp=Z, 19um, 19.4s, baz=170, slow=66 LR 13 15 35.4

ISC 25 13:14:41.2+0.5, 22.65S+68.20W, h112km, 4km,
h1084, r122/1136, mb5.2/175, 11C-8D, Northern Chile

Code Station Name Az AZ Phase ID Time Res
LVC 6um, 0.3s, baz=306, slow=19, SNR=76 S Sn 13 15 18.0 +2.4
LVC comp=Z, 19um, 19.4s, baz=170, slow=66 LR 13 15 35.4
LVC Limon Verde 0.65 269 eP Pn 13 15 02.7 +1.9

PTB06 IPOC Station P 1.27 265 iIP Pn 13 15 07.8 +1.5
PTB06 eS Sn 13 15 27.1 +1.7
PTB06 IAML 13 15 30.2

PTB06 IPOC Station P 1.27 265 iS Pn 13 15 07.9 +1.5
PTB06 iS Pn 13 15 28.4 +3.0
PTB06 IAML 13 15 30.3

PTB06 IPOC Station P 1.31 242 iIP Pn 13 15 08.6 +1.7
PTB15 iS Sn 13 15 28.5 +2.1
PTB15 IPOC Station P 1.31 242 iS Pn 13 15 08.7 +1.7

PTB01 IPOC Station P 1.96 322 iP Pn 13 15 15.9 +1.6
PTB01 iS Sn 13 15 41.0 +1.4

GO02 Mina Guanaco 2.85 206 Pn 13 15 26.6 +0.7
PB14 IPOC Station P 2.85 225 iS Pn 13 15 26.0 +0.1
PB14 iS Pn 13 15 57.8 -2.6
PB14 IAML 13 16 00.6

GO01 Chusmiza 3.06 342 iIP Pn 13 15 30.3 +1.4
GO01 iS Sn 13 16 07.7 +2.2
GO01 Chusmiza 3.06 342 iS Pn 13 15 30.2 +1.4

CPUP Villa Florida 10.58 113 eP Pn 13 17 07.9 -1.5
CPUP Villa Florida 10.58 113 eP Pn 13 17 07.6 -1.9
ROCI El Rotón 10.63 193 eP Pn 13 17 05.1 -5.2

CPUP Villa Florida 10.58 113 eP Pn 13 17 07.9 -1.5
CPUP Villa Florida 10.58 113 eP Pn 13 17 07.6 -1.9
ROCI El Rotón 10.63 193 eP Pn 13 17 05.1 -5.2

TRQA Torquist 16.31 162 eP Pn 13 18 20.0 -3.1
TRQA Torquist 16.31 162 eP Pn 13 18 19.8 -3.3
TRQA IAML IAMB 13 18 26.5

TRQA Torquist 16.31 162 eP Pn 13 18 20.0 -3.1
TRQA Torquist 16.31 162 eP Pn 13 18 19.8 -3.3
TRQA IAML IAMB 13 18 26.5

FRTB Parturo 17.18 96 eP P 13 18 32.1 -1.6
PLCA Paso Flores 18.18 186 eP P 13 18 44.6 0.0
PLCA Paso Flores 18.18 186 eP P 13 18 44.1 -0.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

PTGA Pitinga 23.17 21 eP P 13 19 35.4 -1.9
PTGA Pitinga 23.17 21 eP P 13 19 32.2 -0.5
PTGA Pitinga 23.17 21 eP P 13 19 34.8 -2.4

GRGR Grenville 35.11 11 eP P 13 21 25.4 +2.3
GRGR Grenville 35.11 11 P P 13 21 23.8 -0.3
RCBR Riachuelo 35.35 67 P P 13 21 22.4 -1.8

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

DFDF Fort de France 37.74 11 eP P 13 21 46.6 +1.1
DFDF Fort de France 37.74 11 P P 13 21 44.7 -0.8
SLBI Loma Lucha Alta 37.80 11 eP P 13 21 48.5 +2.5

25d 13h

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other technical details. Includes stations like V52A Liburn, LRAL Lakeview Retre, 147A Livingston, etc.

2013 SEP

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other technical details. Includes stations like T56A Rocky Mt, U52A Thorn Hill, V49A Thorn Hill, etc.

1352

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other technical details. Includes stations like P57A Homestead Farm, P57A Homestead Farm, X37A Clayton, etc.



25d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VLDQ, COWI, ECSD, GLA, SPMM, etc.

2013 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PSUT, TPNV, TPNV, FURC, etc.

1354

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PAHR, MCMT, BOZ, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like SSF, LPL, CLL, EPYK, IL31, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like MJAR, MAJO, MAJO, KOLN, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like NIS1, NIS1, NIS1, NIS1, etc.



Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Rows include TORO, DBIC, MKAR, CMAR.

BUI 25 13:58:11.1±0.0,53°17'N:171°50'E,h5km,mb5.5/75, mb5.5/6,Ms5.5/76,Ms7.5/374

ISCJB 25 13:58:13.7±0.6,52°91'N:02°171'40'E:0.01,1h3km,3km, mb5.7/298,MS5.1/155,Error ellipse: s-maj=3.1km

KRSC 25 13:58:14.4±2.9,52°59'N:171°33'E,h116km,63km,ML5.9

AEIC 25 13:58:15.1±1.4,52°89'N:08°171°37'E:0.07,h20km,3km

NEIC 25 13:58:16.5±1.3,52°94'N:08°171°30'E:0.05,h29km,3km

Moment tensor: Scale 10^17Nm; Mw:1.16; Ms:0.26; Mb:0.87; M0:0.01; M1:0.70; Fault plane solution: Mo:1.54000x10^17

Principal axes: T:1.5635,Plg58.0000°,Azm301.0000°; N:-0.0424,Plg22.0000°,Azm71.0000°; P:-1.5211,Plg22.0000°,Azm170.0000°

MOS 25 13:58:16.4±0.9,52°89'N:171°28'E,h36km,mb5.9/168, MS5.1/104 Error ellipse: s-maj=4.5km s-min=3.3km

GCMT 25 13:58:18.7±0.1,53°04'N:01°171°37'E:0.01,h23km, MW5.5/143,Moment Tensor Solution: s114,c207;

Triangular moment-rate function: IDC 25 13:58:18.1±1.6,52°59'N:171°31'E,h26km,12km,mb5.3/60, mb1.5/4/62,mb1mx5.3/74,mbtmp5.6/62,ML4.6/2,MS4.9/45,

NEIC 25 13:58:19.52°97'N:171°33'E,h28km,s-maj=9.3km

ISC 25 13:58:19.3±0.4,52°92'N:03°171°38'E:0.02,h34km,1km, mb5.7/298,MS5.1/155,Error ellipse: s-maj=3.1km, 181C-27,Near Islands

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like SMY, Bering, Kizimen, etc.

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like AVH, DALK, GUST, etc.

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like UGL, Yuzh-Sakhalins, etc.



25d 13h

2013 SEP

1358

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CCB, TCOL, COLA, YAK, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EGAK, PCA, USRK, MAJO, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BBB, DL2, KEKH, YKWA, etc.

1359

Table with columns: Station, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like LON Longmire, G03D Longmire, F04A Amboy, I02D Swissmoor, COR Corvallis, etc.

2013 SEP

Table with columns: Station, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like WVOR Wild Horse Val, WVOR Wild Horse Val, WSO Missouri, MSO Missoula, WHN Wuhan, etc.

25d 13h

Table with columns: Station, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like FCC Fort Churchill, FCC Fort Churchill, FCC comp=Z,118nm,1.1s, YHL Hebggen Lake, etc.

25d 13h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SCZ2 Santa Cruz Isl, TPNV Topopah Spring, BW06 Boulder Array, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KNB Kanab, KURK Kurchatov, MDND Maddock, etc.

1360

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PV05 Saucer Basin, PV12 Paradox Valley, PV07 Paradox Valley, etc.

Table with columns: Name, Comp, Az, El, P, Max, Min, Diff. Includes stations like EYMN Ely, KMI Kunming, KSCO Kaye Shedlock, etc.

Table with columns: Name, Comp, Az, El, P, Max, Min, Diff. Includes stations like KIRV Kirov, MDOK Medeo, G39A Holcombe, etc.

Table with columns: Name, Comp, Az, El, P, Max, Min, Diff. Includes stations like NRN Naryn, AMTX Atarillo, G45A Suttons Bay, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AB31, ABKAR, AB46A, N41A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like E52A, D0MB, 044A, 044A, CMMT, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like VSU, VSU, NBO00, N47A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PLIO Pelee Island, LCAR Lake Charles, GKN Gorkha, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like MEDO Medina, MEDO GLAT, LNXT Lenox, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like WVT Waverly, WVT Waverly, K56A Middlesex, etc.

25d 13h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like E63A Oxbow, PABE Paberze, PLAL Pickwick Lake, etc.

2013 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like L59A Walton, L59A Walton, N57A Milroy, etc.

1364

Table with columns: Station ID, Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like O58A Lewisberry, P57A Homestead Farm, P57A Homestead Farm, etc.

1365

Table with columns: Call Sign, Name, Frequency, Power, Mode, and various performance metrics. Includes stations like BLA Blacksburg, EDU Dundee, V53A Saluda, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and various performance metrics. Includes stations like 250A Grady, 545A Belton, U57A Blanch, etc.

25d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and various performance metrics. Includes stations like BIRD Birdtown, U60A Pendleton, MAK Makhachkala, etc.



25d 13h

2013 SEP

1366

Table with columns: ID, Name, Time, Day, Status, Location, and other details. Includes entries like W61A Ground Anchor, X60A Albert Glenn T, WLF1 Lylnfaes, etc.

Table with columns: ID, Name, Time, Day, Status, Location, and other details. Includes entries like MYKOM Kota Tinggi, MYKOM Kota Tinggi, TBLG Delisi, etc.

Table with columns: ID, Name, Time, Day, Status, Location, and other details. Includes entries like VRAC Willston, 656A Willston, WOL Wolverton, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PSI, TLCR, RPSI, KCSI, BUD, CCA1, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Warramunga Arr, TOKT, RAZZ, MDVV, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BNI, Bardonecchia, SSB, ZIRJ, etc.

25d 14h

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like BANOM Banah, SGRT San Giovanni R, PAIG Pailou, etc.

2013 SEP

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like SHBL Chebaa, IOSP Island, ANAF Anafi Island, etc.

1368

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like TOC2 Torodi Ar. Sit, TOA1 Torodi Ar. Sit, TOA1 Torodi Ar. Sit, etc.

PGC 25 14:01:17.0±0.0, 65.48N±1.34, 12W, h1km, ML3.5/6, 218km south of Fort McPherson, Nt Northern Yukon Territory, Canada, Northern Yukon Territory

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DAWY Dawson, INK Inuvik, YUKA Talbot Arm, etc.

IDC 25 14:03:04.2±1.6, 2.57S±1.134E, h0km, mb3.6/3, mb1 4.0/4, mb1mx3.6/29, mb1tpe3.7/4, ML3.8/1, Error ellipse: s-maj=109.1km s-min=26.4km az=116.0, Near north coast of New Guinea

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

Table with columns: QASN, comp=N,75nm,0.5s, AML, AML, 14 12 27.4, etc.

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

DDA 25 14:21:15.8, 39.01N, 26.27E, h2km, 2km, ML3.0
ISCJB 25 14:21:16.6, 0.4, 39.02N, 0.02-26.26E, 0.03, h8km, 3km,
Error ellipse: s-maj=4.0km s-min=2.8km az=154.0

Main table for station 1369, listing stations like Keravat, Port Moresby, Warramunga Arr, Alice Springs, etc.

SOME 25 14:32:36.9, 42.28N, 84.20E, h5km, MS3.9
IDC 25 14:32:39.0, 0.8, 42.46N, 84.26E, h0km, mb3.8/13,
mb1 3.9/19, mb1mx3.763, mbtmp3.7/19, ML3.2/6, Error

ellipse: s-maj=18.7km s-min=12.3km az=55.0
NCC 25 14:32:42.9, 1.4, 42.60N, 84.06E, h0km, mb4.5, mpv4.2,
Error ellipse: s-maj=10.8km s-min=5.8km az=140.0

Main table for station 2013 SEP, listing stations like Urumqi, Shalkode, Jarkent, etc.

Main table for station 25d 14h, listing stations like Chushkaly, Karotobe, Maitube, etc.

ASAR Alice Springs 80.13 135 P P 14 44 50.8 -0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Huatulco, Vista Hermosa, Matias Romero.

MEX 25 14:32:42.0-0.8, 15.85N:96:31W, h20km, 21km, MD3.7, Near coast of Oaxaca

ISC/JB 25 14:38:53.7-0.4, 38.76N:0:02:25.99E:0.03, h11km, 3km, Error ellipse: s-maj=4.5km s-min=3.0km az=164.6

ISK 25 14:38:53.4, 38.76N:0:02:25.99E:0.03, h10km, ML3.4/1.5

ATH 25 14:38:53.2, 38.75N:26:03E, h20km, 1km, ML3.2/6, Error ellipse: s-maj=2.4km s-min=1.2km az=269.0

DDA 25 14:38:54.0, 38.79N:26:07E, h7km, 4km, ML2.7

THE 25 14:38:54.1, 38.76N:25.96E, h9km, 1km, ML3.0/5, Error ellipse: s-maj=1.7km s-min=0.6km az=83.0

ISC 25 14:38:54.0-0.9, 38.77N:0:02:26.00E:0.03, h15km, 8km, n73, c0951/68, 4C-1D, Aegean Sea

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chios island, Psara, KRBN Karaburun, etc.

ISC/JB 25 14:39:29.9, 38.78N:26:01E, h10km, ML3.6/26, mb3.9/6, Error ellipse: s-maj=3.7km s-min=3.3km az=27.7

ISC/JB 25 14:39:30.0, 38.76N:0:02:25.99E:0.03, h24km, 3km, Error ellipse: s-maj=3.6km s-min=2.8km az=127.0

THR 25 14:39:30.0, 38.77N:26:01E, h27km, 1km, ML3.5/8, Error ellipse: s-maj=2.2km s-min=1.2km az=251.0

DDA 25 14:39:30.0, 38.79N:25.98E, h7km, 2km, ML3.7

THE 25 14:39:30.9, 38.77N:25.94E, h13km, 1km, ML3.5/5, Error ellipse: s-maj=2.1km s-min=0.7km az=82.0

ISC 25 14:39:30.0-0.9, 38.77N:0:02:26.00E:0.02, h15km, 8km, n73, c0951/100, 6C-2D, Aegean Sea

Code Station Name Az Phase ID Time Res

CHOS Chios island 0.37 174 P P 14 39 38.5 -0.4

CHOS Chios island 0.37 174 P P 14 39 38.5 -0.4

CHOS Chios island 0.37 174 P P 14 39 38.5 -0.4

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSRA, KRBN Karaburun, etc.

ISC/JB 25 14:43:51.6-0.3, 37.56N:0:02:57.84E:0.03, h10km, mb3.9/6, Error ellipse: s-maj=3.7km s-min=3.3km az=27.7

NCC 25 14:43:52.4, 1.6, 37.64N:57:65E, h42km, 22km, mb4.2, Error ellipse: s-maj=40km s-min=20.6km az=127.0

THR 25 14:43:52.5, 37.49N:57:75E, h15km, ML3.9

TEJ 25 14:43:52.5, 37.49N:57:75E, h10km, ML4.2

IDC 25 14:43:56.1, 1.0, 38.00N:57:57E, h0km, mb3.9/7, mb1.4/1.5, mb1mx3.8/59, mbmp4.0/15, ML3.1/7, Error ellipse: s-maj=1.8km s-min=0.6km az=18.0

ISC 25 14:43:52.4-0.6, 37.50N:0:03:57.84E:0.03, h10km, n73, c189/76, mb4.0/6, 7C-10D, Iran-Turkmenistan border region

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

Code Station Name Az Phase ID Time Res

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

BJRD Bojnurd 0.36 305 eP P 14 44 06.3

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA0B ALIBECK ARRAY, IEMG Emamgohli, etc.

IDC 25 14:53:50.5-1.4, 14:38N:93:46W, h0km, mb4.1/3, mb1.4/1.7, mb1mx3.7/40, mbtmp3.9/7, ML3.6/4, Error ellipse: s-maj=3.7km s-min=2.3km az=59.0

ISC/JB 25 14:53:54.1-1.1, 14:46N:0:08:93.43W:0.08, h36km, mb4.1/3, Error ellipse: s-maj=13.5km s-min=9.8km az=38.4

ISC 25 14:53:55.3-1.2, 14:4N:0:1:93.49W:0.09, h36km, n8, c1524/10, mb4.2/3, Near coast of Chiapas

Code Station Name Az Phase ID Time Res

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7

APG El Apazote 3.00 78 P P 14 54 38.8 -1.7



25d 16h

Table with 3 columns: Station ID, Name, and various parameters (e.g., 0.21 340, Pg, 15.54 15.1 -0.3). Includes stations like TPUB, SNST, TWK, CHN4, etc.

2013 SEP

Table with 3 columns: Station ID, Name, and various parameters (e.g., 0.87 49, eP, Pg, 15.54 27.5 -0.2). Includes stations like WTCT, EGFH, DPDB, etc.

1372

Table with 3 columns: Station ID, Name, and various parameters (e.g., 2.13 28, eP, Pb, 15.54 48.6 -1.0). Includes stations like TIBP, TIBP, YM04, etc.

IDC 25 16:00:14.1±1.4, 5.46S:152.87E, h0km, mb4.0/5, Mb1 4.3/7, mb1mx3.9/32, mbtmp4.1/7, ML3.0/2, MS3.5/1, Ms1 3.5/1, ms1mx2.8/32, Error ellipse: s-maj=35.4km s-min=20.4km az=110.0

ISC 25 16:00:19.0±0.8, 5.50S:0.05±152.63E±0.10, h40km, mb4.0/5, MS3.3/1, Error ellipse: s-maj=14.1km s-min=7.4km az=8.2

NEIC 25 16:00:18.7±1.3, 5.65S:0.08±152.9E±0.2, h33km, n24, mb4.7/7

ISC 25 16:00:19.9±1.1, 5.48S:0.07±152.7E±0.1, h40km, n24, ±150S/24, mb4.2/9, New Britain region

Table with 4 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KRVT, KRVT, KRVT, etc.

DJA 25 16:10:41.7±0.9, 10.15°S±15.11°E, h61km±33km, M3.7/6, mb3.6/1, MLv3/7, South of Bali

Table with 4 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like IGBI, IGBI, DNP, etc.

IDC 25 16:18:34.3±1.2, 27.76N:57.55E, h0km, mb4.0/11, mb1 4.0/16, mb1mx3.8/66, mbtmp4.0/16, ML3.8/5, Error ellipse: s-maj=25.3km s-min=16.3km az=152.0

DSN 25 16:18:35.4±2.4, 27.77N:57.94E, h10km, ML4.5/7, Error ellipse: s-maj=57.5km s-min=12.9km az=145.0

ISCJB 25 16:18:36.9±0.2, 27.74N:0.02±7.63E±0.04, h25km, mb4.0/11, Error ellipse: s-maj=4.7km s-min=2.4km az=177.2

THR 25 16:18:37.2±7.74N:57.57E, h14km, ML4.1, TEH 25 16:18:37.9±0.5, 27.74N:57.57E, h21km, ML4.2

NEIC 25 16:18:39.6±2.1, 27.75N:0.08±57.4E±0.1, h44km, 8km, OMAN 25 16:18:41.0±0.8, 27.66N:57.97E, h30km, ml4.0/15, Error ellipse: s-maj=15.2km s-min=2.8km az=349.0

ISC 25 16:18:37.9±0.5, 27.71N:0.03±57.58E±0.05, h25km, n117, ±213/128, mb4.2/15, Southern Iran

Table with 4 columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KHNJ, KHNJ, NIAN, etc.





25d 16h

2013 SEP

1374

Main data table containing flight schedules with columns for Code, Station Name, Phase ID, Time, Res, and various flight details. Includes sub-sections for 'plane solution' and 'ISC 25 16:42:43.2...'. The table lists numerous flight routes and their corresponding times and statuses.



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like T57A Hurl, TZTN Tazewell, TX31 Lajitas Ar. Si, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like X37A Hickman, HICK Hickman, W39A Magazine, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like PSUB French Village, FVM French Village, TZTN Tazewell, etc.





Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes entries like D41A Chassel, O20A White River C, E38A The Farm, Brul, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes entries like ISA Isabella, Lake, ISA Isabella, Lake, ISA Isabella, Lake, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes entries like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

25d 16hr

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like PCALD Calderas da R, GDXM Geysers, BART Pico Bartolome, etc.

2013 SEP

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like E08A Dider Farm, E08A Phinny Hill, F07A Phinny Hill, etc.

1380

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TORO Torodi Ar. Bea, PFVI Vila Bisbo, MORF Marpelete, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like ECHA Ech Chief, EBNR Beni Rached, JIS Juneau Island, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like BCPM comp=Z,502nm,1.8s, GALLI Galloway, MAHO Mahon, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like GDLE comp=Z,120um,19.5s, SUCK Suckling Hills, CROM Cirque, etc.



25d 16h

Table with columns for station name, frequency, and signal strength. Includes stations like SCM, Sheep Creek Mo, and various other local stations.

2013 SEP

Table with columns for station name, frequency, and signal strength. Includes stations like COLA, College, and various other stations.

1382

Table with columns for station name, frequency, and signal strength. Includes stations like CTI, Castet Tesino, and various other stations.



Table with columns for station name, frequency, power, and various technical parameters. Includes stations like KECS, AGG, DSH, VLI, HSPB, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like PBUR, PLUT, LOTRU, BMR, KAVA, LAST, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like NACGM, MCGM, YER, IAS, HARR, etc.

1385

Table with columns: Station Name, Frequency, Power, Band, Modulation, and various performance metrics (e.g., SNR, BER, etc.). Includes stations like DESE, ANNA, GAZ, LPSR, VORR, YARR, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Band, Modulation, and various performance metrics. Includes stations like PET, PETK, MA2, NRIK, etc.

25d 16h

Table with columns: Station Name, Frequency, Power, Band, Modulation, and various performance metrics. Includes stations like NKL, BRVK, TYV, MORW, etc.

25d 16h

2013 SEP

1386

Table with columns for station code, name, coordinates, and status. Includes stations like Batken, Garm, Manton Dam, Erkin-Say, Osh, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like Przhedl'sk, Podgornoye, Shaikode, Saumlaki, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like HYB, ETO, HYG, JAGI, etc.









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ANWB, DEG, MLYT, etc.

JMA 25 19:57:19.4-0.2, 39.85N; 143.49E, h25km, M3.8
ISCJB 25 19:57:20.9-1.0, 39.78N; 0.04:143.49E; 0.08,
h36km, 10km, mb3.6/6, Error ellipse: s-maj=11.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JTH, MIYJ, JKEN, etc.

ISCJB 25 19:58:22.6-0.2, 43.80N; 0.02:105.16W; 0.03, h10km,
mb3.9/6, Error ellipse: s-maj=3.4km s-min=3.1km az=11.6
ISC 25 19:58:22.9-0.7, 43.78N; 105.35W, h0km, mb4.0/6,
mb1 4.0/12, mb1mx3.7/5, mbtmp3.8/12, ML3.3/5, Error
ellipse: s-maj=18.9km s-min=7.0km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RSSD, R22A, PHWY, etc.

Main table with columns: P, D, A, R, Az, Az', Phase ID, Time, Res, ISC. Rows include PDAR, PDAR, YNE, YNE, YNE, etc.

Table with columns: P, D, A, R, Az, Az', Phase ID, Time, Res, ISC. Rows include PV23, MPU, PV14, etc.

IDC 25 20:00:48.9-3.0, 32.04S; 177.98W, h0km, mb3.7/2,
mb1 4.0/3, mb1mx3.7/23, mbtmp3.8/3, ML3.2/1, Error
ellipse: s-maj=70.5km s-min=36.2km az=116.0, South
of Kermadec Islands

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



25d 21h

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

ISCJB 25 21:05:40.1±1.6, 51.94N, 0°09:3'55E, 0.1, h0km, mb3.3, 20km
Error ellipse: s-maj=16.8km s-min=12.2km az=137.4

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

SJA 25 21:02:08.1±0.7, 35°80'S, 71°35'W, h132km, 10km, ML2.9, MW3.3
ISCJB 25 21:02:09.2±0.9, 35°73'S, 0°05:71'3W, 0.1, h127km, 11km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GO05, CCHI, COCH, etc.

SOME 25 21:03:11.6, 40°27'N, 78°10'E, h10km
NNC 25 21:03:12.9±1.2, 40°37'N, 78°06'E, h0km, mb3.8, mpv3.5

KRNET 25 21:03:13.1±0.1, 40°40'N, 78°00'E, mb3.0
ISC 25 21:03:16.9±1.8, 40°52'N, 0°08:77'9E, 0.04, h10km, n60,

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

2013 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZHN, ZHN, IZV, etc.

1392

Table with columns: MRKS, Merke, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRKS, TDK, etc.

ISK 25 21:05:37.3, 35°10'N, 27°71'E, h9km, ML3.3/20
IDC 25 21:05:37.1±2.3, 35°16'N, 27°85'E, h0km, mb3.5/2,

ATH 25 21:05:39.1, 35°16'N, 27°71'E, h22km, 3km, ML3.0/1, Error
THE 25 21:05:40.3, 35°25'N, 27°68'E, h0km, 1km, ML2.9/3, Error

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

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

IOSP los island 2.50 309 P Pn 21 06 19.9 -0.2
GOLH Golhisar 2.54 355 P Pn 21 06 22.0 +1.2

GCAM G?zelcaim? 2.55 351 P Pn 21 06 22.0 +1.2
GCAM G?zelcaim? 2.55 351 P Pn 21 06 21.4 +0.6

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

IDC 25 21:09:51.8±7.2, 30°71'S, 178°39'W, h0km, mb3.5/2,
mb1 3.8/2, mb1mx3.5/35, mbtmp3.5/2, MS3.6/1, Ms1 3.6/1,

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

BGS 25 21:15:42±0.9, 47°49'N, 2°61'E, h10km, ML3.3
LDG 25 21:15:43±0.0, 47°56'N, 2°68'E, h4km, Md3.7, M13.6/58,

MLV3.5/20,MLV3.5/7
BGR 25 21:15:44.3-0.5,47.58N-2.74E,h10km,ML3.6/15,Error
ellipse: s-maj=6.7km s-min=5.6km az=169.0
ISC 25 21:15:41.9-0.9,47.57N-0.01-2.70E,0.02,h16km,8gkm,
n150,c1882/264,1D,France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Humbligny, Chambon-Foret, Saint Sauveur, etc.

Table with columns: LFF, RENF, MOF, VIVF, etc. Includes stations like La Frestale, Molkentrain, Saint-Julien-I, etc.

Table with columns: EPF, FRF, DAVA, SAOF, SBF, LMR, UBR, ETSF, etc. Includes stations like Esparros, La Foret Royal, Damuels, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRBN Karaburun, CESE eme, PRK Parakevi, etc.

ISC 25 23:49:47.1, 3.5, 9.47N, 85.67W, h0km, mb3.7/3, mb1 4.1/5, s-maj=54.1km s-min=13.5km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLVR Palo Verde, JTS Las Juntas de, etc.

ISCJB 25 23:53:48.9, 0.9, 12.74S, 0.08, 166.2E, 0.1, h59km, mb1/3, MS3.5/1, Error ellipse: s-maj=18.7km s-min=7.8km az=152.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR 43nm, etc.

SJA 25 23:59:45.1, 1.0, 24.15S, 67.46W, h179km, 11km, ML3.2, MW3.2
ISCJB 25 23:59:46.1, 0.4, 24.12S, 0.04, 67.48W, 0.04, h168km, 6km, mb3.6/2, Error ellipse: s-maj=7.3km s-min=4.6km az=38.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLA San Lorenzo, SLC Limon Verde, LVC Limon Verde, etc.

SVSA 26 00:12:21.9, 1.2, 38.21N, 29.80W, h10km, MD3.7, ML3.0, IC Error ellipse: s-maj=10.0km s-min=6.0km az=122.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CALA Caldeira, PCED Cedros, etc.

JMA 26 00:12:30.1, 0.1, 37.42N, 141.78E, h42km, 2km, M3.6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JMST Minamisoumatoc, etc.

ISCJB 26 00:21:37.1, 0.3, 7.68S, 0.03, 128.24E, 0.03, h151km, mb3.9/1, Error ellipse: s-maj=4.5km s-min=3.8km az=164.1

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

ISCJB 26 00:34:27.3, 2.3, 60.8S, 0.1, 2.9W, h10km, mb4.1/2, MS3.5/6, Error ellipse: s-maj=92.4km s-min=16.3km az=172.1

ISC 26 00:34:29.3, 2.9, 60.35S, 29.14W, h0km, mb4.0/2, mb1 4.0/2, mb1mx3.7/19, mbtmp4.0/2, MS3.6/6, Ms1 3.5/6, ms1mx3.5/4, Error ellipse: s-maj=84.5km s-min=80.7km az=44.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, etc.





Table with columns: Code, Station Name, Az, Alt, Op, P, ISC, Time, Res, I, h, m, s, ISC. Rows include stations like RAYN Ar Rayn, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Alt, Op, P, ISC, Time, Res, I, h, m, s, ISC. Rows include stations like BNI Bardonecchia, EKA Eskdalemuir, CNZ Changchun, etc.

Table with columns: Code, Station Name, Az, Alt, Op, P, ISC, Time, Res, I, h, m, s, ISC. Rows include stations like BORG Borgarnes, BORG Borgarnes, BORG Borgarnes, etc.

ISCJB 2601:18:19.5:0.7, 13:1N:0.1x51:02E:0.07, h16km, mb3.7/10, Error ellipse: s-maj=16.6km s-min=9.6km

IDC 2601:18:19.1:4, 13:02N:51.13E, h0km, mb3.7/10, mb1.3/9/11, mb1.3mx3.7/59, mbmp3.8/11, ML4.6/1, Error ellipse: s-maj=32.1km s-min=23.3km az=1.0

NEIC 2601:18:20.0:2.4, 13:2N:0.1x51:04E:0.04, h10km, n33, mb4.3/8

ISC 2601:18:20.9:0.8, 13:1N:0.1x51:05E:0.10, h16km, n33, s154/30, mb4/0/15, Eastern Gulf of Aden

Bull 2601:18:52.0:0.9, 57:60N:33:00W, h8km, mb5.3/58, mb5.4/41, Ms5.2/36, Ms7.4/36

IDC 2601:18:52.0:0.9, 57:44N:33:19W, h0km, mb4.9/51, Mb1.0/5/7, ms1mx5.0/60, mbmp4.9/57, ML4.4/6, MS4.7/41, Ms1.4/7/41, ms1mx4.7/45, Error ellipse: s-maj=11.1km s-min=7.8km az=180.0

MOS 2601:18:52.0:0.9, 57:51N:33:08W, h10km, mb5.4/148, MS4.9/64, Error ellipse: s-maj=5.9km s-min=5.0km az=139.1

ISCJB 2601:18:53.0:1.0, 57:46N:0.02:33:08W:0.01, h18km, ms5.1/223, MS4.8/108, Error ellipse: s-maj=2.6km s-min=1.1km az=175.0

NEIC 2601:18:54.6:2.1, 57:55N:0.07:33:01W:0.1, h10km, n2km, mb5.4/857, Ms5.2/0.5/160

GCMT 2601:18:54.3:0.1, 57:50N:0.01:33:01W:0.01, h12km, MW5.4/122, Moment Tensor Solution. s68.0/106, s122.0/240, Duration: 1s2 Moment tensor. Scale: 1017 Nm; Mn=0.85e-03; M0=0.63e-03; M1=1.48e-02; M2=0.44e-02; M3=0.84e-02; M4=0.11e-02; Best double couple: Mo:1.51000e+1017 NP1:236.00000e+062.00000e+13, -3.300000e+102. NP2:343.00000e+062.00000e+13, -148.00000e+102. Principal axes: T:1.7740, P:0.0000e+00, Azm:289.0000e+00; N:0.5270, P:0.0000e+00, Azm:20.0000e+00; -1.2470, P:0.0000e+00, Azm:199.0000e+00; nsta1 refers to body waves, cut-off=nsa2 refers to surface waves, cut-off=50s. Triangular moment-ratio function



26d 1h

2013 SEP

1400

Table with columns: Station, Frequency, Power, Class, Modulation, and other parameters. Includes stations like SALO, KSP, K57A, D52A, etc.

Table with columns: Station, Frequency, Power, Class, Modulation, and other parameters. Includes stations like MORC, K58A, M61A, L59A, etc.

Table with columns: Station, Frequency, Power, Class, Modulation, and other parameters. Includes stations like K56A, E48A, N60A, L57A, etc.

Table with columns for station call letters, frequency, polarization, and signal strength. Includes stations like N57A, AQU, O58A, M55A, M55A, M55A, P59A, S5PA, S5PA, K52A, MORH, MORH, N56A, ERPA, ERPA, ERPA, G47A, KWP, KWP, KWP, KWP, H48A, H48A, H48A, MCGM, MCGM, MCGM, Q60A, Q60A, BLY, BLY, BLY, O57A, KOLS, KOLS, KOLS, E44A, E44A, M54A, M54A, M54A, L53A, SDMD, SDMD, I49A, I49A, R61A, K51A, UZH, UZH, UZH, UZH, UZH, N55A, N55A, N55A, ALLY, ALLY, P58A, G46A, O56A, O56A, O56A, Q59A, H47A, I48A, F45A, LVV, LVV, LVV, GLMI, GLMI, GLMI, N54A, N54A, N54A, P57A, P57A.

Table with columns for station call letters, frequency, polarization, and signal strength. Includes stations like P57A, TRPA, TRPA, J49A, M53A, E43A, E43A, LTVH, LTVH, K50A, R60A, O55A, O58A, G45A, G45A, M52A, M52A, M52A, I47A, I47A, I47A, H46A, PAOL, PAOL, J48A, J48A, FRGS, P56A, R59A, D41A, D41A, Q57A, N53A, N53A, K48A, S60A, L50A, H45A, O54A, PLIO, MCWV, MCWV, I46A, R58A, M51A, S59A, K48A, DRGR, DRGR, P55A, Q56A, Q56A, B5AN, N52A, J47A, J47A, J47A, J47A, AAM, AAM, AAM, AAM, B5LL, R58B, R58B, B5Z, B5Z, T60A, F42A, F42A, O53A, R57A, RUDO, DIVS, L49A, P54A, BRY, I45A, N51A, N51A, N51A, ACER, M50A, M50A, M50A, J46A, S58A, S58A, S58A.

Table with columns for station call letters, frequency, polarization, and signal strength. Includes stations like COWI, COWI, Q55A, K47A, R56A, EYMN, EYMN, U61A, U61A, O52A, O52A, O52A, KEST, KEST, KEST, KEST, T59A, L48A, MDVR, BURAR, BURAR, BURAR, H43A, H43A, H43A, N50A, U60A, GZR, Q54A, Q54A, Q54A, K46A, PDG, PDG, PDG, O51A, HERR, AKASG, AKASG, AKASG, AKASG, R55A, R55A, CORL, CORL, V61A, V61A, DRME, P52A, ACSO, ACSO, ACSO, M48A, M48A, M48A, S56A, T58A, CLTB, CLTB, CLTB, U59A, U59A, U59A, N49A, N49A, N49A, Q53A, LOT, E38A, V60A, V60A, V60A, PRAR, ULM, ULM, ULM, ULM.

26d 1h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Rows include stations like Cable, Hurt, T57A, etc., ending with V58A Windy Hill, Pi.

2013 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Rows include stations like V58A Windy Hill, Pi, L44A Lakeland County, etc., ending with V55A Taylorsville.

1402

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Rows include stations like V55A Taylorsville, YKWB Yellowknife Ar, etc., ending with OLIL Olney.

Table with columns: Call ID, Name, Frequency, Mode, Power, SNR, and various status indicators. Includes entries like W53A Cullowhee, BG3 Lake Jocassee, AGG Agios Georgios, etc.

Table with columns: Call ID, Name, Frequency, Mode, Power, SNR, and various status indicators. Includes entries like 257A Skidaway Island, SWET Sewanee, Y52A Libburn, etc.

Table with columns: Call ID, Name, Frequency, Mode, Power, SNR, and various status indicators. Includes entries like LCAR Memphis-Engin, MET Lakeview Retre, LRAL Lakeview Retre, etc.

26d 1h

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like CBVY, VBMS, VBMS, CBKS, etc.

2013 SEP

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like NCK, NCK, FLWY, FLWY, DLMT, DLMT, etc.

1404

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like GLB, GLB, O20A, O20A, O20A, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MFID Camas Ranch, PV21 Cone Mtn., HIN Hinchenbrook I, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HSUJ Al Zarga, E03A Lebam, W4LD Rainier, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like M04C Macdoel, TX31 Lajitas Ar. Si, TX32 Lajitas Array, etc.





Table with columns: Station Name, Comp, Az, El, Res, etc. Includes stations like LZH, AQDB, GKN, KMBO, etc.

Table with columns: PPT2, TBI, PMSA, VNA3, SNA, SNA, SNA, HNR, WRA, WRA, DZM, MAW, MAW, AS31, ASAR, ASAR, QSPA, EIDS, FORT, URZ, ARMA, STKA, ATD, ATD, H0B2N, H0B2N, H0B2N, MKAR, CMAR, TORO, ESDC, NOA, SONM, WRA, etc.

Table with columns: Code, Station Name, Az, El, Res, etc. Includes stations like BHUJ, BHUJ, BSAR, WSAR, WSAR, HRA, HRA, THW, SARP, KBL, CEP, UOSS, UOSS, NIL, KUDL, KUDL, DHRM, DHRM, SMLA, SMLA, SMLA, SMLA, GEYT, JOSI, JOSI, JOSI, BTKN, BTKN, DANN, KK31, KKAR, KKAR, AAK, AAK, KDJ, PKIN, PKI, JIRN, RAYN, RAYN, ODAN, ABKAR, ABKAR, MAKZ, MAKZ, MK31, MK32, MKAR, MKAR, AKTO, AKTO, KBZ, KURB, KURB, KURK, KURK, BVAA, BVAA, BRVK, BRVK, MMAO, MMAO, MMAI, MMAI, CSS, CSS, ZALV, ZALV, ZAA1, ZAA1, SANT, AKASG, AKB, AKB, BURAR, BURAR, KWP, FIAO, FINES, GECC, GECC, GERES, GERES, STAL, STAL, LATE, LATE, KEST, KEST, ARAO, ARCES, NC62, NC62, NB200, NOA, TORO, TOA1, WRA, WRA, WRI, AS31, AS31, AS31, ASAR, etc.

Table with station codes (IL31, ILAR, etc.), station names (Eielson Array, etc.), and various parameters like frequency, phase, and time.

GUC 26:02:15-17.2.0.7, 33.70S-72.30W, h40km, gkm, ML3.6, Off coast of Central Chile

Table listing stations for GUC 26:02:15-17.2.0.7, including ROCH, GOOS, PEL, CLCH, LMEL, etc.

IDC 26:02:25:36.4.1.1, 57.25N-33.38W, h0km, mb3.8/10, mb1.3.9/12, mb1mx3.7/63, mbtmp3.8/12, ML3.4/2, Error ellipse: s-maj=27.8km s-min=18.6km az=18.0

ISCJB 26:02:25:39.0.4.0, 57.41N-0.06:33.24W, 0.09h, h16km, mb2.9/10, Error ellipse: s-maj=9.6km s-min=6.9km az=19.7

NEIC 26:02:25:39.2.2.3, 57.39N-0.09:33.28W, 0.10, h10km, 2km, mb4.4/8

ISC 26:02:25:39.9.0.6, 57.41N-0.08:33.30W, 0.07, h16km, n55, o126/51, mb4.2/18, Reykjanes Ridge

Main table for GUC 26:02:15-17.2.0.7, listing stations like BORG, ILULI, SUMG, EKA, NB2, etc.

ISC 26:02:26:02.3.0.8, 57.39N-33.25W, h0km, mb3.9/15, mb1.4.1/16, mb1mx3.9/63, mbtmp4.0/16, ML2.7/1, Error ellipse: s-maj=24.8km s-min=13.7km az=18.0

ISCJB 26:02:26:03.1.0.4, 57.44N-0.08:33.3W, 0.1, h16km, mb3.9/15, Error ellipse: s-maj=11.9km s-min=7.7km az=11.9

NEIC 26:02:26:04.0.2.1, 57.5N-0.1:33.4W, 0.2, h10km, 2km, mb4.4/8

ISC 26:02:26:04.7.0.6, 57.44N-0.1:33.36W, 0.08, h16km, n40, o1509/37, mb4.0/19, Reykjanes Ridge

Main table for ISC 26:02:26:02.3.0.8, listing stations like ANGG, BORG, SCHQ, etc.

Table listing stations for 2013 SEP, including F64A, ESDC, MDT, AKASA, etc.

ISCJB 26:02:31:05.30.5.7, 43N-10.33:2W, 0.1, h15km, mb3.7/9, MS3.9/4, Error ellipse: s-maj=14.7km s-min=9.0km az=15.7

IDC 26:02:31:05.2.0.9, 57.42N-33.16W, h0km, mb3.7/9, mb1.3.9/9, mb1mx3.6/67, mbtmp3.7/9, MS3.9/4, Ms1 4.0/4, ms1mx3.5/18, Error ellipse: s-maj=30.6km s-min=18.0km az=17.0

NEIC 26:02:31:06.1.1.4, 57.4N-0.2:33.1W, 0.2, h10km, 1km, mb4.0/5

ISC 26:02:31:07.1.0.7, 57.5N-0.1:33.18W, 0.09, h15km, n30, o594/26, mb3.8/9, MS3.9/4, Reykjanes Ridge

Main table for 2013 SEP, listing stations like NRS, SUMG, SKHO, etc.

IDC 26:02:32:07.0.6.5, 73.4N-32.82W, h0km, mb4.2/24, mb1.4.3/29, mb1mx4.1/71, mbtmp4.2/29, ML3.6/5, MS4.1/7, Ms1 4.2/7, ms1mx3.9/19, Error ellipse: s-maj=16.1km s-min=11.5km az=180.0

MOS 26:02:32:08.3.1.1, 57.45N-32.92W, h10km, mb4.9/27, MS4.3/5, Error ellipse: s-maj=10.2km s-min=7.8km az=65.8

ISCJB 26:02:32:09.2.0.2, 57.49N-0.04:32.93W, 0.04, h15km, mb4.5/61, MS4.3/21, Error ellipse: s-maj=6.1km

GCMT 26:02:32:09.2.0.7, 57.39N-0.05:32.96W, 0.04, h12km, MV4.9/75, Moment Tensor Solution. s12,c12: s75,c108; Duration: 0 Moment tensor: Scale 10^19Nm; Mr: 2.32e12; Mw: 0.17e14; Ms: 2.49e18; Ms: 0.06e6; Mw: 0.42e10; Mw: 0.82e40; Best double couple: M2: 56600x1016 Np1: 7.00000; s55.00000; l-92.00000; Np2: s191.00000; s35.00000; A-87.00000; Principal axes: T 2.7030, P1g10.0000, Azm99.0000; N-0.2320, P1g2.0000, Azm8.0000; P-2.4690, P1g80.0000, Azm268.0000; ns1a refers to body waves, cutoff=40s. ns2a refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26:02:32.0.0.2.1, 57.46N-0.08:32.9W, 0.1, h10km, 3km, mb4.8/65

BUI 26:02:32.10.3.0.0, 58.23N-32.82W, h6km, mb4.8/31, mb5.1/23, Ms4.8/7, Ms1.5/7

ISC 26:02:32.10.8.0.0, 58.23N-32.82W, 0.05, h15km, n205, o1843/194, mb4.7/109, MS4.3/21, AC-1D, Reykjanes Ridge

Main table for 2013 SEP, listing stations like ANGG, BORG, SCHQ, etc.

Table listing stations for 1408, including SFJD, Kangerlussuaq, etc.

ISCJB 26:02:32:09.2.0.2, 57.49N-0.04:32.93W, 0.04, h15km, mb4.5/61, MS4.3/21, Error ellipse: s-maj=6.1km

GCMT 26:02:32:09.2.0.7, 57.39N-0.05:32.96W, 0.04, h12km, MV4.9/75, Moment Tensor Solution. s12,c12: s75,c108; Duration: 0 Moment tensor: Scale 10^19Nm; Mr: 2.32e12; Mw: 0.17e14; Ms: 2.49e18; Ms: 0.06e6; Mw: 0.42e10; Mw: 0.82e40; Best double couple: M2: 56600x1016 Np1: 7.00000; s55.00000; l-92.00000; Np2: s191.00000; s35.00000; A-87.00000; Principal axes: T 2.7030, P1g10.0000, Azm99.0000; N-0.2320, P1g2.0000, Azm8.0000; P-2.4690, P1g80.0000, Azm268.0000; ns1a refers to body waves, cutoff=40s. ns2a refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26:02:32.0.0.2.1, 57.46N-0.08:32.9W, 0.1, h10km, 3km, mb4.8/65

BUI 26:02:32.10.3.0.0, 58.23N-32.82W, h6km, mb4.8/31, mb5.1/23, Ms4.8/7, Ms1.5/7

ISC 26:02:32.10.8.0.0, 58.23N-32.82W, 0.05, h15km, n205, o1843/194, mb4.7/109, MS4.3/21, AC-1D, Reykjanes Ridge

Main table for 1408, listing stations like SFJD, Kangerlussuaq, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like Lac du Bonnet, Obninsk, Moscow, Arkdale, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like Lajitas Array, Karatay Array, El Rosal, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like Antillo, Novara, Augustus, etc.



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WTTA Wattenberg, MMAI Mount Merton Arr, SOTA Sankt Quirin, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SAMH Samovar Hills, YUK6 Outpost Mounta, YUK6 MESA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LOHW Long Hollow, ELK Elko, ELK Elko, etc.

ISCJB 26:02:35:33.2,0.2,55:88N:01:02:135:69W:0.05,h14km,mb4.2/20,MS3.5/1. Error ellipse: s-maj=4.6km s-min=2.0km az=140.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRAK Wrangell Island, NDB Naden, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EPYK Eagle Plains, TRF Thorofare Mount, WRH Wood River Hill, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HWC Hagersen Arr, FIAO FINESSE Arr S, FINES FINESSE Arr S, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DLBC Dease Lake, DLBC Dawson Inlet, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WMQ Urumqi, ASKAR Akbulak array, etc.

ISCJB 26:02:53:03.7,0.9,57:2N:01:23:87W:0.2,h10km,mb3.5/8,MS3.4/9, Error ellipse: s-maj=26.3km s-min=16.4km az=21.2

26d 3h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DAVOX Davos/Dischmat, GERES GERESS Array B, KEST Kesra, etc.

IDC 26 02:55:34.8: 1.7, 38:30N;43:71E, h0km, mb3.6/6, mb1 3.6/8, mb1mx3.5/4, mbtmp3.5/8, ML3.1/2, MS3.5/1, Ms1 3.5/1, ms1mx2.7/2, Error ellipse: s-maj=27.9km s-min=20.8km az=15.0

NSSP 26 02:55:35.8: 38.87N;43:57E, h6km, Ms4.0, TEH 26 02:55:36.5: 38.86N;43:54E, h8km, ML3.9, ISK 26 02:55:36.1: 38.84N;43:58E, h5km, ML4.0/19, ISCJB 26 02:55:37.0: 38.90N;01:43:60E;0.2, h5km, 2km, mb3.5/7, MS3.4/1, Error ellipse: s-maj=2.0km s-min=1.9km az=149.4

NEIC 26 02:55:37.6: 4.5, 38:84N;0:02:43:50E;0:04, h6km, 7km DDA 26 02:55:37.0: 38.86N;43:53E, h15km, 3km, ML4.0, AZER 26 02:55:37.0: 6.6, 39.05N;43:67E, h7km, m13.8/24, Error ellipse: s-maj=5.4km s-min=4.3km az=2.0

ISC 26 02:55:37.6: 0.3, 38:96N;01:43:56E;0:01, h9km, 6km, n221, r1587/259, mb3.5/7, 17C-2D, Turkey

Main station list table for 26d 3h, including stations like VMUR Van-Muradiye, YVAN Van-Muradiye, YVAN Van-Muradiye, etc.

2013 SEP

Main station list table for 2013 SEP, including stations like MUMS Mu-Merkez, MUMS MUMS, MUMS Mu-Merkez, etc.

1412

Main station list table for 1412, including stations like XNQ SNR=4.9, PQL Pirkulii, PQL Pirkulii, etc.

IDC 26 03:02:22.3: 2.4, 1:25S;129:31E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.5/29, mbtmp3.4/4, ML3.4/1, MS3.6/2, Ms1 3.6/2, ms1mx2.9/22, Error ellipse: s-maj=121.9km s-min=24.1km az=64.0, Halmahera

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

UCR 26 03:10:26.2: 6.1, 9:848N;82:99W, h20km, 6km, MW3.5, 1C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PTJ1 Puerto Jimenez, PTVJ San Vito, PTVJ San Vito, etc.

Table with columns: HDG, ARE1, CEDE, JTS, PLVR, BCIP, HDG, ARE1, ARE1, CEDE, CEDE, JTS, JTS, PLVR, BCIP. Includes station names like Heredia, Arenal 1, Laguna Cedeo, Las Juntas de, Las Juntas de, Palo Verde, Isla Barro Col.

NEIC 26 03:42:11.8, 1.7, 16:10S=0:09:74:65W, 0:10, h37km, 14km, mb4.6/7, ML4.4(ARE), Near coast of Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nana, Minye Minye, IPOC Station P, La Paz, Chusmiza, IPOC Station P, IPOC Station P, Limon Verde, Samuel, Pitinga, Acopya, ACON, JAKH, JEU, St. Eustatius, Brewton, Rowland, New Hope, Rowland.

MEX 26 03:57:54.6:0.5, 16:45N-93:84W, h123km, 4km, MD3.7, Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGIC, PCIG, CMIG, Comitan, THIG.

MEX 26 04:06:20.1±0.7, 16:13N-98:59W, h9km±12km, MD3.8, Near coast of Guerrero

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

IDC 26 04:14:09.9:2.9, 57:32N-32:86W, h0km, mb3.4/4, mb1.3/8.4, mb1mx3.4/4, mbtmp3.4/4, MS2.9/1, Ms1 3.0/1, ms1mx2.6/2.3, Error ellipse: s-maj=70.3km s-min=49.2km az=158.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESDC, YKA, ILAR, PDAR, TXAR, ASAR.

IDC 26 04:16:45.5:2.5, 46:25N-154:44E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.5/49, mbtmp3.6/5, ML2.6/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/38, Error ellipse: s-maj=63.2km s-min=33.4km az=175.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK, JNU, H112, H111, H113, H111, H113, H111, H113, H112, ILAR, MKAR, FINES, TXAR.

IDC 26 04:19:28.9:1.9, 2:12N-127:78E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/41, mbtmp3.7/4, Error ellipse: s-maj=105.8km s-min=23.2km az=70.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, MKAR.

IGQ 26 04:20:54.0:0.6, 1°N-5°79'W, h1km, MLV3.6, Colombia-Ecuador border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAC1, COTA, CUIC, URCU, CUSW, PULU, IMBA, AIB2.

Table with columns: YAHU, YANA, TERV, GGP, GCG, ASDO, CAVA, MAGI, PITA, ANTG, ANTS, ANTA, NASZ, VC1, VN1, BTAM, COVI, REVS, CASO, PISC, BMAS. Includes station names like Yahuarcocha, Yana, Terraza Guagua, Refugio Guagua, Guagua Pichin, San Domingo, Cayambe, Magdalena, Cotopaxi Volc, Antisana-Guama, Antisana-Sarah, Antisana-La Mi, Nasa, Cotopaxi 1, Cotopaxi 2, Cotopaxi Volca, Cotopaxi Volc, Reventador Sur, Dorado de Casc, Pisayambo, Trigal station.

NNC 26 04:25:54.2, 3.5, 40:78N-70:54E, h0km, mb3.2, mpv3.0, Error ellipse: s-maj=26.9km s-min=13.5km az=24.0

KRNET 26 04:25:56.8:0.1, 41:35N-69:80E, mb2.8
ISCJB 26 04:26:01.9:1.1, 41:19N-0:07:70:03E-0:08, h33km, Error ellipse: s-maj=10.6km s-min=8.2km az=9.6
ISC 26 04:26:06.1:1.6, 41:16N-0:05:70:27E-0:07, h35km, n15, az=264/20, 12C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IUG, IUG, BTK, BTK, ARK, ARK, BRLS, BRLS, KK31, ARSB, ARSB, MRKS, MRKS, AML, AML, EKS2, EKS2, ARLS, ARLS, UCH, UCH, AAK, AAK, SGDS, SGDS, TKM2, TKM2, BTLS, BTLS.

MAN 26 04:53:21.9, 16:36N-122:19E, h11km, mb4.7, ML3.6, MS3.5, TC, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAUP, BALP, CVP, SMP, APY, ABRA, BOLP.

IDC 26 04:57:45.7, 4:52N-126:51E, h3km, mb5.1, ML4.0, MS4.1, MAN 26 04:57:53.0:1.9, 4:46N-126:75E, h132km±25km, mb3.3/5, mb1 3.5/6, mb1mx3.2/47, mbtmp3.8/6, Error ellipse: s-maj=80.1km s-min=17.4km az=64.0

ISC 26 04:57:40.9:1.1, 4:35N-108:126.8E-0:2, h10km, n15, az=219/16, mb3.6/5, 2D, Talau Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDMP, GSPH, MATI, DAV, SKMP, KCP, CTB, BUKP, CGP, PAGZ, FITZ, WRA, ASAR, CMAR, MKAR.

SNET 26 05:06:06.3:1.3, 13:44N-89:89W, h48km, 14km, ML2.3, GCG 26 05:06:07.0:2.0, 13:38N-90:15W, h3km, 59km, MD3.3

ISC 26 05:06:04.8:2.4, 13:38N-90:15W, h32km±13km, n11, az=62/20, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEVE, CEVE, SBL, SBL, SNU, SNU, RTR, RTR, MOYG, MOYG, MOYG, MOYG, PAV, PAV, IXPaco.

Table with columns: IXG, IXG, COEG, COEG, MTO3, FUG, IXPaco, Centro de Oper, Montecristo, Fuego 3. Includes station names like Ixpaco, Centro de Oper, Montecristo, Fuego 3.

ISCJB 26 05:10:02.0:1.5, 23:6S-0:2:180:0E-0.2, h532km, mb3.7/5, Error ellipse: s-maj=25.6km s-min=20.5km az=149.6

IDC 26 05:10:04.2:2.9, 23:60S-179:91W, h553km, 39km, mb3.1/5, mb1 3.2/6, mb1mx3.0/23, mbtmp4.1/6, Error ellipse: s-maj=38.8km s-min=20.9km az=148.0
ISC 26 05:10:02.1:1.4, 23:6S-0:2:179:9W-0.2, h532km, n8, az=097/10, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, URZ, RPZ, RPZ, STKA, STKA, ASAR, ASAR, WRA, WRA, PETK, PETK, AKASG, AKASG, BRTR, BRTR.

IDC 26 05:12:43.5:2.6, 56:46N-35:34W, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/37, mbtmp3.4/3, MS2.9/3, Ms1 2.9/3, ms1mx2.6/23, Error ellipse: s-maj=173.8km s-min=27.3km az=46.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOA, ESDC, YKA, ARU, ILAR, TORD, H10N2, H10N3, H10N1, H10S1, H10S2, ASAR.

WEL 26 05:23:47.5, 39:2S-2:178E, h24km±6km, M3.8/22, ML4.2/13, MLV3.8/22, Error ellipse: s-maj=0.0km s-min=0.0km az=93.1, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MHGZ, KNZ, PRGZ, WHZ, ARH, CKHZ, CKHZ, RAHZ, RAHZ, NMHZ, KAHZ, MCHZ, MTHZ, RAGZ, TKGZ, CNZG, RTZ, PXZ, BKZ, MWZ, MWZ, KWHZ, KRHZ, MUGZ, MRHZ, TWGZ, URZ, PUZ, BHHZ, ALRZ, HATZ, RRRZ, PKGZ, EDJRZ, TARZ, WNGZ, RITZ, MOVZ, DVHZ, HAZ, TAPZ, WHRZ, RATZ, TUVZ, KRVZ, WGTZ, FWVZ, TRVZ, KUTZ, OPRZ, THWZ, PRWZ, PKVZ, TRWZ, MWZ, TMMWZ, VRZ.



Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HIZ, GWGZ, TRWZ, etc.

KRSC 26 05:27:12.6±1.5, 58.45N, 160.90E, h4km±21km, ML4.0, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SRKR, BDR, SMKR, etc.

IS/CJB 26 05:30:04.6±0.4, 23.98N, 0.03, 93.22E, 0.04, h64km±4km, mb4.0/8, Error ellipse: s-maj=5.8km s-min=5.2km az=136.2

NEIC 26 05:30:05.7±1.2, 23.86N, 0.10, 93.3E, 0.1, h56km±7km, mb4.6/16

IDC 26 05:30:06.4±4.7, 23.86N, 93.14E, h58km, 43km, mb3.8/8, mb1.3/9, mb1mx3.5/47, mbtrmp3.4/4, ML4.3/1, MSZ.5/1, Ms1.2/7.1, ms1mx2.3/39, Error ellipse: s-maj=62.1km s-min=14.2km az=60.0

NDI 26 05:30:06.7±1.8, 24.14N, 93.17E, h31km, 7km, ML3.5

ISC 26 05:30:06.0±0.9, 24.04N, 0.04, 93.20E, 0.05, h63km, 9km, n53, az=117/3, mb4.3/14, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AZL, IMP, SAIH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ITAN, LSA, TAPN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, PKI, PKIN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONAO, SONM, SOYJ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDJ, ABKAR, XMS, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSAC2, WRA, WR1, etc.

IDC 26 05:32:22.6±3.2, 27.73N, 111.76W, h0km, mb3.4/1, mb1.3/9, mb1mx3.6/28, mbtrmp3.4/4, ML4.1/2, MS3.3/7, HSIG comp=Z, 2.3nm, 0.9s, baz=100, slow=5.7, SNR=3.0 s-min=15.7km az=16.0

ECX 26 05:32:22.4±0.6, 27.99N, 112.00W, h6km, MD3.5

IS/CJB 26 05:32:23.1±0.9, 27.79N, 0.07, 111.74W, 0.07, h16km±12km, mb3.2/1, MS3.1/5, Error ellipse: s-maj=13.7km s-min=7.0km az=140.0

MEX 26 05:32:24.9±0.9, 27.81N, 111.90W, h10km, MD3.9

ISC 26 05:32:23.2±1.6, 27.80N, 0.08, 111.85W, 0.06, h9km±13km, n14, az=04/17, MS3.3/5, Gulf of California

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

GUC 26 05:41:26.7±0.7, 30.00S, 71.54W, h42km±3km, ML3.6, 2C-10, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LSCH, LCO, COO2, etc.

JMA 26 05:44:16.3±6.7, 2N, 140.62E, h8km, M3.6, 7C-1D Broadband fault plane solution: P waves, NP1:  $\phi=236.00000^\circ, \delta=47.00000^\circ, \lambda=79.00000^\circ$ ; NP2:  $\phi=40.00000^\circ, \delta=45.00000^\circ, \lambda=10.00000^\circ$ . Principal axes: T Plg1.00000°, Azm318.00000°, N Plg8.00000°, Azm48.00000°, Azm318.00000°, Azm221.00000°. Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO, JFFD, JHYU, etc.

ISC 26 05:48:56.7±2.3, 51.53N, 0.09, 16.40E, 0.08, h0km, n12, az=111/26, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP, CHVC, UPC, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVCC, BRG, GOPC, etc.

MEX 26 06:01:32.3±1.1, 17.52N, 99.67W, h81km±14km, MD3.7, Guerrero

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

SJA 26 06:02:09.7±0.8, 31.69S, 70.36W, h103km±12km, ML3.1, MW3.1

ISC/JB 26 06:02:10.5±1.0, 31.77S, 0.03, 70.31W, 0.05, h119km±10km, Error ellipse: s-maj=6.4km s-min=5.2km az=175.7

GUC 26 06:02:10.6±0.7, 31.79S, 70.45W, h119km±6km, ML3.6

ISC 26 06:02:11.0±0.2, 31.77S, 0.04, 70.31W, 0.05, h117km±20km, n14, az=04/26, 2C-20, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COO2, ROCH, ROCI, etc.

ISC/JB 26 06:25:59.3±0.6, 2.10S, 0.09, 125.94E, 0.05, h36km±5km, mb4.0/6, Error ellipse: s-maj=16.1km s-min=8.4km az=168.7

DJA 26 06:26:00.6±0.7, 2.15S, 15.12E, h14km±4km, M4.3/6, mb4.2/2, MLv4.0/6, Mw(MB)4.2/2

IDC 26 06:26:01.9±2.5, 15S, 125.94E, h42km±25km, mb3.8/6, mb1.3/9, mb1mx3.6/38, mbtrmp3.4/4, ML4.0/3, Error ellipse: s-maj=19.8km s-min=18.1km az=64.0

ISC 26 06:26:00.6±0.9, 2.15S, 0.1, 125.91E, 0.08, h27km±6km, n15, az=129/18, mb3.9/6, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANI, MSAI, APSI, etc.

UCR 26 06:45:47.2±4.1, 15.29N, 94.62W, h20km, 993km, MW5.4

MEX 26 06:46:01.7±0.6, 18.33N, 93.63W, h8km, 14km, MD5.6

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



26d 6h

2013 SEP

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Table with columns: Station, Time, Status, Direction, Speed, etc. Includes stations like Leonard, Calhoun, Willow, etc.

Table with columns: Station, Time, Status, Direction, Speed, etc. Includes stations like Santo Domingo, White Oak, Cherokee Point, etc.

Table with columns: Station, Time, Status, Direction, Speed, etc. Includes stations like Wyandotte Cave, Trinidad, Sparta, etc.





Table containing station call letters, names, frequencies, powers, and other technical details (e.g., H17A Grant Village, L63A North Situate, LKWV Lake, etc.).

Table containing station call letters, names, frequencies, powers, and other technical details (e.g., D52A ZEK Kipawa Sen, DLMT Dillon, ALFO Alfred, etc.).

Table containing station call letters, names, frequencies, powers, and other technical details (e.g., PINE Pine Mountain, MATO Matagami, G08A Pilot Rock, etc.).







Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PSZ, KWP, KOLS, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like DL2, MKAR, HHC, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KMI, QIZ, SHL, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical data. Includes stations like KIWB, KIKV, KIMD, Kanaga Island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical data. Includes stations like TXAR, KURK, DELCO, Makanchi Array, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical data. Includes stations like LRAL, Lakeview Retre, Cane Creek, Waverly Hall, etc.

26d 9h

Table with columns: ID, Station Name, Time, Res, Phase, ID, Time, Res, ISC. Includes stations like Sharon Grove, Jamestown, Kings Mountain, etc.

2013 SEP

Table with columns: Code, Station Name, Res, Δ°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like ELK Elko, NV01 Mina Array Sit, etc.

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Table with columns: Code, Station Name, Res, Δ°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like DJR JarKent, DJR JarKent, etc.

CGC 26 08:06:30.1±0.5, 15.09N, 93.36W, h94km±131km, MD4.2, Near coast of Chiapas...
Code Station Name Δ° AZ° Phase ID Time Res ISC
FUG Fuego 3 2.52 104 Op Pn 08 07 10.3 +0.6
FUG FUG 08 07 41.4 +1.8
IXG Ixpaco 2.97 107 eP Sn 08 07 16.2 +0.7
IXG IXG 08 07 52.2 +1.7
MOYG Moyuta, Jutiap 3.34 108 eP Sn 08 07 21.4 +0.9
MOYG MOYG 08 08 01.7 +2.3

KRSC 26 09:04:51.6±1.2, 60.51N, 166.63E, h27km±7km, ML4.7, FELT [IV-V] at foreland Konohval, Tillichki,
IDC 26 09:04:51.1±0.6, 60.67N, 166.17E, h0km, mb3.9/20, mb1.4/20, mb1mx3.0/48, mbtmp3.9/20, MS3.3/7,
Ms1.3/4.7, ms1mx3.0/42, Error ellipse: s-maj=21.1km s-min=12.0km az=165.0°
MOS 26 09:04:53.3±1.1, 60.59N, 166.30E, h21km, mb4.3/7, Error ellipse: s-maj=14.5km s-min=5.3km az=74.3°
ISCJB 26 09:04:54.1±0.6, 60.59N, 166.27E, h0.06, h27km, 4km, mb4.0/25, MS3.3/5, Error ellipse: s-maj=6.6km s-min=3.6km az=135.8°
NEIC 26 09:04:55.5±2.2, 60.45N, 167.07E, h166.5E, 0.1, h21km, 4km, mb4.3/42
ISC 26 09:04:54.7±1.0, 60.62N, 166.28E, h20km±3km, n134, s144/129, mb4.2/39, MS3.3/5, 2C-10, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OSSR, PALN, KBB, KBBG, SMKR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAJO, MJAR, YKA, SONAO, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIL, KBL, BHK, DHRM, etc.

26d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASGA, CSS Mathiatis, KSHET, etc.

MEX 26 09:50:49.2±1.0, 27.78N±1.11, 87W, h10km, MD3.5, Gulf of California

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

KRNET 26 09:53:25.4±0.1, 39.59N±75.81E, mb3.4, SOME 26 09:53:26.5, 39.85N±75.30E, h0km, NNC 26 09:53:29.0±0.9, 39.92N±75.35E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=7.1km s-min=4.4km az=158.0, ISC 26 09:53:31.3±2.0, 40.00N±0.07, 75.36E±0.03, h19km, 3km, ns2, ±171/83, 30C-9D, Kyrgyzstan-Xinjiang border region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NRN Naryn, ARLS Aral, KZA Kyzart, etc.

2013 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRKS 22nm,0.4s, DGS Degeres, DGS 12nm,0.5s, etc.

KRNET 26 09:58:40.8±0.1, 41.20N±69.81E, mb2.6, ISCJB 26 09:58:41.2±1.7, 41.21N±0.06, 69.91E±0.1, h10km, Error ellipse: s-maj=14.3km s-min=8.2km az=1.0, ISC 26 09:58:43.1±2.1, 41.13N±0.07, 70.0E±0.1, h10km, ns5, ±084/9, 9C, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTK Batken, ARK Arkit, ARK Arkat, etc.

GCG 26 10:01:45.5±0.7, 15.22N±92.50W, h21km, 999km, MD4.1, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUG Fuego 3, IXG Ixpaco, MOYG Moyuta, etc.

DDA 26 10:11:44.3, 39.25N±42.35E, h18km, 2km, ML3.5, ISK 26 10:11:44.2, 39.25N±42.33E, h7km, ML3.4/19, NSPP 26 10:11:44.1, 39.30N±42.37E, h10km, Ms3.2, ISC 26 10:11:44.9±0.8, 39.26N±0.02, 42.36E±0.02, h17km, 6km, ns6, ±098/76, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLAZ Malazgirt-MUS, EKAR Karacaban, ADCV Bitlis-Adilcev, etc.

1426

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VANB Van, AKDM Akdamar-Van, DYDN Diyadin, etc.

ISCJB 26 10:13:37.4±0.6, 28.00N±0.06, 140.3E±0.1, h400km, mb3.3/6, Error ellipse: s-maj=14.8km s-min=6.5km az=160.2, IDC 26 10:13:38.1±0.8, 27.91N±140.17E, h391km, 9km, mb3.0/6, mb1 3.2/9, mb1mx2.9/52, mbtmp3.9/9, Error ellipse: s-maj=26.3km s-min=15.5km az=71.0, JMA 26 10:13:39.8±0.1, 28.17N±140.42E, h382km, M3.8, ISC 26 10:13:38.6±0.7, 28.04N±0.08, 140.4E±0.1, h400km, n15, ±163/20, mb3.3/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBUJ Chichi jima, CBUJ Chichijima, JCHJ Haha-jima-NKT2, etc.

JMA 26 10:16:31.6, 24.08N±121.68E, h60km±1km, M2.9, ISCJB 26 10:16:32.4±0.3, 24.13N±121.75E±0.02, h59km±5km, Error ellipse: s-maj=3.0km s-min=1.9km az=39.6, TAP 26 10:16:32.5, 24.13N±121.68E, h59km, ML3.5, B, ISC 26 10:16:32.9±1.2, 24.13N±121.73E±0.02, h55km±5km, n97, ±095/174, 1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWD Chiawan, TWD Chiawan, NACB Ninganchiao, etc.

Table of station data for the left column, including call signs, frequencies, and coordinates.

Table of station data for the middle column, including call signs, frequencies, and coordinates.

Table of station data for the right column, including call signs, frequencies, and coordinates.

Table with columns: NOA, NORARS Array B, TXAR, ASAR, ESCD. Includes station names, coordinates, and technical details.

ISCJB 26 10:48:25.8, 1.4, 201N, 0104.9357W, 0.04, h15km, 10km, mb4.1/9, MS3.5/6, Error ellipse: s-maj=8.0km s-min=4.4km az=32.7

GCG 26 10:48:25.6, 0.7, 14.37N, 93.55W, h0km, 207km, MD4.5 MEX 26 10:48:26.3, 0.8, 14.05N, 93.60W, h6km, 16km, MD4.3 NEIC 26 10:48:31.3, 2.9, 14.39N, 0107.9348W, 0.02, h35km, 5km, mb4.3/57, Md4.3(MEX)

IDC 26 10:48:35.8, 4.0, 14.60N, 93.12W, h68km, 29km, mb3.8/9, mb1.4, 1/12, mb1mx3, 7/44, mbtmp4, 1/12, ML6.3, MS3.4/9, Ms1.3, 4/9, ms1mx3, 2/29, Error ellipse: s-maj=40.9km s-min=22.6km

SNET 26 10:48:36.6, 1.3, 14.16N, 92.86W, h3km, 100km, ML4.1 ISC 26 10:48:29.8, 1.1, 14.27N, 0106.96351W, 0.04, h28km, 7km, n96, e203/89, mb4.3/33, MS3.6/6, Near coast of Chiapas

Main station list table for the 26 11h section, including station names, coordinates, and technical details.

Table with columns: TPWA, MOOV, IMW, ULM, PTGA, MSO, C09A, LON, SCHO, YKRB, YKA, YKA, YKWB, PEL, RES, ILAR, ILAR, RND, BMAR, ESCD, NB20, NOA, FINES, AKASO, LZH, LZH, CMAR, CMAR. Includes station names, coordinates, and technical details.

TIF 26 11:17:28.0, 42.36N, 140.95E, h43km, 1km NOR 26 11:17:30.0, 0.0, 42.56N, 141.33E, h5km, MPVA3.4 DDA 26 11:17:43.8, 41.55N, 141.87E, h7km, 7km, ML2.4 ISC 26 11:17:27.2, 2.3, 42.39N, 0104.410E, 0.10, h3km, 13km, n14, e046/25, Western Caucasus

BJI 26 11:23:47.8, 0.0, 21.42S, 178.67W, h607km, mb4.7/15, mb5.1/11 ISCJB 26 11:23:48.7, 0.3, 21.77S, 0105.179, 38W, 0.06, h602km, mb4.2/24, Error ellipse: s-maj=7.7km s-min=5.8km az=165.4

IDC 26 11:23:49.8, 1.2, 21.66S, 179.42W, h603km, 14km, mb3.7/20, mb1.3, 9/21, mb1mx3, 9/28, mbtmp4, 6/21, Error ellipse: s-maj=15.0km s-min=9.7km az=158.0 NEIC 26 11:23:50.4, 1.3, 21.75S, 0117.97W, 0.01, h606km, 6km, mb4.6/37

ISC 26 11:23:49.5, 0.4, 21.76S, 0107.179, 35W, 0.07, h602km, n111, e143/117, mb4.5/37, 3C-2D, Fiji Islands region

Main station list table for the 2013 SEP section, including station names, coordinates, and technical details.

Table with columns: LPK, ZEDA, FOCM, KRBN, ENEZ, CHOS, CHOS, CHOS, BALLY, BALLY, ALN, ALN, ALN, ALN, ALN, URLA, URLA, URLA, URLA, GONE, RSKY, RSKY, RSKY, THAS, THAS, TRMS, TRMS, MRMT, RDO, RDO, RDO, RDO. Includes station names, coordinates, and technical details.

ISCJB 26 11:23:48.7, 0.3, 21.77S, 0105.179, 38W, 0.06, h602km, mb4.2/24, Error ellipse: s-maj=7.7km s-min=5.8km az=165.4

IDC 26 11:23:49.8, 1.2, 21.66S, 179.42W, h603km, 14km, mb3.7/20, mb1.3, 9/21, mb1mx3, 9/28, mbtmp4, 6/21, Error ellipse: s-maj=15.0km s-min=9.7km az=158.0 NEIC 26 11:23:50.4, 1.3, 21.75S, 0117.97W, 0.01, h606km, 6km, mb4.6/37

ISC 26 11:23:49.5, 0.4, 21.76S, 0107.179, 35W, 0.07, h602km, n111, e143/117, mb4.5/37, 3C-2D, Fiji Islands region

Main station list table for the 1428 section, including station names, coordinates, and technical details.





26d 12h

Table with columns: SOI, Santa Cesarea, Taranto Scilla, Monte Sirino, Massafra Palizzi, Ceglie Messapi, Matera, Montesano sul, Monticello, Noci, Antennamare, Bulgheria-Ca. Includes station codes, names, coordinates, and status.

2013 SEP

Main table listing stations from Bulgaria (BULG) to Greece (GRC), including station names, coordinates, and status.

1430

Table listing stations from HVAR to VLY, including station names, coordinates, and status.

Station information: IDC 26 11:46:58.6±1.4, 8.44S; 125°24E, h0km, mb3.7/2, mb1 4.1/6, mb1mx3.8/38, mbtmp3.9/6, ML4.1/4, Error ellipse: s-maj=45.4km s-min=22.0km az=82.0, Timor region.

Table listing stations from BATI to MKAR, including station names, coordinates, and status.

Station information: IDC 26 11:59:05.9±0.9, 2.77°96N; 141°17E, h0km, mb3.9/11, mb1 4.1/12, mb1mx3.9/42, mbtmp3.9/12, ML2.7/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/44, Error ellipse: s-maj=32.2km s-min=17.3km az=89.0.

Station information: JMA 26 11:59:08.6±0.1, 2.77°8N; 141°05E, h67km, MA.2. ISCBJ 26 11:59:09.0±0.7, 2.77°92N; 0.08°141.2E±0.1, h50km, mb3.9/11, MS3.3/1, Error ellipse: s-maj=20.0km s-min=5.0km az=150.5.

Station information: IDC 26 11:59:12.1±0.9, 2.791N; 0.10°141.3E±0.2, h50km, n27, r199623, mb4.0/11, Bonin Islands region.

Table listing stations from CBJ to TXAR, including station names, coordinates, and status.

Station information: ISK 26 12:01:04.4, 38°70N; 38°96E, h22km, ML2.4/4. ISCBJ 26 12:01:05.4±0.5, 38°74N; 0.03°38°96E±0.04, h6km±8km, Error ellipse: s-maj=5.5km s-min=4.6km az=0.2. DDA 26 12:01:05.1, 38°74N; 38°97E, h7km±3km, ML2.5.

Table listing stations from ELZG to KELY, including station names, coordinates, and status.



Table listing station names (e.g., MORF, PNCL, ALMR), coordinates, and various status flags (e.g., ePn, Sn) for the 26d 15h period.

Table listing station names (e.g., OUK, EPON, ESCD), coordinates, and various status flags for the 2013 SEP period.

Table listing station names (e.g., CFA, CFA, RCTV), coordinates, and various status flags for the 1432 period.

TLIG Tlapa 2.18 32z i Pn 15 00 47.1 -3.5
TLIG i S Sn 15 01 13.8 -4.2

IDC 26 15:19:16.3z.5.38.75N:142.98E, h0km, mb3.3/2,
mb1 3.5/6, mb1mx3.2/50, mbmtmp3.3/3, ML2.7/1, Error
ellipse: s-maj=48.0km s-min=40.0km az=60.0

ISCJB 26 15:19:30.2z.0.9.38.69N:103.141.68E, h0.08, h57km, 5km,
mb3.3/2, Error ellipse: s-maj=11.0km s-min=5.6km az=6.5

JMA 26 15:19:30.8, 38.71N:141.66E, h55km, 1km, M3.4

JMA Feit 1 J1

ISC 26 15:19:30.4.1.5.38.70N:104.141.72E, h0.09, h55km, 8km,
n22, e057/27, Near east coast of eastern Honshu

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

ISCJB 26 15:25:10.6z.0.6.27.03N:0.08.65.41E, h0.08, h10km,
mb3.8/8, MS3.0/9, Error ellipse: s-maj=15.4km

IDC 26 15:25:10.2z.1.0.21.07N:65.47E, h0km, mb3.9/8,
mb1 4.0/10, mb1mx3.6/60, mbmtmp3.9/10, ML3.8/2, MS3.1/8,
Ms1 3.1/8, ms1mx2.7/57, Error ellipse: s-maj=24.1km
s-min=21.2km az=150.0

ISC 26 15:25:12.1z.0.7.27.02N:0.09.65.39E, h0.08, h10km, n25,
e222/28, mb3.8/8, MS3.0/6, Pakistan

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

ISCJB 26 15:47:13.0z.4.9.5.28N:127.69E, h76km, 52km, mb3.3/5,
mb1 3.5/6, mb1mx3.2/43, mbmtmp3.6/6, ML3.5/1, Error
ellipse: s-maj=92.4km s-min=22.9km az=69.0

ISCJB 26 15:47:13.9z.0.9.5.3N:0.1z.127.5E, h0.1, h100km, mb3.5/5,
Error ellipse: s-maj=26.5km s-min=6.4km az=140.8

MAN 26 15:47:16.6z.5.35N:127.27E, h111km, mb4.4, ML3.3,
MS3.0

ISC 26 15:47:15.2z.1.1.5.2N:0.1z.127.4E, h0.2, h100km, n10,
e231/11, mb3.6/5, Philippine Islands region

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

ISCJB 26 16:03:50.4z.1.1.5.4S:0.1z.145.3E, h0.2, h100km, mb3.5/5,
Error ellipse: s-maj=25.1km s-min=9.0km az=148.4

IDC 26 16:03:52.2z.3.5.43S:145.28E, h104km, 22km, mb3.2/5,
mb1 3.4/8, mb1mx3.2/25, mbmtmp3.7/8, Error ellipse:
s-maj=30.9km s-min=17.2km az=62.0

ISC 26 16:03:52.3z.1.3.5.45S:0.1z.145.3E, h0.2, h100km, n9,
e19/10, mb3.4/5, Eastern New Guinea region

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

NEIC 26 15:31:34.7z.1.5.14.1N:0.1z.93.57W, h0.09, h48km, 8km
IDC 26 15:31:34.6z.1.8.14.47N:93.34W, h0km, mb3.8/4,
mb1 4.0/7, mb1mx3.0/40, mbmtmp3.9/7, ML3.4/3, MS3.2/13,
Ms1 3.1/3, ms1mx3.8/36, Error ellipse: s-maj=36.4km
s-min=16.4km az=110.0

ISCJB 26 15:31:35.4z.1.9.14.23N:0.06.93.54W, h0.06, h28km, 15km,
mb3.8/4, MS3.2/9, Error ellipse: s-maj=10.9km
s-min=7.6km az=38.9

MEX 26 15:31:35.0z.0.6.14.06N:93.59W, h15km, MD4.1
GCG 26 15:31:43.5z.0.4.14.40N:93.10W, h35km, 99km, MD4.4
ISC 26 15:31:37.2z.1.4.14.34N:0.06.93.45W, h0.05, h32km, 8km,
n42, e199/42, mb3.6/4, MS3.2/9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Comitan, Fuego 3, etc.

ISCJB 26 16:06:07.0z.0.42.46N:43.51E, h8km, MPVA3.1
NORS 26 16:06:08.0z.0.42.48N:43.57E, h4km, MPVA3.2
TIF 26 16:06:08.1, 42.53N:43.58E, h12km, 1km

ISC 26 16:06:08.4z.0.9.42.49N:0.02.43.56E, h0.02, h9km, 8km,
n22, e071/44, Western Caucasus

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

MOS 26 16:06:07.0z.0.42.46N:43.51E, h8km, MPVA3.1
NORS 26 16:06:08.0z.0.42.48N:43.57E, h4km, MPVA3.2
TIF 26 16:06:08.1, 42.53N:43.58E, h12km, 1km

ISC 26 16:06:08.4z.0.9.42.49N:0.02.43.56E, h0.02, h9km, 8km,
n22, e071/44, Western Caucasus

ISCJB 26 16:06:09.1z.1.4.27.01N:92.06W, h255km, 83km, MD4.3
NEIC 26 16:38:55.1z.1.3.14.2N:0.1z.193.55W, h0.05, h45km, 49km
MEX 26 16:38:55.1z.0.6.14.20N:93.55W, h55km, 17km, MD4.0

ISC 26 16:38:54.4z.1.9.14.25N:0.09.93.53W, h0.07, h22km, n15,
e194/22, Near coast of Chiapas

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

ISCJB 26 16:46:31.0z.1.3.23.9S:0.1z.179.8W, h0.2, h512km, mb3.9/4,
Error ellipse: s-maj=25.5km s-min=15.8km az=179.4

IDC 26 16:46:31.2z.3.23.98S:179.74W, h494km, 24km, mb3.4/4,
mb1 3.6/5, mb1mx3.2/24, mbmtmp4.3/5, Error ellipse:
s-maj=40.3km s-min=24.3km az=161.0

ISC 26 16:46:32.9z.1.2.24.1S:0.1z.179.7W, h0.2, h512km, n7,
e194/10, mb3.9/4, South of Fiji Islands

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

ISCJB 26 16:49:00.9z.1.4.27.01N:92.06W, h255km, 83km, MD4.3
mb1 3.7/5, mb1mx3.4/50, mbmtmp3.6/5, Error ellipse:
s-maj=36.8km s-min=29.7km az=28.0, Pakistan

ISCJB 26 16:49:00.9z.1.4.27.01N:92.06W, h255km, 83km, MD4.3
mb1 3.7/5, mb1mx3.4/50, mbmtmp3.6/5, Error ellipse:
s-maj=36.8km s-min=29.7km az=28.0, Pakistan

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

IDC 26 16:56:37.9z.0.9.9.2N:56.88E, h0km, mb3.9/11,
mb1 4.0/11, mb1mx3.7/50, mbmtmp3.7/10, MS3.5/15,
Ms1 3.5/15, ms1mx3.2/37, Error ellipse: s-maj=23.7km
s-min=21.3km az=100.0

IDC 26 16:56:37.9z.0.9.9.2N:56.88E, h0km, mb3.9/11,
mb1 4.0/11, mb1mx3.7/50, mbmtmp3.7/10, MS3.5/15,
Ms1 3.5/15, ms1mx3.2/37, Error ellipse: s-maj=23.7km
s-min=21.3km az=100.0

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

IDC 26 16:16:19.3z.1.9.13.47S:75.71W, h0km, mb4.0/1,
mb1 4.1/2, mb1mx3.6/19, mbmtmp4.0/2, ML3.9/1, Error
ellipse: s-maj=103.3km s-min=49.9km az=6.0

NEIC 26 16:16:32.3z.1.6.14.4S:0.1z.75.16W, h0.06, h76km, 27km,
mb4.1/2, ML4.3(ARE)

ISC 26 16:16:29.8z.1.1.14.4S:0.1z.75.16W, h0.01, h50km, n15,
e237/14, Near coast of Peru

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

GCG 26 16:38:52.3z.0.4.16.41N:92.06W, h255km, 83km, MD4.3
NEIC 26 16:38:55.1z.1.3.14.2N:0.1z.193.55W, h0.05, h45km, 49km
MEX 26 16:38:55.1z.0.6.14.20N:93.55W, h55km, 17km, MD4.0

ISC 26 16:38:54.4z.1.9.14.25N:0.09.93.53W, h0.07, h22km, n15,
e194/22, Near coast of Chiapas

ISCJB 26 16:46:31.0z.1.3.23.9S:0.1z.179.8W, h0.2, h512km, mb3.9/4,
Error ellipse: s-maj=25.5km s-min=15.8km az=179.4

IDC 26 16:46:31.2z.3.23.98S:179.74W, h494km, 24km, mb3.4/4,
mb1 3.6/5, mb1mx3.2/24, mbmtmp4.3/5, Error ellipse:
s-maj=40.3km s-min=24.3km az=161.0

ISC 26 16:46:32.9z.1.2.24.1S:0.1z.179.7W, h0.2, h512km, n7,
e194/10, mb3.9/4, South of Fiji Islands

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

ISCJB 26 16:46:31.0z.1.3.23.9S:0.1z.179.8W, h0.2, h512km, mb3.9/4,
Error ellipse: s-maj=25.5km s-min=15.8km az=179.4

IDC 26 16:46:31.2z.3.23.98S:179.74W, h494km, 24km, mb3.4/4,
mb1 3.6/5, mb1mx3.2/24, mbmtmp4.3/5, Error ellipse:
s-maj=40.3km s-min=24.3km az=161.0

ISC 26 16:46:32.9z.1.2.24.1S:0.1z.179.7W, h0.2, h512km, n7,
e194/10, mb3.9/4, South of Fiji Islands

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

IDC 26 16:49:00.9z.1.4.27.01N:92.06W, h255km, 83km, MD4.3
mb1 3.7/5, mb1mx3.4/50, mbmtmp3.6/5, Error ellipse:
s-maj=36.8km s-min=29.7km az=28.0, Pakistan

IDC 26 16:49:00.9z.1.4.27.01N:92.06W, h255km, 83km, MD4.3
mb1 3.7/5, mb1mx3.4/50, mbmtmp3.6/5, Error ellipse:
s-maj=36.8km s-min=29.7km az=28.0, Pakistan

26d 17h

2013 SEP

1434

ISCJB 26 16:56:38.3.0.5, 9.92N; 0109:56:76E; 0.07, h10km, mb3.9/11, MS3.5/13, Error ellipse: s-maj=12.9km s-min=9.3km az=157.8

NEIC 26 16:56:40.7.2.3, 9.9N; 0110:56:76E; 0.1, h15km, 5km, mb4.0/8

ISC 26 16:56:39.6.0.8, 9.9N; 0110:56:76E; 0.1, h10km, n52, r14/137, mb4.0/15, MS3.5/13, Carlsberg Ridge

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

ISCJB 26 17:31:33.8.0.8, 21.1S; 0117:178.9W; 0.1, h619km, mb3.7/10, Error ellipse: s-maj=21.9km s-min=13.0km az=145.6

ISC 26 17:31:36.3.2.1, 21.1S; 0117:178.9W; 0.1, h619km, mb3.2/10, mb1.3/5.12, mb1.3/5.12, mb1.3/5.12, mb1.3/5.12, Error ellipse: s-maj=25.2km s-min=12.3km az=156.0

ISC 26 17:31:34.9.0.7, 21.1S; 0117:178.9W; 0.1, h619km, n25, r15/120, mb3.7/10, Fiji Islands region

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

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

ISC 26 17:36:05.4.38.61N; 043:01E; h10km, ML2.3/5 DDA 26 17:36:05.8.38.64N; 043:01E; h7km, 3km, ML2.9

ISCJB 26 17:36:06.3.0.4, 38.61N; 043:01E; 0.03, h12km, 4km, Error ellipse: s-maj=5.1km s-min=3.9km az=170.4

ISC 26 17:36:05.8.1.2, 38.61N; 043:01E; 0.03, h12km, 11km, n15, r043/24, Turkey

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

ISCJB 26 17:36:38.4.0.4, 39.11N; 0103:29.06E; 0.03, h9km, 3km, Error ellipse: s-maj=4.9km s-min=4.2km az=178.2

ISC 26 17:36:38.1.39.13N; 29.06E; h8km, ML2.0/10 DDA 26 17:36:38.0.39.13N; 29.07E; h7km, 2km, ML2.7

ISC 26 17:36:38.0.39.12N; 0103:29.05E; 0.03, h9km, 6km, n22, r083/30, Turkey

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

ISCJB 26 17:41:38.8.0.3, 67.09N; 0102:20.94E; 0.06, h0km, Error ellipse: s-maj=3.4km s-min=2.7km az=4.9

UPP 26 17:41:39.5.0.1, 67.08N; 020:91E; h0km, ML2.4, Explosion

ICD 26 17:41:39.6.0.9, 67.11N; 021:40E; h0km, mb1.3/0.4, mb1mx2.8/52, mb1mx3.0/4, ML2.2/4, Error ellipse: s-maj=15.8km s-min=7.0km az=108.0

NAO 26 17:41:40.3.0.9, 67.07N; 021:09E, ML2.6 HEL 26 17:41:40.3.0.9, 67.08N; 020:93E, h0km, ML2.2, ML2.4(UPP), Explosion

BER 26 17:41:42.5.3.7, 67.09N; 020:98E, h0km, ML1.7, Suspected explosion

ISC 26 17:41:39.2.0.7, 67.07N; 020:88E; 0.02, h0km, n59, r11/187, Sweden

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

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

ISC 26 17:44:12.7.0.5, 5.98S; 76:55W; h0km, mb4.4/18, mb1.4/5.27, mb1mx4.5/40, mb1mx4.4/27, ML4.0/8, MS3.6/16, Ms1.3/6.16, ms1mx3.5/29, Error ellipse: s-maj=12.1km s-min=11.0km az=94.0

ISCJB 26 17:44:15.9.0.2, 6.00S; 0103:76.56W; 0.04, h33km, mb4.4/20, MS3.4/9, Error ellipse: s-maj=6.6km s-min=4.2km az=153.8

NEIC 26 17:44:16.7.1.2, 6.00S; 0106:76.6W; 0.1, h26km, 3km, mb4.9/20

BUI 26 17:44:17.9.0.0, 5.80S; 76:40W; h25km, mb5.0/4

ISC 26 17:44:17.7.0.3, 5.98S; 0104:76.49W; 0.07, h35km, n232, r121/237, mb4.8/70, MS3.4/9, Northern Peru

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

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like LPaz, SAM, OCana, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like LCMT, RWY, RWWY, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like comp=Z,6.1nm,0.8s, PAX, etc.

TAP 26 17:48:45.8, 24°16'N, 121°06'E, h11km, ML1.6, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Time, and other parameters. Includes stations like NACB, ETHL, ENA, etc.

JMA 26 17:49:05.0, 0.1, 24.72N, 123.44E, h18km, 4km, M2.2,

Table with columns: Code, Station Name, Azimuth, Elevation, Time, and other parameters. Includes stations like IRIF, YON, etc.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like THIG, PCIG, Comitan, FUEGO, CMIG, IXG, MOYG.

Table titled 'GCG 26 18:16:42.5 0.7, 13.84N-91.62W, h0km, 65km, MD3.7, Near coast of Guatemala'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'IDC 26 18:24:06.2 0.6, 1.94N-96.16E, h0km, mb4.4/23'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'IDC 26 18:24:11.0 0.4, 2.00N-104.96E, h0km, h28km'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'SNI Sinabang, Aceh 0.52 317'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'MYOM Kota Tinggi 7.17 92'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'CM31 Chiang Mai Arr 16.48 8'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'SHL Shillong 23.85 349'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'BOK Bokaro 24.03 335'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'KAP Kappong 24.09 107'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table titled 'BNSI Bone 24.26 105'. Columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like XAN, XAN, XAN, SIJI, FITZ, FITZ, FITZ.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like NTL, Ntl, KDU, WRKA, KSH, KSH, KSH.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like WRA, WR1, WRAB, WAC, GAR, GAR.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like AS31, ASAR, ASAR, ASAR, ASAR.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like KSAR, KSAR, MK31, MK31, MK31.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like ULN, ULN, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like GYAO, GYAO, GYAO, GYAO, GYAO.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like MTSU, MTSU, MTSU, MTSU, MTSU.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like HIA, HIA, MDJ, MDJ, MDJ.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like MAJO, MAJO, MAJO, MAJO, MAJO.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like PMG, PMG, PMG, PMG, PMG.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like BR101, BR131, BR131, BRTR, PET, AKAS, AKAS, AKAB.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like BURAR, FIAO, FIAO, FIAO, GERES, GERES, GERES.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like IMAR, TXAR, CPUP, CFA.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like SIJI, SIJI, SIJI, BATI, BATI, BATI.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like KAP, FITZ, FITZ, FITZ, WRA, WRA, WRA.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like ASAR, ASAR, ASAR, ASAR, CMAR, MKAR.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like PB08, PB08, PB08, PB08, PB08.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like PB08, PB08, PB08, PB08, PB08.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like PB08, PB08, PB08, PB08, PB08.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like PB08, PB08, PB08, PB08, PB08.

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res. Includes stations like PB08, PB08, PB08, PB08, PB08.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, LP02 La Paz, HJ04 Humahuaca, etc.

Table with columns: CUPR, Culebra, Puert, 2.51 86 Pn, Sn, etc. Includes stations like SC01 Santiago de lo, SDDR Presa de Saban, etc.

ISC/JB 26 18:49:05.0-3.6, 07N.0-0.3, 70E.0-0.4, h102km, mb3.8/13, Error ellipse: s-maj=5.8km s-min=3.1km az=140.0

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, GAR Garra, etc.

ISC 26 18:49:07.0-5.3, 36.22N.0-0.5, 70.60E.0-0.6, h102km, n86, s196/89, mb3.9/14, 8C-8D, Hindu Kush region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, etc.

ISC/JB 26 18:44:00.3-0.8, 18.3N.0-1.6, 67.90W.0-0.3, h174km, 5km, Error ellipse: s-maj=23.4km s-min=4.2km az=87.2

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDE Isla Desecheo, PCDR Punta Cana, etc.

NEIC 26 18:44:01.0-0.7, 18.2N.0-2.6, 90W.0-0.3, h174km, 7km RSPR 26 18:44:01.8, 18.21N.67.88W, h168km, 1km, MD3.5/16

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JOSI Josphimath, KUDL Kundal, etc.

Table with columns: ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BR131 Keskin Array, AKAS Malin Array, etc.

ISC 26 19:20:38.5-0.5, 31.27S.178.22W, h0km, mb3.6/2, mb1.3/9.2, mb1mx3.6/29, mbtmp3.6/2, Error ellipse: s-maj=270.0km s-min=56.7km az=157.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, etc.

ISC 26 20:00:36.4-3.0, 6.80S.129.05E, h150km, 40km, mb3.0/1, mb1.3/1.5, mb1mx2.9/41, mbtmp3.9/50, Error ellipse: s-maj=64.2km s-min=22.6km az=35.0, Banda Sea

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SJIJ Sorong, FITZ Fitzroy Crossi, etc.

ISC/JB 26 20:07:11.7-1.1, 28.56S.0-0.4, 71.4W.0-1.1, h35km, Error ellipse: s-maj=13.4km s-min=5.9km az=8.3

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LCO Las Campanas, LSCH La Serena, etc.

ISC 26 20:07:12.0-1.4, 28.56S.0-0.5, 71.4W.0-1.1, h35km, n10, s122/14, 1C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like G003 Copiapu, G004 Tololo Observ, etc.

NIED 26 20:07:00.36-80N.141.30E, h5km, Mw3.8 Best double couple: M66.02000.104. NP1.95.0.00000. 839.00000, 1.97000. NP2.00.00000. 851.00000, 1.84.00000.



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like JHYU Hitachinakayam, JYT Yasato, JFT Otama, etc.

BUI 26 20:09:26.6:0.0, 1.31N, 97.03E, h20km, mb4.8/29, mB5.0/22, Ms4.3/6, Ms7.4/1/6
IDC 26 20:09:28.0:0.6, 1.68N, 96.87E, h0km, mb4.3/18, mb1.4/3.20, mb1mx4.2/36, mbtmp4.2/20, ML3.9/2, MS3.7/11, Ms1.3/8/11, ms1mx3.4/39, Error ellipse: s-maj=19.3km s-min=14.3km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like SNSI Sinabang, KCSI Kotacane, PPSI Pulau Batu, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like CHTO Chiang Mai, KOHI KOHIMA, KOHI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like STKA Stephens Creek, STKA Borovey, BRVK Akbulak array, etc.

IDC 26 20:38:49.1:1.7, 9.50S, 125.13E, h0km, mb3.3/1, mb1.3/5.4, mb1mx3.2/41, mbtmp3.3/4, ML3.3/3, Error ellipse: s-maj=28.3km s-min=26.6km az=83.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like BATI Baumata, BATI Malin Array, FITZ Fitzroy Cross, etc.

IDC 26 20:46:42.4:0.8, 6.83S, 143.72E, h0km, mb3.8/11, mb1.4/0.13, mb1mx3.8/43, mbtmp3.9/13, ML1.9/1, MS2.9/3, Ms1.2/9.3, ms1mx2.7/24, Error ellipse: s-maj=29.6km s-min=17.4km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, COEN Coen, etc.

IDC 26 20:46:47.1:0.6, 6.91S, 143.71E, h0km, mb3.8/11, mb1.4/0.13, mb1mx3.8/43, mbtmp3.9/13, ML1.9/1, MS2.9/3, Ms1.2/9.3, ms1mx2.7/24, Error ellipse: s-maj=29.6km s-min=17.4km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, s, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zalesovo Beam, ZAA1 Zalesovo Array, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRS Korea Array, PLCA Paso Flores, SONM Songo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, GKN Gorkh, etc.

SJA 26 20:47:02.6:0.9,29.78S:71.67W,h10km,10km,ML3.3,MW3.6

ISCJB 26 20:47:03.5:1.9,29.80S:0.04:71.67W,0.09,h3km,10km, Error ellipse: s-maj=13.8km s-min=6.8km az=5.5

GUC 26 20:47:03.6:0.5,29.83S:71.56W,h2km,2km,ML3.7

ISC 26 20:46:59.2:2.1,29.83S:0.04:71.87W,0.08,h12km,14km, n18,+f152/26,1C,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSCH La Serena, LSCH Tololo Observa, LSCH Tololo Observa, etc.

MEX 26 21:03:59.8:1.1,16.66N:93.54W,h181km,6km,MD3.8, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGIG, TGIG, PCIG, PCIG, etc.

SJA 26 21:49:27.0:0.9,31.61S:69.18W,h111km,4km,ML3.6, MW3.6, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTLS Leoncito, RTLS Zonda, ZON Zonda, etc.

NIED 26 22:37:00.37:00N:140.70E,h20km,Mw3.8 Best double couple: M=6.64000e+10 N1=111.00000e+10

JMA 26 22:37:42.3:37.05N:140.69E,h17km,1km,M4.2 Broadband fault plane solution: P waves. NP1: 0.206.00000e+10, 0.74.00000e+10

JMA Felt III J1. IDC 26 22:37:46.6:2.3,37.05N:140.70E,h54km,20km,mb3.5/12, mb1 3.7/16, mb1mx3.5/48, mbtmp3.8/16, ML3.5/3, MS3.1/6, Ms1 3.1/6, ms1mx2.8/33 Error ellipse: s-maj=19.8km

ISC 26 22:37:42.3:37.04N:140.70E,h17km,4km, n33,+f107/36,mb3.7/12,5C-3D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishi, ONAJ Fukushimafurud, JFFD, etc.

MAN 26 20:51:45.1,17.83N:121.16E,h30km,mb4.4,ML3.2, MS3.0, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APYP Conner, APYP Dolores, CVP Calloa Caves, etc.

IDC 26 22:07:03.5:1.6,33.7N:128.20E,h0km,mb3.7/5, mb1 3.9/6, mb1mx3.6/31, mbtmp3.7/6, ML3.5/1, MS3.3/3, Ms1 3.3/3, ms1mx2.7/42, Error ellipse: s-maj=96.6km s-min=17.9km az=59.0, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJI Sorong, SJI, WRA Warramunga Arr, etc.

IDC 26 20:53:18.7:1.4,48.51S:125.68E,h0km,mb3.7/5, mb1 3.9/5, mb1mx3.7/29, mbtmp3.7/5, Error ellipse: s-maj=61.5km s-min=24.5km az=111.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 26 22:27:20.9:3.5,26.97N:65.76E,h0km,mb3.5/4, mb1 3.7/4, mb1mx3.4/37, mbtmp3.5/4, Error ellipse: s-maj=38.1km s-min=26.6km az=147.0, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KBZ Khabaz, KURBB Kurchatov Arra, etc.

ISCJB 26 20:56:57.4:0.5,48.71S:0.07:126.5E,0.3,h13km, mb4.1/6, MS3.6/8, Error ellipse: s-maj=25.0km s-min=9.4km az=12.0

IDC 26 20:56:57.6:0.9,48.71S:126.55E,h0km,mb4.1/7, mb1 4.2/8, mb1mx4.0/23, mbtmp4.2/8, ML2.1/1, MS3.6/8, Ms1 3.6/8, ms1mx3.5/12, Error ellipse: s-maj=44.3km s-min=16.2km az=104.0

NEIC 26 20:56:58.9:0.6,48.7S:0.1:126.4E:0.3,h10km,1km, mb4.2/6

ISC 26 20:56:59.5:0.7,48.7S:0.1:126.5E:0.2,h12km,n26,+f93/23,mb4.2/8, MS3.7/8, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NWA0 Narrogin (SRO), STKA Stephens Creek, STKA Stephens Creek, etc.

IDC 26 22:35:40.1:4.0,36.18N:71.09E,h188km,29km,mb3.2/5, mb1 3.2/11, mb1mx2.9/53, mbtmp3.7/11, Error ellipse: s-maj=50.9km s-min=21.6km az=146.0

ISCJB 26 22:35:41.7:0.5,36.50N:0.04:70.95E:0.07,h188km, mb3.7/4, Error ellipse: s-maj=8.4km s-min=5.5km az=156.4

NNC 26 22:35:48.5:3.5,36.95N:70.94E,h192km,39km,mb2.8, mpv3.7, Error ellipse: s-maj=31.4km s-min=18.6km az=8.0

ISC 26 22:35:42.4:0.8,36.52N:0.07:70.97E:0.08,h188km,n33,+f132/37,mb3.7/4,2C-8D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayushu, UCH Uchter, EK2S Erkin-Say, etc.

ISCJB 26 23:05:48.0:6.0,24.57N:122.57E:0.02,h86km,5km, Error ellipse: s-maj=5.3km s-min=2.6km az=172.6

JMA 26 23:05:48.0:2.1,24.48N:122.57E,h95km,1km,M2.0

TAP 26 23:05:48.0:2.4,24.57N:122.56E,h96km,ML3.1,C

ISC 26 23:05:48.7:1.4,24.57N:122.57E:0.02,h89km,8km, n62,+f92/109,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YONAGI Yonagunijimaku, YONG YONG, EOS1 EOS1, etc.





27d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LPAZ, ASAR, WRA, ILAR, CMAR, ESDC, MKAR, BRTR.

ISCJB 27 02:00:06.9, 0.3, 55.68S, 0.06:28.40W, 0.10, h54km, mb4.8/12, MS3.8/13, Error ellipse: s-maj=8.9km s-min=6.7km az=135.1

NEIC 27 02:00:11.8, 2.1, 55.8S, 0.1:28.7W, 0.2, h89km, 5km, mb4.7/24

IDC 27 02:00:13.5, 2.5, 55.74S, 28:51W, h107km, 21km, mb4.3/10, mb1.4/12, mb1mx4.2/25, mbimp4.8/12, MS3.5/11, Ms1.3/5.11, ms1mx3.4/23, Error ellipse: s-maj=16.8km s-min=13.0km az=44.0

GCMT 27 02:00:13.7, 0.3, 55.86S, 0.02:28.56W, 0.04, h89km, 4km, MW5.0/94, Moment Tensor Solution, s19,c22, s94,c121, Duration: 0 Moment Tensor: Scale 1.016Nm, Mw1.74, Ms1.39, Mw-3.98, Ms-1.64, Mw1.64, Mw0.23, Mw0.23, Mw1.52, Ms1.39, Mw-1.44, Ms-0.6, Best double couple, M33,567000. NP2: 0.248, 0.0000, 0.856, 0.0000, 1.28, 0.0000. Principal axes: T 3.2610, Plg42.0000, Azm110.0000; P -3.8730, Plg6.0000, Azm197.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 02:00:07.8, 0.3, 55.75S, 0.08:28.45W, 0.07, h54km, n112, az=148.101, mb4.8/17, MS4.0/13, 2D, South Sandwich Islands region

Main table for station 27d 2h, listing codes, station names, and various parameters.

2013 SEP

Main table for station 2013 SEP, listing codes, station names, and various parameters.

ISCJB 27 02:05:24.9, 0.8, 56.3S, 0.2:139.4W, 0.3, h10km, mb4.2/6, MS4.0/8, Error ellipse: s-maj=24.5km s-min=21.4km az=21.4

IDC 27 02:05:24.9, 0.9, 56.16S, 139:12W, h0km, mb4.2/6, mb1.4/3.6, mb1mx4.1/25, mbimp4.2/6, MS3.8/5, Ms1.3/7.5, ms1mx3.4/21, Error ellipse: s-maj=31.0km s-min=26.5km az=10.0

NEIC 27 02:05:26.1, 1.4, 56.3S, 0.2:139:3W, 0.3, h10km, 2km, mb4.2/5

ISC 27 02:05:25.7, 0.8, 56.2S, 0.2:139:2W, 0.2, h10km, n32, 0.96/22, mb4.3/7, MS4.0/8, Pacific-Antarctic Ridge

Main table for station 2013 SEP, listing codes, station names, and various parameters.

1442

Main table for station 1442, listing codes, station names, and various parameters.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like IHSH Hashtud, DYBB Diyarbakir, GANJ Ganja, etc.

ISCJB 27 02:15:03.5-0.2, 37:84N, 0:02:22.06E, 0:02:17.7km, 2km, mb3.5/5, Error ellipse: s-maj=3.5km s-min=2.3km az=22.4

ISC 27 02:15:03.7, 37:89N, 22:33E, h13km, ML3.3/19

ATH 27 02:15:04.4, 37:82N, 22:16E, h66km, 1km, ML3.1/28, Error ellipse: s-maj=1.9km s-min=0.8km az=269.0

THE 27 02:15:05.7, 37:82N, 22:18E, h61km, 1km, ML3.1/6, Error ellipse: s-maj=1.4km s-min=0.6km az=270.0

IDC 27 02:15:07.8, 4.6, 37:84N, 22:08E, h101km, 48km, mb3.3/5, mb1.3/3.6, mb1mx3.1/47, mbtm3.6/6, Error ellipse: s-maj=34.5km s-min=21.5km az=131.0

ISC 27 02:15:04.5, 0.8, 37:82N, 0:03:22.06E, 0:02:17.7km, 4km, n170, r1551/221, mb3.7/5, 3C-5D, Southern Greece

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like KLV Kalavryta, DRO Drossia, TRAZ Trapeza, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like ITM Ithomi, DELPHI Delphi, DSF Desfina, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like JAN Janina, LIT Litolithoron, KZN Kozani, etc.

AZER 27 02:17:18.1-0.5, 43:56N, 44:70E, h19km, 36km, m3.1/14, Error ellipse: s-maj=78.7km s-min=7.2km az=326.0

ISCJB 27 02:17:22.4, 0.3, 43:43N, 0:02:45.00E, 0:02:15.5km, 2km, mb3.5/1, Error ellipse: s-maj=3.3km s-min=1.8km az=15.4

NORS 27 02:17:22.7, 0.0, 43:35N, 44:97E, h18km, MPVA4.3

MOS 27 02:17:22.5, 0.0, 43:35N, 44:94E, h21km, MPVA4.2

ISC 27 02:17:22.9, 0.0, 43:37N, 0:02:45.01E, 0:01:18km, 7km, n102, r1560/175, 11C-8D, Eastern Caucasus

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like KMGR Komgaron, BTRK Batakoyurt, GROG Groznyy, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like LACR, Lesken, Guduri, Tsey, Naichik, Botlikh, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like AKTO, AKTO, AKTO, AB31, AB31, AAK, KURK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MKAR, WRA, ASAR, FINES, NOA, BRTR, IDC, ISCJB, NEIC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EAGO Agolada, ECAL Calabar, ELAN Lanestosa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EPOB Poblet, EMIR Miracle, FLN La Foliniere, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WEL 27 03:19:29.6, IDC 27 03:21:27.5, etc.



DDA 27 04:22:26.2, 36.63°N, 28.04°E, h85km, ML3.5
ISC 27 04:22:06.4, 1.1, 36.54°N, 03:28.09°E, 0.03, h79km, gkm,
n126, s1864/176, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like MRSB, ARG, DAT, TURN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like CHOS, LAST, LAST, etc.

KRSR Korea Array 31.54 243 LR LR 04 42 47.3
SONAO Songoing Array 34.89 277 P P 04 30 50.5 -0.4
SONM Songoing Array 34.89 277 P P 04 30 50.5 -0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like DMPP, MATI, MATI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ASAR, WRA, FINES, etc.

IDC 27 04:28:02.3, 6.8, 31.33°S, 178.29°W, h0km, mb3.9/2,
mb1 4.2/2, mb1mx3.7/36, mbmtmp3.9/2, Error ellipse:
s-maj=286.7km s-min=58.5km az=157.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ASAR, WRA, FINES, etc.

IDC 27 04:31:00.5, 1.6, 5.80°N, 126.75°E, h0km, mb3.9/5,
mb1 4.1/5, mb1mx3.7/38, mbmtmp3.9/5, MS3.3/2, Ms1 3.3/2,
ms1mx2.6/41, Error ellipse: s-maj=101.5km s-min=23.0km
az=68.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like DMPP, MATI, MATI, etc.

IDC 27 04:31:09.4, 0.9, 5.53°N, 0:08.126:68°E, 0.09, h66km,
mb3.7/5, Error ellipse: s-maj=17.3km s-min=5.3km
az=138.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like DMPP, MATI, MATI, etc.

IDC 27 04:31:11.0, 5.1, 6.58°N, 126.61°E, h26km, MS3.9,
NEIC 27 04:31:13.3, 0.8, 5.6°N, 0.1: 126.7°E, 0.2, h99km, 11km,
mb4.2/4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like DMPP, MATI, MATI, etc.



27d 5h

2013 SEP

1448

Table with columns: WVT, Waverly, 22.21, 12, P, P, 05 45 36.3, -2.0, etc. Lists various locations and their associated data points.

Table with columns: S22A, 4UR Ranch, Cre, 26.13, 335, P, P, 05 46 17.2, +1.2, etc. Lists various locations and their associated data points.

Table with columns: PD31, Mined Array, 31.51, 337, P, P, P, 05 49 55.8, -0.2, etc. Lists various locations and their associated data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like Villa Florida, Brasilia, BDFB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like Porto Santo, PMPST, PMPST, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like PBDV, PVAQ, PVAQ, etc.

NIED 27 05:51:00, 32° 80'N, 140° 90'E, h50km, Mw4.2 Best double couple: M2: 1000x1015 ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like JAOM, JAOM, JAOM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like XAN, H11S3, H11S1, etc.

2013 6h

Table with columns: SCM, Sheep Creek Mo, 53.23 34, P, Pmax, 06 00 49.9 +2.3, etc. Lists various stations and their coordinates and parameters.

ATH 27 05:58:15.9, 35:72N-27:35E, h28km, 1km, ML2.2/12, Error ellipse: s-maj=2.1km s-min=1.0km az=126.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and their associated data.

2013 SEP

Main table with columns: NISR, Datca, 0.99 10, P, Pn, 05 59 00.6, etc. Lists station names, coordinates, and various parameters.

IDC 27 06:04:09.0: 1.8, 56:24S-139:36W, h0km, mb4.1/3, s-maj=63.3km s-min=44.4km az=17.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and their associated data.

1450

IKMAR Makanchi Array 152.80 267 PKPbc PKPbc 06 24 06.1 -0.8

ISCJB 27 06:04:49.1: 0.4, 34:84N-0:02:52:72E, h4km, 3km, mb3.9/10, Error ellipse: s-maj=2.9km s-min=2.6km az=5.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and their associated data.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IBZA, IKFM, SBVZ, IKOM, ILIN, ISFR, ASTR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PCDR, AGPR, AGPR, AGPR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PTGA, PTBC, PTBC, SPBC, etc.

NEIC 27 06:16:20.6; 1.6, 18.1; 2N:0.2; 2.68; 0.6W:0.07, h122km, 7km
ISCJB 27 06:16:21.5; 1.1, 18.3N:0.2; 2.68; 0.6W:0.07, h112km, 9km
Error ellipse: s-maj=30.5km s-min=6.1km az=11.9

ISCJB 27 06:23:06.0; 7.0, 6.56; 4S:0.1; 139; 3W:0.2, h10km, mb4.4/6,
MS4.5/16, Error ellipse: s-maj=19.5km s-min=13.6km
az=16.1
IDC 27 06:23:04.2; 0.2, 0.8, 5.6; 13S; 139; 30W, h0km, mb4.3/6,
mb1.4/5.6, mb1mx4.2/2.1, mbmp4.3/6, MS4.3/12,
Ms1.4/3.12, ms1mx4.2/1.6, Error ellipse: s-maj=31.5km
s-min=22.8km az=5.0
NEIC 27 06:23:05.7; 2.5, 5.6; 2S:0.2; 139; 1W:0.1, h10km, 1km,
mb4.5/10
GCMT 27 06:23:11.0; 0.2, 5.6; 57S:0.0; 138; 95W:0.02, h12km,
M10; 0.106, Moment Tensor Solution s42; c49;
t106; c145; Duration: 0 Moment tensor: Scale 10^16Nm;
Mn=2.35; 12; Mn=0.95; 11; Mn=2.60; 10; Mn=2.9; 30;
Mn=2.05; 09; Mn=0.81; 29; Best double couple:
M=4.72600x10^16 Np1; 221.00000; 876.00000;
lambda=140.00000; NP2; 120.00000; 851.00000;
Az=345.00000; N -2.8650; Plg48.00000; Azm237.00000;
P -3.2930; Plg38.00000; Azm88.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Surface-wave location Triangular moment-rate
function

ISC 27 06:23:06.0; 0.6, 5.6; 3S:0.2; 139; 2W:0.1, h10km, n64,
0.89; 45, mb4.5/10, MS4.4/16, 2C, Pacific-Antarctic
Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SBA, SBA, TBI, TBI, TBI, etc.

27d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR01, ILAR Eielson Array, ILAR Indian Mountai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRS Serrai, KNT Kendrickon, KNT KNT, STIP Stip.

ISK 27 06:27:06.7, 40.42N, 26.16E, h15km, ML1.9/11
DDA 27 06:27:06.6, 40.44N, 26.16E, h6km, 4km, ML2.7
ISCJB 27 06:27:07.2, 40.43N, 02.26E, 15E, 0.04, h13km, 3km, Error ellipse: s-maj=4.5km, s-min=3.2km, az=177.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GELI Tayfur-Gelibol, ENEZ Enezi, ALN Alexandroupoli, etc.

DSN 27 06:50:57.6, 1.7, 25.78N, 64.50E, h15km, mb5.2/4, ML4.8/10, Error ellipse: s-maj=34.9km, s-min=6.6km, az=149.0
BUJ 27 06:50:57.0, 0.0, 26.13N, 64.08E, h10km, mb4.8/44, mb4.9/32, Ms4.7/32, Ms7.4/5/32
ISCJB 27 06:50:58.0, 3.2, 25.95N, 0.03, 64.38E, 0.02, h10km, mb4.8/118, MS4.2/49, Error ellipse: s-maj=3.7km, s-min=2.3km, az=175.7

IDC 27 06:50:58.3, 0.7, 25.98N, 64.27E, h0km, mb4.5/29, mb1.4/8, 32, ms1mx4.4/52, mbtmp4.5/32, ML4.8/2, MS4.2/36, Ms1.4/2, 36, ms1mx4.1/51, Error ellipse: s-maj=16.5km, s-min=11.8km, az=19.0
MOS 27 06:51:00.5, 1.1, 26.18N, 64.43E, h18km, mb5.0/56, MS4.2/6, Error ellipse: s-maj=5.9km, s-min=4.0km, az=99.8
NEIC 27 06:51:01.5, 2.9, 26.09N, 0.08, 64.25E, 0.08, h15km, 4km, mb4.8/79

OMAN 27 06:51:02.7, 1.2, 26.00N, 64.18E, h40km, mb5.6/2, ms3.7/7, Error ellipse: s-maj=13.8km, s-min=4.8km, az=33.0
GCMT 27 06:51:03.1, 0.4, 25.93N, 0.02, 64.31E, 0.02, h29km, 1km, MW4.9/68, Moment Tensor Solution, s13, c14, s86, c119; Duration: 0. Moment tensor: Scale: 10^16Nm; Mw: 5.2; 1.7; Mw: 2.6; 3.1; Mw: 2.1; 1.2; Mw: 1.0; 0.2; Mw: 1.8; 1.2; Mw: 0.35; 2.6; Best double couple: M: 3.15000; 1016 NP1=205.00000; 880.00000; -1.11.00000; NP2: 297.00000; 880.00000; -1.170.00000. Principal axes: T 2.7530, Plg0.0000; Azm251.0000; N 0.7950, Plg75.0000; Azm342.0000; P -3.5480, Plg15.0000; Azm161.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHJU Bhuj, WSAR Wadi Sarin, WSAR Wadi Sarin, etc.

2013 SEP

Main table with columns: BIDO Bidbid, BIDO Samad, JMDO Jabal Madar, JMDO Hoqin, etc. Includes station codes and names like BIDO Bidbid, BIDO Samad, JMDO Jabal Madar, JMDO Hoqin, etc.

1425

Table with columns: AAK Ala-Archa, AAK DMN, KBK Karagaybulak, FRU1 Bishkek, FRU1 Bishkek, KKN Kakan, etc. Includes station codes and names like AAK Ala-Archa, AAK DMN, KBK Karagaybulak, FRU1 Bishkek, FRU1 Bishkek, KKN Kakan, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other parameters. Includes stations like MAKZ, KIV, MK31, MKAR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other parameters. Includes stations like CMAR, NANT, UTHA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other parameters. Includes stations like OJC, MBAR, MODS, etc.



Table of meteorological data for station ARCES, including columns for code, station name, time, and various atmospheric parameters like pressure, temperature, and wind.

Table of meteorological data for station INK, including columns for code, station name, time, and various atmospheric parameters.

MAN 27 06:57:05.1, 8.35N, 126.54E, h4km, MS3.6, 3C-2D

Table of meteorological data for station Mindanao, including columns for code, station name, time, and various atmospheric parameters.

TRN 27 06:57:35.9, 17.69N, 61.63W, h27km, MD3.8, Leeward

Table of meteorological data for station Islands, including columns for code, station name, time, and various atmospheric parameters.

NEIC 27 07:08:15.7, 2.0, 14.22N, 0.04, 93.46W, 0.04, h10km, 1km

MEX 27 07:08:16.9, 0.9, 14.14N, 93.55W, h6km, 26M, MD4.0

ISCJB 27 07:08:17.4, 0.9, 14.35N, 0.06, 93.52W, 0.05, h10km, Error

GCG 27 07:08:18.9, 0.3, 16.22N, 92.39W, h165km, 54km, MD4.3

ISC 27 07:08:16.2, 1.2, 14.27N, 0.07, 93.44W, 0.05, h10km, n16,

1520N, Near coast of Chiapas

Table of meteorological data for station NEIC, including columns for code, station name, time, and various atmospheric parameters.

ISCJB 27 07:19:18.1, 0.2, 27.04N, 0.04, 65.53E, 0.03, h10km,

mb3.9/14, Error ellipse: s-maj=5.4km s-min=3.3km

IDC 27 07:19:18.2, 0.8, 27.04N, 65.53E, h0km, mb3.9/14,

mb1.4/0.15, mb1mx3.8/46, mbtmp3.9/15, ML4.1/1, Error

ellipse: s-maj=20.3km s-min=17.6km az=116.0

NEIC 27 07:19:22.1, 2.9, 27.04N, 0.65, 51E, 0.05, h24km, 5km,

mb4.1/16

ISC 27 07:19:20.2, 0.4, 27.02N, 0.06, 65.47E, 0.05, h10km, n77,

1573/84, mb4.0/21, Pakistan

Table of meteorological data for station Pakistan, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station HOQ, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station JMD, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station BAN, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station BSH, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station BVA, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station BVA, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station BVA, including columns for code, station name, time, and various atmospheric parameters.

Table of meteorological data for station BVA, including columns for code, station name, time, and various atmospheric parameters.



27d 8h

Table with columns for station code, name, coordinates, and various data points. Includes stations like PWRJ, WOJI, LHSI, etc.

2013 SEP

Table with columns for station code, name, coordinates, and various data points. Includes stations like MDJ, MDJ, MDJ, etc.

1456

Table with columns for station code, name, coordinates, and various data points. Includes stations like MK31, MK32, MKAR, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BRVK Borovoye, HRA Herat, TOO Toolangi, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BRTR Keskin Array B, ARCES ARCESS Array B, ARCES ARCESS Array C, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like CJR Cluj-Napoca, CJR Cluj-Napoca, TRPA Tarpa, UZH Uzhgorod, etc.

27d 8h

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MYKA Terra Mystica, KBA Koelnbreinsper, and many others.

2013 SEP

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like L56A Greenwood, M54A Oil Creek Stat, and many others.

1458

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LRAL Lakeview Retre, W54A Cherokee Point, and many others.

Table with columns: VTS, Vitosha, 2.07 71 ePg, P, 08 12 44.3 -0.5, etc.

SNET 27 08:16:19.8-0.7, 13°30'N-90°83'W, h62km, 9km, ML3.6

CGG 27 08:16:20.1-0.1, 13°05'N-90°88'W, h48km, 12km, MD3.4

ISC 27 08:16:19.3-3.6, 13.71N-02-90.9W-0.2, h76km, 24km, n14,

0567/20,2D,Near coast of Guatemala

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

Table with columns: SBL, San Blas, 1.22 82 i/P, P, 08 16 41.0 -0.2, etc.

MAN 27 08:19:04.8, 7.41N-124.70E, h17km, MS3.8, 2D,

Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

SOME 27 08:27:33.8, 49.42N-83.25E, h15km

NINC 27 08:27:40.1-2.4, 49.26N-83.64E, h0km, mb3.0, mpv2.6,

Error ellipse: s-maj=25.2km s-min=9.5km az=58.0,

Suspected Mining explosion.

ISC 27 08:27:31.9-2.0, 49.5N-0.1-83.5E-0.1, h0km, n6, 0537/10,

4C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

SOME 27 09:05:16.6-7.5, 31°33'S-178°27'W, h0km, mb3.4/2,

mb1 3.6/2, mb1mx3.4/22, mb1tmp3.4/2, Error ellipse:

s-maj=317.3km s-min=61.1km az=157.0, Kermadec

Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

AZER 27 10:02:37.0-0.3, 37°10'N-44°50'E, h9km, 8km, m1.4, 7/27,

ms3.0/1, Error ellipse: s-maj=29.8km s-min=3.1km az=33.0

NSSC 27 10:02:38.6-0.4, 35°30'N-46°04'E, h5km, 999km, ML3.9

DDA 27 10:02:40.4, 37°08'N-44°82'E, h5km, 2km, ML4.4

ISCBJ 27 10:02:41.8-0.5, 37°13'N-01-44°88'E-0.01, h7km, 3km,

mb4/64, MS3.7/34, Error ellipse: s-maj=2.1km

s-min=1.9km az=173.3

IDC 27 10:02:42.1-0.6, 37°10'N-44°74'E, h0km, mb4.1/21,

mb1 4.2/32, mb1mx3.4/48, mb1tmp4.2/32, ML4.0/8, MS3.6/33,

Ms1 3.6/33, ms1mx3.6/43, Error ellipse: s-maj=12.6km

s-min=10.2km az=167.0

MOS 27 10:02:42.1-1.4, 37°10'N-44°95'E, h15km, mb4.6/26, Error

ellipse: s-maj=5.3km s-min=3.0km az=98.0

BUI 27 10:02:43.6-0.0, 37°10'N-45°10'E, h20km, mb4.7/18,

mb4.9/13, Ms4.3/5, Ms7.4/1/3

TEH 27 10:02:43.3, 37°33'N-44°94'E, h6km, ML4.6

ISN 27 10:02:44.1-1.2, 37°15'N-44°88'E, h15km, 8km, ML4.6

DSN 27 10:02:44.5-0.5, 36°82'N-44°74'E, h15km, mb5.6/10, Error

ellipse: s-maj=9.6km s-min=3.7km az=77.0

GIL 27 10:02:45.0, 37°24'N-44°78'E, h5km, ML4.5/6

ISK 27 10:02:45.2-1.6, 37°04'N-45°17'E, h40km

THR 27 10:02:46.0, 37°36'N-45°13'E, h14km, ML4.6

NEIC 27 10:02:46.4-3.0, 37°27'N-01-05-44°85'E-0.07, h2km, 4km

ISC 27 10:02:42.9-1.0, 37°19'N-02-44°90'E-0.02, h6km, 7km,

n508, 01s87/532, mb4.5/80, MS3.7/34, 12C-12D,

Turkey-Iran border region

Table with columns: IMRD, Marand, 1.64 22 ePn, Pn, 10 03 10.8 -1.8, etc.

Table with columns: MSL, Mosul, 1.64 242 ePg, P, 10 03 13.0 -0.6, etc.

Table with columns: TVAN, Van, 1.78 319 i/P, P, 10 03 16.0 -0.2, etc.

Table with columns: YMRU, Van-Muradiye, 2.08 330 i/P, P, 10 03 21.6 +0.4, etc.

Table with columns: SBZ, Shahbuz, 2.26 13 ePn, Pn, 10 03 20.6 -0.3, etc.

Table with columns: SBZ, Sarab, 2.29 73 ePn, Pn, 10 03 23.9 -0.8, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 30.2 -0.4, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 33.6 +3.0, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 30.2 -0.4, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 33.6 +3.0, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 30.2 -0.4, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 33.6 +3.0, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 30.2 -0.4, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 33.6 +3.0, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 30.2 -0.4, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 33.6 +3.0, etc.

Table with columns: GNV, Garni, 2.95 358 P, Pn, 10 03 30.2 -0.4, etc.

Table with columns: QBL, Sheki, 4.39 23 P, Pn, 10 04 44.6 +2.9, etc.

Table with columns: SEKA, Sheki, 4.39 23 ePn, Pn, 10 03 50.7 +0.5, etc.

Table with columns: SEKA, Sheki, 4.39 23 P, Pn, 10 03 50.8 +0.5, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 ePn, Pn, 10 04 44.8 +3.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

Table with columns: SEKA, Ismayilli, 4.41 34 P, Pn, 10 03 50.5 +0.1, etc.

27d 10h

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like JDRJ, ZFYI, GEYT, etc.

2013 SEP

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like KWP, KK31, KK31, etc.

1460

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like KSH, KASHI, KASHI, etc.







NEIC 27 14:06:12.0,2.9,35.75N,0.05:25.73E,0.07,h14km,6km  
HLW 27 14:06:12.8,35.78N,25.96E,h10km,23km,Mo4,2,ML4,1  
ATH 27 14:06:12.8,35.81N,25.66E,h13km,ML3,8,22,Error  
ellipse: s-maj=0.8km s-min=0.5km az=106.0  
ISCJB 27 14:06:13.9,0.3,35.79N,0.01:25.68E,0.02,h32km,2km,  
mb4,0/10,Error ellipse: s-maj=2.4km s-min=2.4km  
az=28.4  
ISK 27 14:06:13.3,35.80N,25.69E,h14km,ML3,6,26  
THE 27 14:06:14.1,35.81N,25.67E,h19km,1km,ML3,9,15,Error  
ellipse: s-maj=1.5km s-min=0.4km az=41.0  
IDC 27 14:06:16.0,3.2,35.68N,25.78E,h37km,30km,mb4,0/10,  
mb1 3.9/13,mb1mx3.6/45,mbmp4.1/13,ML4,1/4,Error  
ellipse: s-maj=22.6km s-min=17.4km az=174.0  
DDA 27 14:06:27.8,36.74N,26.57E,h44km,3km,ML3,3  
ISC 27 14:06:12.9,0.8,35.80N,0.02:25.76E,0.02,h19km,2km,  
n206,0148/248,mb4,2/16,Crete

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Lists various stations like Neapolis, Anafisi, Santorini, etc.

Main table with columns: MHL0, Agia Marina, M, 1.41 309, P, S, AML, 14 06 38.1 +0.5, etc. Lists stations like Agia Marina, Chania, Plaka, etc.

Table with columns: PENT, FNA, KEK, SWA2, etc. Lists stations like Pentalofos, Kefar Szold, etc.



Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IPOC Station P, Minye Minye, and various local stations.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Mawson, Sonsea, YKAR, and various international stations.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like XAN, ILAR, ILAR, and various international stations.

Table listing astronomical observations for 27d 16h, including station names, coordinates, and observation details.

Table listing astronomical observations for 27d 16h, including station names, coordinates, and observation details.

Table listing astronomical observations for 27d 16h, including station names, coordinates, and observation details.

Text providing additional information and coordinates for the observations, including GUC 27 16:02:01.9, 0.5, 17.455:69.77W, h157km, 6km, ML3.6.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Barranco-do-Ve, EGRO, PVAQ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SULR, MILM, Milestii Mici, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GENI, JAY, Jayapura, etc.

ISC 27 16:11:10.51:7.45:55N:27.97E, h0km, mb3.7/2, mb1 3.7/4, mb1mx3.3/40, mbtmp3.7/4, ML3.1/3, Error ellipse: s-maj=24.3km s-min=10.6km az=131.0

ISC 27 16:11:12.0:0.4, 45.58N:01:27.91E:0.02, h6km, 2km, mb3.6/2, Error ellipse: s-maj=2.6km s-min=2.0km az=146.3

ISC 27 16:11:12.4:0.2, 45.55N:27.89E, h7km, 1km, ml3.2/36, Error ellipse: s-maj=2.30km s-min=1.4km az=51.0

Main table of station data for the first section, including codes like TUDR, GIUM, CFR, etc.

Main table of station data for the second section, including codes like KALB, RAZG, SORM, etc.

Main table of station data for the third section, including codes like USRK, HHC, LZH, etc.

NCC 27 16:15:42.6:11.0, 37.13N:70.78E, h66km, 344km, mb3.4, mpv3.7, 5C-3D, Error ellipse: s-maj=88.8km s-min=67.8km az=165.0, Afghaniestan-Tajikistan border region

Table of station data for the NCC event, including codes like KK31, HFS, etc.

ISC 27 16:34:50.0:0.3, 2.98S:136.86E:0.03, h32km, mb4.8/22, MS3.4/6, Error ellipse: s-maj=5.3km s-min=4.1km az=32.6

Table of station data for the ISC event, including codes like YAK, MKAR, etc.







27d 18h

Table of satellite data for the 27th day of the month, 18 hours. Columns include station ID (e.g., MK31, MKAR), frequency, polarization, and other technical parameters.

2013 SEP

Table of satellite data for the month of September 2013. Columns include station ID (e.g., BR231, VRH), frequency, polarization, and other technical parameters.

1470

Table of satellite data for the 1470 MHz frequency. Columns include station ID (e.g., CHAI, SORM), frequency, polarization, and other technical parameters.



27d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like Alice Springs, Inuvik, Murphree Dome, etc.

NNC 27 18:14:36.9±2.0, 37.80N±1.57E, h0km, mb4.1, mpv3.7, 2C-4D, Error ellipse: s-maj=15.0km s-min=12.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like AAK, KK31, TKM2, etc.

ATH 27 18:30:44.0, 38.39N±21.85E, h8km±3km, ML1.6/6, Error ellipse: s-maj=3.9km s-min=0.7km az=191.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like UP, TRIZ, LAKA, etc.

NIED 27 18:36:00.43±20N, 134.70E, h460km, Mw4.7 Best double couple: Mo1.46000±1016 NP1.355±00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like IS, MOS, BUI, SKHL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like GRTR, LKR, MRKA, etc.

2013 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like GRTR, USA0B, USURK, etc.

1472

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like GLVR, JRY, INU, etc.



Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LPSR Galich'ya Gora, STEIG Steigen, VSR Storzhevoye, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MHTO Molde, NB2 NORARS Subarra, NOA NORARS Array B, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MORC Moravsky Berou, RAZG Razgrad, CHVC Chvalce, etc.

Table of astronomical observations for 1475, listing stations like STKA, GROS, SOKA, YER, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2013 SEP, listing stations like ESDC, SMLC, MAW, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 27d 19h, listing stations like G005, RCDM, EL Roble, etc., with columns for station name, coordinates, and observation details.







STON	Ston	5.22 340	ePn	Pn	20 46 19.3	-0.2
UPM	Unac-Piva	5.29 350	ePn	Pn	20 46 24.4	+3.7
RUDO	Rudo	5.65 354	ePn	Pn	20 46 27.1	+1.6
MAKA	Makarska	5.80 337	i Pn	Pn	20 46 28.3	+0.5
HVAR	Hvar	5.99 333	ePn	Pn	20 46 29.3	+0.5
BBLs	Luzi&263;i	5.90 355	ePn	Pn	20 46 31.8	+2.9
DIVS	Dabibare	6.11 359	ePn	Pn	20 46 27.8	-4.0
HAPS	Han Pijesak, BI	6.16 352	ePn	Pn	20 46 34.0	+1.5
ZIRJ	Zirje	6.61 330	ePn	Pn	20 46 38.5	-0.1
ZIRJ	Kijevo	6.66 336	ePn	Sn	20 47 49.3	-4.8
KUJV	Morici	6.74 332	i Pn	Pn	20 47 09.8	+0.3
MORI	Morici	6.74 332	i Pn	Pn	20 46 42.2	+1.5
MORI	Morici	6.74 332	i Pn	Sn	20 47 54.2	-3.7
NVLJ	Novajla	7.67 331	ePn	Pn	20 46 54.0	+0.9
BOJS	Bojanci	8.35 336	i Pn	Pn	20 47 03.8	+1.3
BOJS	Bojanci	8.35 336	i Pn	Sn	20 48 34.5	-2.4
CRES	Cresnjev	8.57 337	ePn	Pn	20 47 06.1	+0.6
CRES	Cresnjev	8.57 337	ePn	Sn	20 48 38.1	-4.4
CRES	Cresnjev	8.57 337	ePn	Pn	20 47 06.0	+0.5
KNDS	Knezji Dol	8.67 332	i Pn	Pn	20 47 09.2	+2.2
KNDS	Knezji Dol	8.67 332	i Pn	Sn	20 48 42.6	-2.5
SKDS	Skadancina	8.83 331	i Pn	Pn	20 47 09.8	+0.3
SKDS	Skadancina	8.83 331	i Pn	Sn	20 48 45.1	-3.7
OBKA	Cerknica	8.84 333	ePn	Pn	20 47 09.5	+0.3
OBKA	Obir	9.47 336	i Pn	Pn	20 47 20.1	+2.3
OBKA	comp=N, 1.2nm, 0.2s		eSn	Sn	20 49 01.5	-3.1
SOKA	Soboth	9.47 338	i Pn	Pn	20 47 18.1	+0.2
SOKA	comp=N, 0.8nm, 0.3s		eSn	Sn	20 49 00.1	-4.5
SOKA	comp=N, 0.6nm, 0.3s		eSn	Sn	20 49 00.1	-4.5
ABTA	Abfalterbach	10.41 330	eSn	Sn	20 49 25.1	-2.6
ABTA	comp=N, 1.2nm, 0.4s		eSn	Sn	20 49 25.1	-2.6
VYHS	Vyhne	10.54 355	ePn	Pn	20 47 27.5	-5.1
MOA	Molin	10.75 338	i Pn	Pn	20 47 37.1	+1.7
MOA	comp=N, 0.7nm, 0.3s		eSn	Sn	20 47 37.1	+1.7
FINES	FINES Array B	23.77 7 P	P	P	20 50 18.2	+4.3
MKAR	Makanchi Array	45.66 58 P	P	P	20 53 21.9	-0.4
MKAR	comp=N, 0.2nm, 0.4s, bsz=27.6, SNR=8.6		eSn	Sn	20 53 21.9	-0.4
ZALV	Zalesovo Beam	46.04 48 P	P	P	20 53 25.0	-0.2
ZALV	comp=N, 0.7nm, 0.4s, bsz=28.4, slow=9.6, SNR=5.7		eSn	Sn	20 53 25.0	-0.2
SONM	Songino Array	60.81 50 P	P	P	20 55 13.5	-0.4
SONM	comp=N, 0.1nm, 0.4s, bsz=289, slow=9.0, SNR=2.4		eSn	Sn	20 55 13.5	-0.4

ISCJB 27:21:04:06.9.0.5, 9.87S; 0.06e:118.83E:0.04, h46km, mb3.7/4, MS3.6/2, Error ellipse: s-maj=9.0km s-min=4.7km az=15.5

DJA 27:21:04:07.8.6.10, 10.54S; 111.99E:0.04, h25km, mb3.6/4, MLv4.1/9

ISC 27:21:04:13.9.3.1, 9.49S; 119.17E: h108km, mb3.4/4, mb1 3.3/8, mb1mx3.2/28, mbtmp3.7/8, MS3.3/3, ms1mx2.9/15, Error ellipse: s-maj=34.3km s-min=11.7km az=63.0

ISC 27:21:04:06.6.0.7, 9.86S; 0.06e:118.86E:0.04, h46km, n23, c313/25, mb3.8/4, Sumbawa region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
WBSI	Waikabubak, Su	0.57 67	P	P	21 04 19.4	+0.9
WBSI	WBSI	1.43 82	S	S	21 04 28.2	+1.1
WSI	Waiwangpu	1.47 87	P	P	21 04 32.4	+2.4
PLAI	Plampang	1.48 314	P	P	21 04 32.0	+1.2
PLAI	PLAI		S	S	21 04 50.5	+1.5
MMRI	Maumere	3.55 70	P	P	21 05 02.0	+2.8
IGBI	Denpasar	3.81 285	P	P	21 05 03.6	+0.9
IGBI	IGBI		S	S	21 05 48.2	+1.9
BKSI	Bulukumba	4.68 16	P	P	21 05 16.8	+1.8
BKSI	BKSI		S	S	21 06 07.2	-0.6
BATI	Baumata	4.75 95	P	P	21 05 18.6	+3.0
BATI	29nm, 0.3s, bsz=273, slow=13, SNR=20		eSn	Sn	21 05 18.6	+3.0
BATI	5.5nm, 0.3s, bsz=190, slow=11.5, SNR=3.6		eSn	Sn	21 06 12.0	+2.5
BATI	Baumata	4.75 95	P	P	21 05 18.6	+3.0
JAGI	Jajag, Banyuwu	4.85 286	P	P	21 05 18.1	+1.1
KAPI	Kappang	4.90 10	P	P	21 05 20.2	+2.5
KAPI	5.1nm, 0.3s, bsz=196, slow=5.3, SNR=6.6		eSn	Sn	21 06 11.7	-1.4
FITZ	Fitzroy Crossi	10.50 142	P	P	21 06 36.0	+1.4
FITZ	0.2nm, 0.3s, bsz=330, slow=8.3, SNR=6.3		eSn	Sn	21 06 36.0	+1.4
FITZ	0.4nm, 0.3s, bsz=187, slow=13, SNR=6.0		eSn	Sn	21 08 25.9	-5.0
WRA	Warrungarra Arr	17.99 126	P	P	21 08 16.2	+2.8
WRA	0.1nm, 0.3s, bsz=297, slow=13.3, SNR=3.9		eSn	Sn	21 11 23.5	-10
WRA	0.1nm, 0.3s, bsz=295, slow=12.4, SNR=3.4		eSn	Sn	21 11 23.5	-10
DAV	Davao City (W)	18.10 22	LR	LR	21 15 24.1	
DAV	comp=Z, 2.9nm, 1.9s, bsz=148, slow=38		eLR	LR	21 15 24.1	
ASAR	Alice Springs	19.77 136	P	P	21 08 37.4	+1.4
ASAR	0.1nm, 0.3s, bsz=310, slow=9.9, SNR=8.9		eSn	Pn	21 08 37.4	+1.4
PMG	Port Moresby	27.90 91	LR	LR	21 24 13.1	
PMG	comp=Z, 1.60nm, 18.1s, bsz=356, slow=43		eLR	LR	21 24 13.1	
H0S2	Diego Garcia H	45.85 269	T	T	22 01 40.3	
H0S2	baz=96, slow=75, SNR=25		eT	T	22 01 40.3	
H0S3	Diego Garcia H	45.86 269	T	T	22 01 40.3	
H0S3	baz=96, slow=75, SNR=17		eT	T	22 01 40.3	
H0S1	Diego Garcia H	45.87 269	T	T	22 01 41.2	
H0S1	baz=96, slow=75, SNR=14		eT	T	22 01 41.2	
USRK	Ussuriysk Arr	55.11 11	P	P	21 13 17.1	-2.3
USRK	0.9nm, 0.7s, bsz=211, slow=8.1, SNR=3.3		eP	P	21 13 17.1	-2.3
SONM	Songino Array	58.50 350	P	P	21 13 56.5	-1.7
SONM	0.5nm, 0.8s, bsz=132, slow=7.1, SNR=4.0		eP	P	21 13 56.5	-1.7
MKAR	Makanchi Array	65.16 333	P	P	21 14 41.9	-1.0
MKAR	0.2nm, 0.6s, bsz=149, slow=7.9, SNR=5.1		eP	P	21 14 41.9	-1.0
MAW	Mawson	68.38 200	P	P	21 15 06.5	+3.5
MAW	0.9nm, 0.7s, bsz=75, slow=5.5, SNR=6.7		eP	P	21 15 06.5	+3.5
GEYT	Alibek	73.94 314	LR	LR	21 52 57.5	
GEYT	comp=Z, 2.9nm, 19.6s, bsz=180, slow=40		eLR	LR	21 52 57.5	

ISC 27:21:44:01.3.1.8, 27.57S; 176.18W, h0km, mb3.5/3, mb1 3.9/4, mb1mx3.7/29, mbtmp3.6/4, ML4.7/1, Error ellipse: s-maj=51.1km s-min=28.6km az=143.0, Kermadec Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
RAO	Raoul Island	2.27 222	Op	P	21 44 38.9	+1.1
RAO	181nm, 0.3s, bsz=13, slow=18, SNR=16		eP	P	21 44 38.9	+1.1
RAO	501nm, 0.3s, bsz=357, slow=23, SNR=10		eSn	Sn	21 45 04.9	-3.9
HNR	Honiara	28.84 304	P	P	21 50 00.7	-0.9
HNR	109nm, 0.5s, bsz=158, slow=5.9, SNR=4.9		eP	P	21 50 00.7	-0.9
ASAR	Alice Springs	44.94 263	P	P	21 52 18.6	+0.3
ASAR	0.3nm, 0.5s, bsz=100, slow=7.0, SNR=3.3		eP	P	21 52 18.6	+0.3
WRA	Warrungarra Arr	45.68 268	P	P	21 52 24.9	+0.7
WRA	0.3nm, 0.6s, bsz=109, slow=7.9, SNR=4.9		eP	P	21 52 24.9	+0.7
NVAR	Mina Array Bea	85.08 42	P	P	21 56 39.2	0.0
NVAR	0.5nm, 0.9s, bsz=210, slow=5.2, SNR=3.2		eP	P	21 56 39.2	0.0

MEX 27:21:50:49.8.0.3, 14.71N; 93.25W, h32km, gkm, MD3.6, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
THG	THG	0.97 78	iP	P	21 51 05.8	-1.5
THG	THG		eP	P	21 51 17.2	-2.7
PCIG	PCIG	0.99 78	iS	P	21 51 05.5	-2.0
PCIG	PCIG		eS	P	21 51 17.4	-2.9
CCIG	Comitan	1.89 34	iP	P	21 51 18.3	-1.8
CCIG	CCIG		iS	P	21 51 40.8	-2.2
TGIG	TGIG	2.06 3	iP	P	21 51 20.2	-2.0
TGIG	TGIG		eS	P	21 51 44.3	-2.6

ISCJB 27:21:52:46.5.0.2, 10.19S; 0.03:160.70E:0.03, h37km, mb5.2/78, MS4.1/24, Error ellipse: s-maj=4.3km s-min=3.9km az=37.2

GCMT 27:21:52:47.6.0.4, 10.14S; 0.02:160.72E:0.03, h31km, MW5.0/67, Moment Tensor Solution. s43,c45; s67,c83; Duration: 0 Moment tensor: Scale 10<sup>19</sup>Nm; Mw:3.92±0.20; Mo=2.73±.12; Mo=0.86±.12; Mo=0.60±.14; Mo=0.79±.08; Mo=0.36±.17; Best double couple: M3.37700/1016 NP1.292.00000°, 651.00000°, 192.00000°. NP2: 0±108.00000°, 339.00000°, 187.00000°. Principal axes: T 3.6650, Plg84.0000°, Azm217.0000°; N -0.5770, Plg2.0000°, Azm111.0000°; P -3.0880, Plg9.0000°

Azm20.0000°: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function  
 BUJ 27:21:52:47.1.0.0, 9.94S; 161.01E, h45km, mb4.9/49, mb5.1/34, MS4.6/10, Ms7 4.3/12  
 MOS 27:21:52:47.3.0.9, 10.16S; 160.68E, h45km, mb5.0/12, Error ellipse: s-maj=9.5km s-min=7.7km az=100.7  
 IDC 27:21:52:47.8.2.1, 10.23S; 160.79E, h36km, mb4.6/24, mb1 4.6/27, mb1mx4.6/34, mbtmp4.7/27, ML3.8/2, MS4.0/20, Ms1 4.0/20, ms1mx4.0/21, Error ellipse: s-maj=14.3km s-min=11.6km az=89.0  
 NEIC 27:21:52:49.9.1.2, 10.18S; 0.08:160.71E:0.09, h47km, 5km, mb5.0/15

ISC 27:21:52:48.0.0.3, 10.25S; 0.05:160.73E:0.05, h37km, n293, 1806/277, mb5.0/116, MS4.1/24, 2C-1D, Bougainville-Solomon Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
HNR	Honiara	1.12 316	Op	P	21 53 07.8	+0.7
HNR	463nm, 0.3s, bsz=144, slow=1.9, SNR=58		eP	P	21 53 07.8	+0.7
HNR	3um, 0.3s, bsz=212, slow=24, SNR=28		eSn	Sn	21 53 23.3	+2.1
HNR	Honiara	1.12 316	P	P	21 53 07.9	+0.9
HNR	Honiara	1.12 316	iS	P	21 53 08.0	+0.9
HNR	Honiara	1.12 316	iS	LR	21 53 30.0	+1.1
KRVT	Keravat (AS076	10.45 304	LR	LR	21 59 46.3	
KRVT	comp=Z, 702nm, 19.7s, bsz=118, slow=40		eLR	LR	21 59 46.3	
DZM	Mont Dzumac	12.97 156	eP	P	21 55 52.4	+2.5
DZM	72nm, 1.6s		eLR	LR	21 58 55.3	
DZM	comp=Z, 2.0nm, 24.3s		eLR	LR	21 58 55.3	
DZM	Mont Dzumac	12.97 156	P	P	21 55 50.2	+0.3
DZM	0.4nm, 0.3s, bsz=16, slow=9.8, SNR=36		eSn	Sn	21 58 07.0	-6.0
DZM	comp=Z, 7.7, slow=20, SNR=1.4		eLR	LR	22 00 18.2	
DZM	comp=Z, 1um, 18.9s, bsz=21, slow=35		eLR	LR	22 00 18.2	
DZM	Mont Dzumac	12.97 156	P	P	21 55 52.1	+2.2
ONTNC	Ouen Toro	13.19 156	P	P	21 55 55.3	+2.5
MARNC	Mare, Loyalty	13.19 149	P	P	21 55 54.5	+1.7
PMG	Port Moresby	13.40 272	P	P	21 55 54.5	-1.2
PMG	0.1nm, 0.3s, bsz=96, slow=18, SNR=2.6		eLR	LR	22 00 56.9	
PMG	comp=Z, 1um, 18.9s, bsz=105, slow=36		eLR	LR	22 00 56.9	
PINC	Pines Island	13.88 153	P	P	21 56 03.1	+1.0
CTA	Charters Tower	17.04 233	P	P	21 56 44.4	-0.6
CTA	0.3nm, 0.3s, bsz=56, slow=15, SNR=11		eSn	Sn	21 59 47.8	-4.2
CTA	0.3nm, 0.3s, bsz=243, slow=17, SNR=2.1		eSn	Sn	21 59 47.8	-4.2
CTAO	Charters Tower	17.04 233	P	P	21 56 45.0	0.0
CTAO	comp=Z, 2.3nm, 1.9s		ePmax	Pmax	21 56 45.0	0.0
CTAO	Charters Tower	17.04 233	P	P	21 56 45.0	0.0
COEN	Coen	17.55 256	P	P	21 56 51.6	+0.9
EIDS	Eidsvold	17.61 210	P	P	21 56 52.5	+1.3
FUNA	Funafuti	18.80 86	P	P	21 56 59.5	+0.4
FUNA	FUNA		Iamb	Iamb	21 57 02.5	
JAY	Jayapura	21.32 290	P	P	21 57 32.0	+0.1
JAY	comp=Z, 2.0nm, 0.8s, bsz=1					

Table with columns: KMI, comp-Z, pmax, pmax, COLA, CIGO, UAF Yank, 84.13, 20, P, 22 05 14.5 -0.3, TORO, Torodi Ar. Bea, 159.27, 280, PKPab, PKPab, 22 13 20.4 -0.4

Table with columns: COLA, CIGO, UAF Yank, 84.13, 20, P, 22 05 14.5 -0.3, TORO, Torodi Ar. Bea, 159.27, 280, PKPab, PKPab, 22 13 20.4 -0.4

Table with columns: TORO, Torodi Ar. Bea, 159.27, 280, PKPab, PKPab, 22 13 20.4 -0.4, WEL 27 22:19:59.20.9, 32.515, 179E.3, 8h, 141km, 72km, M4.5/8, mB5.0/7, ML4.8/11, MLv4.7/8, Mw(MB)4.3/7, Error ellipse: s-maj=0.1km s-min=0.0km az=110.6, South of Kermadec Islands

27Z 23h

Table with columns: LPAZ, La Paz, 57.78 71 P, P, 22 42 10.4 -0.2, NWF Wu-fen Shan, 0.57 292, P, Pb, 22 52 37.5 +0.4, etc.

ISCJB 27 22:33:33.2.1.0.28:25N.0:04:51.49E.0:10:h24km, Error ellipse: s-maj=13.2km s-min=4.1km az=160.2

Table with columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, etc.

ISC 27 22:44:00.5.2.4.16765x177.03W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/2, mbtmp3.7/4, Error ellipse: s-maj=135.4km s-min=29.0km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, etc.

ISCJB 27 22:52:25.4.0.5.24:84N.0:02:122:39E.0:02:h13km, km, Error ellipse: s-maj=3.6km s-min=2.6km az=21.1

Table with columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, etc.

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Main table with columns: NWF Wu-fen Shan, 0.57 292, P, Pb, 22 52 37.5 +0.4, WFSB Wu-fen Shan, 0.57 292, P, Pb, 22 52 37.5 +0.5, etc.

1480

Table with columns: CHN4 Tsoushan, 2.20 228, eP, Pn, 22 53 02.4 +1.4, CHN4, 226, eS, Sn, 22 53 28.8 +1.3, etc.

ISCJB 27 22:59:02.5.1.5.3:05:0:2:139:2E:0:2, h46km, mb3.5/2, Error ellipse: s-maj=31.0km s-min=13.5km az=41.0

ISC 27 23:13:02.3.1.0.5:01S:0:09:153:4E:0:1, h56km, n13, c098/14, mb3.9/7, New Ireland region

Table with columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, etc.

ISC 27 23:27:54.8.5.5.38:97N:110:70E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.5/4, mbtmp3.8/5, ML3.0/1, MS2.5/1, Ms1 2.5/1, ms1mx2.2/46, Error ellipse: s-maj=116.5km s-min=23.4km az=85.0, Western Nel Mongol

Table with columns: Code, Station Name, Az, Az, Phase ID, Op, ISC, Time, Res, etc.

PB03		eS	Sn	23 55 01.4 +0.4	
MNMCX	Minye Minye	1.75 36	eP	23 54 41.3 +0.2	
MNMCX		iS	Pb	23 55 03.7 +0.3	
PB09	IPOC Station P	1.82 133	iP	23 54 41.1 +1.6	
PB09		iS	Pn	23 55 01.4 +0.5	
PB09		IAML	Pn	23 55 08.8	
comp=E,402nm,0.2s					
PB04	IPOC Station P	1.83 164	iP	23 54 41.1 +0.7	
PB04		eS	Pn	23 55 04.9 +1.0	
PB04		eP	Sn	23 54 40.5 +0.1	
PB04		iS	Sn	23 55 04.8 +0.8	
PB04		IAML	Pn	23 55 10.5	
comp=Z,229nm,0.2s					
PB12	IPOC Station P	1.97 10	eP	23 54 44.3 -1.9	
PB12		eS	Pg	23 55 09.8 -1.9	
PB12		IAML	Pn	23 55 18.0	
comp=E,181nm,0.7s					
PB06	IPOC Station P	2.37 154	iP	23 54 47.8 0.0	
PB06		iS	Pn	23 55 20.8 -0.2	
PB06		IAML	Pn	23 55 26.5	
comp=Z,171nm,0.3s					
PB16	IPOC Station P	2.48 27	eP	23 54 52.0 -1.6	
PB16		eS	Pb	23 55 25.0 +0.5	
PB16		iS	Pn	23 55 27.8	
comp=N,91nm,0.4s					
PB16	IPOC Station P	2.48 27	eP	23 54 52.0 -1.6	
PB16		eS	Pb	23 55 23.6 -0.9	
PB16		iS	Pn	23 54 53.6 +2.2	
comp=N,8.8nm,0.3s,baz=317,slow=13,SNR=47					
LVC				23 55 24.3 +0.7	
comp=N,9.3nm,0.3s,baz=75,slow=19,SNR=6.3					
PB15	IPOC Station P	2.86 157	eP	23 54 55.1 +0.4	
PB15		iS	Pn	23 55 31.7 +2.3	
PB15		IAML	Pn	23 55 44.5	
comp=Z,255nm,0.5s					
La Paz		4.89 30	P	23 55 26.6 +3.7	
SIV	San Ignacio	10.20 65	P	23 56 36.6 +1.3	
comp=Z,0.4nm,0.3s,baz=212,slow=13,SNR=7.2					
TORD	Tordi Ar. Bea	78.61 71	P	00 06 10.4 -0.9	
comp=Z,0.3nm,0.6s,baz=233,slow=5.0,SNR=7.8					
H1S2	WAKE ISLAND Hy26.11 278	T	T	02 32 13.0	
H1S1	WAKE ISLAND Hy26.12 278	T	T	02 32 11.4	
H1S3	WAKE ISLAND Hy26.13 278	T	T	02 32 15.8	
H1N3	WAKE ISLAND Hy26.18 280	T	T	02 32 16.2	
H1N2	WAKE ISLAND Hy26.19 280	T	T	02 32 19.0	
H1N1	WAKE ISLAND Hy26.19 280	T	T	02 32 17.8	
MKAR	Makanchi Array	145.81 34	PKPbc	00 13 48.5 -0.2	
comp=Z,0.3nm,0.8s,baz=306,slow=2.8,SNR=2.5					

TRN 28:00:30:23.8, 16:92N-61:16W, h18km, MD3.5, Leeward

Islands					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ABD	La Joyeuse, An	0.55 216	eP	00 30 37.1 +0.4	
BPA	Boggy Peak	0.68 281	eP	00 30 40.1 +1.6	
BPA		eS	Pn	00 30 50.4 +1.6	
CBE	Ff. Capester	0.95 207	eP	00 30 43.3 +0.4	
ANWB	Willie Bay	0.96 321	eP	00 30 52.8 +0.4	
TDBA	Terry de Bas,	1.16 203	eP	00 30 46.6 +0.3	
MDPV	Dominica, Penn	1.31 191	eP	00 30 49.5 +0.4	
DWS	Wesley	1.35 186	eP	00 30 50.2 +0.2	
DWS		eS	Pn	00 31 08.4 +0.7	
MDO	Dominica; Chan	1.37 192	eP	00 31 09.7 +0.4	
MDPO		eS	Pg	00 31 08.3 +0.2	
NEV	Hard Times	1.37 279	eP	00 30 50.5 +0.2	
NEV		eS	Pn	00 31 08.8 +0.6	
NVRH	Round Hill, Ne	1.41 281	eP	00 30 50.1 +0.6	
NVRH		eS	Pn	00 31 09.5 +0.2	
NVBH	Bath Hotel, Ne	1.41 278	eP	00 30 50.0 +0.4	
NVBH		eS	Pn	00 31 09.4 -0.1	
NVDO	Nevis, Disaste	1.41 278	eS	00 31 10.3 +0.7	
SKOC	St. Kitts, UWI	1.55 284	eP	00 30 52.6 +0.6	
SKOC		eS	Pn	00 31 14.1 +0.1	
SKI	Saint Kitts	1.57 285	eP	00 31 13.5 -1.0	
DLPL	La Plaine	1.58 183	eP	00 30 53.5 -0.8	
SKDB	Saint Kitts 2	1.65 287	eP	00 30 53.9 +0.2	
BSK	Brimstone Hill	1.67 285	eP	00 30 53.9 0.0	
BAFM	Morne Belair	2.09 180	eP	00 30 59.7 -1.6	
PCM	Peleee Case Pet	2.10 181	eP	00 30 59.8 -1.5	
CXM	Morne La Croix	2.10 180	eP	00 30 59.9 -1.5	
GBMF	Grand Be	2.11 180	eP	00 31 00.1 -1.5	
PML	Morne Lenard	2.13 181	eP	00 31 00.2 -1.7	
SMRT	St. Maarten	2.15 302	eP	00 31 00.9 -1.3	
SMRT		eS	Pn	00 31 27.4 -1.1	
BDF	Fort de France	2.18 180	eP	00 31 00.8 +1.6	
FIM	Bigot	2.39 178	eP	00 31 03.8 +1.7	
MPOM	Morne Pois Mar	2.48 173	eP	00 31 05.2 +1.9	

OTT 28:00:34:27.2, 0.2, 44:66N:56:38W, h18km, ML3.8/20, Laurentian Slope Seismic Zone. 276km south from Grand Bank

ISC 28:00:34:31.8, 3.0, 44:36N:0:10:57.0W:0:1, h10km, n36, e124.55, North Atlantic Ocean					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CHEG	Cheticamp, Nov	3.14 307	Op	00 35 23.0 +1.7	
CHEG		PN	Pn	00 36 03.9 -2.2	
CHEG		SN	Sb	00 36 13.6	
comp=Z,24nm,0.1s					
GBN	Guysborough	3.20 280	PN	00 35 23.4 +1.4	
GBN		SN	Pn	00 36 05.6 -2.0	
GBN		Trac	Pn	00 36 09.6	
comp=Z,42nm,0.1s					
DRLN	Deer Lake	4.31 356	PN	00 35 35.3 -2.0	
DRLN		SN	Sn	00 36 27.3 -0.3	
DRLN		Trac	Pn	00 36 28.9	
comp=Z,20nm,0.1s					
HAL	Halifax	4.68 268	PN	00 35 42.9 +0.6	
HAL		SN	Pn	00 36 37.9 +1.2	
HAL		Trac	Pn	00 36 39.5	
comp=Z,26nm,0.1s					
LMN	Caledonia Moun	5.54 282	PN	00 35 55.5 +1.2	
LMN		SN	Sn	00 37 00.7 +2.6	
LMN		Trac	Pn	00 37 05.8	
comp=Z,14nm,0.2s					
SVNB	Stilesville Qu	5.63 285	PN	00 35 56.8 +1.3	
SVNB		SN	Pn	00 37 03.9 +3.6	
SVNB		LG	Lg	00 37 05.2	
SVNB		Trac	Pn	00 37 08.5	
comp=Z,20nm,0.0s					
HKNB	Havelock Quarr	5.96 283	PN	00 36 00.9 +0.9	
HKNB		SN	Sn	00 37 11.1 +2.9	
HKNB		Trac	Pn	00 37 13.3	
comp=Z,40nm,0.2s					
WCNB	Wards Creek	6.02 280	PN	00 36 01.6 +0.6	
WCNB		SN	Pn	00 37 12.1 +2.4	
WCNB		Trac	Pn	00 37 17.0	
comp=Z,9.9nm,0.1s					
SRNB	Snyder Mountain	6.12 281	PN	00 36 02.9 +0.8	
SRNB		SN	Sn	00 37 14.0 +1.8	
SRNB		Trac	Pn	00 37 16.6	
comp=Z,21nm,0.2s					
NATG	Natashquan Que	6.60 326	PN	00 36 09.7 +0.9	
NATG		Trac	Pn	00 37 29.9	
comp=Z,6.4nm,0.1s					
BATG	Bathurst New B	6.69 293	PN	00 36 11.0 +1.1	
BATG		SN	Sn	00 37 28.1 +2.0	
BATG		Trac	Pn	00 37 32.1	
comp=Z,20nm,0.1s					
GGN	Saint George	6.95 275	PN	00 36 13.6 0.0	
GGN		SN	Pn	00 37 32.2 -0.4	
GGN		Trac	Pn	00 37 35.2	
comp=Z,7.9nm,0.1s					
H66A	Whiting	7.30 272	P	00 36 17.7 -0.7	
G65A	Princeton	7.46 276	P	00 36 20.2 -0.3	
E64A	Bridgewater	7.70 285	P	00 36 23.6 -0.2	
G5Q	Grosses Roches	7.95 303	PN	00 36 28.2 +1.0	

GSQ	SN	SN	SN	SN
GSQ		00 37 57.9 +0.8		
GSQ		00 38 07.2		
comp=Z,4.1nm,0.2s				
H65A	Eastbrook	7.98 272	P	00 36 26.9 -0.8
D63A	Stockholm	7.98 289	P	00 36 28.0 +0.2
F64A	Sherman	8.01 280	P	00 36 27.8 -0.3
E63A	baz=94	8.11 284	P	00 36 29.7 +0.3
G64A	Maxfield	8.30 276	P	00 36 31.4 -0.7
ICQ	Pointe Anglais	8.32 307	PN	00 36 33.2 +0.8
ICQ		SN	Sn	00 38 06.8 +0.4
ICQ		Trac	Pn	00 38 11.9
comp=Z,6.5nm,0.2s				
SMQ	Clarke City	8.39 312	PN	00 36 33.2 -0.1
SMQ		SN	Sn	00 38 07.5 -0.5
SMQ		Trac	Pn	00 38 11.5
comp=Z,5.3nm,0.2s				
F63A	Nahmakanta, Br	8.54 279	P	00 36 34.7 -0.7
KMGK	Peaks-Kenny Pk	8.68 276	P	00 36 36.5 -0.7
PKME	Peaks-Kenny Pk	8.68 276	PN	00 36 37.2 -0.1
PKME		SN	Sn	00 38 14.0 -1.1
PKME		Trac	Pn	00 38 23.4
comp=Z,1.1nm,0.3s				
CNQ	Baie Comeau	8.69 304	PN	00 36 38.4 +1.0
CNQ		SN	Sn	00 38 15.9 +0.5
CNQ		Trac	Pn	00 38 23.0
G63A		8.91 275	P	00 36 40.0 -0.5
comp=Z,2.8nm,0.1s				
I64A	Boothbay	9.08 268	P	00 36 41.5 -1.2
A21	Saint Andre	9.18 292	PN	00 36 44.5 +0.4
A21		SN	Sn	00 38 27.4 +0.1
A21		Trac	Pn	00 38 33.4
comp=Z,7.1nm,0.2s				
G62A	West of Eustis	9.55 276	P	00 36 48.7 -0.6
LMQ	La Malbaie	9.56 290	SN	00 38 36.5 -0.5
LMQ		Trac	Pn	00 38 42.2
comp=Z,4.0nm,0.1s				
MNQ	Manicouagan	9.67 309	PN	00 36 51.0 +0.1
MNQ		SN	Sn	00 38 43.3 +0.2
MNQ		Trac	Pn	00 38 43.0
comp=Z,3.2nm,0.2s				
D60A	Saint Jean D'O	9.87 286	P	00 36 53.1 -0.5
DAQ	Lac Daran	10.25 292	PN	00 36 58.1 -0.8
DAQ		SN	Sn	00 38 53.4 -0.5
DAQ		Trac	Pn	00 38 59.5
comp=Z,5.3nm,0.2s				
I62A	Tamworth	10.29 269	P	00 36 59.4 0.0

ISCJB 28:00:34:30.5:0.4, 50:10N:0:02:18:34E:0:03, h0km, Error ellipse: s-maj=3.3km, s-min=2.3km, az=10.7  
 VIE 28:00:34:31.6:1.1, 50:09N:18:37E, h0km, mb1,8/4, m2.5/4, Error ellipse: s-maj=8.9km, s-min=6.3km, az=75.0, Suspected Mining induced.

IPEC 28:00:34:31.8:0.2, 50:09N:18:44E, h0km, ML1.9/3, Error ellipse: s-maj=2.9km, s-min=1.1km, az=155.0  
 PRU 28:00:34:32.1:0.5, 50:09N:18:30E, h0km, Error ellipse: s-maj=3.15, s-min=0.8, 50:05N:0:03:18:41E:0:02, h0km, n31, e098/71, Poland

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
RAC	Raciborz	0.14 285	iP	00 34 36.1 +1.9	
RAC		eS	Pg	00 34 36.1 +1.9	
RAC		eS	Pg	00 34 39.4 +3.4	
RAC		eS	Pg	00 34 39.4 +3.4	
OKC	Ostrava-Krasne	0.27 219	eP	00 34 37.8 +1.2	
OKC		eS	Sb	00 34 42.3 -2.0	
comp=Z,161nm,0.9s					
CHZP	Chorzow	0.45 57	eP	00 34 40.6 +0.5	
CHZP		eS	Pg	00 34 40.6 +0.5	
CHZP		eS	Pg	00 34 46.8 +0.9	
CHZP		eS	Pg	00 34 46.8 +0.9	
MORC	Moravsky Berou	0.62 245	eP	00 34 44.3 -0.9	
MORC		eS	Pg	00 34 52.5 +1.1	
MORC		eS	Pg	00 34 44.3 -0.9	
comp=Z,20nm,0.1s,baz=61					
OJC	Ojcow	0.91 79	eP	00 34 52.4 +1.1	
QJC		eP	Pg	00 34 48.7 -0.3	
QJC		eS	Pg	00 34 48.7 -0.3	
QJC		eS	Pg	00 35 00.7 -0.1	
QJC		eS	Pg	00 35 00.7 -0.1	
KRLC	Kraliky	1.05 272	eP	00 34 51.4 -0.1	
KRLC		eS	Pg	00 35 04.9 -0.2	
comp=Z,7.4nm,0.2s					
LANS	Liptovsky Anna	1.13 142	eP	00 34 53.8 -0.1	
LANS		eS	Lg	00 35 10.1 +0.9	
LANS		eS	Lg	00 35 12.5	
JAVC	Velka Javorina	1.28 202	eP	00 34 57.1 +0.4	
JAVC		eS	Pn	00 34 57.1 +0.4	
DPC	Dobruska-Polom	1.37 284	eP	00 34 57.6 -0.2	
DPC		eS	Pg	00 35 16.0 -0.2	
comp=Z,55nm,0.3s					
VRAC	Vranov	1.39 239	eP	00 34 58.2 -0.1	
VRAC		eS	Pn	00 35 16.8 -0.4	
VRAC		eS	Pn	00 34 58.1 0.0	
comp=Z,4nm,0.5s,baz=128,slow=17,SNR=8.4					
VRAC		16nm,0.2s,baz=56	eS	00 35 16.7 -0.4	
KSP	Ksiaz	1.57 301	eP	00 35 00.0 -0.6	
KSP		eP	Pg	00 35 00.0 -0.6	
KSP		eP	Pg	00 35 01.6 +0.1	
KSP		eP	Pg	00 35 01.6	

28d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMG Sogingo Array, KIRV Kirov, TORO Torodi Ar. Bea.

GCG 28 02:10:12.7±0.3, 13°12'N, 91°35'W, h0km±111km, MD3.9, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IXXG Ixpaco, FUG Fuego 3, MOYG Moyuta, Jutiap, NBG Las Nubes.

NIED 28 02:11:00.37, 10N, 141°40'E, h47km, Mw3.8 Best double couple: M0.21000, 1014 NP1.38189, 00000, 821.00000, 1.76.00000, NP2.3824.00000, 870.00000, 1.95.00000, Error ellipse: s-maj=34.6km s-min=23.1km az=83.0

ISCJB 28 02:11:45.2±1.8, 37°12'N, 105°141'49E, 0.09, h30km±11km, n32, c118/35, mb3.6/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishi, JFDD Fukushimafurud, JIMST Minamisoumatoc, JHO Hitachi, JMM Marumori, JOT Otama, JIO Ouri, JOU Okura, JFY Yanaizu, JYS Shirataka, MJAR Matsushiro Arr, MAT Matsushiro, ASAJ Asahikawa, USRK Ussuriysk Ar, KSRS Korea Array, SONMG Sogingo Array, H1N12 WAKE ISLAND Hy 28.14 121, H1N13 WAKE ISLAND Hy 28.15 121, H1N14 WAKE ISLAND Hy 28.16 121, H1S11 WAKE ISLAND Hy 28.86 123, H1S13 WAKE ISLAND Hy 28.87 123, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr, KIRV Kirov, NB2 NORSAR Subarra, NOA NORSAR Array B, AKASG Malin Array Be, GERES GERES Array B.

IDC 28 02:14:45.0±82.0, 27°34'S, 120°46'E, h0km, Error ellipse: s-maj=216.6km s-min=142.8km az=21.0, Western Australia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NRN Naryn, KZA Kyzart, ARS Arslanbob, ULHL Ulahol, UCH Uchtor, KDJ Kajisay, AML Almayashu, BOOM Boomskeye usch, KBK Karagaybulak, AAK Ala-Archa, FRU1 Bishkek, EKS2 Erkin-Say, TKM2 Tokmak 2, ARK Arkit, ARK Arkit, CHMS Chumysh, CHMS Chumysh, BTk Batken, BTk Batken, KST Kastek.

IDC 28 02:19:10.0±4.0, 39°19'N, 75°16'E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=40.6km s-min=26.5km az=102.0

KRNET 28 02:19:26.4±0.1, 39°20'N, 75°9'E, mb2.9

ISC 28 02:19:31.4±2.9, 39°22'N, 01°75.97'E, 0.10, h35km, n16, c136/22, 15C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NRN Naryn, KZA Kyzart, ARS Arslanbob, ULHL Ulahol, UCH Uchtor, KDJ Kajisay, AML Almayashu, BOOM Boomskeye usch, KBK Karagaybulak, AAK Ala-Archa, FRU1 Bishkek, EKS2 Erkin-Say, TKM2 Tokmak 2, ARK Arkit, ARK Arkit, CHMS Chumysh, CHMS Chumysh, BTk Batken, BTk Batken, KST Kastek.

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Table with columns: KST, KSTek, Pg, Pn, Op, Time, Res. Includes stations like KST, IZV, TNSS, MDOK, MDOK, MDOK, BTk, BTk, KOTS, KOTS.

MEX 28 02:25:53.0±0.4, 14°52'N, 92°11'W, h78km, 5km, MD3.7

ISCJB 28 02:25:54.0±1.4, 14°6'N, 01°19'23'W, 0.09, h71km±11km, Error ellipse: s-maj=22.2km s-min=5.9km az=38.7

GCG 28 02:25:55.6±0.7, 14°71'N, 92°12'W, h34km, 999km, MD3.9

ISC 28 02:25:55.4±1.9, 14°7N, 01°19'21'W, 0.10, h65km±13km, n7, c69/14, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THIG, THIG, FUG, FUG, PCIG, CCIG, CCIG, IXXG, MOYG, MOYG, TGIG, TGIG.

IDC 28 02:31:27.0±0.9, 39°12'N, 75°81'E, h0km, mb3.7/9, mb1 3.8/12, mb1mx3.6/48, mbtmp3.7/12, ML3.6/3, MS3.0/2, Ms1 3.1/2, ms1mx2.5/35, Error ellipse: s-maj=28.8km s-min=15.2km az=63.0

SOME 28 02:31:30.1, 39°28'N, 75°57'E, h10km

KRNET 28 02:31:31.6±0.1, 39°35'N, 75°51'E, mb4.4

BUI 28 02:31:31.0±0.0, 39°34'N, 75°49'E, h10km, mb4.1/4, ML3.9/5

NNC 28 02:31:32.7±1.0, 39°48'N, 75°59'E, h0km, mb4.7, mpv4.4, Error ellipse: s-maj=7.9km s-min=4.4km az=162.0

ISC 28 02:31:28.9±0.6, 39°34'N, 04°75'54E, 0.02, h10km, n105, c22/2145, mb3.8/10, 26C-19D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH, KSH, KSH, NRN, NRN, ARLS, ARLS, ARLS, KZA, KZA, KZA, ARS, ARS, ULHL, ULHL, ULHL, UCH, UCH, UCH, KDJ, KDJ, AML, AML, BOOM, BOOM, BOOM, KBK, KBK, KBK, AAK, AAK, AAK, AAK, FRU1, FRU1, EKS2, EKS2, EKS2, TKM2, TKM2, ARK, ARK, ARK, CHMS, CHMS, CHMS, BTk, BTk, BTk, KST, KST.

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Large table with columns: KST, KSTek, Pg, Pn, Op, Time, Res. Includes stations like KST, IZV, TNSS, MDOK, MDOK, MDOK, BTk, BTk, KOTS, KOTS, THIG, THIG, FUG, FUG, PCIG, CCIG, CCIG, IXXG, MOYG, MOYG, TGIG, TGIG, KSH, KSH, KSH, NRN, NRN, ARLS, ARLS, ARLS, KZA, KZA, KZA, ARS, ARS, ULHL, ULHL, ULHL, UCH, UCH, UCH, KDJ, KDJ, AML, AML, BOOM, BOOM, BOOM, KBK, KBK, KBK, AAK, AAK, AAK, AAK, FRU1, FRU1, EKS2, EKS2, EKS2, TKM2, TKM2, ARK, ARK, ARK, CHMS, CHMS, CHMS, BTk, BTk, BTk, KST, KST.

Table with columns: BRLS, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Borolday, Baital, BTLS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like NARN, ARLS, ARSB, etc.

Table with columns: UZB, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like CHKK, SHLS, PDGK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like IDC, WMQ, MK31, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like MRKS, TNSN, DGS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like VNA1, PMSA, MAW, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB01, GO01, PB11, NM1C, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSH, KSH, UCH, UCH, KZA, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like UZB, UZB, KPZK, KPZK, KPZK, etc.

Error ellipse: s-maj=11.2km s-min=10.4km az=37.0  
ISC 28 03:31:22.6±2.3,41.5N,0.1,74.35E:0.04,h5km±1km,n18,  
c2505/30,14C-ID,Kyrgyzstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ARLS Aral, UCH Uch, AML Almayashu, etc.

ISCJCB 28 03:36:29.4±0.4,32.24S:0.03:68.56W:0.04,h140km,3km,  
Error ellipse: s-maj=6.3km s-min=4.5km az=31.0  
NEIC 28 03:36:29.5±2.7,32.26S:0.07:68.6W:0.1,h134km,15km  
SJA 28 03:36:30.7±0.6,32.29S:68.63W,h130km,2km,ML4.0,  
MW4.3  
GUC 28 03:36:31.2±0.6,32.31S:68.9W,h192km,13km,ML3.7  
IDC 28 03:36:32.4±1.5,32.01S:68.41W,h132km,5km,mb3.1/1,  
mb1 3.6/5,mb1mx3.3/25,mbtpr3.9/5, Error ellipse:  
s-maj=30.6km s-min=28.0km az=109.0  
ISC 28 03:36:29.8±0.7,32.24S:0.05:68.57W:0.05,h135km,6km,  
n49,c1943/69,6C,Mendoza Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like RTCV Cerro Valdivia, ASAL Salagasta, CFA Coronel Fontan, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like GO05 Huala, GO03 Copiap, GO02 Mina Guanaco, etc.

MEX 28 03:52:18.4±0.5,15.85N:94.00W,h83km±9km,MD3.7,  
Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like PCIG Matias Romero, CCIG Comitan, HUIG Huatulco, etc.

ISCJCB 28 04:00:29.7±0.5,15.74S:0.04:129.17E:0.03,h10km,  
Error ellipse: s-maj=5.4km s-min=4.4km az=179.9  
AUST 28 04:00:32.3±0.1,15.61S:129.12E,h0km,Error ellipse:  
s-maj=0.2km s-min=0.2km az=334.0  
IDC 28 04:00:33.6±3.7,15.93S:129.08E,h0km,mb1 3.6/4,  
mb1mx3.5/39,mbtpr3.6/4,ML3.6/4, Error ellipse:  
s-maj=39.8km s-min=16.4km az=20.0  
ISC 28 04:00:30.6±0.8,15.68S:129.06E:0.05,h10km,n15,  
c1945/23,Northern Territory

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KNRA Kununurra, MTN Manton Dam, FITZ Fitzroy Crossi, etc.

ISCJCB 28 04:00:48.8±0.8,21.19S:0.03:68.12W:0.06,  
h146km,11km, Error ellipse: s-maj=8.6km s-min=5.2km  
az=169.2  
SJA 28 04:00:48.9±0.7,21.23S:68.32W,h163km,5km,ML3.6  
GUC 28 04:00:48.0±0.7,21.19S:68.17W,h162km,9km,ML3.2,  
MW3.4  
SCB 28 04:00:48.4±1.8,21.33S:68.21W,h179km,13km,ML3.6/1,  
Error ellipse: s-maj=8.7km s-min=5.8km az=358.0  
ISC 28 04:00:48.3±1.7,21.20S:0.04:68.12W:0.06,  
h156km,15km,n30,c0973/55,5C-1D,Chile-Bolivia border  
region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like PB09 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like PB07 IPOC Station P, PB03 IPOC Station P, etc.

MEX 28 04:09:45.4±0.7,16.45N:94.65W,h89km±8km,MD3.8,  
Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CMIG Matias Romero, PCIG Uchto, HUIG Huatulco, etc.

KRNET 28 04:30:58.4±0.1,39.29N:75.77E,mb3.3  
NMC 28 04:31:03.1±3.0,39.60N:75.39E,h0km,mb3.8,mpv3.5,  
Error ellipse: s-maj=21.2km s-min=12.5km az=172.0  
SOME 28 04:31:07.1,39.75N:75.43E,h10km  
ISC 28 04:31:04.1,5.39S:65N:0.07:75.41E:0.03,h10km,n42,  
c2944/69,24C-9D,Southern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like NRN Narayn, ARLS Aral, KZA Kyzart, etc.



28d 6h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like SATY, KTBS, KUU, CHKK, UZB, KPKS, SHLS, PDGK, MNBS, KK31, KTM5, and KMS.

ISCJB 28 04:37:30.7z 1.4, 4.7S; 0.2, 150.2E; 0.1, h100km, mb3.2/3, Error ellipse: s-maj=34.9km s-min=7.9km az=147.4

ISC 28 04:37:32.4z 2.3, 4.8S; 0.2, 150.4E; 0.1, h118km, mb3.1/3, mb1 3.3/4, mb1mx3.1/23, mbtm3.6/4, Error ellipse: s-maj=81.0km s-min=11.7km az=136.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like KRVT, PMG, WRA, ASAR, FITZ, TORD.

ASRS 28 04:57:34.8: 0.2, 53.2N; 129.9E; h10km, MLh3.3/18, smi: org.gfz-potsdam.de/geofon/LOCSAT\_earthModelID smi: org.gfz-potsdam.de/geofon/iasp91 confirmed,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like CERR, ARDR, VEH, KZLR, LUZH, LDUJ, TDJR, MINR, TADR, ARTR, ULGR, CUR, ELT, AKAR, BRKR, CHBI, GZLN, DZG, SALR.

NEIC 28 05:17:10.1z 1.4, 39.43N; 0.01, 123.44W; 0.03, h6km, mb3km, Near coast of northern California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like GTC, KFCM, GWRM, GWRM, KCM, KCPM, KIPM, GHOM, KBNM, KBSM.

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Table with columns: Pg, Op, P, S, Pn, Pb, Pc, Pp, Pq, Pr, Pp, Pq, Pr. Includes stations like GJLM, HOPS, GSNM, GGUM, GASE, GJSM, GDCM, GMKM, GVV, GACK, GCOM, GCK, GBMM, GSGM, GSSM, KMRM, KMRM, GWKM, GHCM, OZDZ, FTR, NMNC, KSMR, WDC, MOCM, JCO, KHM, KRMB, YBH, BEKR, PNTR.

OMAN 28 05:21:00.6: 0.5, 19.25N; 50.84E, h35km, 74km, m13.7/6, Error ellipse: s-maj=12.9km s-min=3.3km az=285.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like JLN, DQM, MHTO, JMDO, SMDO, GSOY, SHAO, SHAO, ARQ, DMTO, WHFO, ABTO.

MAN 28 05:21:07.4: 13.23N; 120.08E, h30km, MS3.2, ISCJB 28 05:21:09.7: 0.5, 13.18N; 0.03, 120.22E; 0.04, h50km, mb3.9/9, MS3.7/2, Error ellipse: s-maj=6.3km s-min=4.2km az=27.5

ISC 28 05:21:13.6: 1.9, 13.30N; 120.50E, h74km, 19km, mb3.6/9, mb1 3.8/9, mb1mx3.5/36, mbtm3.9/9, MS3.7/2, Ms1 3.7/2, ms1mx2.7/35, Error ellipse: s-maj=39.9km s-min=15.6km az=68.0

ISC 28 05:21:11.2: 0.8, 13.17N; 0.04, 120.24E; 0.06, h50km, m29, c=28/26, mb3.9/9, 1C-2D, Mindoro

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like LUBP, PGP, SJMP, TGY, TGY, TGY, LOP, BOAC, OTRP, ENPP, POLP, GOR, AUQP, CUYO, SCZP, BALP, SMAR, CMAR.

KSR5 Korea Array 25.14 15 LR comp=Z,26nm, 18.2s, baz=163, slow=42

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like WRA, SONM, ASAR, MKAR, ZALV, FINES, RAR, NB2, NOA.

NNC 28 05:33:32.2: 1.4, 53.15N; 85.10E, h0km, mb3.6, mpv2.7, 6C-4D, Error ellipse: s-maj=24.1km s-min=4.3km az=91.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like ZAAO, ZAAO, KURK, KURB, MK31, MK31, MAKZ, MAKZ.

ISC 28 05:49:50.0: 1.2, 3.20S; 151.28E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/29, mbtm3.7/4, MS2.8/1, Ms1 2.8/1, Error ellipse: s-maj=25.0km s-min=21.6km az=65.0

ISCJB 28 05:49:53.8: 1.4, 3.15S; 0.1, 151.2E; 0.1, h33km, mb3.5/4, MS2.8/1, Error ellipse: s-maj=24.4km s-min=12.7km az=43.2

ISC 28 05:49:55.6: 1.3, 3.25S; 0.2, 151.3E; 0.2, h35km, n7, c=31/7, mb3.5/4, New Ireland region

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like KRVT, KRVT, WRA, ASAR, FITZ, MJAR, ILAR, TORD.

NIC 28 06:12:45.3: 0.0, 35.55N; 31.80E, h0km, 21km, ML2.0/2, DDA 28 06:13:00.0, 36.31N; 32.13E, h7km, ML2.0, ISK 28 06:12:46.9, 35.65N; 31.80E, h15km, ML2.3/5, 1D, Cyprus region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like GAZI, GAZI, GAZI, AKMS, AKMS, AKMS, AKMS, AKMS, ALFC, ALFC, ALFC, ALFC, ALFC, ALFC, NATA, TEKE, SZAC, KEPZ, ERMK, BERE, CSS, GULN, GULN, TEVE, IKL, KEBE, KORT.

SNET 28 06:14:18.2: 0.9, 13.15N; 89.38W, h53km, 16km, ML3.6, EI Salvador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like SNET, SNET, SNET, UUES, UUES, UUES, OPAM, OPAM, OPAM, UUES, UUES, UUES, LFU, COEG, COEG, COEG, PAVA, PAVA, CEVE, CEVE, CEVE, SBL, SNJE, RTR, TECA, PACA, JUCU, JUCU, JUCU, FAGO, LCNB, LCNB.

DDA 28 06:31:18.8, 38.59N; 26.09E, h7km, 2km, ML2.7, ATH 28 06:31:18.3, 38.58N; 26.05E, h30km, 1km, ML2.4/4, Error ellipse: s-maj=3.4km s-min=1.2km az=82.0

ISCJB 28 06:31:19.3: 0.0, 38.59N; 0.03, 26.06E; 0.06, h25km, 5km, Error ellipse: s-maj=8.5km s-min=4.2km az=166.0

THE 28 06:31:19.6, 38.59N; 26.04E, h17km, 1km, ML2.3/4, Error ellipse: s-maj=3.6km s-min=0.8km az=252.0

ISC 28 06:31:19.1: 1.2, 38.61N; 0.02, 26.11E; 0.04, h18km, 3km, n23, c=59/36, Aegean Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s, Res. Includes stations like CHOS, CHOS, CHOS, CHOS, CHOS, URLA, URLA, ZEY, ZEY, ZEY, SIGH, SIGH, SIGH, SIGH.

Table with columns: PRK, Paraskevi, 0.65 11 P, Pg, 06 31 32.1 +0.2, 06 31 43.0 -0.1, etc.

RSNC 28 06:38:15.9-1.2, 7:14N-73:06W, h151 km, 7km, ML1.9,

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res, etc.

NNC 28 06:57:50.3; 7.8, 42.76N; 79.63E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=43.8km, s-min=36.3km, az=143.0

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res, etc.

Table with columns: DJR, 1.3nm, 0.1s, S, Sb, 06 58 40.6 -1.5, etc.

MOS 28 06:58:05.8; 0.0, 42.18N; 45.75E, h24km, MPVA3.6, NORIS 28 06:58:06.0; 0.0, 42.12N; 45.82E, h3km, MPVA3.6

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res, etc.

SNET 28 07:05:34.7; 0.5, 13.28N; 89.96W, h43km, 27km, ML2.3, GCG 28 07:05:36.1; 0.5, 13.32N; 89.97W, h33km, 358km, MD3.2

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res, etc.

Table with columns: MAW, Mawson, 44.76 213 P, P, 07 35 25.5 +2.7, etc.

NEIC 28 07:28:13.8; 1.1, 18.70S; 0.07; 71.3W; 0.1, h23km, 13km, GUC 28 07:28:14.1; 0.5, 18.47S; 70.96W, h29km, 2km, ML3.8

Table with columns: Code, Station Name, Delta A, Az, Phase ID, Time, Res, etc.





28d 7h

Table with columns for station code, frequency, and signal strength. Includes stations like KMI, KIRV, UTHA, and various others with their respective data points.

2013 SEP

Table with columns for station code, frequency, and signal strength. Includes stations like DOPR, KIRV, UTHA, and various others with their respective data points.

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Table with columns for station code, frequency, and signal strength. Includes stations like TRPA, KIRV, UTHA, and various others with their respective data points.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for Qiongzong, VASULA, Dubrovnik, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for Sopron, Guangzhou, Bangkinang, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries for TAIAN, SUNGAI DAREH, etc.







Table of astronomical observations for 28d 7h, listing stations like KAPI, COI, PVAQ, TYV, etc., and their respective data points.

Table of astronomical observations for 2013 SEP, listing stations like AAI, SOEI, PALU, MSAI, etc., and their respective data points.

Table of astronomical observations for 1494, listing stations like BART, KNRA, PSMN, etc., and their respective data points.

Table with columns: Station, Frequency, Class, Power, Location, and other metadata. Includes stations like ASCN Ascension, CCB Clear Creek Bu, BWN Browne, etc.

Table with columns: Station, Frequency, Class, Power, Location, and other metadata. Includes stations like HIN, EYAK Cordova Ski Ar, BALM, PATS Pohnpel, etc.

Table with columns: Station, Frequency, Class, Power, Location, and other metadata. Includes stations like G64A Maxfield, LATQ La Tuque, B65A Eastbrook, etc.

28d 7h

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Table with columns: ID, Name, Value, Unit, Diff, etc. Rows include J60A Lant Hill Farm, PLV50 Plevna, M65A Busby, Falmout, H56A Elgin, G54A Lake Saint Pet, E50A Wahnapitae, F52A Sundridge, J59A Piesco, J59A Piesco, L63A North Scituate, L58A Old Forge, L61B Northampton, F51A Arnstein, M64A Tiverton, BANO Bancroft, I57A Carthage, D47A Chappleau, H55A Tweed, TRY Troy, G53A Haliburton, BUKO Buck Lake, E48A Lockeyer, DELO Deloro Mine, J58A Remsen, J58A Remsen, K60A Five Rivers En, ULM Lac du Bonnet, ULM Lac du Bonnet, D46A Sault Ste. Mari, L61A Hillsdale 1, H, PECO Prince Edward, PECO Prince Edward, KLBO Killbear Provi, J57A Williamstown, J57A Williamstown, I55A Frankford, K59A Cooperstown, H53A Bobcaygeon, E47A Iron Bridge, F49A Sandfield, KSCT Kent School, K K58A Earlville, K58A Earlville, L60A Shokan, F48A Evansville, J56A Wolcott, J56A Wolcott, E46A Sault Ste Mari, WLVO Wesleyville, TOBO Tobermory, Bru, L59A Walton, L59A Walton, DRWO Darlington Wes, PKRO Pickering, M61A Granite Spring, E44A Grand Marais A, E44A Grand Marais A, CLWO Collingwood, J55A Hilton, J55A Hilton, TAU Tasmania Unive, BINY Binghamton, BMRO Meriville Lake, EYMN Ely, PAL Palisades, PAL Palisades, L58A Harry Jones Me, I53A Kortright Cn E, I52A Shelburne, D41A Chassel, D41A Chassel, M60A Port Jervis, K56A Middlesex, J54A Appleton, MEDO Medina, CPNY Central Park, E43A Lone Tree Farm, E43A Lone Tree Farm, M59A Waymart, ODNJ Ogdensburg, MMNY Mt. Morris Dam, BRCO Bruce Peninsula

Table with columns: ID, Name, Value, Unit, Diff, etc. Rows include G47A Hillman, K55A Perry, KSPA Keystone Cole, ACTO Acton, STCO Saint Catharin, N61A South Mountain, RCBR Rio Chuelo, F45A CMU Biological, L57A Andrews Acres, G46A Petoskey, BRNJ Basking Ridge, I51A Listowel, H48A Harrisville, H48A Harrisville, AGMN Agassiz Nation, BASO Astfield, L56A Greenwood, N60A Cedar Hill Far, K54A Basiliko Farm, TYNO Tyneside, M58A Price's Panora, WVNY West Valley, N, J52A Paris, N59A State Game Lan, N59A State Game Lan, GLMI Grayling, L55A Hinsdale, H47A Milo, O61A Aletown, G45A Suttons Bay, I49A Point Hope, I49A Point Hope, COWI Cowardin, F42A Maple Grove Fa, M57A Sunshine Farm, M57A Sunshine Farm, I48A Sherman Twp, O60A Telford, E38A The Farm, Brul, L54A Sinclairville, K52A Tillsonburg, N58A Sunbury, N58A Sunbury, M56A Emporium, M56A Emporium, H61A Hamonton, P55A Beulah, PSUB Penn St. - Bra, O59A Robesonia, I47A Gladwin, I47A Gladwin, A04D Lummi Island, ERPA Erie, K51A Iona Station, DGMT Dagmar, MDND Maddock, M55A Ridgway, M55A Ridgway, J49A Marlette, P60A Greenville, P60A Greenville, N57A Milroy, L53A Girard, PAGA Pennsylvania G, B06A Marblemount, I46A Reed City, N56A West Decatur, J48A Bridge Port, J48A Bridge Port, M54A Oil Creek Stat, M54A Oil Creek Stat, SSPA Standing Stone, SSPA Standing Stone, K50A Casco, K50A Casco, O58A Lewisberry, I45A Fountain, B05A Bryant, G40A Rib Lake, G40A Rib Lake, H43A Windswept, Lux, H43A Windswept, Lux, B08A Colville Reser

Table with columns: ID, Name, Value, Unit, Diff, etc. Rows include B08A Jarrettsville, P59A Jarrettsville, O57A Ambersorn, K49A Clarkson, N55A Marion Center, N55A Marion Center, J47A Summer, J47A Summer, G39A Holcombe, NEW Verport, M53A WI Miller and, Q60A Greensboro, K48A Perry, J46A Howard City, C06D Leavenworth, EGMF Eagleton, N54A Moraine State, O56A Blue Knob Stat, O56A Blue Knob Stat, M52A Chesterland, J45A Montague, P58A Pank, Wackersv, L50A Kingsville, D03D Eldon, AAM Ann Arbor, C09A Chrisman Ranch, SPMN Marine on St., SPMN Marine on St., PLIO Pelee Island, K47A Vermontville, Q59A Harwood, O55A Ligonier, L49A Milan, P57A Homestead Farm, P57A Homestead Farm, I42A Draeger Farm, N53A Lisbon, M51A Elyria, I41A Arkdale, K46A Dorr, D05A Enumclaw, LTY Liberty, Q58A Fox Den Farm, P56A Dayton Farm, R, M50A Fremont, M50A Fremont, N52A McGinn's Farm, L48A N Adams, O54A Avella, R60A Leonardtown, M, S61A Accomac, D08A Wollman Farm, N51A Ashland, Q57A Strasburg, LAO LASA Array, LON Longmire, M49A Library Center, MCWV Mont Chateau, E03A Lebam, O53A New Philadelphia, R59A King George, V, E04D Cinebar, P55A Reedsville, CBN Corbin Frederi, MSO Missoula, I48A Edgerton, M48A Edgerton, Q56A Snyder Ridge, Q56A Snyder Ridge, S60A Water View, L46A Eue Claire, P54A Burton, K43A Burlington, N50A Nevada, E07A Sunnyside, R58A Rapidan, O52A Adamsville, E08A Dider Farm, E, S59A Mechanicsville, N49A Columbus Grove, R58B Mineral, R58B Mineral



Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like Q24A Divide, FDF Fort de France, HOPS Hopland Field, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like MPMcpherson Peak, EDW2 Edwards Air Fo, 061Z Octopus, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like TAMC Tame, Arauca, PAMC Pamplona, Colo, PAMC Pamplona, Colo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Paso Flores, NNA, G004, PEL, G006, etc.

DDA 28 07:39:12.9, 37.87N, 28.93E, h10km, 1km, ML3.1
ISK 28 07:39:13.0, 37.84N, 28.95E, h5km, ML2.7/18

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Denizli, TAVTA, KARAHALLI, etc.

JMA 28 07:43:12.9, 28.19N, 129.46E, h17km, MO.5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like AMAMI OSHIMA, AMAMINISHIKOMI, etc.

ISCJB 28 08:18:00.6, 1.8, 27.1N, 0.2, 65.5E, 0.3, h10km, mb3.8/7, Error ellipse: s-maj=45.1km s-min=13.6km az=135.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WADI SARIN, AAK, MKAR, etc.

ISCJB 28 08:19:02.0, 2.4, 26.1N, 0.3, 65.8E, 0.3, h10km, mb3.6/5, Error ellipse: s-maj=56.1km s-min=14.5km az=135.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WADI SARIN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like AAK, MKAR, KBZ, etc.

ISCJB 28 08:26:35.8, 0.9, 50.30N, 0.03, 18.72E, 0.05, h0km, Error ellipse: s-maj=62.3km s-min=9.3km az=135.9

VIE 28 08:26:37.3, 1.4, 50.32N, 18.68E, h0km, mb2.1/3, ml2.7/5, Error ellipse: s-maj=10.4km s-min=6.6km az=85.0

IPEC 28 08:26:37.1, 0.2, 50.28N, 18.82E, h0km, 1km, ML2.2/3, Error ellipse: s-maj=2.7km s-min=0.7km az=167.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Ostrava-Krasne, MORAVSKY BEROU, etc.

ISCJB 28 08:26:39.1, 3.5, 50.28N, 18.81E, 0.05, h0km, n25, 0.0814/46, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Ostrava-Krasne, MORAVSKY BEROU, etc.

ISCJB 28 08:31:41.8, 0.4, 19.07N, 0.05, 60.97E, 0.04, h10km, mb4.1/30, Error ellipse: s-maj=6.7km s-min=4.9km az=171.5

IDC 28 08:31:41.5, 0.8, 18.97N, 60.94E, h0km, mb4.0/22, mb1.4/124, mb1mx4.0/49, mbtmp4.0/24, ML4.0/2, Error ellipse: s-maj=21.6km s-min=14.0km az=19.0

OMAN 28 08:31:42.3, 1.2, 19.12N, 61.29E, h24km, 39km, m4.4/5, Error ellipse: s-maj=54.9km s-min=6.3km az=293.0

NEIC 28 08:31:43.2, 1.8, 19.96N, 0.06, 60.9E, 0.1, h10km, 1km, mb4.3/15

ISC 28 08:31:43.4, 0.0, 6.19, 133N, 0.06, 61.03E, 0.06, h10km, n76, 0.1338/77, mb4.1/36, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like JANAN BANI BUH, JLN, DQM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ASAF, EIL, AAK, etc.

ISCJB 28 08:32:41.1, 0.5, 19.12N, 0.08, 60.88E, 0.06, h10km, mb4.2/25, Error ellipse: s-maj=11.5km s-min=8.2km

IDC 28 08:32:41.1, 1.1, 19.06N, 60.88E, h0km, mb4.1/18, mb1.4/219, mb1mx4.1/46, mbtmp4.1/19, ML3.4/1, Error ellipse: s-maj=24.7km s-min=16.7km az=13.0

NEIC 28 08:32:42.9, 1.7, 19.1N, 0.1, 61.0E, 0.1, h10km, 1km, mb4.6/14

ISC 28 08:32:43.2, 0.7, 19.2N, 0.1, 60.88E, 0.09, h10km, n59, 0.153/55, mb4.3/31, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WADI SARIN, POONA, RAYN, etc.

ISCJB 28 08:32:43.2, 0.7, 19.2N, 0.1, 60.88E, 0.09, h10km, n59, 0.153/55, mb4.3/31, Owen Fracture Zone region

ISCJB 28 08:32:43.2, 0.7, 19.2N, 0.1, 60.88E, 0.09, h10km, n59, 0.153/55, mb4.3/31, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WADI SARIN, POONA, RAYN, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORD Torodi Arr. Bea, TORD Torodi Arr. Bea, TOAD Torodi Arr. Sit, etc.

ISCJB 28 09:53:11.8±0.3, 60.17N±0.02:152.72W±0.05, h113km, 3km, mb3.9/1, Error ellipse: s-maj=4.5km, s-min=3.7km, az=9.3

NEIC 28 09:53:12.9±1.0, 60.17N±0.03:152.72W±0.08, h106km, 4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILIM Iliamna, IVE Iliamna Volcan, RED Redoubt Volcan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDKA Kodiak Island, KDKA Kodiak Island, KNK Knik Glacier, etc.

ISC 28 10:36:55.0±0.7, 37.10N±144.05E, h0km, mb3.9/13, mb1.4/1.20, mb1mx4.0/39, mbtmp3.9/20, ML3.5/5, Error ellipse: s-maj=17.9km, s-min=14.7km, az=125.0

NEIC 28 10:36:58.3±2.1, 37.08N±144.05E, h0km, h30km, 5km, mb4.1/1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIKH Ishinomakiboku, JIKH Ouri, JIO Ouri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 27.42 127 T, H11S2 WAKE ISLAND Hy 27.42 127 T, etc.

KRNET 28 11:06:43.9±0.1, 41.30N±70.10E, mb2.7, ISCJB 28 11:06:46.7±0.1, 41.22N±0.04:70.07E±0.08, h10km, Error ellipse: s-maj=8.7km, s-min=6.2km, az=173.6

SOME 28 11:06:46.4±0.1, 41.20N±70.50E, h0km, ISC 28 11:06:45.4±1.4, 41.29N±0.04:70.23E±0.06, h10km, n10, e183/16, 10C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IUG luzhnyy, BTk Batken, ARK, BRLS, etc.

MOS 28 11:13:43.7±1.4, 16.50S±173.86W, h33km, mb5.7/35, Error ellipse: s-maj=7.9km, s-min=7.1km, az=70.0

BUI 28 11:13:46.0±0.0, 16.50S±173.80W, h50km, mb5.2/42, mb5.6/20, Ms5.1/14, Ms7.4/8/12

NEIC 28 11:13:47.1±1.2, 16.55S±0.06:173.84W±0.07, h59km, 4km, mb5.6/32, Mw5.5(GCMT)

ISCJB 28 11:13:50.3±0.1, 16.62S±0.03:173.82W±0.02, h100km, mb5.2/95, Error ellipse: s-maj=4.8km, s-min=2.7km

GCMT 28 11:13:54.7±0.2, 16.50S±0.02:173.73W±0.02, h106km, 2km, Mw5.5/122, Moment Tensor Solution.

ISC 28 11:13:52.0±0.2, 16.61S±173.72W±0.04, h100km, n937, 11:03/852, mb5.5/223, 38C-51D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalou, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like AF1 Afiamalu, NIUE Niue, RAO Raoul Island, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, MTSU Mount Surprise, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SP5I Sidrap Palu, PLAI Plampang, GIRL Giriala, etc.

1503

Table with columns for station ID, name, coordinates, and status. Includes stations like Yreka Blue Hor, Walker, Willamette Mer, etc.

2013 SEP

Table with columns for station ID, name, coordinates, and status. Includes stations like X18A Snowflake, G08A Pilot Rock, A04D Lummi Island, etc.

28d 11h

Table with columns for station ID, name, coordinates, and status. Includes stations like H17A Grant Village, H17A Grant Village, H17A Grant Village, etc.

28d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CHAI DGMT, INK Inuvik, HHC Hu-ho-hao-te, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TIXI Tiksi, LRAL Lakeview, WVT Waverly, etc.

1504

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like ABKAR Akbulak array, AKTO Aktyubinsk, GEYT Alibek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s ISC. Includes stations like PLOA, BCLA, VRAC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s ISC. Includes stations like LJU, Vljubana, CRES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s ISC. Includes stations like TMTI, Ternate, TMTI, etc.

MEX 28 11:32:57.3±0.3, 27.79N×105.82W, h10km, MD3.6, Northern Mexico

MEX 28 11:55:58.4±0.4, 15.04N-91.84W, h172km±4km, MD3.7, Mexico-Guatemala border region

ISCJB 28 13:22:30.1±0.6, 26.69N±0.10, 67.36E±0.06, h10km, mb3.0/1.1, MS3.5/2.0, Error ellipse: s-maj=14.1km

ISC 28 13:22:32.0±0.9, 27.00N-67.22E, h0km, mb3.7/1.1, m1.3/8.13, m1mx3.6/4.6, mbmp3.7/13, ML3.7/2, MS3.4/2, Ms1.3/4.2, Ms1mx2.7/3.6, Error ellipse: s-maj=21.5km

28d 13h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WSAR, KOLDANDA, DANGSING, PKIN, PKI, GUN, AAK, JIRN, RAMN, TAPN, MKAR, AKTO, KURBB, BVAR, ZALV, SONM, AKASA, FINES, NOA, TORD, WRA, ASAR, MAW.

ISCJB 28 13:30:39.8,0.4, 43.40N,0.02,74.92E,0.02,h0km, Error ellipse: s-maj=3.4km s-min=2.2km az=156.3
SOME 28 13:30:39.7, 43.42N,74.92E,h5km
KNET 28 13:30:39.8,0.4, 43.40N,74.94E,h6km,6km,m1.5, Error ellipse: s-maj=3.0km s-min=1.4km az=8.0
KRNET 28 13:30:40.0,0.1, 43.40N,74.92E,h14km,mb2.8
NNC 28 13:30:40.2,0.9, 43.39N,74.94E,h0km,mb2.8,mpv2.5, Error ellipse: s-maj=5.9km s-min=2.7km az=162.0

Suspected Mining explosion.
ISC 28 13:30:39.7,0.7, 43.39N,0.02,74.89E,0.02,h0km,n51, 0.657/97, 40C-17D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like USP, CHMS, DGS, KBK, AAK, KST, EKS2, MTBS, KUU, BOOM, UCH, IZV, KTBS, KZA, MRKS.

2013 SEP

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MRKS, ULHL, AML, TNS, ARLS, CHKK, MDOK, KOTS, BTLS, KDJ, NRN, SATY, KK31, PDGK, KAPS, BJI, LSA, GTA, WMQ.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LSA, GTA, WMQ.

TAP 28 13:52:54.6, 24.88N, 122.20E, h6km, ML2.8, C
JMA 28 13:52:55.0, 1.0, 24.81N, 122.21E, h27km, M2.0
ISC 28 13:52:55.0, 1.0, 24.85N, 122.21E, 0.02, h13km, 8km, n2, 0.62/118, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWP1, EOS1, TIPB, TWC, NWF, WFSB, TWE, SLBB, NANS, ENA, ENTT, NWLT, YMO1, YMO8.

1506

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YM11, YMO5, YMO4, YMO3, ANP, TWS1, JYNG, YHNB, PCYT, NSK, YOJ, NNSB, NNS, WLTB, NACB, ETLH, TWD, LIOB, WHF, TWT, NSTT, CHGB, CHGB, ESL, WHP, EGFH, EGFH, NSY, TWQ1, DPDB, WVDT, HGSD, TYC, TYC, SSLB, EHY, HATJ, YULB, WHYT, YUS, JIU, CHN4, CHN4, TPUB, WTP, TWK, CHN1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CHN1, SLGT, Llugui, baz=225, SLGT.

ISCJB 28 14:07:40.0, 0.5, 3.3N, 0.2, 124.0E, 0.2, h550km, mb3.5/6, Error ellipse: s-maj=36.4km s-min=12.7km az=149.7, IDC 28 14:07:48.7, 2.5, 5.1N, 0.1, 123.9E, h563km, 3.3km, mb2.9/6, mb1.3/1.8, mb1mx2.8/3.7, mbtmp4.0/8, Error ellipse: s-maj=46.0km s-min=14.7km az=65.0

JMA 28 14:08:24.0, 0.5, 45.128N, 150.62E, h30km, M4.0, SKHL 28 14:08:24.0, 2.0, 47.181N, 150.79E, h75km, 3km, mb4.3/2, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KUR Kuril'sk, YUK Yuzh-Kuril'sk, LAGR Lagunoye, GRPR Tuman, JRA Rausu, JNK Nakash, JAK Akkeshi, JTR Ashirih-Toko, JAR Ashorobuto, JJB Onubets, JMB Urakawa-nobuka, JYM Yakumo 2.

ISCJB 28 14:18:51.8, 0.3, 27.04N, 0.03, 141.30E, 0.04, h50km, mb4.0/8, Error ellipse: s-maj=5.1km s-min=3.6km az=171.8, NEIC 28 14:18:54.3, 2.8, 27.04N, 0.05, 141.42E, 0.08, h60km, 8km, mb4.7/32, IDC 28 14:18:54.4, 1.2, 27.11N, 141.66E, h63km, 14km, mb3.8/7, mb1.3/9/10, mb1mx3.6/3.7, mbtmp4.0/10, MS2.6/1, Ms1.2/6/1, ms1mx2.3/2.7, Error ellipse: s-maj=32.3km s-min=13.4km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ Chichi jima, CBJ Chichijima, CBJ Chichijima, JH2 Haha-jima-NKT2, BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, BSO4 Boso 4, JOD2 Odawara 2, JHU Hanno, JHU Yasato, JAG Asahikaga, JHO Hitachi, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, GUMO Guamo, ERM Erimo, KSRS Korea Array, KSRS Korea Array, YOJ Yonaguni jima, YOJ Yonaguni jima, ASAJ Asahikawa, SSB Luanglung, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1N3 WAKE ISLAND.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H1S13 WAKE ISLAND, H1S1 WAKE ISLAND, H1S2 WAKE ISLAND, ENH Enshi, PETK Petropavlovsk-PET, TNTI Ternate, FAKI Fak Fak, SONMI Sogingo Array, MIDW Midway, WMRI Wairare, COEN Coen, MTN Mantion Dam, KNRA Kunurra, KNRA Kunurra, TIXI Tikisi, TIXI Tikisi, WBN Bangkinang, WBO Warrung Arr, CTAO Charters Town, WRO Warrung Arr, WRAB Tennant Creek, WRI Warrung Arr, WRA Warrung Arr, FITZ Fitzroy Crossi, MK32 Makanchi Array, MKAR Makanchi Array, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, PSW2 Sparrevohn, GIRL Giralia, BPWW Bear Paw Mtn, GLI Glacier Island, ARMA Armadale, IL31 Eielson Array, ILAR Eielson Array, STKA Stephens Creek, FORT Fort Belknap, BBOO Buclebloe, ABKAR Abkula array, ABKAR Abkula array, ARCES ARCES Array, ARCES ARCES Array, FIAO FINESS Array, FINES FINESS Array, NB2 NORSTAR Subarra, NB200 NORSTAR, NOA NORSTAR Arr, TORO Torodi Arr, MEX 28 14:19:55.6, 0.5, 17.28N, 100.75W, h16km, 6km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CAIG El Cayaco, CAIG Zihuatanejo, ARIG Puente Sot Nin, PLIG Platanillo, TLIG Tlapa.

ISCJB 28 14:25:57.1, 2.1, 33.78N, 0.04, 35.74E, 0.08, h15km, 17km, Error ellipse: s-maj=11.2km s-min=6.7km az=167.5, GRAL 28 14:25:58.1, 0.3, 33.79N, 35.79E, h8km, 4km, MD2.8, NSSC 28 14:25:59.7, 0.5, 33.66N, 35.79E, h17km, 2km, MD0.7, ML1.9, ISC 28 14:25:57.0, 1.0, 33.79N, 0.04, 35.73E, 0.04, h15km, 10km, n9, op63/15, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BHL Bhanes, DQRL Deir Qamar, BEYL Beirut, QRWL Qaroua, RCY Rachaya, RCBR Barbar, BRBR Brber, HWQ Hawa, QASN Qassioun, QASN Qassioun, TOTH TOTAH, TOTH TOTAH, TOTH TOTAH, KRSC 28 14:34:17.9, 1.6, 50.01N, 156.91E, h23km, 24km, ML3.5, Kuril Islands, SKR Severo-Kuril's, PAU Pauzhetka, KDTR Khodutka, RUS Russkaya, RUS Russkaya, KRMR Karymshinsky

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DALK Dalny, AVH Avacha, KOK Koryaka, SMAR Somma, Sedlovina, KRX Arks, SPN Mys Shipunski, GNLL Ganaly.

IDC 28 14:37:31.5, 0.7, 77.14N, 129.62E, h0km, mb4.1/1.8, mb1.4/3.20, mb1mx4.1/3.6, mbtmp4.1/20, ML3.6/1, MS3.3/24, Ms1.3/3/24, ms1mx3.2/3.9, Error ellipse: s-maj=18.2km s-min=13.3km az=158.0, ISCJB 28 14:37:32.1, 0.2, 77.24N, 0.04, 129.7E, 0.1, h10km, mb4.3/4.5, MS3.4/2.6, Error ellipse: s-maj=6.5km s-min=4.0km az=169.1, MOS 28 14:37:32.5, 1.2, 77.23N, 129.62E, h11km, mb4.7/1.9, Error ellipse: s-maj=28.6km s-min=9.3km az=93.0, NEIC 28 14:37:33.4, 2.5, 77.17N, 0.1, 129.7E, 0.5, h10km, 2km, mb4.6/32, Bull 28 14:37:33.0, 0.0, 77.20N, 129.60E, h23km, mb4.7/22, ms4.9/1.1, Ms3.4/3.6, Ms7.4/1.3, ISC 28 14:37:33.3, 0.4, 77.00N, 0.05, 129.88E, 0.06, h10km, n130, MS3/10/120, mb4.5/53, MSZ, 6C, Cape Lev Seva

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, BILL Bilibino, BILL Bilibino, NRIK Noril'sk, NRIK Noril'sk, NRIK Noril'sk, YAK Yakutsk, SEY Seymchan, MA2 Magadan, MA2 Magadan, MA2 Magadan, BOD Bodaibo, BOD Bodaibo, SPAO Spitsbergen Ar, SPAO Spitsbergen Ar, SPAO Spitsbergen Ar, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, TOLK Toolik Lake Re, COLD Coldfoot, COLD Coldfoot, IMAR Indian Mountain, IMAR Indian Mountain, BMY Burnt Mountain, BMY Fort Yukon, MLY Manley, RLE Redoubt Bay, KEV Kevo, KEV Kevo, KEV Kevo, INK Inuvik, INK Inuvik, LVZ Lovozero, LVZ Lovozero, NEA Nenana, COLA College, COLA College, ARAD ARCES Array S, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array S, ARBO ARCES Array S, CCB Clear Creek Bu, ILAR Eielson Array, ILAR Eielson Array, HDA Harding Lake, HDA Harding Lake, TLY Talaya, TLY Talaya, PPLA Purkeypile, PPLA Purkeypile, EGAK Eagle, SVW2 Sparrevohn, ZAA1 Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, DAWY Dawson, MENT Mentasta, MENT Mentasta, RSO Redoubt Spring, RSO Redoubt Spring, BCOAR Beaver Creek A, BCOAR Beaver Creek A, SONM Sogingo Array, SONM Sogingo Array, SONM Sogingo Array, SONM Sogingo Array, VREDI Verde Repeater, VREDI Verde Repeater, VREDI Verde Repeater, ARU Arti, ARU Arti, BRVK Borovoye, BRVK Borovoye, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, SUF Sumaiuin, SUF Sumaiuin, USRK Ussuriysk Arr, USRK Ussuriysk Arr, FIAO FINESS Array B, FIAO FINESS Array B, FIAO FINESS Array B, FIAO FINESS Array B, FINE Finest, FINE Finest, YKA Yellowknife B, YKA Yellowknife B, MK31 Makanchi Array, MK31 Makanchi Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARAD ARCES Array S, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array S, ARBO ARCES Array S, CCB Clear Creek Bu, ILAR Eielson Array, ILAR Eielson Array, HDA Harding Lake, HDA Harding Lake, TLY Talaya, TLY Talaya, PPLA Purkeypile, PPLA Purkeypile, EGAK Eagle, SVW2 Sparrevohn, ZAA1 Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, DAWY Dawson, MENT Mentasta, MENT Mentasta, RSO Redoubt Spring, RSO Redoubt Spring, BCOAR Beaver Creek A, BCOAR Beaver Creek A, SONM Sogingo Array, SONM Sogingo Array, SONM Sogingo Array, SONM Sogingo Array, VREDI Verde Repeater, VREDI Verde Repeater, VREDI Verde Repeater, ARU Arti, ARU Arti, BRVK Borovoye, BRVK Borovoye, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, SUF Sumaiuin, SUF Sumaiuin, USRK Ussuriysk Arr, USRK Ussuriysk Arr, FIAO FINESS Array B, FIAO FINESS Array B, FIAO FINESS Array B, FIAO FINESS Array B, FINE Finest, FINE Finest, YKA Yellowknife B, YKA Yellowknife B, MK31 Makanchi Array, MK31 Makanchi Array

28d 15h

Table of station data for the 28d 15h period, including columns for station ID, name, frequency, and various signal parameters.

2013 SEP

Table of station data for the 2013 SEP period, including columns for station ID, name, frequency, and various signal parameters.

1508

Table of station data for the 1508 period, including columns for station ID, name, frequency, and various signal parameters.

Table listing station names, coordinates, and various parameters for stations like SPU, KTH, BPAW, etc.

Table listing station names, coordinates, and various parameters for stations like GO05, GO05, GO05, etc.

Table listing station names, coordinates, and various parameters for stations like CMAR, TAPN, ODAN, etc.

Table listing station names, coordinates, and various parameters for stations like MEX, Oaxaca, PCIG, etc.

Table listing station names, coordinates, and various parameters for stations like LPAZ, LPAZ, EPI, etc.

Table listing station names, coordinates, and various parameters for stations like CGNG, CRIN, ESTN, etc.

Table listing station names, coordinates, and various parameters for stations like SAUI, SAUI, SOEI, etc.

Table listing station names, coordinates, and various parameters for stations like DBIC, BOSA, TOR, etc.

Table listing station names, coordinates, and various parameters for stations like THIG, FUG, PCIG, etc.

Table listing station names, coordinates, and various parameters for stations like AS31, ASAR, ASAR, etc.

Table listing station names, coordinates, and various parameters for stations like KOHI, KOHI, KOHI, etc.

Table listing station names, coordinates, and various parameters for stations like SNJE, MOY, MIRM, etc.

Table listing station names, coordinates, and various parameters for stations like BBOO, NWAO, EIDS, etc.

Table listing station names, coordinates, and various parameters for stations like JORH, JORH, JORH, etc.

Table listing station names, coordinates, and various parameters for stations like STKA, MRL, WRA, etc.

Table listing station names, coordinates, and various parameters for stations like JOW, PINNC, JNU, etc.

Table listing station names, coordinates, and various parameters for stations like LKP, LKP, LKP, etc.

Table listing station names, coordinates, and various parameters for stations like DZM, DZM, DZM, etc.

Table listing station names, coordinates, and various parameters for stations like SMY, ABPO, ABPO, etc.

Table listing station names, coordinates, and various parameters for stations like SHL, SHL, SHL, etc.

Table listing station names, coordinates, and various parameters for stations like BRDH, BRDH, BRDH, etc.



28d 18h

Table of station data for 28d 18h, listing stations like AAI, FAKI, SAUJ, and their associated frequencies and coordinates.

MEX 28 16:31:23.6:0.4, 187.0N x 102.85W, h16km, 4km, MD3.8, Michoacan

Table of station data for Michoacan region, including stations like EZSV, ZIIG, CJM, and their frequencies.

NIED 28 16:31:00.37:20N, 141.10E, h11km, Mw3.6 Best double couple: M2 770000, M14 NP1.3, 10.00000, 810.00000, 8-8.00000... NP2.2, 220.00000, 889.00000, 100.00000...

Table of station data for NIED region, including stations like JMA, JFT, and their frequencies.

ISC 28 16:31:37.5:1.8, 37.12N, 141.17E, h0km, mb3.8/4, mb1 3.8/7, mb1mx3.5/33, mbtmp3.77, ML2, 6/3, MS2, 8/2, Ms1 2.8/2, ms1mx2.4/39, Error ellipse: s-maj=60.47km s-min=26.0km az=58.0

Table of station data for ISC 28 16:31:37.5 region, including stations like ONAJ, JFK, JFF, and their frequencies.

HEL 28 17:03:14.3:0.4, 67.69N, 33.85E, h0km, ML2.0 Explosion IDC 28 17:03:16.4:1.9, 67.78N, 33.72E, h0km, mb1 3.5/5, mb1mx3.1/45, mbtmp3.5/5, ML2 5/6, Error ellipse: s-maj=21.0km s-min=9.3km az=79.0

Table of station data for HEL/IDC 28 17:03:16.4 region, including stations like VRF, KUE, MSF, and their frequencies.

2013 SEP

Table of station data for 2013 SEP, listing stations like ARCES, AREE, HET, and their frequencies.

ISCJUB 28 17:11:29.5:0.3, 32.82S, 0.03:69.89W, 0.03, h122km, 2km, mb4.0/6, Error ellipse: s-maj=5.4km s-min=3.9km az=42.5

Table of station data for ISCJUB 28 17:11:29.5 region, including stations like SJA, GUC, and their frequencies.

ISC 28 17:11:30.6:0.6, 32.81S, 0.04:69.90W, 0.04, h118km, 6km, n59, c150/79, mb4.0/9, 5C, Mendoza Province

Table of station data for ISC 28 17:11:30.6 region, including stations like FCH, PEL, ARCO, and their frequencies.

ISC 28 17:11:30.6:0.6, 32.81S, 0.04:69.90W, 0.04, h118km, 6km, n59, c150/79, mb4.0/9, 5C, Mendoza Province

Table of station data for ISC 28 17:11:30.6 region, including stations like ARCO, CFA, RCTL, and their frequencies.

1510

Table of station data for 1510, listing stations like SAML, BDFB, PMSA, and their frequencies.

MEX 28 17:40:09.0:0.4, 14.36N, 93.53W, h11km, 12km, MD3.9, Near coast of Chiapas

Table of station data for MEX 28 17:40:09.0 region, including stations like THIG, PCIG, and their frequencies.

ISC 28 18:04:02.9:0.3, 43.66N, 102.105:29W, 0.04, h8km, mb4.4/1, Error ellipse: s-maj=4.5km s-min=3.3km az=155.0

Table of station data for ISC 28 18:04:02.9 region, including stations like PHWY, RWWY, and their frequencies.

ISC 28 18:04:03.4:0.9, 43.68N, 102.107:31W, 0.06, h8km, n107, c150/102, Wyoming

Table of station data for ISC 28 18:04:03.4 region, including stations like R2SA, PHWY, N23A, and their frequencies.

Table with columns: SMCO, Q24A, DGMT, BOZ, KSCO, etc. Includes station names, coordinates, and time/resolution data.

ADC 28:18:07.10.3.2.9.6.49S-154.56E, h0km, mb3.2/3, mb1.3/6.3, mb1mx3.3/29, mbtmp3.3/3, MS3.5/1, Ms1.3.5/1, ms1mx2.7/16, Error ellipse: s-maj=210.0km, s-min=31.1km, az=131.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like WRA, ASAR, FITZ, ILAR, etc.

ISCBJ 28:18:08.21.2.0.5.4.16S:0.04:101.85E:0.04, h80km, 3km, mb4.4/25, Error ellipse: s-maj=9.5km s-min=3.0km, az=41.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like NNAI, KASI, SDSI, etc.

Main table with columns: PSI, KPJI, SNSI, KCSI, etc. Includes station names, coordinates, and time/resolution data.

Table with columns: MKAR, Makanchi Array, MKAR, Makanchi Array, MAOK, etc. Includes station names, coordinates, and time/resolution data.

28d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCMCT, KSCD, JLU, MDDO, etc.

KRNET 28 18:46:57.0, 1.39, 0.02N, 76.11E, mb3.5
SOME 28 18:47:01.7, 39.20N, 76.22E, h20km
NWC 28 18:47:01.7, 2.1, 39.20N, 76.22E, h20km, mb3.9, mpv3.5,
Error ellipse: s-maj=14.4km s-min=11.3km az=160.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRN, NRN, KZA, ARLS, etc.

2013 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNDC, BTk, BTK, KOTS, etc.

ISC/JB 28 18:48:24.7, 0.14, 64N, 0.09, 92.47W, 0.07, h69km, 10km,
Error ellipse: s-maj=18.0km s-min=4.9km az=39.3
MEX 28 18:48:25.1, 0.5, 14.60N, 92.38W, h77km, 5km, MD3.9
SNET 28 18:48:27.5, 1.0, 14.60N, 92.27W, h43km, 99km, MD4.5
CG 28 18:48:27.5, 0.6, 13.85N, 92.39W, h36km, 99km, MD4.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, PCIG, FUG, etc.

MOS 28 19:03:48.9, 0.0, 42.02N, 45.75E, h9km, MPVA3.7
NORS 28 19:03:49.6, 0.0, 42.02N, 45.81E, h20km, MPVA3.8
DRS 28 19:03:50.1, 0.0, 42.02N, 45.80E, h15km, MPVA3.8
TIF 28 19:03:50.0, 42.10N, 45.74E, h14km, 1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LGD, DGRG, DDFL, etc.

1512

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBLG, TBLG, XNZR, etc.

ZUR 28 19:06:38.4, 47.42N, 9.32E, h4km, MLh 1.1, 5, 2C-2D,
Error ellipse: s-maj=1.3km s-min=0.6km az=308.0,
Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGT00, SGT01, etc.

ROM 28 19:07:44.0, 0.1, 43.369N, 0.002, 12.492E, 0.006,
h10km, MD1.2, Error ellipse: s-maj=0.4km s-min=0.3km
az=263.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AVT, ATVO, etc.

ANF 28 19:12:07.3, 0.2, 33.61N, 87.06W, ML3.5/35, Error
ellipse: s-maj=2.0km s-min=1.6km az=83.0, Alabama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LRAL, LRAL.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include Y49A, X48A, Z50A, W50A, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include ISCB 28, NEIC 28, IDC 28, OMAN 28, etc.

Main table with columns: Station Name, Az, El, P, S, Time, Res. Rows include ASHO, ARQ, HRA, NAZ, FAQ, ALNE, THW, ASUD, ASUD, KBL, NIL, CHC, KUDL, DHRM, DHRM, BHPL, SMLA, GEYT, GAR, JOSI, JOSI, BTJ, ARSB, ARSB, KOLN, DANN, KK31, KKAR, GKN, NRN, RAYN, RAYN, DMN, AAK, AAK, BOOM, KDJ, KDJ, JIRN, RAINM, PRZ, PRZ, ODAN, GNI, DAMY, TBGL, TBGL, ABKAR, ABKAR, LSA, LSA, SHL, SHL, MAKZ, MK31, MK31, MKAR, MKAR, AKTO, AKTO, KBZ, KBZ, WMO, GAZ, MMAI, MMAI, KURB, KURB, KURK, KURK, BVAR, BVAR, BRVK, BRVK, BR131, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, GTA, GTA, CHTO, CHTO, CMAR, CMAR, PBKT, BURAR, TLY, TLY, SONGM, SONGM, VYHS, VYHS, FINES, FINES, NRIK, NRIK, GERES, GERES, NJ2, ARAO, ARAO, ARCES, ARCES

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include NOA, TGY, KSRS, KSRS, JMJC, TOAO, TORD, TORD, DTC, DTC, WRA, ASAR, ASAR

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include PLVR, CNGN, JTS, CRIN, ARE1, ARE1, ACON, CEDE, MATN, ESTN, CNCH, CNCH, LCND, LCND, LCND, HDC, RCON, LCR2, ESPN, VSM, PACA, PACA, CYFR, FAGO, TGUH, COEC, CEVE, CEVE

ISCJB 28 19:50:30.2, 0.5, 2.4; 91N:0.0; 94.80E:0.0, h80km, 4km, mb4.0/17, Error ellipse: s-maj=7.8km s-min=4.6km az=141.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include KOHI, KOHI, KOHI, JORH, JORH, JORH, JORH, JORH, JORH, LKP, LKP, LKP, SHL, SHL, SHL, SHL, SHL, BRDH, BRDH, BRDH, SIMRM, LSA, LSA, GTK, GTK, GTK, GTK, TAPN, ODAN, CMAR, CMAR, CMAR, CMAR, BOK, PKI, PKIN, KKN, DMN, GKN, PBKT, KOLN, DANN

28d 21h

Table of station data for 28d 21h, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like Simila, DHARAMSHALA, Kulum, Nilore, Kajisay, etc.

ADC 28 19:55:03.4,5,2,4,53S,153.54E,h54km,37km,mb3.6/7, mb1 3.8/8, mb1mx3.5/37, mbmtpp3.9/8, ML2.0/1, MS3.6/1, Ms1 3.5/1, ms1mx2.6/24, Error ellipse: s-maj=37.3km s-min=21.9km az=83.0

ISC 28 19:55:02.9,1.4,4,55S,0.1,153.6E,0.1,h50km,n11, c074/12,mb3.7/7,New Ireland region

Table of station data for ISC 28 19:55:02.9,1.4,4,55S,0.1,153.6E,0.1,h50km,n11, c074/12,mb3.7/7,New Ireland region. Includes stations like Keravat, KRVT, PMG, WRR, FITZ, CMAR, SONM, MKAR, KURBB, AAK, MAW, TORD.

SVSA 28 20:17:45.3,0.5,38.47N,26.78W,h10km,9km,MD3.6, ML2.2, Error ellipse: s-maj=11.0km s-min=4.4km az=38.0,Azores Islands

Table of station data for SVSA 28 20:17:45.3,0.5,38.47N,26.78W,h10km,9km,MD3.6, ML2.2, Error ellipse: s-maj=11.0km s-min=4.4km az=38.0,Azores Islands. Includes stations like Serrao, ADH, PMAN, ROSA, TORD.

2013 SEP

PCAN Candelaria 1.34 270 eS Sb 20 18 20.7 -7.2
PCED Cedros 1.52 276 eS Sn 20 18 24.8 -7.6
SJA 28 20:39:29.6,0.8,24.22S:67.03W,h202km,6km,ML3.2, MW3.3
ISCJB 28 20:39:30.6,0.8,24.20S:0.04:67.10W:0.04, h168km,10km, Error ellipse: s-maj=7.6km s-min=4.5km az=35.0
GUC 28 20:39:31.8,0.5,24.12S:67.59W,h222km,8km,ML3.9
ISC 28 20:39:29.1,2.0,24.19S:0.05:67.06W,0.04, h206km,17km,n26,e195147,7C,Chile-Argentina border region

Main table of station data for 2013 SEP, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like San Lorenzo, Humahuaca, Zapla, Limon Verde, etc.

PGC 28 20:44:10.4,0.1,52.75N:132.49W,h29km,ML3.7/13, ML3.7/13,71km southwest of Sandspit, Bc Haida Gwaii region

Table of station data for PGC 28 20:44:10.4,0.1,52.75N:132.49W,h29km,ML3.7/13, ML3.7/13,71km southwest of Sandspit, Bc Haida Gwaii region. Includes stations like Mitchell Dam, Dawson Inlet, Barry Inlet, Moresby Inlet, Naden, Masset, Prince Rupert, etc.

ISC 28 20:46:34.3,2.4,6.95S,129.04E,h0km,mb3.3/1, mb1 3.3/3, mb1mx3.1/34, mbmtpp3.1/3, ML3.3/2, MS3.4/1, Ms1 3.6/1, ms1mx2.8/9, Error ellipse: s-maj=156.7km s-min=33.6km az=67.0,Banda Sea

Table of station data for ISC 28 20:46:34.3,2.4,6.95S,129.04E,h0km,mb3.3/1, mb1 3.3/3, mb1mx3.1/34, mbmtpp3.1/3, ML3.3/2, MS3.4/1, Ms1 3.6/1, ms1mx2.8/9, Error ellipse: s-maj=156.7km s-min=33.6km az=67.0,Banda Sea. Includes stations like Warramunga Arr, ASAR, CMAR, MKAR, etc.

1514

PROD comp=E,1056jm,0.3s S Sb 20 51 04.4 +0.4
PROD AML AML 20 51 05.3
LOUT Loutraki 0.27 211 P Pb 20 51 00.8 -0.3
ACOR Acrocorinthos 0.40 214 P Pb 20 51 02.9 -0.2
EPID Epidaurou 0.60 182 S Pb 20 51 06.8 +0.2
EPID Voula,Athens 0.63 126 S Sn 20 51 15.8 -0.9
VLY Voula,Athens 0.63 126 S Pb 20 51 17.9 +0.4
DID Didima 0.72 174 P Pb 20 51 08.7 +0.3

SKHL 28 20:52:43.5,0.6,43.61N:147.82E,h48km,11km,mb4.2/4
JMA 28 20:52:43.2,0.4,43.61N:147.72E,h17km,M3.5
ISC 28 20:52:42.2,1.4,43.85N:108.147.60E:0.09,h1km,14km, n14,c090/21,Kuril Islands

Table of station data for 1514, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like Yuzh-Kuril'sk, Kuril'sk, Nemuro, Golovino, etc.

NEIC 28 21:04:37.7,1.1,36.80N:0.01:121.59W,0.02,h8km,9km, Central California

Main table of station data for 1514, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Residuals. Includes stations like Tustin Road, San Juan Bauti, Elkhorn Road, etc.





Table with columns: BRTR, CTI, CTT, GAZ, PDG, WRAB, WRA, WRA, NRCA, FITZ, CSS, SCTE, AS31, ASAR, ASAR, ESCD, ESDC, RAYN, RAYN, RAYN, STKA, FORT, TORD. Includes station names, coordinates, and various parameters.

NNC 28 21:34:56.2.2.9, 4019N, 77.01E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=19.8km s-min=15.4km az=168.0

KRNET 28 21:34:58.7.0.1, 40133N, 77.11E, mb2.8

SOME 28 21:34:58.0, 40.27N, 77.07E, h5km

ISC 28 21:35:00.7.1.8, 40.39N, 0.08, 76.99E, 0.03, h10km, n59, 153/90, 25C-9D, Kyrgyzstan-Xinjiang border region

Main table for 1517 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NRYN, KAJIS, ULUH, KZAR, BOOM, PRZ, ARLS, UCH, TNS, ZV, KBK, TKM, KST, MTBS, MDO, MDO, MDO, MDO, KOT, KOT, KOT, SAT, SAT, SAT.

Main table for 2013 SEP with columns: SATY, AAK, AAK, AAK, AAK, AAK, ZHN, ZHN, ZHN, DGS, DGS, DGS, DGS, EKS2, KPKK, SHLS, SHLS, SHLS, KTBS, KTBS, CHKK, CHKK, CHKK, PDGK, PDGK, PDGK, KUU, KUU, MRKS, MRKS, ARXS, ARXS, ARXS, DJR, DJR, DJR, KK31, KK31. Includes station names, coordinates, and various parameters.

MEX 28 21:38:33.2.0.6, 14.34N, 92.31W, h31km, 19km, MD3.7

GCG 28 21:38:34.0.0.5, 14.53N, 92.17W, h59km, 126km, MD4.0

ISC 28 21:38:30.1.2.5, 14.6N, 0.1, 92.23W, h5km, 13km, n6, 150/127, Near coast of Chiapas

Table for 2013 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like OHWZ, OHWZ, POWZ, POWZ, MRZ, MRZ, TSZ, TSZ, WAZ, WAZ, OGWZ, OGWZ, PRWZ, PRWZ, DVHZ, DVHZ, HOWZ, HOWZ, KIW, KIW, TIWZ, TIWZ, PNHZ, PNHZ.

Main table for 28d 21h with columns: BFZ, BFZ, MTVZ, MTVZ, CANNON, CANNON, WPHZ, WPHZ, MOVZ, MOVZ, ANWZ, ANWZ, MTW, MTW, PKVZ, PKVZ, BHHZ, BHHZ, CPWZ, CPWZ, TRVZ, TRVZ, TMWZ, TMWZ, WHVZ, WHVZ, DRZ, DRZ, TUWZ, TUWZ, KRHZ, KRHZ, PRHZ, PRHZ, LREZ, LREZ, NGZ, NGZ, PAWZ, PAWZ, TRVZ, TRVZ, MSWZ, MSWZ, TWVZ, TWVZ, KRVZ, KRVZ, DUWZ, DUWZ, TRVZ, TRVZ, VRZ, VRZ, TRWZ, TRWZ, BHW, BHW, PCWZ, PCWZ, TRVZ, TRVZ, KAHZ, KAHZ, KATZ, KATZ, PLWZ, PLWZ, RITZ, RITZ, MCHZ, MCHZ, PAWZ, PAWZ, NBEZ, NBEZ, CKHZ, CKHZ, WATZ, WATZ, MHZ, MHZ, MRHZ, MRHZ, CMWZ, CMWZ, NNZ, NNZ, HIZ, HIZ, PSWZ, PSWZ, MTHZ, MTHZ, ALRZ, ALRZ, WHHZ, WHHZ, RAHZ, RAHZ, TLZ, TLZ, HSRZ, HSRZ, RTZ, RTZ, MUGZ, MUGZ, RRRZ, RRRZ, SNGZ, SNGZ, RUGZ, RUGZ, MKAZ, MKAZ, HAZ, HAZ, KBZ, KBZ, PUZ, PUZ, PKGZ, PKGZ, GYZ, GYZ, AWAZ, AWAZ, ETAZ, ETAZ, EPWZ, EPWZ, HBAZ, HBAZ, WMGZ, WMGZ, WIAZ, WIAZ, MBZ, MBZ, KUZ, KUZ, AMCZ, AMCZ, MXZ, MXZ, INZ, INZ, OKCZ, OKCZ, CRZL, CRZL, OXZ, OXZ, DRZ, DRZ, AKCZ, AKCZ, WCVZ, WCVZ, WCVZ, WCVZ, RBZ, RBZ, RBZ, RBZ, LBZ, LBZ, JDCZ, JDCZ, OJZ, OJZ, ETAZ, ETAZ, TUZ, TUZ, SYZ, SYZ, PYZ, PYZ. Includes station names, coordinates, and various parameters.

ISC 28 21:47:02.3.0.3, 62.62N, 0.03, 127.68W, 0.04, h10km, mb3.2/1, Error ellipse: s-maj=3.7km s-min=2.6km az=4.6

ISC 28 21:47:05.0.0.2, 62.57N, 127.89W, h1km, ML4.0/10, 277km Nne of Watson Lk., Yt Nw Territories - Nunavut



Canada
IDC 28 21:47:05.4+1.0, 62.84N:127.62W, h0km, mb3.1/2,
mb1.3/6, mb1mx3.4/39, mbtmp3.5/6, ML3.6/4, MS3.1/1,
Ms1.3/1.1, ms1mx2.4/20, Error ellipse: s-maj=21.4km
s-min=8.6km az=15.0

NEIC 28 21:47:06.0+0.9, 62.61N:127.77W, 0.2, h15km, 8km
ISC 28 21:47:05.3+0.6, 62.63N:127.52W, 0.03, h10km, n81,
c#260/133, Northwest Territories

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Northern BC 1, Northern BC 2, Whitehorse, Fort Nelson, Dease Lake, etc.

0.3nm, 0.7s, baz=350, slow=10, SNR=3.5
LR
comp=Z, 5.1nm, 20.3s, baz=346, slow=38
LR
TXAR Lajitas Array 36.74 144 P P 21 54 15.8 +3.1
0.3nm, 0.6s, baz=355, slow=9.3, SNR=3.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BUI, ISOCBJ, SAUI, BNDI, AMBON, etc.

Table with columns: STKA, LR, LR, Time, Res. Lists stations like EIDS, KGM, HHT, NWAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI, MTN, SANI, MMRI, etc.

DDA 28 23:21:10.8, 39:35N-26:07E, h7km, 2km, ML2.6
ISK 28 23:21:10.7, 39:34N-26:09E, h4km, ML2.2/18
ISCJB 28 23:21:11.3, 0.4, 39:36N-02:26:05E, 0.03, h5km, 3km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRK, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIGH, SIGR, BOZC, etc.

MEX 28 23:25:07.3, 0.3, 27.74N, 105.54W, h20km, MD3.7, Northern Mexico

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HPIG, WRA, etc.

ISC 28 23:37:02.8, 3.6, 18S-129.41E, h0km, mb3.6/1, mb1.3/3, mb1mx3.4/19, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=155.4km s-min=31.3km az=68.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, etc.

ISC 28 23:41:54.5, 0.3, 39:18N-67:20E, h0km, mb3.2/1, mb1.3/3, mb1mx3.1/28, mbtmp3.3/3, ML3.1/2, Error ellipse: s-maj=229.7km s-min=24.6km az=150.0, NNC 28 23:41:58.5, 3.9, 37:15N-71:10E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=28.7km s-min=26.5km az=179.0, ISC 28 23:41:51.3, 1.9, 36:50N-02:27:10E, 0.2, h20km, n6, az=259/9, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR, ZALV, TORO, etc.

KRSC 28 23:57:20.6, 0.8, 55.02N-162.95E, h39km, 14km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKZ, KBTR, etc.

DDA 29 00:03:25.0, 40:35N-27:42E, h7km, 1km, ML1.9, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SART, BAYC, etc.

DDA 29 00:04:01.1, 38:87N-27:83E, h10km, ML1.9, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS, ZEDA, etc.

IDC 29 00:07:20.7, 2.5, 36:48N-71:41E, h145km, 22km, mb3.9/23, mb1.4/130, mb1mx3.9/53, mbtmp4.4/30, MS3.4/1, Ms1.3/4.1, ms1mx2.5/4.1, Error ellipse: s-maj=15.8km s-min=9.6km az=8.0, ISCJB 29 00:07:20.5, 0.2, 36:53N-02:71:33E, 0.02, h150km, mb4.3/80, Error ellipse: s-maj=3.2km s-min=2.7km az=25.2, MOS 29 00:07:23.6, 1.1, 36:68N-71:40E, h178km, mb4.5/41, Error ellipse: s-maj=6.2km s-min=4.0km az=112.3, BUJ 29 00:07:24.0, 0.0, 36:65N-71:44E, h177km, mb4.4/23, NEIC 29 00:07:24.2, 1.2, 36:68N-02:05:71:28E, 0.06, h178km, 7km, mb4.4/68, NNC 29 00:07:25.4, 1.4, 36:90N-71:12E, h163km, 15km, mb3.9, mpv4.8, Error ellipse: s-maj=12.7km s-min=8.0km az=163.0, ISC 29 00:07:21.0, 4.0, 36:59N-02:04:71:35E, 0.03, h150km, h150km, pP-N, n322, 0200/347, mb4.4/95, 19C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS, ZEDA, etc.

ISC 29 00:07:21.0, 4.0, 36:59N-02:04:71:35E, 0.03, h150km, h150km, pP-N, n322, 0200/347, mb4.4/95, 19C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GARM, KABUL, etc.

MEX 28 23:25:07.3, 0.3, 27.74N, 105.54W, h20km, MD3.7, Northern Mexico

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HPIG, WRA, etc.

ISC 28 23:37:02.8, 3.6, 18S-129.41E, h0km, mb3.6/1, mb1.3/3, mb1mx3.4/19, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=155.4km s-min=31.3km az=68.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, etc.

ISC 28 23:41:54.5, 0.3, 39:18N-67:20E, h0km, mb3.2/1, mb1.3/3, mb1mx3.1/28, mbtmp3.3/3, ML3.1/2, Error ellipse: s-maj=229.7km s-min=24.6km az=150.0, NNC 28 23:41:58.5, 3.9, 37:15N-71:10E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=28.7km s-min=26.5km az=179.0, ISC 28 23:41:51.3, 1.9, 36:50N-02:27:10E, 0.2, h20km, n6, az=259/9, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, etc.

29d 0h

Table of astronomical data for 29 days and 0 hours. Columns include station ID, name, elevation, latitude, longitude, and various signal quality metrics.

2013 SEP

Table of astronomical data for September 2013. Columns include station ID, name, elevation, latitude, longitude, and various signal quality metrics.

1520

Table of astronomical data for station 1520. Columns include station ID, name, elevation, latitude, longitude, and various signal quality metrics.

Table of station data for the left column, including station names like Kongsberg, FETA, DOMB, etc., and their corresponding coordinates and parameters.

DJA 29.00:19:59.0, 4.2'S; 2\*11'9E", h14km, gkm, M5.0/16, mB5.3/7, mb5.0/15, ML4.5/16, Mw(MB) 4.0/7, IS/CJB 29.00:20:01.4, 0.4, 2.34S; 0.03x119.33E; 0.03, h56km, 4km, mb4.7/35, MS3.7/8, Error ellipse: s-maj=5.4km s-min=3.8km az=151.2

Table of station data for the middle column, including station names like Samarinda, Bulukumba, Kotabaru, etc., and their corresponding coordinates and parameters.

Table of station data for the right column, including station names like MAJO, MJAR, MJSU, etc., and their corresponding coordinates and parameters.

29d Oh

Table listing various stations and their parameters, including call signs like KMBO, HON, SDPT, HLP, etc., and associated technical details.

SNET 29 00:29:43.6:0.8,127.171N,-89.46W,h33km,2km,ML3.5,1D,

Off coast of central America

Table listing station names and parameters for the SNET off-coast region, including LCY, VSM, PACA, etc.

comp=Z,21m,0.8s,baz=90,slow=8.1,SNR=3.2

Table listing station names and parameters for the comp=Z,21m region, including FAGO, PAVA, LFU, etc.

IDC 29 00:35:50.5:0.9,4.61S,-124.15E,h0km,mb4,1/7,

mb1,4.3/11,mb1mx4,0/32,mbtmp4,1/11,ML3.6,MS3.2/2,

M1,3.2/2,ms1mx2,8/32,Error ellipse: s-maj=31.9km

s-min=17.1km,az=74.0

NEIC 29 00:35:52.9:1.6,4.59S,0.06x124.11E:0.08,h9km,4km,

mb4,6/17

ISCJ/B 29 00:35:54.2:0.3,4.56S:0.03x123.96E:0.03,h30km,

mb4,1/8,MS2.9/1,Error ellipse: s-maj=4.3km s-min=4.0km

az=19.0

DJA 29 00:35:57.0:0.3,4.52S,-124.4E,h6km,18km,M4.5/12,

mb5.0/6,ms1mx2,0/4,ML4.4/3/2,Mw(MB)4.3/4

ISC 29 00:35:56.3:0.5,4.56S:0.04x124.00E:0.04,h30km,n68,

s1999/73,mb4.4/16,1C,Banda Sea

Table listing station names and parameters for the IDC, NEIC, ISCJ/B, DJA, and ISC regions, including KDI, KDI, BBSI, etc.

2015 SEP

Main table listing station names and parameters for the 2015 SEP period, including AS31, ASAR, MORW, FORT, etc.

1522

Table listing station names and parameters for the 1522 region, including GSC, EDW, EDW2, etc.

IDC 29 00:41:21.3:0.8,4.67S,-124.00E,h0km,mb4,1/8,

mb1,4.2/11,mb1mx4,0/31,mbtmp4,1/11,ML3.4,MS3.6/6,

MS1,3.6/6,ms1mx3,2/29,Error ellipse: s-maj=28.2km

s-min=16.4km,az=64.0

NEIC 29 00:41:23.0:1.4,4.29S:0.08x124.7E:0.1,h9km,mb4.5/18

ISCJ/B 29 00:41:23.9:0.3,4.66S:0.04x124.04E:0.04,h30km,

mb4,3/13,Error ellipse: s-maj=5.8km s-min=5.4km

az=174.6

DJA 29 00:41:24.8:0.5,4.54S,-124.4E,h10km,M4.6/7,mb5.2/3,

mb5.1/3,MLV4.3/7,Mw(MB)4.4/3

BUI 29 00:41:25.1:0.0,3.92S,-124.52E,h8km,mb4.6/20,

mb4,8/9

ISC 29 00:41:25.4:0.4,4.63S:0.05x123.98E:0.04,h30km,n69,

s230/64,mb4.4/21,1D,Banda Sea

Table listing station names and parameters for the IDC, NEIC, ISCJ/B, DJA, and ISC regions, including KDI, KDI, BBSI, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations like HHC, USRK, USRQ, etc.

ICD 29:01:05:34.4.2.5, 6.24S, 130.11E, h0km, mb3.7/1, mb1 3.7/3, mb1mx3.4/4, mbtm3.6/3, ML3.4/2, Error ellipse: s-maj=172.7km s-min=31.2km az=70.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

ISCJB 29:01:12:58.8.0.4, 12°12'N, 106°140'30"E, 0.9, h30km, mb4.0/16, MS3.5/4, Error ellipse: s-maj=13.0km s-min=7.5km az=163.8

NEIC 29:01:12:57.1.1.6, 12°11'N, 106°140'30"E, 0.2, h40km, 7km, mb4.5/22

ICD 29:01:12:58.8.5.8, 12°10'N, 140°29'E, h56km, 53km, mb3/8, mb1 3.9/17, mb1mx3.7/44, mbtm3.4/0, ML3.4/2, MS3.5/6, Ms1 3.5/6, ms1mx3.1/32, Error ellipse: s-maj=27.1km s-min=13.5km az=163.8

ISC 29:01:12:55.7.0.6, 12°16'N, 08°140'30"E, 0.1, h30km, n55, -085/51, mb4.3/25, MS3.5/4, Western Caroline Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

ATH 29:01:13:05.9, 39°06'N, 27°34'E, h29km, 1km, ML3.2/8, Error ellipse: s-maj=2.3km s-min=1.3km az=278.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

AKS Akhisar 0.48 121 P Pg 01 13 15.4 -1.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

BYC CANAKKALE\_Bayr 0.84 317 P P 01 13 23.4 -0.4

URLA Izmir 0.94 215 P P 01 13 24.5 -0.1

URLA Izmir 0.94 215 PG P 01 13 24.4 -0.1

GNPN Gulpinar-Canak 0.95 291 PG P 01 13 25.9 +0.6

EZN Ezine 1.02 313 S Sn 01 13 24.1 +0.9

EZN Ezine 1.02 313 PG Sn 01 13 24.2 +2.1

EZN Ezine 1.02 313 S Sn 01 13 26.8 +0.5

DURS Dursunbey 1.04 62 P Pg 01 13 25.9 -1.0

ZZEY zmir 1.08 215 P Pn 01 13 27.5 +0.4

GMLD Gumuldur 1.09 196 Pn Pn 01 13 27.7 +0.5

CESE eme 1.11 224 Pn Pn 01 13 27.8 +0.3

SIGR SIGRI 1.11 275 S Pn 01 13 28.2 +0.7

SIGR SIGRI 1.11 275 P Pn 01 13 28.3 +0.7

SIGR SIGRI 1.11 275 S Sn 01 13 28.4 +0.8

SIGR SIGRI 1.11 275 Pn Pn 01 13 28.5 +0.8

SIGR SIGRI 1.11 275 Pn Pn 01 13 28.6 +0.8

SIGR SIGRI 1.11 275 Pn Pn 01 13 28.7 +0.8

SIGR SIGRI 1.11 275 Pn Pn 01 13 28.8 +0.8

SIGR SIGRI 1.11 275 Pn Pn 01 13 28.9 +0.8

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

ICD 29:01:13:55.1.1.4, 4.49S, 124.30E, h0km, mb3.8/3, mb1 3.8/6, mb1mx3.6/39, mbtm3.8/5, ML3.3/2, MS3.2/3, s-maj=22.4km s-min=2.8/33, Error ellipse: s-maj=50.3km s-min=12.7km az=70.0, Banda Sea

KAPI Kappang 4.56 263 Pn Pn 01 15 03.9 -1.5

DAV Davao City (W) 11.55 6 P LR 01 21 19.9

WRA Warrung Arr 18.21 148 P LR 01 18 40.0 +0.2

WRA Warrung Arr 18.21 148 P LR 01 25 33.2

ASAR Alice Springs 21.20 155 P P 01 18 44.4 +1.9

ASAR Alice Springs 21.20 155 P P 01 26 48.1

CTA Charters Tower 26.41 128 P P 01 19 31.8 -1.9

MKAR Makanchi Array 63.10 329 P P 01 24 29.4 +0.4

ICD 29:01:19:53.9, 3.7, 28°04'N, 65°35'E, h0km, mb3.8/6, mb1 3.8/6, mb1mx3.4/45, mbtm3.8/6, MS3.4/1, Ms1 3.4/1, ms1mx2.6/34, Error ellipse: s-maj=82.2km s-min=30.5km az=149.7

ISCJB 29:01:19:56.8, 3.0, 28°04'N, 65°35'E, 0.3, h33km, mb3.7/6, MS3.4/1, Error ellipse: s-maj=67.2km s-min=25.6km az=149.7

ISC 29:01:19:59.2, 3.8, 28°11'N, 65°35'E, 0.4, h35km, n6, -099/6, mb3.7/6, Pakistan

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Res, ISC, H, M, S, I, S, C, R, S, C.

JMA 29:01:27:54.6.0.1, 37°51'N, 141°49'E, h47km, 1km, M3.5, Near east coast of eastern Honshu

29d 2h

Table with columns: JFT, Otama, 0.92 271 P, Pn, 01 28 11.9 +0.8, etc.

NIED 29 01:37:00.44:20N:142.10E,h230km,Mw4.1 Best double couple: Mo1.44000e1015 NP1.5a251.000000, etc.

ISC 29 01:37:30.5:1.2,44:19N:0.04:141.95E,0.04,h217km,5km, n93,r183/108,mb3.7/17,C-9D,Hokkaido region

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

1524

Main table for station data, columns: NEM2, Nemuro 2, 2.87 105 P, Pn, 01 38 17.1 -1.9, etc.

1524

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

SOME 29 02:06:37.2,41:02N:78:83E,h20km KRNET 29 02:06:40.0,0.1,41:24N:78:77E,h10km,mb3.6, etc.

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

DDA 29 01:47:44.9,38:14N:26:58E,h6km,5km,ML2.9 ISK 29 01:47:45.8,38:20N:26:67E,h4km,ML2.4/18, etc.

1525

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Direction, and Time. Includes stations like ULHL, PDGK, KPKS, TNS, KURS, MDO, ARX, and KUB.

2013 SEP

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Direction, and Time. Includes stations like DJR, UCH, ARL, AAK, USP, TDK, SGT, AML, MRK, MAK, MK31, ARX, DJR, TDK, KAP, KAP, and BATM.

29d 2h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Direction, and Time. Includes stations like TCM, KST, KNDC, KBK, KOTS, ZHN, UZB, AAK, DGS, AML, KURS, PDGK, PDGK, PDGK, KTBS, CHHK, KUU, KUU, KTMS, MNBS, MNBS, MRKS, ARXS, ARXS, DJR, DJR, TDK, TDK, KAP, KAP, KAP, KAP, and BATM.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARCES ARCES Array B, FINES FINES Array B, NOA, TORD, etc.

IDC 29 02:59:47.3.1.1, 11.74N:85.55W, h0km, mb3.8/5, mb1 4.0/7, mb1mx3.7/4.5, mbtmp3.7/7, ML3.3/2, MS3.1/5, Ms1 3.2/5, ms1mx2.7/4.4, Error ellipse: s-maj=59.8km s-min=16.7km az=62.0

ISCJB 29 02:59:48.7.0.6, 10.93N:107.86:48W:0.06, h10km, mb3.7/5, MS3.1/4, Error ellipse: s-maj=12.2km s-min=4.4km az=34.9

UCR 29 02:59:51.2.1.5, 10.99N:86.35W, h15km, 22km, MW4.2 NEIC 29 02:59:53.1.0.8, 11.01N:109.86:36W:0.05, h43km, 8km, mb4.0/6

SNET 29 03:00:06.3.0.5, 11.94N:87.05W, h13km, 999km, ML3.9 ISC 29 03:00:08.7.0.8, 11.99N:0.06:86.39W:0.07, h1km, n44, r=1843/1, mb3.9/7, MS3.0/4, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MASN Masaya, ACON Acopya, ACQ Acopya, CNGN Cerro Negro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTS, ARE1 Arenal 1, CEDE Laguna Cedeo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTS, ARE1 Arenal 1, CEDE Laguna Cedeo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG Matias Romero, ATAH Athalupa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NATX Nacodoches, TX31 Lajitas Ar. Si, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TX32 Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TXAR, TXAR Lajitas Array, WMOK Wicthita Mounta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PTGA Pitinga, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NV01 Mina Array Sit, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NVAR, ULM Lac du Bonnet, NEW Newport, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IL31 Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATH, ISCJB, TIR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VLO Viora, TIR Tirane, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIR, TPE Tepelena, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SRN Sarande, PSH Peshkopia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEST Nestorio, KEK Kerkira, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=E,460mu,1.3s, VPL comp=N,698mu,0.8s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=E,460mu,1.3s, VPL comp=N,698mu,0.8s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=E,143mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VPL comp=N,124mu,0.7s, VPL comp=N,124mu,0.7s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMSA Palmer Station, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CPUP, USHA Ushuaia, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLCA Paso Flores, CFA Comodoro Fontan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MATP Matopos, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GO01 Chumizma, MA01 Mawson, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPA South Pole Qui, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ La Paz, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PTGA Pitinga, TOAO Torodi Ar. Sit, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOAO, TORD, TOAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD, TOAO, TORD, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like South Pole Qui, Korea Array, Lo Mia Camp, etc.

VAO 29 04:01:30.9, 0.7, 22:07S:69.70W, h192km, 7km, mb4.0
NEIC 29 04:01:35.8, 2.2, 21:17S:63.51W, 0.1, h132km, 7km
ISCJB 29 04:01:35.8, 0.3, 21:17S:63.51W, 0.1, h137km, 3km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Chusmiza, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, Limon Verde, etc.

Table with columns for station name, magnitude, distance, and other parameters. Includes stations like SMF, HAU, SMRF, WILA, SLE, etc.

Table with columns for station name, magnitude, distance, and other parameters. Includes stations like WTTA, FUR, MTLF, LFF, GIVF, etc.

Table with columns for station name, magnitude, distance, and other parameters. Includes stations like KNT, KNT, KNT, NVR, SRS, etc.

IDC 29 04:04:15.7+1.5, 4.28S:150.66E, h0km, mb3.3/3, mb1 3.7/3, mb1mx3.3/29, mbtmp3.4/3, Error ellipse: s-maj=44.8km s-min=19.6km az=161.0, New Britain region

ISCJB 29 04:05:26.0±0.8, 15.42N±0.06, 93.06W±0.05, h97km±9km, Error ellipse: s-maj=11.7km s-min=5.8km az=27.6

MEX 29 04:05:26.7±0.8, 15.38N±93.02W, h103km±9km, MD3.9 GOG 29 04:05:28.2±0.6, 14.73N±92.29W, h50km±9km, MD4.2

SNET 29 04:05:31.0±1.1, 15.30N±92.54W, h111km±9km, ML3.5 ISC 29 04:05:26.4±1.4, 15.41N±0.07, 93.05W±0.05, h96km±11km, n12, c181/20, Near coast of Chiapas

ISCJB 29 04:18:54.3±0.3, 41.94N±0.01, 23.01E±0.02, h2km±2km, Error ellipse: s-maj=3.1km s-min=1.9km az=163.4

ISK 29 04:18:54.7, 41.90N±23.02E, h7km, ML2.5/5 SKO 29 04:18:54.5, 41.92N±23.01E, h9km, ML2.1, ML2.4

SOF 29 04:18:54.4, 41.96N±23.01E, h12km ATH 29 04:18:55.7, 41.87N±23.05E, h26km±1km, ML2.3/7, Error ellipse: s-maj=4.1km s-min=1.6km az=163.0

THE 29 04:18:56.5, 41.85N±23.04E, h5km±1km, ML2.3/11, Error ellipse: s-maj=1.5km s-min=0.9km az=171.0

BEO 29 04:18:56.6±0.5, 41.95N±22.96E, h0km, ML2.1/8 ISC 29 04:18:54.1±0.8, 41.93N±0.01, 22.97E±0.02, h8km±4km, n82, c184/129, 22C-8Z, Northwestern Balkan Peninsula

Table with columns for station name, magnitude, distance, and other parameters. Includes stations like Code, Station Name, Az, Phase ID, Time Res, etc.

ISCJB 29 04:21:30.5±0.6, 76.89N±0.03, 18.4E±0.2, h1km±7km, Error ellipse: s-maj=7.2km s-min=3.8km az=136.8

NAO 29 04:21:32.8±1.0, 76.89N±18.31E, h16km±9km, ML3.0 IEPN 29 04:21:35.3, 76.94N±18.52E, h10km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSPB Hornsund, SPAO Spitsbergen, BRBA Barentsburg, etc.

JMA 29 04:24:16.7±0.1, 24.09N, 123.58E, h19km, M1.6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, IRIF Iriomote-Funau, etc.

TAP 29 04:25:03.8, 24.15N, 121.63E, h6km, M1.1, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, TWD Chiawan, etc.

MEX 29 04:58:30.6±0.4, 16.05N, 98.21W, h30km, M3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, VHO Vista Hermosa, etc.

ISC 29 05:03:28.1±1.6, 29.59N, 131.28E, h44km, M3.5/3, mb1 3.6/8, mb1mx3.4/35, mbtmt3.7/8, ML2.9/4, MS3.4/1, Ms1 3.4/1, ms1mx2.6/20, Error ellipse: s-maj=24.3km

ISCJB 29 05:03:29.5±0.8, 29.71N, 131.06E, 10.1, h57km, 8km, mb3.5/3, MS3.3/1, Error ellipse: s-maj=15.4km

JMA 29 05:03:30.2±0.2, 29.73N, 131.03E, h39km, M2.9, M3.3

ISC 29 05:03:29.0±1.1, 29.68N, 131.15E, 0.07, h40km, M1.5km, n24, c1926/35, mb3.5/3, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMNT Minamitane, JYAK Yakushimahirau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKC Kuchinoerabu, JCSR Tashiro 2, etc.

NNC 29 05:04:11.4±1.2, 39.52N, 68.36E, h0km, mb3.5, mpv3.1, 3C, Error ellipse: s-maj=10.7km s-min=7.6km az=145.0, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IUG Iuzhnyay, BRLS Borolday, etc.

NIED 29 05:04:00, 29.70N, 131.00E, h35km, Mw4.4, Best double couple: M4.07000, 1015 NP1: 175.00000, 834.00000, 333.00000, NP2: 56.00000, 872.00000, 119.00000

BUJ 29 05:04:16.0±0.2, 28.80N, 131.20E, h5km, mb4.4/24, mb4.7/17, Ms4.0/9, Ms7.3/8/9, ISCJB 29 05:04:25.7±0.4, 29.63N, 131.09E, 0.05, h38km, mb4.0/20, MS3.6/5, Error ellipse: s-maj=6.1km s-min=3.8km az=19.9

JMA 29 05:04:27.0±0.2, 29.72N, 131.05E, h35km, M2.9m, M4.1

IDC 29 05:04:28.6±1.5, 29.71N, 130.89E, h42km, 12km, mb3.8/16, mb1 3.9/22, mb1mx3.8/36, mbtmt4.0/22, ML3.4/6, MS3.5/7, Ms1 3.5/7, ms1mx3.1/35, Error ellipse: s-maj=19.1km s-min=8.6km az=113.0

ISC 29 05:04:27.9±0.6, 29.68N, 131.06E, 0.07, h38km, n80, c18181/83, mb4.3/31, MS3.8/5, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMNT Minamitane, JYAK Yakushimahirau, etc.

INU Inuyama, KSRK Korea Array

MAJO Matsushiro, MAT Matsushiro

USK USSuriysk Arr, USR USSuriysk Arr

CN2 Changchun

BJT Beijiatau, BJL Beijing

MAJO Matsushiro, MAT Matsushiro

USK USSuriysk Arr, USR USSuriysk Arr

CN2 Changchun

BJT Beijiatau, BJL Beijing

MAJO Matsushiro, MAT Matsushiro

USK USSuriysk Arr, USR USSuriysk Arr

CN2 Changchun

BJT Beijiatau, BJL Beijing

MAJO Matsushiro, MAT Matsushiro

USK USSuriysk Arr, USR USSuriysk Arr

CN2 Changchun

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like XAN Xi'an, XAN Xi'an, etc.

PETK Petropavlovsk-6.4nm, 0.9s, baz=251.1, slow=9.0, SNR=3.2

SBUM Sibiu, SBUM Sibiu

WMQ Urumqi, WMQ Urumqi

WMQ Urumqi, WMQ Urumqi

SOEI Soe, SOEI Soe

ZALV Zalesovo Beam, ZALV Zalesovo Beam

MK31 Makanchi Array, MKAR Makanchi Array

MKAR Makanchi Array, MKAR Makanchi Array

MAKZ Makanchi, TIXI Tikisi

MNAX Manana, KURK Kurchatov

KSH Kashi, KSH Kashi

AAK Ala-Archa, AAK Ala-Archa

WRAP Tennant Creek, BRVK Borovoye

BRVK Borovoye, BRVK Borovoye

KK31 Karatay Array, KK31 Karatay Array

KKAR Karatay Array, KKAR Karatay Array

ASAR Alice Springs, ASAR Alice Springs

ABKAR Abkula array, ABKAR Abkula array

ARU Arti, ARU Arti

GEYT Aitabek, ILAR Eielson Array

ILAR Eielson Array, ILAR Eielson Array

KNTN Kanton, INK Inuvik

CAN Canberra, ARCES ARCESS Array B

KBZ Khabaz, FINES FINESS Array B

FINES FINESS Array B, AKASA Malin Array B

BRTR Keskin Array B, NOA NORRAR Array B

NOA NORRAR Array B, VYHS Vyhne

VYHS Vyhne, NMAR Mina Array Bea

NMAM Old Mammoth Mt, QLMT Earthquake Lak

PDAR Pineedale Array, VAE Valguarnera

VAE Valguarnera, VAE Valguarnera

ISK 29 05:19:52.4, 38.93N, 43.56E, h26km, ML2.4/3

DDA 29 05:19:54.2, 38.94N, 43.56E, h17km, 4km, ML3.0

ISC 29 05:19:53.4±1.1, 38.92N, 0.06, 43.54E, 0.06, h17km, gkm, n7, c088/13, Turkey

VMUR Van-Muradiye, VMUR Van

VMUR Van, VAND Van

CLDR Caldiran, CLDR Caldiran

CLDR Caldiran, TVAN Van

TVAN Van, TVAN Van

ADCV Adilcevaz, ADCV Adilcevaz

ADCV Adilcevaz, ADCV Adilcevaz





29d 8h

Table with columns: BOZC, Bozcaada, 0.49 358, i P, Pg, 07 49 44.0 +0.1, Sg, 07 49 49.5 -0.9. Includes various station names and coordinates.

ISCJB 29 07:54:42.1±0.5, 24.87N±0.02, 122.122E±0.02, h7km±3km, Error ellipse: s-maj=3.9km s-min=3.6km az=139.3

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like TWB1, TWB1, TWB1, etc.

2013 SEP

Table with columns: TWD, Chiawan, 0.96 216, eP, Pb, 07 55 00.1 -0.7. Includes stations like LIOB, WHF, TWT, etc.

HLW 29 08:02:48.1, 31.05°N, 35.08°E, h9km, 13km, Md2.6. ISCJB 29 08:02:49.3±0.7, 30.92N±0.05, 34.94E±0.07, h8km, Error ellipse: s-maj=8.9km s-min=6.7km az=29.2

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like KRNET, TAS, BTk, etc.

KRNET 29 08:13:01.1±0.1, 41.13N±0.34E, h30km, mb1.7, 4C-2D, Kyrgyzstan. Error ellipse: s-maj=4.6km s-min=1.8km az=50.0. Suspected Mining explosion., Central Kazakhstan

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like KK06, KK06, KK07, etc.

TRN 29 08:24:38.2, 15.74N±0.603W, h24km, MD3.6, Leeward. Error ellipse: s-maj=1.8km s-min=1.8km az=50.0. Suspected Mining explosion., Central Kazakhstan

1532

Table with columns: Aeronautique, 1.17 189, eP, Pn, 08 24 59.4 +0.2. Includes stations like TRMF, BIM, BPOA, etc.

ISCJB 29 08:41:30.3±0.4, 32.77N±0.003, 116.24W±0.02, h12km±3km, Error ellipse: s-maj=4.8km s-min=2.5km az=2.8

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res. Lists stations like MONP2, IKP, SWSC, etc.





29d 9h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GUMG, ARMA, FAKI, WRAB, etc.

2013 SEP

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ERM, USNR, USRK, etc.

1534

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MKAR, MAW, KURK, etc.

ATH 29 09:02:29.9, 39:35N-26:08E, h19km, 2km, ML2.3/5, Error ellipse: s-maj=3.0km s-min=1.2km az=209.0, ISCJB 29 09:02:30.4, 0.4, 39:36N-0:02-26:11E-0:03, h8km, 3km, Error ellipse: s-maj=3.4km s-min=2.7km az=159.7, THE 29 09:02:30.6, 39:37N-26:06E, h14km, 2km, ML2.2/9, Error ellipse: s-maj=2.2km s-min=0.8km az=130.0, DDA 29 09:02:30.1, 39:38N-26:13E, h7km, 4km, ML2.7, ISK 29 09:02:31.8, 39:35N-26:26E, h13km, ML2.8/8, ISC 29 09:02:30.0-0.8, 39:38N-0:02-26:14E-0:02, h17km, 6km, n35, c117/61, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time Res. Includes stations like PRK, PARASKEVI, etc.

Table with columns: BOZC, comp-Z, IAML\_P, EZN, Ezine, 0.47 18 P S Pb, 09 02 39.8 0.0, BAYC, CANAKKALE\_Bayr, 0.48 41 i/s P S Pb, 09 02 47.4 +0.9, etc.

NNC 29 09:03:06.1±0.9,41.86N;78°23'E, h0km, mb3.6, mpv3.4, 2C-3D, Error ellipse: s-maj=6.8km s-min=3.4km az=166.0, Suspected Mining explosion., Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, SATY, Saty, 1.21 6 P P, 09 03 27.6 -1.6, UZB, Uzynbulak, 1.42 24 P, 09 03 31.4 -1.8, etc.

Table with columns: DJR, 6.7nm,0.3s, JarKent, 2.73 24 Pg Pb, 09 03 54.1 -1.6, AAK, Ala-Archa, 2.88 287 Pn Pn, 09 03 54.3 +0.8, etc.

BULI 29 09:04:15.9±0.0,56°30'N;110°27'E, h12km, mb4.4/28, mB4.6/21, Ms4.1/18, Ms7.4/0/19, IDC 29 09:04:19.1±0.7,55°90'N;110°04'E, h0km, mb4.1/18, mb1.4/23, mb1mx4.2/42, mbtmp4.2/23, ML3.8/5, MS3.5/13, Ms1.3.5/13, ms1mx3.3/43, Error ellipse: s-maj=15.4km s-min=10.3km az=127.0

MOS 29 09:04:19.5±1.1,55°91'N;110°08'E, h13km, mb4.5/14, Error ellipse: s-maj=7.8km s-min=5.9km az=77.9 MOS Fell (I) at Nizhneangarsk. BYKL 29 09:04:21.3±0.2,55°83'N;110°16'E, h14km,2km, FELT I=IV MSK at Kichera, Nizhneangarsk, III-IV at Ulkan. NEIC 29 09:04:22.3±1.1,55°86'N;110°11'E,0.1, h19km,2km, mb4.5/33

ISC 29 09:04:19.2±0.7,55°78'N;110°02'E,0.02,h3km,4km, m227,±1884/314, mb4.4/45, MS3.6/11, 19C-12D, Lake Baykal region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, NIZ, Nizh Angarsk, 0.36 270 P/Pg Pmax Pb, 09 04 28.5 +0.3, YOA, Uoyan, 0.94 67 P/Pg Pmax Pb, 09 04 38.6 +0.4, etc.

Table with columns: TRTB, Turuntaevo, 3.86 204 i/Pn Pn, 09 05 21.8 +2.5, Ulan-Yde, 4.19 202 e/Pn Pn, 09 05 25.9 +2.6, Chita, 4.26 151 e/Pn Pn, 09 05 36.0 +1.2, Kabansk, 4.27 211 e/Pn Pn, 09 06 34.9 -0.7, Bolshoye Golou, 4.68 219 e/Pn Pn, 09 05 32.9 +2.3, Irkutsk, 4.96 227 e/Pn Pn, 09 05 36.6 +2.1, Listvyanka, 5.03 221 e/Pn Pn, 09 05 37.0 +1.6, Ivanovka, 5.24 223 e/Pn Pn, 09 05 40.1 +1.8, Khani, 5.57 74 e/Pn Pn, 09 06 02.6 -3.2, Talaya, 5.64 226 e/Pn Pn, 09 05 44.9 +1.0, Bodaibo, 2.94 44 e/Pn Pn, 09 05 07.8 +1.2, etc.

Table with columns: 09 05 21.8 +2.5, 09 05 31.9 -1.1, 09 05 38.2 e, 09 06 05.7 +0.6, 09 06 21.9 -1.0, 09 05 24.9 e, 09 05 21.0 +1.3, 09 05 29.7 +1.4, 09 06 04.7 -1.1, 09 06 19.5 +3.8, 09 05 25.9 +2.6, 09 05 37.9 +1.5, 09 06 12.9 -0.3, 09 06 32.5 -1.1, 09 06 55.8, 09 05 26.0 +1.2, 09 05 38.3 -2.4, 09 05 39.2, 09 06 34.4 -1.4, 09 06 38.1, 09 05 18.7 -6.1, 09 05 37.9 -2.8, 09 06 15.9 +0.9, 09 05 34.9 -0.7, 09 06 27.7 +2.9, 09 05 31.1, 09 06 14.6 -0.7, 09 06 34.3 -2.0, 09 07 06.1, 09 05 40.8 -0.2, 09 06 35.8, 09 05 32.7, 09 05 44.5, 09 06 23.9 +1.2, 09 06 44.0 -1.9, 09 06 55.0, 09 05 32.9 +2.3, 09 05 41.0, 09 05 46.0 -2.7, 09 05 50.4, 09 06 24.7 -0.6, 09 05 45.6, 09 06 47.4 -1.9, 09 06 49.0, 09 05 36.6 +2.1, 09 05 52.1 -2.1, 09 06 00.9, 09 06 32.7 +0.4, 09 06 56.9 -1.5, 09 07 04.1, 09 07 08.0, 09 05 35.3 +0.8, 09 05 52.1, 09 06 33.1 +0.8, 09 06 57.1, 09 05 34.6 +0.1, 09 05 37.0 +1.6, 09 06 22.5 +1.5, 09 06 49.8, 09 06 57.2 -3.5, 09 07 10.9, 09 05 40.1 +1.8, 09 05 55.5 +4.1, 09 06 01.0, 09 05 38.0 -1.2, 09 06 54.2, 09 07 03.7 -3.7, 09 07 05.9, 09 06 02.6 -3.2, 09 06 46.5 -0.9, 09 07 13.8 -4.2, 09 07 33.5, 09 05 44.9 +1.0, 09 06 47.9 -1.1, 09 07 18.0, 09 05 44.9 +1.0, 09 06 04.2 -3.0, 09 06 13.6, 09 06 47.7 -1.3, 09 07 01.8, 09 07 17.6 -2.6, 09 07 22.6, 09 05 44.8 +1.0, 09 05 02.8, 09 06 48.2 -0.8, 09 07 18.1, 09 05 44.9 +1.0, 09 06 48.3 -0.7, 09 05 46.9 +1.2, 09 05 57.3, 09 06 05.2 -4.5, 09 06 07.4, 09 06 08.1, 09 06 50.2 -2.2, 09 07 20.5 -4.0, 09 07 41.9, 09 05 46.7 +1.0, 09 06 03.9, 09 06 52.2 -0.2, 09 07 19.4, 09 05 50.3, 09 05 20.9 +1.6, 09 05 35.9, 09 05 47.8 -0.5, 09 05 59.9 -1.2, 09 06 08.3, 09 05 10.9 +0.9, 09 05 17.9, 09 05 13.1 +2.0, 09 05 20.7 -0.9, 09 05 51.1 +0.7, 09 05 03.2 -0.6, 09 05 20.7 +2.7, 09 05 30.3 -0.9, 09 05 31.0, 09 06 04.0 +1.2, 09 05 19.1 -0.8, 09 05 22.8, 09 05 20.9 +2.9, 09 05 30.3, 09 06 05.7 +2.9, 09 05 19.3, 09 06 03.0 +2.8, 09 06 03.8

29d 9h

Table of astronomical observations for 29d 9h, listing stations like MOY, ORL, IENR, etc., and their corresponding data points.

2013 SEP

Table of astronomical observations for 2013 SEP, listing stations like KSRS, KSRG, KEYS, etc., and their corresponding data points.

1536

Table of astronomical observations for 1536, listing stations like DRGR, ARR, CHVC, etc., and their corresponding data points.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IJH Ishigaki jima, JJJ Wulai, NWSG Ishigakijimahi, etc.

ISC/JB 29 09:27:35.9,0.6,37.33S,0.09,11.69W,0.07,h10km, mb4, 1/2, MS3.4/5, Error ellipse: s-maj=14.2km s-min=6.8km az=20.7

IDC 29 09:27:35.2,1.7,37.34S,11.82W,h0km,mb4, 1/2, mb1 4.2/2, mb1mx3.6/1.9, mbtmp4, 1/2, MS3.3/5, Ms1 3.4/5, ms1mx3.1/1.8, Error ellipse: s-maj=64.3km s-min=11.5km az=22.0

NEIC 29 09:27:39.0,0.8,37.55S,0.1x11.3W,0.1,h10km,1km, mb4, 1/9

ISC 29 09:27:38.3,0.7,37.33S,0.1x11.57W,0.07,h10km,n22, e133/19,mb4,1/6,MS3.3/5,Tristan da Cunha region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like H09N1 TRISTAN DA CUN, H09N11 TRISTAN DA CUN, WIN Windhoek, etc.

IDC 29 09:58:17.5,1.4,27.10N,65.72E,h0km,mb3.5/5, mb1 3.7/5, mb1mx3.4/2.9, mbtmp3.5/5, Error ellipse: s-maj=40.1km s-min=31.1km az=18.0, Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, ARCES ARCES Array B, etc.

NIED 29 10:15:00,23.90N,122.50E,h29km,Mw4.3 Best double couple: M3.55000x1015 NP1.3e298.00000, 314.00000, 1.144.00000, NP2.6e3.00000, 882.00000, 1.78.00000

NEIC 29 10:15:05.8,2.2,23.92N,0.05,122.58E,0.04,h13km,3km, mb4, 4/23

BUI 29 10:15:06.8,0.0,24.07N,122.66E,h24km,mb4,3/23, mb4,5/16,ML4,3/1,Ms4,2/14,Ms7,3/9/15

JMA 29 10:15:07.8,0.3,23.93N,122.52E,h20km,4km,M4,2 TAP 29 10:15:08.3,23.97N,122.53E,h26km,ML4,2,2

IDC 29 10:15:09.4,3.1,24.08N,122.54E,h41km,29km,mb3.8/21, mb1 3.9/21, mb1mx3.8/4.8, mbtmp4,0/21,ML2.6/1,MS3.5/21, Ms1 3.5/21, ms1mx3.3/4.0, Error ellipse: s-maj=17.7km s-min=12.0km az=66.0

ISC 29 10:15:08.0,1.0,23.92N,0.02,122.52E,0.02,h28km,7km,n228,e19,24/282,mb4,2/35,MS3.5/20,1C,Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HWA Hwalien, ENLB Shefteng, TWD Chiawan, NANS Nanao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TYC, TWS1 Kuangyinshan, WHYT Kim Township, etc.

29d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Location. Includes stations like WYUC, MATB, PTMZ, XPSS, QZH, KNM, KNMB, AXDP, ZPLA, JOW, JOW, WJWH, TGJ, JNU, KSRS, DAV, KMI, KMI, KMI, MJB9, HHC, CN2, CN2, CN2, CN2, CN2, CN2, LZH, LZH, LZH, LZH, USRK, CMAR, GUMO, GTA, GTA, GTA, YKRA, YKRA, YKRA, ASAJ, KLR, SONA, SONM, SONM, SONM, SONM, KAPI, TLY, WMQ, WMQ, WMQ, WMQ, MTN, MTN, MK31, MK32, MKAR, MKAR, MKAR, PETK, PETK, MAZK, MAZK, KNRA, KNRA, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZAA1, KDJ, KDJ, FITZ, FITZ, KSH, KSH, KSH.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Location. Includes stations like KSH, KSH, KSH, KSH, NRRN, NRRN, KURK, KURB, KURBB, AAK, AAK, WRAB, WRA, BTK, BTK, GAR, GAR, AS31, ASAR, BVAO, BVAO, BVAO, NRK, NRK, ABKAR, ABKAR, GEYT, GEYT, GYAT, GYAT, STKA, STKA, STKA, NEA, NEA, BMAR, SCM, ARAO, ARCES, ARCES, GLB, GLB, FIAO, FIAO, FINE, FINE, FINE, AKASG, AKASG, BR101, BRTR, BRTR, NB200, NOA, NOA, BSWZ, YKA, YKRA, YKRA, YKRA, NV01, NVAR, NVAR, GCG, GCG, SNET, SNET, Code, Station Name, A-Z, Phase ID, Time, Res, ISC, h, m, s, ISC.

1538

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Location. Includes stations like MAW, MAW, ILAR, ILAR, CMAR, CMAR, MKAR, MKAR, AKASE, AKASE, BRTR, BRTR, GERES, GERES, IDC, IDC, JMA, JMA, Code, Station Name, A-Z, Phase ID, Time, Res, ISC, h, m, s, ISC.

1539

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like WFSB Wu-fen Shan, CHKT Chengkung, TWA Mucha, TATO Taipei, etc.

2013 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like TPUB Ta-pu, CHN4 Tsauhan, WTP Ta-pu, etc.

29d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like EOS1 Ninganchiao, ENLB Shoufeng, HWA Hwallien, etc.

Technical notes and formulas including:
IDC 29 10:28:24.8:1.0,23:81N:121:91E,h0km,mb3.8/9,
mb1 3.9/10,mb1mx3.6/47,mbtmp3.8/10,ML3.8/1,MS3.0/3,
Ms1 3.0/3,ms1mx2.6/40,Error ellipse: s-maj=68.3km
s-min=15.8km az=66.0
NEIC 29 10:28:26.8:2.0,23:89N:102:122:52E:0:05,h15km,7km,
mb4.0/4
ISCJB 29 10:28:27.9:0.3,23:90N:102:122:55E:0:01,h22km,2km,
mb3.5/9,Error ellipse: s-maj=2.7km s-min=1.9km
JMA 29 10:28:27.8:0.2,23:93N:122:52E,h20km,4km,M3.3
TAP 29 10:28:28.0,23:95N:122:55E,h27km,ML4.0,D
ISC 29 10:28:26.4:1.1,23:90N:102:122:51E:0:02,h10km,7km,
n167,0886/236,mb3.9/11,Taiwan region

Table with columns: WHYT, Xinyi Township, 1.53 263 eP, Pg, 10 28 55.6 -0.1, etc. Lists various stations and their coordinates.

Table with columns: WDG, baz=256, eS, Sn, 10 29 42.9 +0.6, etc. Lists various stations and their coordinates.

Table with columns: CMAR, comp=Z, 6.6nm, 18.2s, baz=31.0, slow=36, LR, LR, 11 05 47.8, etc. Lists various stations and their coordinates.

1541

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Curarehue, Paso Flores, Curarehue, Paso Flores, etc.

IDC 29 11:27:38.5-1.3, 16:17Sx172.22W, h0km, mb3.7/4, mb 1.4/1.5, ms1mx2.7/3.9, mbtimp3.9/5, ML3.1/1.1, MS2.8/1.1, Ms1.2/0.1, ms1mx2.5/3.0, Error ellipse: s-maj=5.44km s-min=1.8km az=25.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAR Rarotonga, RAR Rarotonga, etc.

DJA 29 11:29:28.0-1.4, 2'S, 125E, h1km, mb3.1/1km, M0/0.8, mb4.2/3, mb4.7/1, MLV3.9/8, Mw(mb)3.9/1, Southern Molluca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANI Sanana, SANI Sanana, etc.

2013 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARG Arkhangelos, ARG Arkhangelos, etc.

ISCJB 29 11:49:56.9-0.7, 40:67N, 0:04:27:58E, h2km, 8km, Error ellipse: s-maj=7.4km s-min=4.9km az=15.0

ISC 29 11:49:56.9-0.7, 40:67N, 0:04:27:58E, h2km, 8km, Error ellipse: s-maj=7.4km s-min=4.9km az=15.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, ZKR Zakros, etc.

ISCJB 29 11:49:56.9-0.7, 40:67N, 0:04:27:58E, h2km, 8km, Error ellipse: s-maj=7.4km s-min=4.9km az=15.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, ZKR Zakros, etc.

29d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTKS Kestanelik-??a, CTKS Kestanelik-??a, etc.

ISCJB 29 12:09:16.0-0.3, 35:68S, 0:02:71:12W, h0km, 2km, mb4.3/1.7, Error ellipse: s-maj=4.8km s-min=3.5km az=21.0

IDC 29 12:09:17.7-0.6, 35:62S, 0:02:71:02W, h99km, 4km, mb4.2/1.7, mb 1.4/2.23, mb1mx4.1/3.3, mbtimp4.5/2.3, MS3.0/5, Ms1.3/0.5, ms1mx2.9/2.3, Error ellipse: s-maj=15.6km s-min=9.8km az=94.0

GUC 29 12:09:17.5-0.7, 35:64S, 0:71:34W, h104km, 3km, ML4.8 NEIC 29 12:09:17.3-1.5, 35:60S, 0:05:71:12W, h0.09, h95km, 3km VAO 29 12:09:17.3-1.6, 35:66S, 0:71:17W, h102km, 5km, mb4.6

ISC 29 12:09:17.3-0.4, 35:65S, 0:03:71:22W, h0.05, h97km, 3km, h99km: pP, n414, o098/401, mb4.6/67, 4C-3D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GO05 Huala, GO05 Huala, etc.

ISCJB 29 12:09:16.0-0.3, 35:68S, 0:02:71:12W, h0km, 2km, mb4.3/1.7, Error ellipse: s-maj=4.8km s-min=3.5km az=21.0

IDC 29 12:09:17.7-0.6, 35:62S, 0:02:71:02W, h99km, 4km, mb4.2/1.7, mb 1.4/2.23, mb1mx4.1/3.3, mbtimp4.5/2.3, MS3.0/5, Ms1.3/0.5, ms1mx2.9/2.3, Error ellipse: s-maj=15.6km s-min=9.8km az=94.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NNA Nana, NNA Nana, etc.



Table with columns: Call Sign, Location, Frequency, Power, SNR, and other technical details. Includes stations like BDFB Brasilia, BDFB Brazil, BDFB Sao Joao De, etc.

Table with columns: Call Sign, Location, Frequency, Power, SNR, and other technical details. Includes stations like TXAR Lajitas Array, TXAR Lajitas, W51A Cleveland, etc.

Table with columns: Call Sign, Location, Frequency, Power, SNR, and other technical details. Includes stations like P54A Burton, P51A Williamsport, P52A Corning, etc.

1543

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ISCO Idaho Springs, PV14 Lion Creek, E60A Stee Agathe de, HEC Hecro Ludlow, BFSC Mount Baldy Ra, TUQ Turquoise Moun, ECSD EROS Data Cent, ECSD EROS Data Cent, D58A Chemin du LacG, GSC Goldstone, Bar, D53A Lac Vacive, Po, N23A Red Feather La, SHPR Sheep Range, EDW2 Edwards Air Fo, O20A White River Ci, LRMCO Laurel Mtn Rad, MPMC Manual Prospec, FURC Furnace Creek, TPNV Topopah Spring, ISA Isabella, Lake, PKM Mcpherson Peak, DAC Darwin (Calif), CWC Cottonwood Cre, YES Vestal, Richgr, SMMC Simmler, TORD Torodi Ar. Bea, TORD Torodi Ar. Sit, TOA1 Troy Canyon, C, K22A Casper, K22A Casper, DUG Dugway, Tooele, RSSD Black Hills, MATO Matagamai, CHGO Chibougamau, MLAC Mammoth, Mammoe, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, NVAR Mina Array Bea, NVAR Mina Array Bea, RYN Ryan, KVN Kaiserville, ELK Elko, WAKR Walker, AGMN Agassiz Nation, RLMT Red Lodge, LAO LASA Array, ORV Oroville, ULM Lac du Bonnet, DGMT Dagmar, DGMT Dagmar, VYHS Vyhne, ASAR Alice Springs, TOLK Toolik Lake Re, TOLK Toolik Lake Re, IMAR Indian Mounal, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, PEA1 Petropavlovsk, PETK Petropavlovsk, NRIK Norilsk, CHGR Chuyangaron, GAR Garm, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, YAK Yakutsk, AAK Ala-Archa, KSH Kashi, ZAA1 Zalesovo Array, ZALV Zalesovo Beam, MK32 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KSAR Wonju Array Be, SONAO Songino Array, SONM Songino Array, CD2 Chengdu, LZH Lanzhou, LZH Lanzhou.

2013 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, EOST EOST, IRIF Iririmo-Funau, TWC Suao, TWC Suao, HATJ Hateruma jima, NANS Nanau, ENA Nanau, ENA Nanau, TWB1 Santiao Chiao, ILA ilan, JKRS Kuro-shima, JKRS Kuro-shima, TIPB Shuangxi, TIPB Shuangxi, TWE Neicheng, TWE Neicheng, TWE Neicheng, NACB Ninganchiao, NACB Ninganchiao, TWD Chiawan, TWD Chiawan, SLBB Yuanshan, HWA Hwalien, ENTT Nioudou, ENTT Nioudou, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, ENLB Shoufeng, ENLB Shoufeng, ENLB Shoufeng, JIJ Ishigaki jima, JIJ Ishigaki jima, NDT Datong Townshi, NDT Datong Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, NWLT Wuai, NWLT Wuai, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, TATO Taipei, TATO Taipei, ESL Shiin, ESL Shiin, ESL Shiin, JISG Ishigakijimahi, JISG Ishigakijimahi, YM01 YM01, YM01 YM01, YM04 YM04, YM04 YM04, WHF Hehuan Shan, WHF Hehuan Shan, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, TWS1 Kuangyinshan, TWS1 Kuangyinshan, TWS1 Kuangyinshan, TDCB Tech, TDCB Tech, TDCB Tech, CHGB Renai, CHGB Renai, CHGB Renai, HGSD Ruisui, HGSD Ruisui, HGSD Ruisui, EHY Hungye, EHY Hungye, EHY Hungye, VVDT VVDT, VVDT VVDT, VVDT VVDT, LIOB Emel, LIOB Emel, LIOB Emel, YULB Yu-I, YULB Yu-I, YULB Yu-I, NNST Nanjuang, NNST Nanjuang, NNST Nanjuang.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TWF1 Yuli, TWF1 Yuli, TWF1 Yuli, JTJ Tarama, JTJ Tarama, DPDB Guoxing, DPDB Guoxing, DPDB Guoxing, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Liyutan, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Xinyi Township, WJS Zhushan, WJS Zhushan, WJS Zhushan, WJS Zhushan, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, ALS Alishan, ALS Alishan, ALS Alishan, ALS Alishan, CHNS Tsaling, CHNS Tsaling, CHNS Tsaling, CHNS Tsaling, CHNS Tsaling, WKG Gukung, WKG Gukung, WKG Gukung, WKG Gukung, WDLH Douliu, WDLH Douliu, WDLH Douliu, WDLH Douliu, WDLH Douliu, JIRB Irabujima, JIRB Irabujima, JIRB Irabujima, JIRB Irabujima, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, TWG Pinlang, TWG Pinlang, TWG Pinlang, TWG Pinlang, STYT Tsauan, STYT Tsauan, STYT Tsauan, STYT Tsauan, STYT Tsauan, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, CHN4 Tsushan, CHN4 Tsushan, CHN4 Tsushan, CHN4 Tsushan, CHN4 Tsushan, JIKM Ikemajima, JIKM Ikemajima, JIKM Ikemajima, JIKM Ikemajima, CHN2 Nanshu, CHN2 Nanshu, CHN2 Nanshu, CHN2 Nanshu, CHN2 Nanshu, CHN2 Nanshu, JMJ Miyako jima 2, JMJ Miyako jima 2, JMJ Miyako jima 2, JMJ Miyako jima 2, JMJ Miyako jima 2, RLNB Erlin, RLNB Erlin, RLNB Erlin, RLNB Erlin, RLNB Erlin, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, JMJ2 Miyako jima3, JMJ2 Miyako jima3, JMJ2 Miyako jima3, JMJ2 Miyako jima3, WTCT Ta-ch'eng, WTCT Ta-ch'eng, WTCT Ta-ch'eng, WTCT Ta-ch'eng, WTCT Ta-ch'eng, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, JOGS Gusukube, TWK Hsiungyi, TWK Hsiungyi, TWK Hsiungyi, TWK Hsiungyi, TWK Hsiungyi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, SLGT Nanshi, SLGT Nanshi, SLGT Nanshi, SLGT Nanshi, SLGT Nanshi, SLGT Nanshi, SGST Jianshan, SGST Jianshan, SGST Jianshan, SGST Jianshan, SGST Jianshan, SNST Tainan City, SNST Tainan City, SNST Tainan City, SNST Tainan City, SNST Tainan City, ECL Taimali, ECL Taimali, ECL Taimali, ECL Taimali, ECL Taimali, SSD Sandimen, SSD Sandimen, SSD Sandimen, SSD Sandimen, SSD Sandimen, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, TWM1 Shoushan, TWM1 Shoushan, TWM1 Shoushan, TWM1 Shoushan, TWM1 Shoushan, TWM1 Shoushan, SCZT Fanguang, SCZT Fanguang, SCZT Fanguang, SCZT Fanguang, SCZT Fanguang, SCZT Fanguang, VVUC VVUC, VVUC VVUC, VVUC VVUC, VVUC VVUC, VVUC VVUC, PTMZ Houxiangcun, PTMZ Houxiangcun, PTMZ Houxiangcun, PTMZ Houxiangcun, PTMZ Houxiangcun, PTMZ Houxiangcun, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, KSR5 Korea Array, KSR5 Korea Array, KSR5 Korea Array, KSR5 Korea Array, KSR5 Korea Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SIJ Sorong, SIJ Sorong, SIJ Sorong, SIJ Sorong, SIJ Sorong, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

29d 12h

MEX 29 12:19:56.2+0.4, 15.04N:93.05W, h81km, 4km, MD3.6, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PCIG Comitan, CCIG Comitan, TGIG Comitan, TGIG Comitan.

29d 13h

CNRM 29 12:50:01.5, 36°36'N-7°80'W, h20km, m1.3
IGIL 29 12:50:05.5, 36°51'N-7°66'W, h17km, ML1.7
INMG 29 12:50:05.8-2.3, 36°53'N-7°60'W, h18km, gkm, ML1.9, Error ellipse: s-maj=5.5km s-min=3.8km az=44.0
MDD 29 12:50:06.2-0.9, 36°53'N-7°59'W, h30km, mbL2, g3/16, Error ellipse: s-maj=10.4km s-min=5.7km az=14.0, PRXIMO
ISC 29 12:50:03.8-1.4, 36°47'N-0°03'7.57W, h0°03, h34km, 3km, n49, r161/94, 2D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, Res, ISC, h m s, and Res. Lists various seismic stations and their characteristics.

2013 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, Res, ISC, h m s, and Res. Lists seismic stations for the 2013 SEP period.

1544

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, Res, ISC, h m s, and Res. Lists seismic stations for the 1544 period.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ANAF Anafi Island, PAIG Paliouri, SAINT Santorini, etc.

Code Station Name Az Az2 Phase ID Time Res. Includes station WRA Warramunga Arr, ASAR Alice Springs, etc.

NIED 29 13:31:00, 46.80N; 153.40E, h130km, Mw5.2 Best double couple: M6.810000e1016 NP1.3222.000000, etc.

ISC/JB 29 13:31:33.1±0.3, 48.13N±0.02; 152.59E±0.02, h143km±2km, mb5.4/265, Error ellipse: s-maj=2.9km, etc.

SKHL 29 13:31:33.1±0.8, 47.87N±153.18E, h136km±4km, mb5.7/4, ms5.8/4

MOS 29 13:31:34.1±0.9, 48.16N±152.61E, h154km, mb5.5/114, Error ellipse: s-maj=4.7km s-min=3.4km az=92.0

NEIC 29 13:31:35.6±1.3, 48.17N±152.6E±0.1, h153km±3km, mb5.2/552

GCMT 29 13:31:36.5±0.1, 48.09N±0.01; 152.91E±0.01, h144km, Mw5.3/142, Moment Tensor Solution. s106.c169; s142.c250; Duration: 1.11 Moment tensor: Scale 1017Nm; Mr=0.35; 0.2; Mw=0.12; 0.2; Mo=0.4; 0.1; M=0.08; 0.2; Mb=0.87; 0.1; Best double couple: Mo1.050000e1017 NP1.3222.000000, etc.

JMA 29 13:31:36.4±0.4, 47.77N±153.40E, h180km, M5.0, ISC 29 13:31:35.0±0.3, 48.10N±0.03; 152.70E±0.03, h149km±2km, h149km±ppP, n1863, c114/2033, mb5.3/490, 7TC-138D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril'sk, SKR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KUR comp=E,846nm,0.5s, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JAK Soyaes, JSE Maruseppu, JAR Ashoroboto, etc.

Table of flight data for routes from YAK to various destinations like CN2, ADK, GSTR, etc. Columns include route, departure time, status, and arrival time.

Table of flight data for routes from TLY to various destinations like BTO, TLY, TLY, etc. Columns include route, departure time, status, and arrival time.

Table of flight data for routes from TPUB to various destinations like Denali Highway, Pinning Lake, etc. Columns include route, departure time, status, and arrival time.



29d 13h

Table with columns: KEV, comp-Z, 103nm, 0.9s, Kevo, 55.98 340, P, P, 13 40 55.7 -1.4, etc.

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Table with columns: SUMG Summit, 59.38 4, P, P, 13 41 21.2 0.0, etc.

1548

Table with columns: FINES FINESS Array B, 62.70 334, P, P, 13 41 41.8 -1.5, etc.

Table with columns for station call letters, frequency, signal strength (S/N), and other parameters. It lists various radio stations such as LPSR, SRBI, MWC, GSC, BKN, etc., along with their respective frequencies and signal quality indicators.



Main table containing flight schedules with columns for airline, flight number, destination, departure time, arrival time, status, and other details.

Table with columns for call letters, frequency, mode, power, and other parameters. Includes entries like LOT 76.67 326, P43A Skaggs, Pawnee, ASUD AI Ashush, Dub, etc.

Table with columns for call letters, frequency, mode, power, and other parameters. Includes entries like B5T1 Sart Tilman, ORIO Orleans, Innes, ORIO Orleans, Innes, MHTO MHTO, etc.

Table with columns for call letters, frequency, mode, power, and other parameters. Includes entries like ERPA Erie, N51A Ashland, G59A Clarenceville, L53A Girard, W41B Gary Mavity, V, etc.

29d 13h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P51A Williamsport, O52A Adamsville, O52A Adamsville, F64A Sherman, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BRY Bratogost, OXF Oxford, OXF Oxford, OXF Oxford, etc.

1552

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like S54A Dingess, BBOO Buckleboob, BBOO Buckleboob, SWET Swannee, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like W54A Cherokee Point, T508 Grand View Acr, PAOL Paolisi, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LPAZ Boshof, BOSA Boshof, PB11 IROC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JYNG Yonagunijimaku, YJNG Yonaguni jima, etc.







Table with columns for station name, coordinates, and status. Includes stations like LPEL, PAOL, RN12, MASS, VAGA, CDRU, CRAC, SLCN, CGLI, DBRK, MCEL, TAR1, MTSN, ZIRJ, and VCEL.

Table with columns for station name, coordinates, and status. Includes stations like VCEL, SIRI, MORI, CUC, TERO, KLVJ, LNSS, NRCA, FDMO, NVLJ, COR1, SSFR, FRON, CRE, and KRN.

Table with columns for station name, coordinates, and status. Includes stations like ARSB, ARK, BTK, AML, ARLS, MRKS, IUG, EKS2, UCH, KZ, BRLS, TKM2, DGS, NRCA, FDMO, NVLJ, COR1, SSFR, FRON, CRE, KRN, and CHMS.

Text block containing various station coordinates and error ellipse information. Includes details for NNC 29, BUJ 29, IDC 29, ISCJB 29, MOS 29, NEIC 29, and ISC 29.



29d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Osenpovka, Thame Wali, Boomkoys usch, etc.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like Zalesovo Beam, Zalesovo Array, Groznyy, etc.

1558

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, CMAR, Muntele Ros, etc.

ISC 29 16:25:02.8, 2.0, 23.52S, 179.80W, h502km, 21km, mb3.8/15, mb1.4/0.16, mb1mx3.7/4.4, mbtmp4.7/16, Error ellipse: s-maj=15.6km s-min=12.9km az=64.0

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like RAOU, NIUE, MARE, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like ASAR, ALICE, WARRAMUNGA, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like ERTA, HORTA, CGAR, etc.

29d 17h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2013 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

1560

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like SNAEA Sanae, PMG Port Moresby, PSI Prapat, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like WMQ comp=Z,370nm,24.3s, AAK Ala-Archa, SONGM Songino Array, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like ULM Lac du Bonnet, SJA 29 17:48:30.9, etc.

Table with columns for station code, name, coordinates, and various parameters. Includes stations like TUDR Tuvalu, GIUM Giurgiuilesti, etc.

Table with multiple columns containing station names, coordinates, and various data points. The table is organized into two main vertical sections, each with its own set of columns. The left section lists stations like TIRG, TIRGUSOR, and Muntele Rosu, while the right section lists stations like COPA, COPACEANCA, and VITOSH. Each row contains a station name, a coordinate pair, and several numerical values and codes.

Table with columns: EKA, Station Name, Time, Res, and various codes. Includes stations like Eszkdalemir Ar, Abkual array, and others.

IDC 29 18:10:40.2-0.4, 17.18S:174.75W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/28, mbtmp4.1/5, Error ellipse: s-maj=166.3km s-min=34.0km az=140.0

ISCJB 29 18:11:07.0-0.0, 17.34S:0108.175:00W:0.07, h256km, mb3.5/5, Error ellipse: s-maj=12.2km s-min=7.8km az=140.0

NEIC 29 18:11:07.2-0.4, 17.32S:0107.175:04W:0.10, h245km, 9km, mb4.4/15

ISC 29 18:11:08.1-0.6, 17.26S:0109.175:01W:0.09, h256km, n30, c1537/32, mb4.0/13, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Afimalu, Niue, and others.

IDC 29 18:31:15.7-1.1, 38.36N:70.39E, h0km, mb3.8/9, mb1 3.9/17, mb1mx3.7/58, mbtmp3.8/17, ML3.1/7, Error ellipse: s-maj=20.6km s-min=11.9km az=146.0

ISCJB 29 18:31:19.2-0.4, 38.70N:0104.69:80E:0.04, h10km, mb3.9/8, Error ellipse: s-maj=5.2km s-min=4.0km az=158.9

NNC 29 18:31:20.9-1.1, 38.72N:69.83E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=10.3km s-min=6.1km az=162.0

ISC 29 18:31:22.1-0.7, 38.76N:006.69:77E:0.05, h10km, n46, c241/52, mb3.9/8, 17C-3J, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Iuzhnyay, Karatay Array, and others.

Table with columns: MRKS, Station Name, Time, Res, and various codes. Includes stations like Karakey, Uchtor, and others.

MEX 29 18:40:23.0-0.4, 19.62N:95.97W, h15km, MD3.8, Veracruz

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like LVIG, Popocatepetl, and others.

TAP 29 18:43:56.9, 24.26N:121.71E, h10km, ML1.2, D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like ENA, NANB, and others.

Table with columns: NWLT, Station Name, Time, Res, and various codes. Includes stations like Wulai.

IDC 29 18:44:36.6, 6.3171S:176.91W, h0km, mb3.3/2, mb1 3.5/2, mb1mx3.4/23, mbtmp3.3/2, Error ellipse: s-maj=307.6km s-min=54.3km az=158.0, Kermadec Islands region

JMA 29 18:44:39.5-0.2, 24.87N:123.17E, h17km, M1.4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like YOJ, YJNG, and others.

IDC 29 19:07:09.2-1.3, 22.08S:173.70W, h0km, mb4.0/7, mb1 4.3/8, mb1mx4.0/36, mbtmp4.0/8, ML3.5/6, Ms1 3.5/6, ms1mx3.3/36, Error ellipse: s-maj=76.0km s-min=19.9km az=155.0

ISCJB 29 19:07:12.0-0.5, 22.1S:0173.63W:0.08, h33km, mb4.0/9, MS3.7/4, Error ellipse: s-maj=21.4km s-min=9.3km az=160.7

NEIC 29 19:07:13.9-3.0, 22.1S:0173.72W:0.09, h32km, 5km, mb4.2/8

ISC 29 19:07:13.6-0.6, 22.2S:0173.53W:0.08, h35km, n38, c154/32, mb4.1/12, MS4.0/4, 1C, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like NIUE, RAR, and others.

ISCJB 29 19:08:26.8-0.3, 24.77N:0122.19E:0.02, h96km, 3km, Error ellipse: s-maj=3.9km s-min=2.4km az=174.1

JMA 29 19:08:27.0-0.3, 24.77N:122.7E, h94km, 3km, M2.8

TAP 29 19:08:27.3, 24.76N:122.19E, h92km, ML3.5, C

ISC 29 19:08:27.1-1.3, 24.77N:0122.19E:0.02, h95km, 6km, n98, c090/161, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like EOS1, TWB1, and others.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ENA, ENTT, NWLT, NDT, TAP, YMO1, YMO11, YMO8, YMO10, ANP, TWY, YHNB, NSK, YJNG, YJNS, TWS1, NTST, NACB, NNSB, NNS, YOJ, YOJ, YOJ, ETLH, WLTB, WLTB, TWD, TWD, NCU, NCU, NCUH, NCUH, HWA, HWA, ENLB, ENLB, WHF, WHF, TDCB, TDCB, LIOB, LIOB, NSTT, NSTT, SBCB, SBCB, HSN, HSN, CHGB, CHGB, ESL, ESL, WHP, WHP, NMLH, NMLH, EGFH, EGFH, NSY, NSY, TWQ1, TWQ1, DPDB, DPDB, VVDT, VVDT, WDJ, WDJ, WDJ, WDJ, IRIF, IRIF, TYC, TYC, SSSL, SSSL, SSSL, SSSL, TCU, TCU.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like YULB, WHYT, WHYT, TWFI, WJWS, WJWS, WNT, WCHH, HATJ, HATJ, YUS, JKRS, JKRS, CHNS, CHKT, CHKT, JJJ, JJJ, WKG, WKG, ELDTW, ELDTW, JISG, JISG, CHN4, CHN4, TPUB, TPUB, STYT, STYT, WTP, WTP, WTP, WTP, WSF, WSF, WLG, WLG, SNST, SNST, CHN1, CHN1, CHN1, TWGBT, TWGBT, TWG, TWG, SGST, SGST, JTJ, JTJ, PTTC, PTTC, MATB, MATB, SSD, SSD, VVUC, VVUC, VVUC, MASBT, MASBT, PNG, PNG, PHUB, PHUB, JIRB, JIRB, JIKM, JIKM, PTMZ, PTMZ, LYJJ, LYJJ, JM2J, JM2J, JOGS, JOGS, KNMB, KNMB, AXDP, AXDP, AXDP, AXDP, Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ZIIG, VHO, VHO, CMIG, CMIG, CMIG, APG, APG, APG, TEIG, TEIG, HO6E1, TXAR, TXAR, ANMO, NVAR, PDAR, ILAR, WRA, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWP, TWP, WLCH, WLCH, HEN, HEN, SCZT, SCZT, SCZT, TWK1, TWK1, TWK1, TWKB, TWKB, KAU, KAU, TSEB, TSEB, TSEB, EAST, EAST, MASBT, MASBT, MASBT, SGLT, SGLT, SGLT, SNJT, SNJT, SSD, SSD, TWM1, TWM1, TWM1, ECL, ECL, ECL, SLGT, SLGT, SLGT, TAI1, TAI1, TAI1, CHN3, CHN3, TWG, TWG, TWG, TWG, TTN, TTN, TWGB, TWGB, TWGB, SGST, SGST, SCLT, SCLT, SCLT, LAY, LAY, LAY, CHN1, CHN1, SNST, SNST, SNST, TWK, TWK, WTP, WTP, TPUB, TPUB, TPUB, TPUB.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like TPUB, CHNB, CHNB, ELDTW, CHN4, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like LIOB, ENA, NANB, NANTB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like H11S1, H11S2, WRAB, etc.



29d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KKAR Karatay Array, MK31 Makanchi Array, MK32 Makanchi Array, etc.

29d 19:55:38.7, 1.2, 28.33N:143.52E, h0km, mb3.6/6, mb1 3.7/8, mb1mx3.5/5.3, mbtmp3.6/8, ML3.0/2, MS3.2/2, Ms1 3.2/2, ms1mx2.5/4.3, Error ellipse: s-maj=35.3km s-min=18.6km az=88.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CBIJ Chichi jima, PMG Port Moresby, MJAR Matsushiro Arr, etc.

29d 20:14:05:57.4, 6.29S:146.88E, h134km, mb2.3/1, mb1 2.7/3, mb1mx2.6/3.5, mbtmp3.0/3, Error ellipse: s-maj=98.1km s-min=59.2km az=121.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like MSL Makanchi Array, AKDM Akdamar-Van, BLIS Bitlis-Merkez, etc.

29d 20:17:27.0, 1.0, 10.21N:126.51E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/4.1, mbtmp3.9/6, MS3.2/5, Ms1 3.2/5, ms1mx2.9/4.1, Error ellipse: s-maj=66.5km s-min=21.1km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BUTP Butuan, MSLP Maasin, BESP Borongan, etc.

29d 20:17:31.7, 2.5, 10.22N:126.52E, h29km, mb3.7/6, MS3.1/3, Error ellipse: s-maj=4.8km s-min=4.2km az=171.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like FITZ Fitzroy Crossi, PMG Port Moresby, MJAR Matsushiro Arr, etc.

29d 20:25:31.0, 0.0, 57.96N:59.89E, h0km, ML2.5/7, NNC 29:20:25:40.2, 4.1, 57.48N:60.39E, h14km, mb2.1km, mb3.5, ms1mx2.2, Error ellipse: s-maj=32.3km s-min=13.1km az=150.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PR3R Kungur, KAUAR Kamensk Uralisk, ARU Arti, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BRVK 1.5nm, 0.6s, AKTO 1.7nm, 0.6s, AKTO 1.1nm, 0.5s, etc.

29d 21:14:05:84.8, 22.08S:70.40W, h0km, mb3.9/3, mb1 3.9/4, mb1mx3.7/24, mbtmp3.9/4, ML3.7/1, Error ellipse: s-maj=101.3km s-min=59.8km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, etc.

29d 21:14:28.9, 0.0, 20.75S:0.02, 69.35W, h0.08, h128km, 4km, mb3.7/2, Error ellipse: s-maj=12.6km s-min=3.5km az=2.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like G001 Chumzisa, G001 Chumzisa, G001 Chumzisa, etc.

29d 21:15:05:8, 0.0, 40.40N:0.71E, h2km, 1km, mbLg3.2/39, Error ellipse: s-maj=1.1km s-min=1.0km az=139.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like STR 29:21:14:56.3, 1.0, 40.0N:7.7E, h0km, ML4.0/7, MDD 29:21:15:05:8, 0.0, 40.40N:0.71E, h2km, 1km, mbLg3.2/39, etc.

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Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, UCM, 69nm,0.4s, UCM, Universidad Co, 3.05 270, P, S, Pn, 21 15 54.2 +1.6, 21 15 29.9 +0.5, 21 15 54.1 +1.5, 21 16 03.5 +1.2, 21 16 38.1 +1.2, 21 15 56.0 +2.6, 21 16 02.8 -0.6, 21 16 44.0 +0.4, 21 15 55.7 +1.6, 21 16 05.2 +0.8, 21 16 48.1 +2.8, 21 15 55.6 +1.6, 21 16 05.7 +1.6, 21 15 58.9 +2.3, 21 15 58.0 -2.3, 21 15 58.4 +2.3, 21 16 36.3 +0.8, 21 17 01.0, 21 15 59.6 +2.0, 21 16 44.2 -2.2, 21 16 02.0 +0.7, 21 16 44.2 -0.8, 21 16 44.0 +1.8, 21 16 48.8 +0.1, 21 17 06.0, 21 16 05.9 +1.2, 21 17 05.9, 21 16 05.6 +0.8, 21 16 51.3 -1.6, 21 17 17.0, 21 17 22.0, 21 16 12.6 +2.0, 21 17 26.6 +2.8, 21 17 37.0, 21 16 15.0 +1.7, 21 17 15.1 +0.6, 21 17 30.2 -0.1, 21 16 16.1 +1.5, 21 17 34.4 +1.3, 21 17 40.0, 21 16 20.1 +1.3, 21 17 43.4 +0.4, 21 17 48.0, 21 16 38.6 -2.6, 21 17 51.1 +4.1, 21 16 24.7 +2.3, 21 17 19.7 -3.2, 21 17 56.0, 21 18 00.0, 21 16 23.2 -0.4, 21 17 32.5 -1.6, 21 17 56.0, 21 16 28.3 +3.0, 21 17 27.5 -0.5, 21 16 31.8 +0.9, 21 17 36.2 -1.8, 21 18 18.8, 21 18 15.0, 21 16 33.6 +1.6, 21 17 38.8 -1.2, 21 18 27.0, 21 16 33.7 +1.2, 21 17 39.2 -1.8, 21 18 19.5, 21 16 33.7 +0.5, 21 18 16.4 -0.2, 21 16 35.7 +1.5, 21 17 42.9 -1.1, 21 18 30.0, 21 16 37.5 +0.9, 21 16 38.3 +0.7, 21 17 46.4 -3.8, 21 18 28.0, 21 16 39.2 +1.1, 21 17 05.3 -0.4, 21 18 27.9 -0.2, 21 16 41.4 +0.3, 21 17 51.8 -4.5, 21 16 46.1 +4.8, 21 18 07.3 +1.1, 21 18 39.0, 21 16 38.9 -2.6, 21 18 00.1 +3.0, 21 16 44.7 +2.6, 21 18 37.4 -4.0, 21 17 54.4 +1.0, 21 16 43.8 +1.3, 21 18 38.8 +0.4, 21 16 47.9 +4.2, 21 16 46.2 +2.5, 21 18 40.1 -0.9, 21 18 51.4, 21 16 47.1 +0.6, 21 18 46.9 -0.8, 21 18 53.0, 21 16 48.2 +0.9, 21 18 54.7, 21 18 06.6 -2.1, 21 18 55.5, 21 18 45.0 -6.3, 21 19 01.5, 21 16 51.4 +1.2, 21 18 56.2 -0.2, 21 18 54.6 -3.0, 21 19 14.1, 21 19 10.0, 21 18 17.8 -2.3, 21 19 17.4, 21 17 02.3 +1.2, 21 18 28.4 -3.9, 21 17 03.1 +1.3, 21 17 04.8 +1.2, 21 17 04.5 -0.7, 21 17 07.5 +1.1, 21 18 36.9 -5.6, 21 15 50.7 +2.5, 21 15 50.3 +2.1, 21 16 21.5 +0.1, 21 15 49.1 +0.8, 21 16 22.2 +0.4, 21 15 52.3 -1.7, 21 15 49.1 -2.0, 21 15 53.2 +2.5, 21 16 37.1 -0.4, 21 15 53.1 +2.4, 21 16 46.0, 21 15 53.1 +1.8, 21 16 47.0, 21 15 53.7 +2.4, 21 15 53.2 +1.8, 21 16 49.0, 21 15 52.6 +1.2, 21 15 53.9 +2.3, 21 16 50.0

2013 SEP

Table with columns: UCM, 69nm,0.4s, UCM, Universidad Co, 3.05 270, P, S, Pn, 21 15 54.2 +1.6, 21 15 29.9 +0.5, 21 15 54.1 +1.5, 21 16 03.5 +1.2, 21 16 38.1 +1.2, 21 15 56.0 +2.6, 21 16 02.8 -0.6, 21 16 44.0 +0.4, 21 15 55.7 +1.6, 21 16 05.2 +0.8, 21 16 48.1 +2.8, 21 15 55.6 +1.6, 21 16 05.7 +1.6, 21 15 58.9 +2.3, 21 15 58.0 -2.3, 21 15 58.4 +2.3, 21 16 36.3 +0.8, 21 17 01.0, 21 15 59.6 +2.0, 21 16 44.2 -2.2, 21 16 02.0 +0.7, 21 16 44.2 -0.8, 21 16 44.0 +1.8, 21 16 48.8 +0.1, 21 17 06.0, 21 16 05.9 +1.2, 21 17 05.9, 21 16 05.6 +0.8, 21 16 51.3 -1.6, 21 17 17.0, 21 17 22.0, 21 16 12.6 +2.0, 21 17 26.6 +2.8, 21 17 37.0, 21 16 15.0 +1.7, 21 17 15.1 +0.6, 21 17 30.2 -0.1, 21 16 16.1 +1.5, 21 17 34.4 +1.3, 21 17 40.0, 21 16 20.1 +1.3, 21 17 43.4 +0.4, 21 17 48.0, 21 16 38.6 -2.6, 21 17 51.1 +4.1, 21 16 24.7 +2.3, 21 17 19.7 -3.2, 21 17 56.0, 21 18 00.0, 21 16 23.2 -0.4, 21 17 32.5 -1.6, 21 17 56.0, 21 16 28.3 +3.0, 21 17 27.5 -0.5, 21 16 31.8 +0.9, 21 17 36.2 -1.8, 21 18 18.8, 21 18 15.0, 21 16 33.6 +1.6, 21 17 38.8 -1.2, 21 18 27.0, 21 16 33.7 +1.2, 21 17 39.2 -1.8, 21 18 19.5, 21 16 33.7 +0.5, 21 18 16.4 -0.2, 21 16 35.7 +1.5, 21 17 42.9 -1.1, 21 18 30.0, 21 16 37.5 +0.9, 21 16 38.3 +0.7, 21 17 46.4 -3.8, 21 18 28.0, 21 16 39.2 +1.1, 21 17 05.3 -0.4, 21 18 27.9 -0.2, 21 16 41.4 +0.3, 21 17 51.8 -4.5, 21 16 46.1 +4.8, 21 18 07.3 +1.1, 21 18 39.0, 21 16 38.9 -2.6, 21 18 00.1 +3.0, 21 16 44.7 +2.6, 21 18 37.4 -4.0, 21 17 54.4 +1.0, 21 16 43.8 +1.3, 21 18 38.8 +0.4, 21 16 47.9 +4.2, 21 16 46.2 +2.5, 21 18 40.1 -0.9, 21 18 51.4, 21 16 47.1 +0.6, 21 18 46.9 -0.8, 21 18 53.0, 21 16 48.2 +0.9, 21 18 54.7, 21 18 06.6 -2.1, 21 18 55.5, 21 18 45.0 -6.3, 21 19 01.5, 21 16 51.4 +1.2, 21 18 56.2 -0.2, 21 18 54.6 -3.0, 21 19 14.1, 21 19 10.0, 21 18 17.8 -2.3, 21 19 17.4, 21 17 02.3 +1.2, 21 18 28.4 -3.9, 21 17 03.1 +1.3, 21 17 04.8 +1.2, 21 17 04.5 -0.7, 21 17 07.5 +1.1, 21 18 36.9 -5.6, 21 15 50.7 +2.5, 21 15 50.3 +2.1, 21 16 21.5 +0.1, 21 15 49.1 +0.8, 21 16 22.2 +0.4, 21 15 52.3 -1.7, 21 15 49.1 -2.0, 21 15 53.2 +2.5, 21 16 37.1 -0.4, 21 15 53.1 +2.4, 21 16 46.0, 21 15 53.1 +1.8, 21 16 47.0, 21 15 53.7 +2.4, 21 15 53.2 +1.8, 21 16 49.0, 21 15 52.6 +1.2, 21 15 53.9 +2.3, 21 16 50.0

29d 21h

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, UCM, 69nm,0.4s, UCM, Universidad Co, 3.05 270, P, S, Pn, 21 15 54.2 +1.6, 21 15 29.9 +0.5, 21 15 54.1 +1.5, 21 16 03.5 +1.2, 21 16 38.1 +1.2, 21 15 56.0 +2.6, 21 16 02.8 -0.6, 21 16 44.0 +0.4, 21 15 55.7 +1.6, 21 16 05.2 +0.8, 21 16 48.1 +2.8, 21 15 55.6 +1.6, 21 16 05.7 +1.6, 21 15 58.9 +2.3, 21 15 58.0 -2.3, 21 15 58.4 +2.3, 21 16 36.3 +0.8, 21 17 01.0, 21 15 59.6 +2.0, 21 16 44.2 -2.2, 21 16 02.0 +0.7, 21 16 44.2 -0.8, 21 16 44.0 +1.8, 21 16 48.8 +0.1, 21 17 06.0, 21 16 05.9 +1.2, 21 17 05.9, 21 16 05.6 +0.8, 21 16 51.3 -1.6, 21 17 17.0, 21 17 22.0, 21 16 12.6 +2.0, 21 17 26.6 +2.8, 21 17 37.0, 21 16 15.0 +1.7, 21 17 15.1 +0.6, 21 17 30.2 -0.1, 21 16 16.1 +1.5, 21 17 34.4 +1.3, 21 17 40.0, 21 16 20.1 +1.3, 21 17 43.4 +0.4, 21 17 48.0, 21 16 38.6 -2.6, 21 17 51.1 +4.1, 21 16 24.7 +2.3, 21 17 19.7 -3.2, 21 17 56.0, 21 18 00.0, 21 16 23.2 -0.4, 21 17 32.5 -1.6, 21 17 56.0, 21 16 28.3 +3.0, 21 17 27.5 -0.5, 21 16 31.8 +0.9, 21 17 36.2 -1.8, 21 18 18.8, 21 18 15.0, 21 16 33.6 +1.6, 21 17 38.8 -1.2, 21 18 27.0, 21 16 33.7 +1.2, 21 17 39.2 -1.8, 21 18 19.5, 21 16 33.7 +0.5, 21 18 16.4 -0.2, 21 16 35.7 +1.5, 21 17 42.9 -1.1, 21 18 30.0, 21 16 37.5 +0.9, 21 16 38.3 +0.7, 21 17 46.4 -3.8, 21 18 28.0, 21 16 39.2 +1.1, 21 17 05.3 -0.4, 21 18 27.9 -0.2, 21 16 41.4 +0.3, 21 17 51.8 -4.5, 21 16 46.1 +4.8, 21 18 07.3 +1.1, 21 18 39.0, 21 16 38.9 -2.6, 21 18 00.1 +3.0, 21 16 44.7 +2.6, 21 18 37.4 -4.0, 21 17 54.4 +1.0, 21 16 43.8 +1.3, 21 18 38.8 +0.4, 21 16 47.9 +4.2, 21 16 46.2 +2.5, 21 18 40.1 -0.9, 21 18 51.4, 21 16 47.1 +0.6, 21 18 46.9 -0.8, 21 18 53.0, 21 16 48.2 +0.9, 21 18 54.7, 21 18 06.6 -2.1, 21 18 55.5, 21 18 45.0 -6.3, 21 19 01.5, 21 16 51.4 +1.2, 21 18 56.2 -0.2, 21 18 54.6 -3.0, 21 19 14.1, 21 19 10.0, 21 18 17.8 -2.3, 21 19 17.4, 21 17 02.3 +1.2, 21 18 28.4 -3.9, 21 17 03.1 +1.3, 21 17 04.8 +1.2, 21 17 04.5 -0.7, 21 17 07.5 +1.1, 21 18 36.9 -5.6, 21 15 50.7 +2.5, 21 15 50.3 +2.1, 21 16 21.5 +0.1, 21 15 49.1 +0.8, 21 16 22.2 +0.4, 21 15 52.3 -1.7, 21 15 49.1 -2.0, 21 15 53.2 +2.5, 21 16 37.1 -0.4, 21 15 53.1 +2.4, 21 16 46.0, 21 15 53.1 +1.8, 21 16 47.0, 21 15 53.7 +2.4, 21 15 53.2 +1.8, 21 16 49.0, 21 15 52.6 +1.2, 21 15 53.9 +2.3, 21 16 50.0

ASAR Alice Springs 47.22 256 0.6nm,0.4s,baz=95,slow=8.1,SNR=16
ASAR Warramunga Arr 47.29 261 P 0.3nm,0.4s,baz=98,slow=3.9,SNR=4.7
WRA Warramunga Arr 47.29 261 P 0.4nm,0.3s,baz=93,slow=7.9,SNR=26
MJAR Matsushiro Arr 71.29 322 P 0.3nm,0.7s,baz=96,slow=3.8,SNR=2.2
BUJ 29 21:42:36.5,0.0,46:39N:86:63E,h8km,ML3,7/10
IDC 29 21:42:37.5,0.0,46:40N:86:66E,h27km,5km,mb3,4/7,mb1,3.5/12,mb1mx3,3/60,mbtmp3,5/12,ML3,0/5,MS3,4/2,Ms1,3/4,2,ms1mx2,6/28,Error ellipse: s-maj=16.6km s-min=10.0km az=26.0
SOME 29 21:42:37.9,46:55N:86:40E,h10km
NEIC 29 21:42:39.5,2.2,46:51N:0:06:86:45E,0:08,h18km,6km,mb4,3/1
NNC 29 21:42:41.4,4.1,4.6,40N:86:22E,h22km,5km,mb4,0,mp3,8,Error ellipse: s-maj=10.4km s-min=6.1km az=97.0
ASRS 29 21:42:42.0,0.3,47:1N:2:8'E,h13km,MLH4,-1/6,smi.org.gtz-potsdam.de/geofon/LCSAT earthModelID,smi.org.gtz-potsdam.de/geofon/iasp91 confirmed
ISC 29 21:42:36.0,0.5,46:36N:0:03:86:67E,0:03,h10km,n82,c254/123,6C-11D,Northern Xinjiang

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res, UCM, 44nm,0.2s, UCM, 172nm,0.4s, ZS, 1.65 312, P, S, Pn, 21 43 07.6 +1.0, 21 43 29.2 +0.1, 21 43 07.6 +1.0, 21 43 29.2 +0.1, 21 43 24.5 +1.1, 21 43 59.8 +4.0, 21 43 24.1 +0.7, 21 43 50.2 +1.5, 21 43 24.1 -0.3, 21 43 33.0 +2.6, 21 44 08.6, 21 43 25.7 +1.3, 21 43 25.2 -3.7, 21 43 25.7 +1.4, 21 43 30.7 +0.3, 21 44 08.2, 21 43 25.7 +1.4, 21 43 57.1 -3.8, 21 43 28.4 +1.1, 21 43 36.6 +2.5, 21 44 16.1, 21 43 28.7 +1.4, 21 43 40.2 +1.5, 21 44 18.3 +4.4, 21 43 28.8 +1.4, 21 44 02.4 -3.8, 21 43 32.5 +3.4, 21 43 40.6 -0.3, 21 44 23.1 -1.7, 21 43 36.2 +3.7, 21 43 47.0 +1.4, 21 44 33.0 +0.4, 21 43 38.3 +3.4, 21 43 38.7 +1.9, 21 43 37.7 -0.8, 21 43 39.3 +3.0, 21 43 51.6 +0.6, 21 44 43.3 +1.7, 21 43 40.8 +3.3, 21 44 46.4 +2.0, 21 43 41.1 +3.3, 21 43 53.1 +0.1, 21 44 46.7 +1.7, 21 43 56.1 +1.0, 21 44 02.0 +0.8, 21 44 56.6 +0.7, 21 43 50.0 +2.2, 21 44 07.3 +0.2, 21 45 06.9 -1.7, 21 44 09.1 +1.7, 21 45 15.6, 21 44 09.1 +1.7, 21 45 15.6 +5.4, 21 44 11.4 +3.4, 21 45 19.1 +8.0, 21 44 12.6 +3.0, 21 45 20.9, 21 43 59.9 +2.5, 21 44 18.8 -0.8, 21 45 30.6 -0.7, 21 44 02.0 -2.3, 21 44 23.5 -0.3, 21 45 36.5 -0.1, 21 44 22.1 +3.2, 21 45 37.1, 21 44 22.1 +3.2, 21 45 37.1 +7.5, 21 44 22.1 +2.6, 21 45 37.5, 21 44 24.8 +5.2, 21 45 10.2 -1.9, 21 45 43.9, 21 44 25.6 +5.9, 21 45 43.7, 21 44 25.6 +5.9, 21 45 43.7 -3.1, 21 44 31.7 +6.5, 21 45 54.0, 21 44 13.9 +2.8, 21 44 37.2 -2.4, 21 46 03.7 +0.4, 21 44 35.5 +4.7, 21 46 00.6

29d 22h

Table with columns: KURS, Kuram, 6.68 248 Pg, Pb, 21 44 37.7 +5.5. Contains multiple rows of station data including KURB, KURB, KURB, etc.

2013 SEP

Main table with columns: PB06, IPOC Station P, 1.18 216 eP, Pn, 22 12 49.2 -0.3. Includes sub-sections for Germany and Spain with station names like Sennhilsen, Gaiserwald, etc.

Table with columns: CTRE, Tremp, 1.96 1 P, Pb, 22 16 21.8 -0.7. Contains station data including CTRE, CSOR, CSOR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CALF Calviac, EGOR Sierra Gorda, SMRF Simiane la Rot, EPLA Plascencia, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKLM AKL, PGAV Gavieira, COI Coimbra, EGRG El Granado, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like POPM, BDI Bagni Di Lucca, MTCR Monte La Croce, etc.

NNC 29:22:27.00:7.3,6,37.59N,71.56E,h109km,82km,mb3.1, mpv3.9, 1C-1D, Error ellipse: s-maj=33.6km s-min=28.5km az=148.0, Afghanistan-Tajikistan border

ISCJB 29:22:47.33:6.0,6,27.42N,0.09:65:58E,0.08,h10km, mb3.7/15,MS3.1/6, Error ellipse: s-maj=15.0km s-min=6.3km az=143.3

OMAN 29:22:47.46:1.2,1,27.43N,64.88E,h35km,ms2.6/4, Error ellipse: s-maj=37.9km s-min=21.0km az=154.0

WSAR Wadi Sarin 7.50 238 Op Pn 22 49 25.2 +0.9

THW Thame Wali 7.59 44 P Pn 22 49 23.1 -2.4

MDH Madha 8.54 258 P Pn 22 49 40.5 +1.9

AAK Ala-Archa 16.84 23 Pn Pn 22 51 30.7 -0.1

BVAR Borovoye Array 25.83 7 P 22 53 06.6 +0.5

FINES FINESS Array B 42.98 333 P P 22 55 34.3 +0.4

KSRs Korea Array 52.76 62 P 22 56 50.4 +0.3

TWD Torodi Ar. Bea 60.96 270 P P 22 57 03.7 +1.3

ASAR Alife Springs 83.25 121 P P 23 00 02.9 +0.9

BUI 29:23:00:14.2:0.0,1.79N,98.58E,h40km,mb4.6/18, MB4.8/10,MS4.7/4,MS7.4/5.2

ISCJB 29:23:00:24.3:0.2,1.92N,0.03:99:13E,0.03,h145km,2km, mb4.2/23, Error ellipse: s-maj=5.9km s-min=3.8km az=153.8

NEIC 29:23:02:25.1:2.0,1.96N,0.05:99:13E,0.06,h142km,3km, mb4.4/54

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Table with columns: RPSI, Rantau Prapat, 0.76 346, Pn, Pn, 23 00 47.5 +0.6, etc. Lists various stations and their associated data.

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Table with columns: GEYT, ALibeck, 51.89 319, P, P, 23 09 18.5 -1.1, etc. Lists various stations and their associated data.

1570

Table with columns: PLCA, Paso Flores, 4.11 145, Pn, Pn, 23 08 01.8 +0.4, etc. Lists various stations and their associated data.

ISCJB 29 23:06:57.2 0.1, 37.39S; 0.02:73.54W; 0.03, h9km, mb5.0/19, MS4.9/11, Error ellipse: s-maj=3.9km s-min=3.3km az=147.4 VAO 29:23:06:58.9 0.3, 37.44S; 73.58W, h10km, mb5.4 NEIC 29:23:06:58.1 1.5, 37.39S; 0.05:73.71W; 0.10, h10km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn:0.84; M0:0.11; M0:0.95; M0:0.07; M0:0.23; M0:1.30; Fault plane solution: M1:6.000x10^17 NP1: 0.336, 29000; 818, 23000; 1, 73, 42000. NP2: 0.517, 72000; 372, 55000; 0.5, 37000. Principal axes: T 1.5271, Plg62.0000; Azm94.0000; N 0.1417, Plg5.0000; Azm354.0000; P -1.6688, Plg27.0000; Azm261.0000; GUC 29:23:06:59.8 0.8, 37.49S; 73.71W, h54km, 12km, ML5.3 BUI 29:23:07:00.5 0.0, 37.40S; 73.80W, h22km, mb5.4/14, Ms5.5/20, Ms7.5/3/20 GCMT 29:23:07:02.1 0.2, 37.53S; 0.01:73.89W; 0.02, h20km, MW5.3/112, Moment Tensor Solution. s90, c134; s112, c173; Duration: t=1 Moment tensor: Scale 10^17 Nm; Mn:0.74; 0.02; M0:0.4; 0.1; M0:0.77; 0.2; Mn:0.03; 0.3; M0:0.04; 0.1; M0:0.93; 0.05; Best double couple: M1:1.9800x10^17 NP1: 0.182, 00000; 870, 00000; 1, 89, 00000. NP2: 0.4, 00000; 820, 00000; 1, 92, 00000. Principal axes: T 1.1790, Plg65.0000; Azm91.0000; N 0.0360, Plg1.0000; Azm182.0000; P -1.2160, Plg25.0000; Azm272.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function IDC 29:23:07:02.6 4.0, 37.46S; 73.33W, h33km, 29km, mb4.8/16, mb1.4/9/21, mb1mx4.9/24, mb1mp5.0/21, ML4.8/5, MS4.8/10, Ms1.4/8/10, ms1mx4.5/29 Error ellipse: s-maj=19.8km s-min=11.6km az=86.0 ISC 29:23:06:59.9 1.1, 37.41S; 0.03:73.66W; 0.05, h14km, 6km, n727, t=142/721, mb5.2/121, MS5.1/12, MS5.1/12, 10C10, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists station codes and names.

1571

Table with columns for station call letters, location, frequency, and other identifiers. Includes stations like RUSC La Rusia, CBOC Ciudad Bolivar, HCLC Santa Helena, etc.

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Table with columns for station call letters, location, frequency, and other identifiers. Includes stations like Y54A Tignall, Y53A Monroe, NATX Naoacochoes, etc.

29d 23h

Table with columns for station call letters, location, frequency, and other identifiers. Includes stations like S58A Poland Farm, T50A Nancy, MNTX Corduas Mount, etc.

29d 23h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 050A Cable, AC50 Alum Creek Sta, 049A Covington, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like L40A Anamosa, I58A Old Forge, S22A 4UR Ranch, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like F63A Nahmakanta, EDW2 Edwards Air Fo, SHPR Shee Range, etc.





BTRR	Keskín Array B	6.98	303	P	P	23	27	43.4	-0.3
PV20	West Nyswonger	61.77	58	P	IAMB	23	27	53.1	-0.2
	comp=Z,2.3nm,0.7s								
CSS	Mathiasis	64.81	301	P	P	23	28	13.6	+0.3
J56A	Hilton	65.41	31	P	P	23	28	17.4	+0.5
ESDC	Sonsceca Array	70.01	333	P	P	23	28	44.1	-2.0
	comp=Z,1.8nm,0.8s,baz=5.0,slow=6.3,SNR=12								
ESDC	Sonsceca Array	70.01	333	P	P	23	28	45.0	-1.1
TXAR	Lajitas Array	71.76	57	P	P	23	28	55.2	-1.7
	comp=Z,0.3nm,0.5s,baz=347,slow=3.7,SNR=3.6								

DJA 29 23:18:06.2,0.3,3'S;2:12'9"E, h10km, M4.1/8, mb4.6/1, MLV3.9/8, Seram

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
						h m s	ISC		
MSAI	Masohi	0.76	215	Op	Pn	23	18	18.6	+2.3
MSAI	Masohi	1.52	231	S	Sb	23	18	31.2	+0.3
AAI	Ambon	1.52	231	Pn	Pn	23	18	33.6	+0.2
AAI	Ambon	1.52	231	S	Sb	23	18	53.8	0.0
BNDI	Bandanaira	1.87	163	Pn	Pn	23	18	39.2	+0.9
BNDI	Bandanaira	2.33	257	S	Sb	23	19	03.5	-0.4
NLAI	Namlea	2.73	257	Pn	Pn	23	19	44.8	+0.3
LBSI	Labuha	2.99	318	Pn	Pn	23	18	51.3	+0.4
LBSI	Labuha	2.99	318	S	Sb	23	19	25.3	+0.7
FAKI	Fak Fak	2.88	94	P	P	23	18	51.2	-1.0
SANI	Sanana	3.44	281	Pn	Pn	23	19	00.2	+0.2

VAO 29 23:23:15.5,0.8,37.45S:73:61W, h12km, 5km, mb5.4  
GUC 29 23:23:15.7,0.7,37.47S:73:88W, h42km, 2km, ML5.5, MW5.4

NEIC 29 23:23:16.3,2.6,37.41S:73:4W,0.1, h16km, 2km, mb5.1/263, Mwb5.4, ML5.5(GUC), Moment Tensor Solution. Moment tensor: Scale 10<sup>17</sup>Nm; Mrr:1.26; Mth:0.18; Mty:1.43; Mzz:0.15; Mxy:1.9; Fault plane solution: Mo:1.81000x10<sup>17</sup> NP1:36.09000°, 52.4.93000°, 1.75.42000°. NP2:36.182.10000°, 66.9.92000°, 7.96.68000°. Principal axes: T 1.7248, Plg68.0000°, Azm105.0000°; N 0.1661, Plg6.0000°, Azm359.0000°; P 1.8609, Plg21.0000°, Azm287.0000°.

ISCJB 29 23:23:16.0,0.1,37.43S:02:73:41W,0.0,4,h23km, mb4.8/23, MS5.3/28 Error ellipse: s-maj=4.1km s-min=3.3km az=159.4

BUI 29 23:23:18.0,0.0,37.40S:73:40W, h25km, mb5.4/12, MS5.5/12, Ms7.5/4/12

IDC 29 23:23:19.1,3.3,37.52S:73:28W, h33km, 24km, mb4.6/21, mb1.4/726, mb1mx4.6/35, mbmp4.8/26, ML4.5/5, MS5.1/19, MS1.5/19, ms1mx5.0/26, Error ellipse: s-maj=20.0km s-min=9.8km az=83.0

GCMT 29 23:23:20.3,0.1,37.57S:0:01:73:81W,0.0,1,h22km, MW5.5/141, Moment Tensor Solution. s120.8/186; s141,c253; Duration: 194 Moment tensor: Scale 10<sup>17</sup>Nm; Mrr:1.72; Mth:0.02; Mty:0.02; Mzz:1.70; 0.3; Mx:0.09; My:0.00; Mz:0.00; Mxy:1.98; 0.7; Best double couple: Mo:2.61800x10<sup>17</sup> NP1:36.09000°, 66.9.92000°, 7.96.68000°. Principal axes: T 2.62800, Plg65.0000°, Azm94.0000°; N -0.0210, Plg1.0000°, Azm2.0000°; P 2.6070, Plg25.0000°, Azm271.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 23:23:16.4,0.3,37.44S:0:03:73:60W,0.05,h23km, m614, c=1996/587, mb5.1/33, MS5.4/30, 7C-2D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
						h m s	ISC		
CCSP	San Pedro de C	0.71	33	Op	Pn	23	23	31.6	+0.6
CCSP	San Pedro de C	0.71	33	Op	Sb	23	23	43.4	+2.2
CCSP	San Pedro de C	0.71	33	Op	IAML	23	23	46.2	
	comp=E,236um,0.3s								
COCH	Cobquecura	1.46	271	Op	Pn	23	24	41.5	+0.3
COCH	Cobquecura	1.46	271	Op	Sb	23	24	01.2	+0.4
CCHI	Chillan	1.47	561	Op	Pn	23	24	43.4	+0.3
CCHI	Chillan	1.47	561	Op	Sb	23	24	03.9	+2.5
CCHI	Chillan	1.47	561	Op	IAML	23	24	16.1	
	comp=E,121um,0.7s								
GO06	Curarrehue	2.71	143	Op	Pn	23	23	59.3	+0.6
GO06	Curarrehue	2.71	143	Op	Sb	23	24	31.9	+1.0
GO06	Curarrehue	2.71	143	Op	IAML	23	24	43.1	
	comp=N,7um,0.8s								
GO06	Curarrehue	2.71	143	Op	Pn	23	23	59.4	+0.6
GO06	Huala	2.77	301	Op	Pn	23	23	59.4	-0.1
GO06	Huala	2.77	301	Op	IAML	23	24	53.7	
	comp=N,18um,0.7s								
GO05	Huala	2.77	301	Op	Pn	23	24	00.3	+0.9
PLCA	Paso Flores	4.05	145	Op	Pn	23	24	17.6	+0.5
	comp=N,14nm,0.3s,baz=344,slow=12,SNR=144								

PLCA	Paso Flores	4.05	145	Op	Lg	23	25	20.3	
	comp=N,72nm,0.3s,baz=61,slow=24,SNR=5.3								
PLCA	Paso Flores	4.05	145	Op	Pn	23	24	17.9	+0.8
PLCA	Paso Flores	4.05	145	Op	Sb	23	24	17.9	+0.8
PLCA	Paso Flores	4.05	145	Op	Pn	23	24	17.4	+0.7
PLCA	Paso Flores	4.05	145	Op	Pn	23	24	17.4	+0.3
LMEL	Las Melosas	4.52	39	Op	Pn	23	24	29.1	+1.3
PEL	Peidehue	4.90	301	Op	Pn	23	24	28.1	+0.1
PEL	Peidehue	4.90	301	Op	Pn	23	24	29.1	+0.8
FCH	Farellones	4.93	26	Op	Pn	23	24	29.8	+0.5
ROCI	El Roble	4.93	26	Op	Pn	23	24	29.8	+0.5
ROCH	El Roble	4.93	26	Op	Pn	23	24	29.8	+0.5
CFA	Coronel Fontan	7.31	39	Op	Pn	23	25	02.0	+0.3
	comp=N,25nm,0.3s,baz=232,slow=7,SNR=134								
CFA	Coronel Fontan	7.31	39	Op	Sb	23	26	27.4	+3.5
	comp=N,20nm,0.3s,baz=177,slow=13,SNR=2.3								

GO04	Tololo Obseva	7.74	19	Op	Pn	23	25	06.2	+0.2
LCO	Las Campanas	8.74	17	Op	Pn	23	25	20.7	-1.0
TRQA	Tornquist	9.22	97	Op	Pn	23	25	29.7	+1.7
TRQA	Tornquist	9.22	97	Op	Sb	23	27	13.3	+2.3
TRQA	Tornquist	9.22	97	Op	Pn	23	25	27.8	-0.2
GO03	Copiapi	10.22	17	Op	Pn	23	25	40.9	-0.8
GO02	Mina Guanaco	12.70	17	Op	Pn	23	26	15.3	+0.4
LPA	La Plata	12.91	83	Op	Pn	23	26	17.9	-0.5
LPA	La Plata	12.91	83	Op	SS	23	28	38.6	-2.6
GO09	Cerro Castillo	13.86	177	Op	Pn	23	26	31.8	+0.5
PB10	IPOC Station P	14.12	12	Op	Pn	23	26	35.9	+0.9
LVC	Limon Verde	15.32	17	Op	Pn	23	26	53.3	+1.7
	comp=N,1.0nm,0.3s,baz=189,slow=8,SNR=11								

LVC	Limon Verde	15.32	17	Op	Pn	23	26	52.1	+0.5
LVC	Limon Verde	15.32	17	Op	Pn	23	26	51.7	+0.1
PB04	IPOC Station P	15.34	12	Op	Pn	23	27	08.2	+0.5
PB04	IPOC Station P	15.34	12	Op	IAMB	23	27	01.1	
	comp=Z,119nm,0.7s								
GO10	Punta Arenas	15.82	174	Op	Pn	23	26	59.4	+1.8
PB01	IPOC Station P	16.72	13	Op	Pn	23	27	08.8	-0.5
PB01	IPOC Station P	16.72	13	Op	IAMB	23	27	16.9	
	comp=Z,138nm,1.0s								
CPUP	Villa Florida	17.68	56	Op	Pn	23	27	19.0	-2.1
	comp=Z,0.3nm,0.3s,baz=229,slow=10,SNR=25								

CPUP	Villa Florida	17.68	56	Op	LR	23	27	46.5	
	comp=Z,12um,21.3s,baz=232,slow=3								
CPUP	Villa Florida	17.68	56	Op	Pn	23	27	20.6	-0.5
USHA	Ushuaia	17.75	170	Op	Pn	23	27	22.1	+0.3
	comp=Z,0.5nm,0.3s,baz=344,slow=8,SNR=12								
USHA	Ushuaia	17.75	170	Op	LR	23	27	46.2	
	comp=Z,4um,19.7s,baz=348,slow=3								
PB11	IPOC Station P	17.95	12	Op	Pn	23	27	24.4	-0.2
EFI	East Falkland	17.98	147	Op	Pn	23	27	24.6	0.0
EFI	East Falkland	17.98	147	Op	IAMB	23	27	26.6	
	comp=Z,119nm,0.7s								
GO01	Chusmiza	18.12	13	Op	Pn	23	27	28.3	+1.0
MMNC	Minye Minye	18.57	12	Op	Pn	23	27	30.8	-1.3
MMNC	Minye Minye	18.57	12	Op	IAMB	23	28	04.4	
	comp=Z,135nm,0.8s								

ITAB	Concordia	20.75	67	Op	Pn	23	27	55.6	+0.1
LPAZ	La Paz	21.61	14	Op	Pn	23	28	07.8	+2.4
	comp=Z,16nm,0.8s,baz=176,slow=7,SNR=35								
LPAZ	La Paz	21.61	14	Op	Op	23	28	07.9	+2.4
LPAZ	La Paz	21.61	14	Op	S	23	28	06.6	+2.3
LPAZ	La Paz	21.61	14	Op	P	23	28	04.8	-0.7

LPAZ	La Paz	21.61	14	Op	IAMB	23	28	26.7	
	comp=Z,65nm,0.9s								
PTGB	Pitanga	26.32	62	Op	Pn	23	28	12.9	+0.4
PTGB	Pitanga	26.32	62	Op	Sb	23	28	20.4	+3.6
AOBDE	Aquidauana	22.97	48	Op	S	23	28	17.7	+0.6
AOBDE	Aquidauana	22.97	48	Op	S	23	28	17.4	+3.2
SIV	San Ignacio	24.07	31	Op	Pn	23	28	30.8	+0.8
	comp=Z,61nm,0.8s,baz=223,slow=10,SNR=137								
SIV	San Ignacio	24.07	31	Op	LR	23	29	43.8	
	comp=Z,8um,18.4s,baz=218,slow=15								
FRBT	Fartura	24.95	63	Op	Pn	23	28	39.0	+0.8
FRBT	Fartura	24.95	63	Op	Sb	23	30	40.0	+3.5
NNA	Nana	25.51	353	Op	Pn	23	28	45.9	+2.7
	comp=Z,12nm,0.6s,baz=185,slow=15,SNR=7.3								
NNA	Nana	25.51	353	Op	LR	23	28	46.0	
	comp=Z,3um,19.1s,baz=173,slow=32								

NNA	Nana	25.51	353	Op	Pn	23	28	40.0	-3.2
SPB	Sao Paulo	26.32	62	Op	Pn	23	28	50.8	+0.3
SPB	Sao Paulo	26.32	62	Op	Sb	23	28	50.8	+0.3
RCLB	Rio Claro-Sao Paulo	26.98	64	Op	Pn	23	28	56.5	0.0
SVO	Vaiinhos	27.02	65	Op	Pn	23	28	57.1	+0.2
BB19B	Bebedouro	27.16	60	Op	Pn	23	28	59.2	+1.0
PARB	Parabauna	27.80	68	Op	Pn	23	29	05.8	+2.0
PARB	Parabauna	27.80	68	Op	Sb	23	30	47.6	+2.0
PMSA	Palmer Station	27.96	171	Op	Pn	23	29	05.2	+0.5
	comp=Z,5.9nm,0.9s,baz=222,slow=9,SNR=6.8								
PMSA	Palmer Station	27.96	171	Op	Pn	23	29	03.2	-1.5
PMSA	Palmer Station	27.96	171	Op	Pn	23	29	03.1	-1.5
SAML	Samuel	29.89	21	Op	Pn	23	29	23.1	-0.7
SAML	Samuel	29.89	21	Op	Sb	23	29	19.4	-2.9
YASO1	Vassouras-RJ	30.04	68	Op	Pn	23	29	25.8	+2.0
PMBR	Parque das Minas	30.32	59	Op					

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																								29d 23h					
V55A	Taylorville	73.26	354	P	P	23	34	47.2	+1.7	P58A	Pank, Wackersv	76.63	357	P	P	23	35	07.3	+2.5	JFWS	Jewell Farm	81.40	348	P	P	23	35	32.7	+1.7
V55A	Taylorville	73.26	354	P	P	23	34	42.6	-3.0	FVM	Brench Village	76.64	346	I	A	23	35	36.4		JFWS	Gabriels	81.48	360	P	P	23	35	33.2	+1.8
V55A	Pickwick Lake	73.30	348	P	P	23	34	43.1	-2.7	P57A	Homestead Farm	76.65	356	P	P	23	35	06.3	+1.3	H58A	Lybenton	81.61	361	P	P	23	35	34.7	+2.6
V52A	Servierville	73.50	352	P	P	23	34	48.1	+1.2	Q49A	Aurora	76.78	351	P	P	23	35	07.2	+1.5	H61A	Lyndonville	81.61	381	P	P	23	35	34.7	+1.6
V52A	Servierville	73.50	352	P	P	23	34	44.7	-2.2	Q48A	North Vernon	76.81	350	P	P	23	35	06.2	+0.3	LONY	Lake Ozonia	81.68	359	P	P	23	35	34.1	+1.7
V50A	Pikeville	73.52	350	P	P	23	34	48.4	+1.4	CCM	Cathedral Cave	76.87	346	P	P	23	35	07.7	+1.5	LONY	Ozonia	81.68	359	I	A	23	36	40.8	
V51A	Loudon	73.55	351	P	P	23	34	48.1	+0.8	CCM	Cathedral Cave	76.87	346	P	P	23	35	04.1	-2.1	H56A	Elgin	81.69	358	P	P	23	35	34.0	+1.6
V51A	Loudon	73.55	351	P	P	23	34	48.0	+0.8	P54A	Burnsville	76.92	355	P	P	23	35	08.4	+1.8	U15A	North Rim	81.77	329	P	P	23	35	35.5	+2.0
V49A	McMinnville	73.72	350	P	P	23	34	49.6	+1.3	P51A	Williamsport	77.04	352	P	P	23	35	08.2	+1.0	GMRC	Granite Mounta	81.80	326	P	P	23	35	37.3	+3.9
ABTX	Ablene, Hawle	73.82	337	P	P	23	34	51.1	+2.2	LIC	Lamto	77.06	72	e	P	23	35	07.4	-0.5	PV01	Paradox Valley	81.83	333	P	P	23	35	35.6	+2.0
ABTX	Ablene, Hawle	73.82	337	P	P	23	34	46.1	-2.8	P52A	Corning	77.10	353	P	P	23	35	08.7	+1.2	FRNY	Flat Rock	81.89	300	P	P	23	35	35.3	+1.8
ABTX	Smith Brothers	73.84	349	P	P	23	34	50.0	+1.1	U32A	Winter Ranch,	77.13	339	P	I	23	35	05.9	-2.0	H65A	Eastbrook	81.90	34	P	P	23	35	36.0	+2.5
V48A	Smith Brothers	73.84	349	P	P	23	34	47.1	-1.8	U32A	Winter Ranch,	77.13	339	P	I	23	35	05.9	-2.0	PV13	Radium Mtn.,	81.94	333	P	P	23	35	35.2	+0.9
U55A	TA2, Sparta	73.89	354	P	P	23	34	50.8	+1.5	BLO	Bloomington	77.16	350	P	I	23	35	05.6	-2.3	PV02	Paradox Valley	81.96	333	P	P	23	35	35.6	+1.9
U53A	Fall Branch	73.90	352	P	P	23	34	50.5	+1.2	BLO	Bloomington	77.16	350	P	I	23	35	10.5		PV05	Paradox Valley	81.97	332	P	P	23	35	36.1	+1.7
U4LR	University of	73.93	344	P	P	23	34	45.7	-3.7	WIN	Windhoek	77.17	109	P	I	23	35	09.0	+0.2	PV05	Paradox Valley	81.97	332	P	P	23	35	36.1	+1.7
U54A	Nelsons Funny	73.98	353	P	P	23	34	51.2	+1.3	P50A	Jamestown	77.24	352	P	P	23	35	11.1		SADO	Sadova	81.98	356	P	P	23	35	35.7	+1.7
U54A	Nelsons Funny	73.98	353	P	P	23	34	47.5	-2.4	P48A	Miller	77.29	351	P	P	23	35	09.4	+1.0	LBTB	Lobate	82.00	115	P	P	23	35	31.7	-3.3
U51A	La Follette	74.08	351	P	P	23	34	51.4	+1.0	P48A	Miller	77.29	351	P	P	23	35	09.2	+0.6	PV03	Paradox Valley	82.04	333	P	P	23	35	36.1	+1.4
CLTN	Cedars of Lebanon	74.11	349	P	P	23	34	48.0	-2.5	P48A	Miller	77.29	351	P	P	23	35	09.2	+0.6	PV18	Brekin Mesa, Pa	82.08	333	P	P	23	35	36.4	+1.6
T59A	Double "B" Far	74.13	357	I	A	23	34	46.9	-3.6	P48A	Miller	77.29	351	P	P	23	35	05.9	-2.7	PV12	Saucer Basin,	82.08	333	I	A	23	35	36.5	+1.6
TZTN	Tazewell	74.19	352	P	P	23	34	52.2	+1.3	P48A	Miller	77.29	351	P	P	23	35	05.9	-2.7	PV12	Saucer Basin,	82.08	333	I	A	23	35	36.5	+1.6
TZTN	Tazewell	74.19	352	P	P	23	34	48.6	-2.3	P48A	Miller	77.29	351	P	P	23	35	05.9	-2.7	PV11	David Mesa, Pa	82.09	333	P	I	23	35	37.0	+2.1
T57A	Hurt	74.25	355	P	P	23	34	47.4	-3.8	P48A	Miller	77.29	351	P	P	23	35	05.9	-2.7	PV17	East Wray Mesa	82.10	333	P	P	23	35	36.5	+1.4
SUR	Sutherland	74.28	119	P	P	23	34	51.5	-0.7	TIC	Toumudi	77.33	71	e	P	23	35	09.0	-0.5	PV17	East Wray Mesa	82.10	333	P	P	23	35	36.5	+1.4
W41B	Gary Mavity, V	74.29	344	P	P	23	34	55.3	+3.8	KIC	Kosan Boka	77.36	72	e	P	23	35	09.6	-0.1	PV17	Nyswonger Mesa	82.11	333	P	I	23	35	46.1	+2.0
W41B	Gary Mavity, V	74.29	344	P	P	23	34	48.0	-3.6	DBIC	Dimboko	77.47	71	P	P	23	35	10.9	+0.6	PV16	Nyswonger Mesa	82.11	333	P	I	23	35	37.3	+2.2
W41B	Gary Mavity, V	74.29	344	P	P	23	34	56.0		DBIC	Dimboko	77.47	71	P	P	00	07	00.6		PV16	Nyswonger Mesa	82.11	333	P	I	23	35	45.5	
T56A	Rocky Mt	74.33	355	P	P	23	34	52.2	+0.4	DBIC	Dimboko	77.47	71	P	P	23	35	08.7	-1.6	PV07	Paradox Valley	82.13	333	P	P	23	35	37.4	+2.2
WVT	Waverly	74.38	348	P	P	23	34	52.7	+0.7	DBIC	Dimboko	77.47	71	P	P	23	35	08.0	-2.1	PV19	Morning Glory	82.14	333	P	P	23	35	37.9	+2.5
WVT	Waverly	74.38	348	P	P	23	34	49.9	-2.1	OS2A	Adamsville	77.55	354	I	A	23	37	03.1		PV20	West Swonger	82.16	333	P	P	23	35	37.9	+2.0
WVT	Wooly Hollow	74.41	344	P	P	23	35	23.3		TUC	Tucson	77.59	328	P	P	23	35	10.1	+3.5	PV04	Plevna	82.18	358	P	P	23	35	34.6	-0.3
WHAR	Wooly Hollow	74.41	344	P	P	23	34	49.9	-2.4	TUC	Tucson	77.59	328	P	I	23	35	13.2	+2.6	PV04	Paradox Valley	82.18	333	P	I	23	35	35.9	+0.5
U49A	Red Boiling Sp	74.44	350	P	P	23	34	53.1	+0.7	TUC	Tucson	77.59	328	P	I	23	35	22.5		SMCO	Snowmass	82.19	334	P	I	23	35	36.6	+0.9
T55A	Pulaski	74.48	354	P	P	23	34	54.2	+1.5	O51A	Pataskala	77.65	353	P	P	23	35	11.8	+1.2	SMCO	Snowmass	82.19	334	P	I	23	35	36.6	+0.9
T54A	Tazewell	74.49	353	P	P	23	34	53.9	+1.1	O50A	Cable	77.75	352	P	P	23	35	12.0	+0.8	HAL	Halifax	82.20	7	P	I	23	35	34.2	-0.8
RAR	Rarotonga	74.50	255	LR	LR	23	59	37.9		ACSO	Alum Creek Sta	77.77	353	P	P	23	35	12.0	+0.8	HAL	Halifax	82.20	7	P	I	23	35	34.2	-0.8
BLA	Blacksburg	74.55	354	P	P	23	34	50.2	-2.8	ACSO	Alum Creek Sta	77.77	353	P	P	23	35	12.5	+1.2	PV14	Lion Creek, Pa	82.21	333	P	I	23	35	39.9	
T51A	Gray	74.65	351	P	P	23	34	55.2	+1.6	ACSO	Alum Creek Sta	77.77	353	P	P	23	35	12.5	+1.2	PV14	Lion Creek, Pa	82.21	333	P	I	23	35	37.1	+1.5
W39A	Magazine	74.66	343	P	P	23	34	55.9	+2.2	ACSO	Alum Creek Sta	77.77	353	P	P	23	35	09.1	-2.2	PV14	Lion Creek, Pa	82.21	333	P	I	23	35	37.1	+1.5
W39A	Magazine	74.66	343	P	P	23	34	52.8	-0.9	ACSO	Alum Creek Sta	77.77	353	P	P	23	35	09.1	-2.2	H48A	Harrisville	82.23	353	P	P	23	35	36.9	+1.7
W39A	Magazine	74.66	343	P	P	23	35	26.2		ACSO	Alum Creek Sta	77.77	353	P	P	23	35	14.1	+1.5	OGNE	Ogata	82.24	333	P	P	23	35	36.0	+0.4
T52A	Hallie	74.68	352	P	P	23	34	54.2	+0.4	N55A	Marion Center	78.00	356	P	P	23	35	14.1	+1.5	PV22	Blue Mesa, Pa	82.24	333	P	P	23	35	37.4	+1.6
HSIG	Cornudas Mount	74.81	322	P	P	23	34	52.1	-2.6	N55A	Marion Center	78.00	356	P	P	23	35	08.9	-3.7	PV23	Carpenter Ridg	82.27	333	P	P	23	35	36.5	+0.5
MNTX	Cornudas Mount	74.82	332	P	P	23	34	56.8	+1.5	N55A	Marion Center	78.00	356	P	P	23	35	27.9	+1.2	ISCO	Idaho Springs	82.30	336	P	I	23	35	36.5	+0.5
MNTX	Cornudas Mount	74.92	332	P	P	23	34	52.0	-3.3	PAL	Palisades	78.07	360	P	I	23	35	10.7	-2.1	ISCO	Idaho Springs	82.30	336	P	I	23	35	36.8	
LCAR	Lake Charles	74.93	345	I	A	23	34	53.9	+1.3	PAL	Palisades	78.07	360	P	I	23	35	10.7	-2.1	G62A	West of Eustis	82.32	2	P	P	23	35	38.3	+2.5
LCAR	Lake Charles	74.93	345	I	A	23	34	59.2		214A	Organ Pipe Nat	78.15	327	P	P	23	35	52.8		G62A	West of Eustis	82.32	2	P	P	23	35	35.9	+0.1
S56A	Natural Bridge	74.95	355	P	P	23	34	57.2	+1.9	214A	Organ Pipe Nat	78.15	327	P	P	23	35	17.4	+3.8	G62A	West of Eustis	82.32	2	P	P	23	35	36.0	
FCAR	Ozark Folk Cen	74.96	345	P	P	23	34	51.8	-3.6	ANMO	Albuquerque	78.15	327	P	P	23	35	17.4	+3.8	PV21	Cone Mtn., Pa	82.36	333	P	P	23	35	37.4	+0.6
T49A	Edmonton	74.99	350	P	P	23	34	57.1	+1.5	N50A	Nevada	78.22	353	P	P	23	35	11.8	-1.8	PV09	Paradox Valley	82.36	333	P	P	23	35	37.3	+0.8
T49A	Edmonton	74.99	350	P	P	23	34	54.1	-1.5	N50A	Nevada	78.22	353	P	P	23	35	17.5	+3.3	GGN	Saint George	82.40	5	P	I	23	35	36.4	+0.3
T47A	Sharon Grove	75.10	349	P	P	23	34	57.6	+1.4	N51A	Ashland	78.32	353	P	P	23	35	15.7	+1.4	GGN	Saint George	82.40	5	P	I	23	35	36.4	+0.3
T47A	Sharon Grove	75.10	349	P	P	23	34	54.0	-2.2	N51A	Ashland	78.32	353	P	P	23	35	15.7	+1.4	MWC	Mount Wilson	82.42	324	P	I	23	35	36.6	+1.8
S55A	Lewisburg	7																											

30d Oh

Table of astronomical objects with columns for name, magnitude, position, and other details. Includes entries like MACI Morro de la Ar, BATG Bathurst New B, and various numbered objects.

2013 SEP

Table of astronomical objects for September 2013, including AKASG Malin Array B, FIAO FINESSE Array B, and various numbered objects.

1576

Table of astronomical objects for 1576, including LVC Limon Verde, BPO4 IPOC Station P, and various numbered objects.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various other data points for stations in Japan (e.g., JHST, JHST, JOSH, etc.).

Table with columns: GRPR, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various other data points for stations in GRPR (e.g., GRPR, LAGR, LAGR, etc.).

Table with columns: DL2, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various other data points for stations in DL2 (e.g., DL2, DL2, DL2, SKR, SKR, etc.).

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like TIKI, TIKI, TIKI, GTA, GTA, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like KDAK, KDAK, ODAN, HOM, SUA, CNPM, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MESA, YAH, CTGM, EPYK, BATK, etc.

FINES	FINES Array B	62.54 330	P	P	00 21 54.1 +0.2
FINES	FINES Array B	62.54 330	P	P	00 21 54.1 +0.2
WRAB	Tennant Creek	62.78 185ceP	P	pmx	00 21 56.0 0.0
WRAB					
WRA	Warramunga Arr	62.79 185	P	P	00 21 55.9 -0.2
MORR	Mol Rana	63.01 338eP	P	P	00 21 55.9 -1.0
VSR	Storozhevoje	63.08 316	eS	P	00 30 07.9 -1.7
VSR			pmx	pmx	
VSR			smx	smx	
VORD	Divonogie	63.16 316	eP	pmx	00 21 57.4 -0.8
VORD			pmx	pmx	
VSU	Vasula	64.23 327	eP	I Amb	00 22 04.7 -0.4
VSU			I Amb	I Amb	00 22 17.0
SEKA	Sheki	64.39 303	P	P	00 22 06.2 -0.3
ZKTA	Zakatala	64.49 304	P	P	00 22 07.1 0.0
GOF	Gotfiskoje	64.60 309	iP	pmx	00 22 08.5 +0.8
GOF			pmx	pmx	
D03D	Eldon	64.61 48	P	P	00 22 09.1 +1.4
SUMG	Summit	64.67 359	iP	pmx	00 22 09.0 +0.9
SUMG			pmx	pmx	
B05A	Bryant	64.71 47	P	P	00 22 09.0 +0.9
B05A			P	P	00 22 09.3 +1.0
MNGR	Mingechevir, A	64.71 303	P	P	00 22 08.7 +0.3
LKRK	Lenkeran, Azer	64.86 300	P	P	00 22 09.7 +0.3
GANJ	Ganja	65.26 303	P	P	00 22 12.3 +0.3
D05A	Enumclaw	65.42 48	P	P	00 22 14.2 +1.3
D05A			I Amb	I Amb	00 22 15.5
ZEI	Tsey	65.45 306	eP	pmx	00 22 12.5 -0.9
ZEI			pmx	pmx	
KVAR	Kislovodsk Arr	65.45 308	P	P	00 22 14.7 +1.4
KIV	Kislovodsk	65.46 308	iP	P	00 22 14.6 +1.2
KIV			P	P	00 22 14.2 +0.8
KIV			P	P	00 22 14.2 +0.8
KIV			P	P	00 22 14.2 +0.8
KBZ	Khabaz	65.47 308	P	P	00 22 14.1 +0.8
KBZ			P	P	00 22 15.2
TBLG	Delisi	65.58 305	I Amb	I Amb	00 22 15.2
LOX	Longmire	65.78 48	P	pmx	00 22 16.5 +1.2
LOX			pmx	pmx	
LOX			P	P	00 22 16.5 +1.2
LOX			P	P	00 22 17.4 +1.4
NEY	Neyrino	65.78 48	P	pmx	00 22 16.5 +1.2
NEY			pmx	pmx	
F04A	Amby	65.94 49	P	P	00 22 17.4 +1.1
LTY	Liberty	66.08 47	P	P	00 22 18.0 +0.7
LTY			I Amb	I Amb	00 22 18.8
B08A	Colville Reser	66.11 46	I Amb	I Amb	00 22 19.5
B08A			I Amb	I Amb	00 22 19.3 +0.3
ISAL	Salakas	66.41 325	eP	I Amb	00 22 26.4
ISAL			P	P	00 30 40.8 -9.2
ISAL	Akhalkalaki	66.52 305	eS	pmx	00 30 21.8 +1.6
ISAL			pmx	pmx	
AKH	Akhalkalaki	66.52 305	iP	P	00 22 21.9 +1.6
AKH			P	P	00 22 20.8 +0.7
ASAR	Alice Springs	66.52 185	e	P	00 22 20.3 +0.6
IIGN	Ignalina	66.52 325	eP	I Amb	00 22 31.7
IIGN			I Amb	I Amb	00 22 31.7
GNI	Garni	66.52 304ceP	P	pmx	00 22 21.9 +1.7
GNI			pmx	pmx	
GNI			P	P	00 22 20.5 +0.3
GNI			I Amb	I Amb	00 22 28.9
NAX	Nakhchivan	66.64 302	P	P	00 22 21.1 +0.2
E07A	Sukhchivadi	66.96 47	P	P	00 22 23.7 +1.0
E07A			I Amb	I Amb	00 22 25.2
G05D	Whamic, OR	66.98 49	P	P	00 22 23.5 +0.7
G05D			P	P	00 22 24.7
C9A9	Chriss Ranch	67.02 46	I Amb	I Amb	00 22 25.1
D08A	Wollman Farm,	67.14 46	I Amb	I Amb	00 22 25.1
D08A			I Amb	I Amb	00 22 26.4
HAWA	Hanford	67.23 47	I Amb	I Amb	00 22 26.4
KARS	Kars	67.24 305	P	pmx	00 22 25.8 +1.1
KARS			pmx	pmx	
KARS			P	P	00 22 25.8 +1.1
I04A	Tendick Farm,	67.26 51	P	P	00 22 25.8 +1.1
I04A			P	P	00 22 25.9 +0.9
NEW	Newport	67.32 45	P	P	00 22 26.6
NEW			I Amb	I Amb	00 22 26.6 +1.5
F07A	Phinny Hill Vi	67.33 48	P	I Amb	00 22 27.6
F07A			I Amb	I Amb	00 22 27.6 +1.5
PABE	Paberze	67.35 326	eP	I Amb	00 22 24.2 -0.7
PABE			I Amb	I Amb	00 22 28.6
E08A	Dider Farm, El	67.43 47	I Amb	I Amb	00 22 27.5
E08A			I Amb	I Amb	00 22 26.6 +0.5
BANOM	Banah	67.45 285	P	P	00 22 26.5 +0.4
BANOM			P	P	00 22 26.5 +0.4
SHME	Shamm	67.48 285	P	P	00 22 26.4 +0.1
I05D	Terrebonne, OR	67.53 50	P	P	00 22 27.4 +1.1
I05D			P	P	00 22 26.6 -0.1
HMDM	Hanimaadhoov	67.55 258	P	P	00 22 28.5 +1.4
WBK	Wadi Bani Khai	67.59 280	P	P	00 22 27.7
NC405	NORSAR Array B	67.93 335	I Amb	I Amb	00 22 27.4
NC405			I Amb	I Amb	00 22 43.2
NC303	NORSAR Array S	67.65 335	I Amb	I Amb	00 22 27.3 +0.3
NC303			P	P	00 22 27.4 0.0
HFS	Hagfors	67.76 334	P	P	00 22 27.0 +0.0
HFS			P	P	00 22 27.4 0.0
NC204	NORSAR Array S	67.80 336	I Amb	I Amb	00 22 28.0
PBUR	Paburg	67.81 327	eP	I Amb	00 22 22.8 +0.2
PBUR			I Amb	I Amb	00 22 32.5
ILULI	Ilulissat	67.83 4	P	pmx	00 22 27.6 -0.1
ILULI			pmx	pmx	
ILULI			P	P	00 22 27.6 -0.1
ILULI			I Amb	I Amb	00 22 28.4
MDH	Madha	67.83 284	P	P	00 22 27.7 -0.8
MDH			P	P	00 22 27.8 -0.2
NB2	NORSAR Subarra	67.84 335	P	P	00 22 27.8 -0.2
NB2			P	P	00 22 27.8 -0.2
NOA	NORSAR Subarra	67.84 335	P	P	00 22 27.8 -0.2
NOA			P	P	00 22 27.8 -0.2
MSFE	Esma-Masafi	67.89 284	P	P	00 22 26.1 +0.5
ANN	Anapa	67.92 311	eP	P	00 22 26.1 -2.5
ANN			P	P	00 22 19.9 -0.5
ANN			eS	P	00 31 01.6 -6.7
ANN			pmx	pmx	
SMDO	Samad	67.97 281	P	P	00 22 30.5 +1.2
NC602	NORSAR Array S	67.98 305	eP	P	00 22 28.7
NC602			P	P	00 22 28.7 -0.1

NB000	NORSAR Array S	67.98 336	I Amb	I Amb	00 22 44.7
NAO01	NORSAR Array B	68.10 335	P	P	00 22 30.3 +0.7
NAO01			I Amb	I Amb	00 22 31.4
UOSS	Minazif	68.12 284	P	P	00 22 30.7 +0.4
UOSS			P	P	00 22 30.7 +0.4
G08A	Pilot Rock	68.24 48	P	P	00 22 31.6 +0.8
HATD	Hatta, Dubai	68.25 284	I P	P	00 22 31.7 +0.7
HATD			P	P	00 22 32.0 +0.9
J05D	Fort Rock, OR	68.25 51	P	P	00 22 32.3 +1.3
J05D			P	P	00 22 30.9 0.0
AKASG	Malin Array Be	68.30 320	P	pmx	00 22 30.8 -0.1
AKASG			I P	P	00 22 30.8 -0.1
AKASG	Malin Array Be	68.30 320	I P	pmx	00 22 31.2 +0.3
AKASG			I Amb	I Amb	00 22 31.7
L04D	Klamath Falls	68.30 52	P	P	00 22 32.5 +1.1
L04D			P	P	00 22 32.5 +0.6
ASHO	Ashtiyah	68.39 284	I P	P	00 22 32.6 +0.6
ASHO			P	P	00 22 32.7
WALA	Waterfront Lakes	68.39 284	I Amb	I Amb	00 22 32.6 +0.6
WALA			P	P	00 22 33.7
NAZ	Nazwa, Dubai	68.48 284	P	P	00 22 32.8 +0.3
M02C	Callahan	68.56 53	P	P	00 22 33.7 +1.2
M02C			P	P	00 22 35.9 +1.2
K05A	Summer Lake	68.79 51	P	I Amb	00 22 35.9 +1.5
K05A			I Amb	I Amb	00 22 36.7
M04C	Macdoel	68.84 52	P	P	00 22 35.9 +1.2
M04C			P	P	00 22 35.7 +1.0
N02D	Trinity Center	68.85 53	P	P	00 22 36.3 +1.2
ARQ	Araqi	68.89 283	P	P	00 22 35.7 +0.4
ARQ			P	P	00 22 36.0 +0.6
ASUD	Al Ashush, Dub	68.94 284	P	P	00 22 36.1 +0.4
ASUD			P	P	00 22 36.9 +0.7
ALNE	Al Amn	69.00 284	I P	P	00 22 39.0 +1.6
ALNE			P	P	00 22 38.7 +0.9
JTMT	Jette	69.11 44	P	P	00 22 40.0
O02D	Mt. Diablo Mer	69.50 54	P	P	00 22 38.5 +0.7
O02D			P	P	00 22 40.5 +1.0
MHTO	MHTO	69.33 280	P	P	00 22 40.5 +0.5
MHTO			P	P	00 22 40.0
BMO	Blue Mountains	69.42 47	I Amb	I Amb	00 22 41.7 +0.3
BMO			P	P	00 22 41.7
KONO	Kongsberg	69.44 335	eP	P	00 22 41.4 +0.9
M0D	Moldoc Plateau	69.56 51	P	P	00 22 41.6 +0.6
M0D			P	P	00 22 41.7 +0.3
FFC	Flin Flon	69.80 33	pmx	pmx	00 22 41.4 +0.9
FFC			I Amb	I Amb	00 22 41.4 +0.9
FFC			P	P	00 22 41.6 +0.6
003E	Paynes Creek	69.81 53	P	P	00 22 41.7 +0.3
003E			P	P	00 22 41.7 +0.3
MSO	Missoula	69.89 44	P	P	00 22 42.0
MSO			I Amb	I Amb	00 22 41.7 +0.3
MSO			I Amb	I Amb	00 22 42.6
PLID	Pearl Lake	69.97 47	I Amb	I Amb	00 22 42.9
PLID			I Amb	I Amb	00 22 42.9
SFJD	Kangerlussuaq	70.06 4	P	pmx	00 22 41.5 +0.1
SFJD			P	P	00 22 41.7 +0.3
SFJD			I Amb	I Amb	00 22 42.6
SORM	Soroca	70.46 318	iP	P	00 22 44.2 0.0
SORM			P	P	00 22 44.2 0.0
ORV	Oroville	70.46 54	pmx	pmx	00 22 45.1 +0.7
ORV			pmx	pmx	
BEKV	Oroville	70.46 54	P	P	00 22 45.1 +0.7
BEKV			I Amb	I Amb	00 22 49.1
ORV	Oroville	70.46 54	P	P	00 22 49.1
BEKV	Beckworth	70.53 53	I Amb	I Amb	00 22 49.1
BEKV			P	P	00 22 49.1
MILM	Milfestil Mici	71.06 317	iP	P	00 22 48.0 +0.2
MILM			P	P	00 22 49.3 +0.7
AFDM	Forest Hills D	71.17 54	P	P	00 22 49.8 +1.1
AFDM			I Amb	I Amb	00 22 51.2
MFID	Carnas Ranch	71.17 48	I Amb	I Amb	00 22 48.0 -0.3
MFID			P	P	00 22 48.0 -0.3
BSD	Bornholm Skovb	71.18 330	I P	pmx	00 22 48.0 -0.3
BSD			pmx	pmx	
BSD			P	P	00 22 48.0 -0.3
PAHR	Pah Rah Range	71.61 53	I Amb	I Amb	00 22 53.2
PAHR			P	P	00 22 52.9 +1.9
ANGC	Ammassalik, Gr	71.64 358	P	P	00 22 54.2 +0.1
ANGC			P	P	00 22 54.2
VCNR	Virginia City	71.72 53	I Amb	I Amb	00 22 52.5 -0.6
VCNR			I Amb	I Amb	00 22 55.3
PNTR	Pine Nut	71.89 53	P	P	00 22 54.1 +0.9
PNTR			I Amb	I Amb	00 22 54.9
BOZ	Bozeman (W)	71.90 44	P	I Amb	00 22 54.9
BOZ			I Amb	I Amb	00 22 54.9 +1.1
KWP	Kawartha Pacla	72.06 322	eP	P	00 22 54.9 +1.1
KWP			eP	P	00 22 54.9 +1.1
KWP			eP	P	00 22 54.2 -0.1
KAAM	Kaadhehdhoov	72.06 253	P	P	00 22 54.9 +1.1
KAAM			P	P	00 22 54.9 +0.4
YERR	Yerrington	72.16 53	P	P	00 22 56.5 +0.9
YERR			P	P	00 22 55.0 -0.5
RGN	Rugeto	72.20 330	iP	P	00 22 57.6 +1.6
RGN			P	P	00 22 56.0 0.0
BURAR	Buocovina Array	72.33 319	iP	P	00 23 11.3
BURAR			P	P	00 22 56.0 0.0
BURAR	Buocovina Array	72.33 319	iP	P	00 22 56.0 0.0
BURAR			P	P	00 23 11.3
WAKR	Walker	72.36 54	P	P	00 22 56.0 0.0
WAKR					

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Table with columns: Station, Comp, Elev, Wind, Dir, Temp, Precip, Clouds, etc. Includes entries like SZCU, HEC, ALN, RSSD, CSS, G44, etc.

Table with columns: Station, Comp, Elev, Wind, Dir, Temp, Precip, Clouds, etc. Includes entries like SDCO, 214A, SPMM, D41A, G39A, NRC4, BGNE, etc.

Table with columns: Station, Comp, Elev, Wind, Dir, Temp, Precip, Clouds, etc. Includes entries like H48A, F51A, MSTX, J46A, MNXX, E52A, etc.

**1581** **2013 SEP** **30d 0h**

POI	Presque Isle	87.59	18	P	P	00 24 16.8	-0.1
N48A	Decatur	87.65	32	P	P	00 24 17.3	0.0
HHAR	Hobbs	87.66	40	IAmb	IAmb		
PECO	Prince Edward	87.72	25	P	P	00 24 17.2	-0.3
PECO	Prince Edward	87.72	25	P	P	00 24 17.8	+0.3
ABTX	Abilene, Hawle	87.72	46	P	P	00 24 18.0	+0.2
ABTX	Abilene, Hawle	87.72	46	P	P	00 24 17.8	0.0
MGMO	Mountain Grove	87.72	38	IAmb	IAmb	00 24 18.6	
H57A	Richville	87.72	24	P	P	00 24 17.1	-0.5
E63A	Oxbow	87.74	18	P	P	00 24 17.3	-0.3
E63A	Oxbow	87.74	18	P	P	00 24 17.7	+0.2
G59A	Clarenceville	87.78	22	P	P	00 24 17.7	-0.1
LONY	Lake Ozonia	87.81	23	P	P	00 24 18.9	+0.9
P46A	Rosedale	87.85	34	P	P	00 24 18.4	+0.2
FVM	French Village	87.86	37	P	P	00 24 18.8	+0.5
FVM	French Village	87.86	37	P	P	00 24 18.9	+0.5
FVM	French Village	87.86	37	P	P	00 24 19.6	
N49A	Columbus Grove	87.92	31	P	P	00 24 18.8	+0.3
N49A	Columbus Grove	87.92	31	IAmb	IAmb	00 24 19.8	
M50A	Fremont	87.92	30	P	P	00 24 19.4	+0.9
M50A	Fremont	87.92	30	IAmb	IAmb	00 24 28.1	
MEDA	Medina	87.95	26	P	P	00 24 18.4	-0.2
H59A	Cadyville	88.04	22	P	P	00 24 18.6	-0.5
TXAR	Lajitas Array	88.05	51	P	P	00 24 20.3	+0.8
TXAR	Lajitas Array	88.05	51	P	P	00 24 20.0	+0.5
J55A	Hilton	88.06	26	P	P	00 24 18.9	-0.3
J55A	Hilton	88.06	26	P	P	00 24 18.0	-1.1
J55A	Hilton	88.06	26	IAmb	IAmb	00 24 19.8	
U40A	Yellville	88.11	39	P	P	00 24 19.6	+0.1
H58A	Gabriels	88.12	23	P	P	00 24 19.1	-0.3
O48A	Farmiland	88.12	32	P	P	00 24 19.6	+0.1
OLRL	Olney	88.23	35	IAmb	IAmb	00 24 21.5	
F64A	Sherman	88.28	19	P	P	00 24 20.1	-0.1
M51A	Elyria	88.30	30	P	P	00 24 20.3	0.0
G62A	West of Eustis	88.36	20	P	P	00 24 19.7	-0.8
J56A	Walcott	88.36	25	P	P	00 24 19.8	-0.7
K54A	Basiliko Farm,	88.37	27	P	P	00 24 20.3	-0.4
ERPA	Erie	88.38	28	P	P	00 24 20.8	+0.1
ERPA	Erie	88.38	28	P	P	00 24 21.1	+0.4
L53A	Girard	88.43	28	P	P	00 24 21.2	+0.3
N50A	Nevada	88.43	30	P	P	00 24 21.5	+0.5
K55A	Perry	88.47	26	P	P	00 24 20.9	-0.3
O49A	Covington	88.49	32	P	P	00 24 21.0	-0.4
O49A	Covington	88.49	32	P	P	00 24 21.4	+0.1
O49A	Covington	88.49	32	IAmb	IAmb	00 24 22.4	
L54A	Sinclairville	88.50	27	P	P	00 24 21.3	+0.1
J57A	Williamstown	88.50	24	P	P	00 24 21.0	-0.2
J57A	Williamstown	88.50	24	P	P	00 24 21.4	+0.1
J57A	Williamstown	88.50	24	IAmb	IAmb	00 24 21.6	
BLO	Bloomington	88.50	33	P	P	00 24 21.6	+0.3
BLO	Bloomington	88.50	33	P	P	00 24 21.6	+0.3
BLO	Bloomington	88.50	33	IAmb	IAmb	00 24 22.1	
NMB	Newcomb	88.51	23	P	P	00 24 21.6	+0.2
NCNV	Mt. Morris Dam	88.52	26	P	P	00 24 21.1	-0.2
MMNY	Mt. Morris Dam	88.52	26	IAmb	IAmb	00 24 36.3	
N51A	Ashland	88.59	30	P	P	00 24 21.8	+0.1
N51A	Ashland	88.59	30	P	P	00 24 22.0	+0.2
N51A	Ashland	88.59	30	IAmb	IAmb	00 24 23.0	
VT1	Waterbury	88.59	22	P	P	00 24 21.8	+0.2
S44A	Carbondale	88.61	36	P	P	00 24 22.4	+0.5
W39A	Magazine	88.61	40	P	P	00 24 21.4	-0.6
PKME	Peaks-Kenny Pk	88.62	19	P	P	00 24 21.4	-0.3
PKME	Peaks-Kenny Pk	88.62	19	P	P	00 24 22.0	+0.3
PKME	Peaks-Kenny Pk	88.62	19	IAmb	IAmb	00 24 30.5	
H61A	Lyndonville	88.63	21	P	P	00 24 22.4	+0.6
HPG	Milroy	88.69	54	P	P	00 24 22.4	-0.3
P48A	Milroy	88.70	33	P	P	00 24 22.4	+0.2
P48A	Milroy	88.70	33	P	P	00 24 22.6	+0.4
K56A	Middlesex	88.73	26	P	P	00 24 22.2	-0.2
M53A	Wi Miller and	88.74	28	P	P	00 24 22.5	+0.1
G64A	Maxfield	88.76	19	P	P	00 24 22.6	+0.2
J58A	Remsen	88.76	24	P	P	00 24 22.3	-0.2
J58A	Remsen	88.76	24	P	P	00 24 22.0	-0.5
J58A	Remsen	88.76	24	IAmb	IAmb	00 24 22.8	
H62A	Milan	88.80	21	P	P	00 24 22.9	+0.3
H62A	Milan	88.80	21	IAmb	IAmb	00 24 24.0	
O50A	Cable	88.80	31	P	P	00 24 23.2	+0.5
FCAR	Osark Fork Can	88.83	39	IAmb	IAmb	00 24 23.9	
PBMO	Poplar Bluff	88.86	37	IAmb	IAmb	00 24 24.3	
J59A	Piesco	88.89	23	P	P	00 24 23.0	-0.1
J59A	Piesco	88.89	23	P	P	00 24 22.8	-0.3
J59A	Piesco	88.89	23	IAmb	IAmb	00 24 23.9	
P49A	Miami Univ. Ec	88.91	32	P	P	00 24 23.4	+0.1
N52A	McGinn's Farm,	88.93	29	P	P	00 24 23.6	+0.3
ACSO	Alum Creek Sta	88.97	31	P	P	00 24 23.7	+0.2
H63A	New Sharon	89.00	20	P	P	00 24 23.8	+0.2
M54A	Oil Creek Stat	89.03	28	P	P	00 24 24.3	+0.6
M54A	Oil Creek Stat	89.03	28	P	P	00 24 24.4	+0.6
M54A	Oil Creek Stat	89.03	28	IAmb	IAmb	00 24 25.1	
Q48A	North Vernon	89.03	33	P	P	00 24 24.3	+0.5
USIN	University of	89.06	35	P	P	00 24 24.9	+0.9
USIN	University of	89.06	35	IAmb	IAmb	00 24 26.0	
LMN	Caledonia Moun	89.06	16	P	P	00 24 24.2	+0.4

LMN	comp=Z,8.1nm,1.0s	00 24 36.5
G65A	Princeton	89.09 18 P
LCAR	Lake Charles	89.12 38 P
LCAR	Lake Charles	89.12 38 P
L56A	Greenwood	89.16 26 P
L56A	Greenwood	89.16 26 P
O51A	Pataksala	89.18 30 P
K58A	Earlville	89.19 25 P
K58A	Earlville	89.19 25 P
P50A	Jamestown	89.20 31 P
MIAR	Mount Ida	89.24 41 P
MIAR	Mount Ida	89.24 41 P
N53A	Liabon	89.24 29 P
N53A	Liabon	89.24 29 IAmb
WHAR	Wooly Hollow	89.24 39 IAmb
Q49A	Aurora	89.30 32 P
JCT	Junction City	89.31 47 P
JCT	Junction City	89.31 47 IAmb
W41B	Gary Mavity, V	89.36 39 P
W41B	Gary Mavity, V	89.36 39 P
W41B	Gary Mavity, V	89.36 39 P
WHTX	Lake Whitney,	89.36 45 IAmb
WHTX	Lake Whitney,	89.36 45 IAmb
M55A	Ridgway	89.37 27 P
M55A	Ridgway	89.37 27 P
M55A	Ridgway	89.37 27 P
N54A	Moraine State	89.40 28 P
WCI	Wyandotte Cave	89.40 34 P
WCI	Wyandotte Cave	89.40 34 P
WCI	Wyandotte Cave	89.40 34 P
WCI	Wyandotte Cave	89.40 34 P
H65A	Eastbrook	89.41 19 P
K59A	Cooperstown	89.42 24 P
O52A	Adamsville	89.49 30 P
O52A	Adamsville	89.49 30 P
H66A	Whiting	89.54 18 P
J61A	Chester	89.56 22 P
P51A	Williamsport	89.59 31 P
O53A	New Philadelphia	89.60 29 P
BINY	Binghamton	89.62 35 P
X40A	Basin Creek Fa	89.64 40 P
L58A	Harry Jones Me	89.79 25 P
Q50A	Georgetown	89.79 32 P
I64A	Boothbay	89.80 20 P
P52A	Corning	89.81 30 P
J62A	Henniker	89.87 22 P
Q51A	Peebles	89.88 31 P
Q51A	Peebles	89.88 31 IAmb
L59A	Walton	89.90 24 P
N55A	Marion Center	89.91 28 P
O54A	Aveella	89.96 29 P
N56A	West Decatur	90.02 27 P
M57A	Sunshine Farm,	90.02 26 P
T47A	Sharon Grove	90.12 35 P
R50A	Paris	90.14 32 P
S49A	Springfield	90.19 33 P
M58A	Price's Panora	90.20 26 P
P53A	Whipple	90.21 30 P
O55A	Ligonier	90.31 28 P
Q52A	Bidwell	90.34 31 P
M59A	Waymart	90.37 25 P
SSPA	Staining Stone	90.41 27 P
SSPA	Standing Stone	90.41 27 P
N57A	Milroy	90.41 27 P
P54A	Burton	90.43 29 P
K63A	Durabelle	90.45 22 P
O56A	Blue Knob Stat	90.51 28 P
O56A	Blue Knob Stat	90.51 28 IAmb
WVT	Waverly	90.54 36 P
WVT	Waverly	90.54 36 P
WVT	Waverly	90.54 36 P
WVT	Waverly	90.54 36 P
M58A	Sundance	90.61 26 P
M58A	Mont Chateau	90.61 29 P
S50A	Richmond	90.64 33 P
T49A	Edmonton	90.67 34 P
M60A	Port Jervis	90.82 24 P
N59A	State Game Lan	90.84 25 P
Q54A	Coxs Mills	90.85 30 P
O57A	Ambersen	90.87 27 P
ESDC	Sonsecarray	90.98 32 P
S51A	Beaverville	90.99 32 P
T50A	Nancy	91.03 33 P
U49A	Red Boiling Sp	91.08 34 P
N60A	Cedar Hill Far	91.09 25 P
M61A	Granite Spring	91.09 24 P

Dayton Farm, R	91.10 28 P	P	00 24 33.8	+0.4
Q55A	Buckhannon	91.11 29 P	P	00 24 34.0
OXF	Oxford	91.21 38 P	P	00 24 34.5
V48A	Smith Brothers	91.30 35 P	P	00 24 34.6
PAL	Palisades	91.33 24 P	P	00 24 34.8
L64A	Middleborough	91.34 22 P	P	00 24 34.8
WSPT	Greenville	91.35 24 P	P	00 25 25.6
N61A	South Mountain	91.44 24 P	P	00 24 35.4
O60A	Telford	91.50 25 P	P	00 24 35.1
U50A	Jamestown	91.55 34 P	P	00 24 35.6
P58A	Pank, Wackersv	91.65 27 P	P	00 24 36.1
P60A	Greenville	91.88 26 P	P	00 24 36.9
T53A	Wise	91.97 32 P	P	00 24 38.1
W49A	Belvidere	92.07 35 P	P	00 24 38.4
T54A	Tazewell	92.27 31 P	P	00 24 39.2
V51A	Loudon	92.28 34 P	P	00 24 38.9
W50A	Signal Mountai	92.40 35 P	P	00 24 39.4
Y51A	Rockmart	93.62 35 P	P	00 24 45.3
Z50A	Ashland	93.81 36 P	P	00 24 45.9
X53A	Estanollee	93.83 34 P	P	00 24 46.3
Y53A	Moscoe	94.28 34 P	P	00 24 48.1
Z52A	Williamson	94.51 35 P	P	00



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Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like GBGM Boggs Mountain, GSGM Seigler Mounta, GDXM Geysers, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like GFC Funks Creek, GWRM Wonder Ranch, GUGM Gualala, etc.

SJA 30 00:52:53.7, 1.2, 2.1, 12S:68.57W, h140km, 9km, MLL3.5, MW3.5
ISC/B 30 00:52:54.7, 1.0, 2.1, 12S:0.03:68.61W, 0.09, h138km, 11km, Error ellipse: s-maj=14.0km s-min=4.9km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like PB01 IPOC Station P, PB09 IPOC Station P, PB08 IPOC Station P, etc.

2013 SEP

comp=Z,464m,0.2s
NMNC Minye Minye 2.18 334 i/P Pn 00 53 31.4 -0.3
MNMIC 00 54 00.5 +0.5
NMNMX Minye Minye 2.18 334 e/P Pn 00 53 31.7 0.0

IDC 30 00:59:06.0, 0.5, 37.44S:73.36W, h0km, mb4.5/22, mb1.4, 6/26, mb1mx4.5/39, mbtmp4.5/26, ML4.1/14, MS4.1/14, MS1.4, 1/14, ms1mx4.0/23, Error ellipse: s-maj=17.9km

ISC/B 30 00:59:07.0, 0.2, 37.39S:0.03:73.39W, 0.05, h23km, mb4.5/22, MS4.2/12, Error ellipse: s-maj=5.8km s-min=4.0km az=2.4
VAO 30 00:59:07.5, 0.7, 37.36S:73.51W, h10km, mb4.9
GUC 30 00:59:09.7, 0.8, 37.56S:73.58W, h29km, 5km, ML4.9
NEIC 30 00:59:11.1, 1.4, 37.38S:0.05:73.4W, 0.1, h34km, 4km
ISC 30 00:59:09.4, 0.3, 37.42S:0.03:73.52W, 0.06, h23km, n218, c1505/202, ch4.8/60, MS4/12, 5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CCSP San Pedro de C, CCHI Chillan, CCHI Cobquecura, etc.

EF1 East Falkland 17.96 147 P P 01 03 17.0 -0.8
GO01 Chuzmiza 18.09 13 P P 01 03 18.9 -1.0
NMNC Minye Minye 18.55 12 P P 01 03 24.7 -0.3

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like ITAB Concordia, LPAZ La Paz, LPZB La Paz, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like VNA3 Neumayer Olymp, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BOSA	Boshof	79.55 118	P	P	01 11 14.3 -0.5
comp=Z:7.5nm,0.9s,baz=202,slow=6.3,SNR=3.1					
BOSA	Boshof	79.55 118	LR	LR	01 16 49.12
BOSA	Lo Mia Camp, P	79.70 229	P	P	01 11 14.6 -0.2
X16A	Lo Mia Camp, P	79.70 229	P	P	01 11 15.8 +0.5
CMWZ	Cape Campbell	79.82 25	P	P	01 11 17.1 +0.9
MEDO	Medina	80.34 356	P	P	01 11 18.6 +0.4
MEDO			Iamb	Iamb	01 11 29.0
EMMV	East Machias	81.94 4	P	P	01 11 27.8 +1.1
EMMV			Iamb	Iamb	01 11 28.1
LBTB	Lobatse	81.95 115	P	P	01 11 27.6 -0.1
PV02	Paradox Valley	81.97 333	P	P	01 11 28.1 -0.5
G62A	West of Eustis	82.31 2	P	P	01 11 28.4 +0.3
G62A			Iamb	Iamb	01 11 30.4
comp=Z:20nm,1.4s					
KNB	Kanab	82.51 329	P	P	01 11 30.8 +0.6
F63A	Nahmakanta, Br	82.84 3	P	P	01 11 31.0 -0.4
F63A			Iamb	Iamb	01 11 34.0
comp=Z:7.3nm,0.9s					
CCUT	Cedar City	83.19 329	P	P	01 11 34.9 +1.1
SRU	San Rafael Swe	83.43 332	P	P	01 11 35.3 +0.4
ECSD	EROS Data Cent	83.45 343	Iamb	Iamb	01 11 43.9
comp=Z:9nm,1.1s					
Q16A	Castle Valley	83.50 331	P	P	01 11 35.7 +0.4
E63A	Oxbow	83.59 4	P	P	01 11 36.1 +0.8
P17A	Butcher Ranch,	83.83 332	P	P	01 11 38.7 +1.8
TMUT	Trail Mountain	83.85 332	P	P	01 11 37.6 +0.4
PSUT	Pine Sprng	84.25 325	P	P	01 11 40.5 +1.4
R11A	Troy Canyon, C	84.79 328	P	P	01 11 43.3 +1.5
RSSD	Black Hills	85.75 338	P	P	01 11 47.3 +0.8
NVAR	Min Array Bea	86.03 326	P	P	01 11 49.8 +1.8
NVAR			Iamb	Iamb	01 11 48.3 +0.3
BW06	Boulder Array	86.29 334	P	P	01 11 49.7 +0.4
PDAR	Pinedale Array	86.29 334	P	P	01 11 49.2 -0.1
PDAR			Iamb	Iamb	01 11 48.9 +0.6
TOAD	Torodi Arr. Bea	86.29 334	P	P	01 11 49.3 +0.4
TORD	Torodi Arr. Bea	86.50 71	P	P	01 11 48.9 -1.8
TORD			Iamb	Iamb	01 11 48.8 -1.8
comp=Z:2.5nm,0.8s,baz=226,slow=4.6,SNR=1.8					
TORD			LR	LR	01 46 29.8
TOA0	Torodi Arr. Sit	86.50 71	P	P	01 11 48.9 -1.8
TPAW	Teton Pass	87.41 334	P	P	01 11 56.1 +1.3
MOOW	Moose Ponds	87.57 334	P	P	01 11 55.9 +0.5
FXWY	Fox Creek	87.57 334	P	P	01 11 55.5 0.0
AGMN	Agassiz Nation	87.64 345	P	P	01 11 55.7 +0.4
FLWY	Flagg Ranch	87.84 334	P	P	01 11 57.5 +0.8
FLWY			Iamb	Iamb	01 12 05.2
comp=Z:5.7nm,0.9s					
MCCM	Marconi Confer	87.90 323	P	P	01 11 57.2 +0.3
MNDN	Madock	88.03 343	P	P	01 11 58.1 +0.8
LSZ	Lusaka	89.86 109	P	P	01 12 06.9 -0.2
LSZ			Iamb	Iamb	01 12 22.7
comp=Z:7.5nm,1.2s					
EGMT	Eggleton	91.00 337	P	P	01 12 11.8 +0.5
ASAR	Alice Springs	113.98 208	PKKPbc	PKKPbc	01 28 26.7 -0.8
comp=Z:0.3nm,0.4s,baz=330,slow=2.6,SNR=4.5					
GECZ	GERESS Array S	115.39 47	PKKIP	PKKIP	01 17 49.0 +0.2
GERES	GERESS Array B	115.39 47	PKKIP	PKKIP	01 17 49.0 +0.2
comp=Z:0.5nm,0.4s,baz=251,slow=3.0,SNR=3.0					
DHY	Denali Highway	115.98 331	Pdf	Pdf	01 14 04.9 +1.8
WR1	Warramunga Arr	117.19 210	PKKIP	PKKIP	01 17 53.1 +0.6
WRA	Warramunga Arr	117.19 210	PKP	PKKIP	01 17 53.8 +0.6
comp=Z:0.3nm,0.9s,baz=151,slow=1.9,SNR=2.7					
VYHS	Vyhne	118.27 49	ePDIFF	Pdf	01 14 20.2 +6.7
BURAR	Bucovina Array	121.83 52	PKKIP	PKKIP	01 18 00.8 -0.5
H1S2	WAKE ISLAND Hyl	24.48 268	T	T	03 34 48.5
H1S1	WAKE ISLAND Hyl	24.48 268	T	T	03 34 43.7
H1S3	WAKE ISLAND Hyl	24.48 268	T	T	03 34 44.0
comp=Z:1.1nm,0.6s,baz=191,slow=3.7,SNR=8.0					
BRTR	Keskin Array B	124.50 63	PKKIP	PKKIP	01 18 06.5 -0.5
H1N3	WAKE ISLAND Hyl	24.96 269	T	T	03 35 29.5
comp=Z:1.1nm,0.6s,baz=191,slow=3.7,SNR=8.0					
H1N1	WAKE ISLAND Hyl	24.97 269	T	T	03 35 20.7
H1N2	WAKE ISLAND Hyl	24.98 269	T	T	03 35 30.6
comp=Z:0.6nm,0.5s,baz=263,slow=2.7,SNR=7.1					
AKAS	Malin Array Be	125.36 50	PKP	PKPpdf	01 18 07.1 -0.6
AKBB	Malin Array Si	125.36 50	PKPpdf	PKPpdf	01 18 07.1 -0.6
GEYT	Alibek	142.07 74	PKHkP	PKPpre	01 18 35.0
comp=Z:1.6nm,0.6s,baz=248,slow=3.2,SNR=4.6					
HRA	Herat	144.29 81	PKPpdf	PKPpdf	01 18 42.3 -1.4
AKBAR	Abkulak array	144.69 55	PKPbc	PKPbc	01 18 41.9 -0.7
RPSI	Rantau Prapat	144.75 167	PKPbc	PKPbc	01 18 43.5 -0.2
NRKI	Noril'sk	146.41 12	PKPbc	PKPbc	01 18 46.9 -0.5
comp=Z:1.5nm,0.3s,baz=306,slow=1.3,SNR=4.9					
HYB	Hyderabad	148.39 121	PKKIP	PKKIP	01 18 54.0 -0.4
BRVK	Borovoye	150.49 46	PKPbc	PKPbc	01 18 59.0 -0.2
NIL	Nilore	152.78 88	PKKIP	PKKIP	01 19 03.9 -0.7
NIL			PKPab	PKPab	01 19 15.3 -0.1
KURK	Kurchatov	156.15 47	PKPpdf	PKPpdf	01 19 10.3 +9.0
ZAOA	Zalesovo Array	157.74 35	PKPab	PKPpdf	01 19 27.7 -0.6
ZAOA			PKPab	PKPab	01 19 36.5 +0.6
ZALV	Zalesovo Beam	157.74 35	PKP	PKPpdf	01 19 02.4 +0.8
comp=Z:2.7nm,0.8s,baz=283,slow=2.6,SNR=1.0					
ZALV			PKPab	PKPab	01 19 36.3 +0.5
comp=Z:3.8nm,0.6s,baz=298,slow=5.4,SNR=7.3					
ZALV	Zalesovo Beam	157.74 35	PKPpdf	PKPpdf	01 19 01.9 -1.3
ZALV			PKPab	PKPab	01 19 36.2 +0.3
MKAR	Makanchi Array	159.83 55	PKP	PKPpdf	01 19 05.8 -0.3
comp=Z:1.2nm,0.8s,baz=249,slow=1.0,SNR=5.7					
MKAR			PKPab	PKPab	01 19 44.8 -0.5
comp=Z:2.4nm,0.8s,baz=274,slow=3.8,SNR=6.6					
MKAR	Makanchi Array	159.83 55	PKPpdf	PKPpdf	01 19 05.5 -0.6
MKAR			PKPab	PKPab	01 19 45.0 -0.3
CMAR	Chiang Mai Arr	159.98 159	PKPab	PKPab	01 19 47.1 +0.6
comp=Z:0.8nm,0.3s,baz=217,slow=4.3,SNR=4.4					
SONM	Songino Array	169.59 0	PKPab	PKPab	01 20 28.8 +0.7
comp=Z:0.3nm,0.3s,baz=325,slow=2.3,SNR=3.7					

NEIC 30 01:03:16.1:1.3,40.666N,013:142.94W,0.07,

h25km,11km, Near coast of northern California

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KCTM	Capetown	0.50 112	Op	ISC	01 03 27.1 -0.5
KCTM			Pn	Sb	01 03 34.7 -0.8
JCC	Jacoby Creek,	0.71 77	Ph	Ph	01 03 29.3 -0.4
JCC			Pn	Sb	01 03 38.5 -0.6
KSM	Slide Mountain	0.75 129	Pn	Pb	01 03 30.5 -0.1
KCRM	Chalk Rock	0.89 105	Pn	Pb	01 03 32.5 -0.3
KHMM	Horse Mountain	0.94 77	Pn	Pb	01 03 32.7 -0.7
KHMM			Sb	Sb	01 03 45.5 -0.5
KWIR	Mill Ridge	1.04 115	Pn	Pn	01 03 35.1 -0.1
KCSM	Cold Springs	1.09 96	Pn	Pn	01 03 35.7 -0.3
KBSM	Bell Springs	1.27 126	Pn	Pn	01 03 38.8 +0.4
KCPM	Cahto Peak	1.43 133	Ph	Pn	01 03 41.7 -0.4
KCPM			Sb	Sb	01 03 55.7 -2.9
KCFM	Farley Peak	1.55 131	Pn	Pn	01 03 42.7 -0.2
LBPM	Beegum Peak	1.61 102	Pn	Pn	01 03 42.7 -0.3
LGPM	Granite Peak	1.62 81	Pn	Pn	01 03 42.6 -0.6
KBO	Bosley Butte	1.64 19	Ph	Pn	01 03 43.0 -0.5
GTC	Three Chop Rid	1.65 139	Pn	Pn	01 03 43.6 0.0
Q02D	Mt. Diablo Mer	1.71 106	Pn	Pn	01 03 44.5 +0.1
WDC	Whiskeyton Da	1.82 92	Pn	Pn	01 03 45.9 -0.1
YBH	Yreka Blue Flor	1.99 57	Pn	Pn	01 03 48.3 0.0
YBH			Sb	Sb	01 04 11.7 -0.8
HOPS	Hopland Field	2.20 139	Pn	Pn	01 03 51.8 +0.7
LSHM	Sage Hen Hill	2.21 86	Pn	Pn	01 03 51.5 +0.3
HUMO	Hull Mountain	2.44 37	Ph	Pn	01 03 55.4 +0.9
MGL	Megalia	2.72 107	Pn	Pn	01 03 59.3 0.0
ORV	Oroville	2.86 112	Pn	Pn	01 04 00.1 -0.1
AFDM	Forest Hills D	3.50 118	Ph	Pn	01 04 09.2 -0.1
CMCM	Millis College	3.59 142	Pn	Pn	01 04 06.0 -4.1
JPC	Peters Creek	4.00 147	Pn	Pn	01 04 17.6 +1.8
KVN	Kaiserville	5.50 105	Ph	Pn	01 04 37.2 +0.5

MEX 30 01:10:12.6:0.3,16.94N,100:17W,h23km,4km,MD3.5,

Near coast of Guerrero

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CAIG	Ei Cayaco	0.14 321	eP	Pb	01 10 16.2 -1.2

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CAIG	Puerto Sto Nin	1.35 353	eS	Pb	01 10 19.3 -1.4
ARIG			Pn	Pn	01 10 32.9 -3.1
ARIG			LR	LR	01 10 49.1 -4.1
ZIIG	Zihuatanejo	1.40 299	iP	Pn	01 10 34.4 -2.3
ZIIG			Sb	Sb	01 10 51.2 -3.3
PLIG	Tlataniilo	1.58 24	iS	Pn	01 10 36.7 -2.6
TLIG	Plata	1.66 68	eS	Pn	01 10 55.9 -3.3
TLIG			Pn	Pn	01 10 38.1 -2.3
TLIG			iS	Sb	01 10 57.6 -3.5
ISN 30 01:13:55.8:1.3,37.26N,44.81E,h7km,103km,ML2.6					
DDA 30 01:14:02.0,37.40N,44.11E,h7km,1km,ML2.5					
ISC 30 01:15:54.4:2.3,37.33N,0.07,44.71E,0.1,h6km,n8,					
r147/12, Turkey-Iran border region					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
YOVA	Hakkari Yksek	0.39 300	Op	ISC	01 14 03.1 -0.7
YOVA			iS	Pb	01 14 11.5 +1.4
HAKT	HAKKARI	0.82 282	P	P	01 14 09.8 -0.3
CUKT	Cukurca	0.89 261	iP	Pg	01 14 11.3 -0.3
CUKT			IAML_P		
comp=Z:3um,0.3s					
MSL	Mosul	1.62 233	ePn	Pb	01 14 25.0 +0.3
MSL			eSb	Sb	01 14 46.0 +0.8
SIRN	Sirkak	1.83 274	eP	Pb	01 14 30.1 +1.1
IKRK	Kirkuk	2.01 189	ePn	Pn	01 14 30.0 +2.2
IKRK			eSb	Sb	01 14 52.0 -2.3
SRMT	Siirt_Merkez	2.29 286	iP	Pg	01 14 37.4 -0.9
SRMT			IAML_P		
comp=Z:340nm,0.4s					
RTB	Rutbah	5.65 221	ePn	Pn	01 15 21.0 +2.0
RTB			eSb	Sb	01 16 22.0 -2.2
SNET 30 01:35:03.8:1.7,12.97N,87.75W,h253km,14km,ML3.6,					
Near coast of Nicaragua					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CNCH	Conchagua	0.31 345	eP	Pn	01 35 36.9 +0.1
CNCH			IAML		01 35 37.3
comp=Z:241nm,0.1s					
LCND	La Caada	0.36 337	eP	Pn	01 35 36.2 -0.5
LCND			eSb	Sb	01 36 03.8 +1.2
PACA	Pacayal	0.75 311	ePn	Pn	01 35 38.8 +0.7
PACA			IAML		01 35 42.2
comp=Z:364nm,0.2s					
TGUH	Tempucigalpa,Un	1.17 23	eP	Pn	01

30d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Santiago Espad, Sonseca Array, Guadarrama, etc.

2013 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pioggiola, Pioggia, Pioggia, etc.

1584

Table with columns for station name, frequency, power, and other technical details. Includes stations like Midelt, MD1, MD31, etc.

NIED 30 02:31:00, 27.30N, 130.40E, h8km, Mw3.9 Best double couple: M=7.10000x10^14 N=1.8246.00000, z=27.00000, lambda=31.00000, NP2=9.4.00000, 777.00000, A=-113.00000.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Kikaisshima, Amami Oshima, etc.

IDC 30 02:31:56.8:22.0, 1770S:177.83W, h380km, 189km, mb3.7/4, mb1 3.9/4, mb1 mx3.3/33, mbtmp4.5/4, Error ellipse: s-maj=126.0km s-min=46.0km az=95.0, Fiji Islands region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Stephens Creek, Jayapura, etc.

GUC 30 02:54:39.5:0.6, 37.57S:73.62W, h11km, 6km, ML3.5, 2C, Near coast of central Chile

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like San Pedro de C, Warramunga Ar, etc.

SOME 30 02:56:38.2, 44.75N:82.08E, h25km

NNC 30 02:56:39.2±1.0, 44.80N-81.86E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=12.7km s-min=4.4km az=118.0

ISC 30 02:56:37.2±1.9, 44.62N-0.07-82.20E:0.10, h5km, 14km, n18, c0572/28, 2C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s ISC. Lists stations like Ketmen, Kaparasan, Makanchi Array, etc.

JMA 30 03:03:20.2±0.1, 23°29'N-122°07'E, h37km, M3.3 TAP 30 03:03:21.3, 23°30'N-122°06'E, h37km, ML3.9, D

ISC 30 03:03:20.1±1.2, 23.29N-122.08E:0.02, h24km, 13km, n84, c0594/153, Taiwan region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s ISC. Lists stations like Ruisui, Chengkung, Guangfu, etc.

Main table with columns: SSSL, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s ISC. Lists stations like NANO, ALS, WHYT, STYT, etc.

Table with columns: CHNB, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s ISC. Lists stations like Yiju, Ta-cheng, Hateruma jima, etc.

ISCJB 30 03:04:08.6±0.5, 42°49'N-141°37'E:0.06, h129km, 3km, mb3.6/6, Error ellipse: s-maj=9.4km s-min=6.0km az=140.1

IDC 30 03:04:09.7±1.9, 42°50'N-141°43'E, h128km, 18km, mb3.5/6, mb1 3.4/7, mb1mx3.2/50, mbtmp3.8/7, MS3.2/2, Ms1 3.3/2, ms1mx2.4/47, Error ellipse: s-maj=54.1km s-min=18.9km az=116.0

JMA 30 03:04:09.8±0.1, 42°49'N-141°34'E, h119km, 1km, M2.9 ISC 30 03:04:09.5±0.9, 42°48'N-141°36'E:0.05, h123km, 6km, n28, c0555/38, mb3.6/6, Hokkaido region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s ISC. Lists stations like Noboribetsu, Eniwo, Iburiatsuma, etc.

SJA 30 03:12:03.2±1.1, 19°76'S-69°38'W, h96km, 5km, ML3.5, MW3.7

GUC 30 03:12:03.9±0.4, 19°74'S-69°29'W, h96km, 2km, ML3.8 ISCJB 30 03:12:04.1±0.8, 19°74'S-69°40'W:0.08, h99km, 6km, Error ellipse: s-maj=12.6km s-min=4.8km az=170.6

ISC 30 03:12:05.4±1.5, 19°75'S-69°40'W:0.07, h86km, 8km, n24, c0595/40, 2C-3D, Northern China

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s ISC. Lists stations like Chusmiza, IPOC Station P, etc.

30d 3h

PB04	comp=Z,232nm,0.4s	IAML	03 13 35.5
LVC	Limon Verde	2.88 171 eP Pn	03 12 49.1 -0.5
LVC		eS	03 13 25.9 +2.4
LVC		IAML	03 13 30.1
PB06	comp=Z,40nm,0.5s		
PB06	IPOC Station P	2.94 183 eP Pn	03 12 49.8 -0.4
PB06		eS	03 13 27.4 +2.6
PB06		IAML	03 13 33.1
PB15	comp=Z,204nm,0.6s		
PB15	IPOC Station P	3.44 181 eP Pn	03 12 55.8 -1.2

IDD 30 03:15:46.9z.2.1.35.72NL:142.29E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/5, mbtmp3.6/5, ML3.2, Error ellipse: s-maj=44.8km s-min=29.3km az=62.0 JMA 30 03:15:47.6.0.1.36.31NK:142.56E, h65km, M3.0, ISC 30 03:15:48.3.1.5.36.2N:0.2-142.45E.0.10, h155km, n17, r=142/16, mb3.6/3, Off east coast of Honshu

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
JHYU	Hitachinakayam	1.51	277	Op	03 16 14.3	-0.5
JHYU				S	03 16 33.8	-1.2
JHO	Hitachi	1.58	287	P	03 16 14.6	-1.1
JHO				S	03 16 34.8	-2.1
ONAJ	Iwakimizuishiy	1.62	305	P	03 16 14.6	-1.7
JAG	Ashikaga	2.43	277	P	03 16 27.3	-0.2
JAG				S	03 16 56.6	-0.3
JRY	Ryogasaki san	2.88	268	P	03 16 33.5	-0.1
JRY				S	03 17 08.5	+0.6
MJAR	Matsushiro Arr	3.44	277	P	03 16 42.4	+1.1
MJAR				S	03 17 23.1	+1.3
MJAR				S	03 16 41.8	+0.4
MJAR	Matsushiro	3.44	277	P	03 17 23.0	+1.1
ASAJ	Asahikawa	7.94	131	Pn	03 17 51.0	+8.0
H1N2	WAKE ISLAND Hy 26.99 121	T			03 49 32.0	
H1N1	WAKE ISLAND Hy 27.00 121	T			03 49 44.0	
H1N3	WAKE ISLAND Hy 27.01 121	T			03 49 35.8	
H1S1	WAKE ISLAND Hy 27.69 123	T			03 50 30.4	
H1S3	WAKE ISLAND Hy 27.69 123	T			03 50 27.6	
H1S2	WAKE ISLAND Hy 27.71 123	T			03 50 29.9	
SONM	Songino Array	28.96	305	P	03 21 48.0	+0.9
MKAR	Makanchi Array	45.28	303	P	03 24 07.7	+2.5
WRA	Waramunga Arr	58.33	189	P	03 25 26.5	-2.1

OMAN 30 03:44:48.7z.1.2.26.94NK:60.87E, h36km, m4.9/10, Error ellipse: s-maj=39.6km s-min=8.4km az=237.0 MOS 30 03:44:48.4z.1.5.26.85NK:60.47E, h11km, m4.7/34, Error ellipse: s-maj=7.2km s-min=5.0km az=97.6 BUJ 30 03:44:48.9.0.2.27.01NK:60.21E, h6km, mb4.6/24, mb4.9/17, Ms4.4/9, Ms7.4/17 ISCJB 30 03:44:48.3.0.2.26.86NL:02-60.49E.0.02, h10km, mb4.4/71, MS3.8/33, Error ellipse: s-maj=3.3km s-min=2.4km az=39.3 IDC 30 03:44:49.2.0.6.26.99NK:60.45E, h0km, mb4.3/28, mb1 4.4/29, mb1mx3.4/2, mbtmp4.3/29, ML4.2/1, MS3.9/31, Ms1 3.9/31, ms1mx3.8/47, Error ellipse: s-maj=14.4km s-min=11.9km az=138.0

NEIC 30 03:44:49.2.9.26.87NL:03-60.48E.0.07, h10km, m1km THR 30 03:44:50.8.27.00NK:60.42E, h16km, ML4.3 TEH 30 03:44:50.1.26.93NK:60.38E, h10km, ML4.7 GCMT 30 03:44:52.5.0.2.6.72NL:04-60.18E.0.04, h16km, m1km, MW4.8/60, Moment Tensor Solution. s20,c25; s60,c82; Duration: 0 Moment tensor: Scale 10<sup>19</sup>Nm; Mir=0.80z:1; Mwo:0.61z:10; Mwo:0.19z:10; Mwo:0.18z:31; Mwo:1.21z:08; Mwo:0.9z:31; Best double couple: L0:1.66700x10<sup>16</sup> NP1:198.00000, s71.00000, l-131.00000. NP2: s87.00000, l44.00000, l-28.00000. Principal axes: T 1.8410, Pg16.0000, Azm316.0000; N -0.3470, P138.0000, Azm213.0000; P -1.4930, P1947.0000, Azm65.0000; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function DSN 30 03:44:54.1z.1.7.26.81NK:60.16E, h10km, ML5.0/9 Error ellipse: s-maj=35.4km s-min=11.9km az=174.0 ISC 30 03:44:50.4.0.3.26.94NK:03-60.41E.0.04, h10km, n317, r186/313, mb4.5/83, MS3.8/34, 8C-9D, Southern Iran

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
CHBR	Chabahar	1.34	177	eP	03 45 16.6	+0.4
CHBR	Chabahar	1.34	177	eP	03 45 16.6	+0.4
CHBR				eAML	03 45 48.6	
CHBR	comp=N,9um,0.6s					
CHBR	Chabahar	1.34	177	eSg	03 45 35.2	+1.6
CHBR	Chabahar	1.34	177	eP	03 45 16.5	+0.4
CHBR	Chabahar	1.34	177	Sg	03 45 35.0	+1.4
XHNJ	Kahnnoo	2.61	193	ePn	03 45 31.6	-1.0
ZHSF	Zahedan	2.68	7	ePn	03 45 34.7	+0.9
ZHSF	Zahedan	2.68	7	ePn	03 45 34.7	+0.9
ZHSF	Zahedan	2.68	7	Pn	03 45 34.0	+0.2
JSK1	Jask	2.70	21	ePn	03 45 29.1	-1.2
NIAN	Nian	3.24	282	ePn	03 45 42.9	+1.5
NIAN				IAMB	03 47 09.6	
GENO	Geno	3.80	278	ePn	03 45 51.0	+1.7
GENO				IAMB	03 46 48.1	
GENO	Geno	3.80	278	Pn	03 45 50.9	+1.7
BANOM	Banah	3.82	256	iP	03 45 49.8	+0.4
BANOM	Banah	3.82	256	P	03 45 50.0	+0.6
CHMN	Cheshme madani	3.86	320	ePn	03 45 51.6	+1.5
CHMN				IAMB	03 47 09.3	
CHMN	comp=Z,0.0nm,0.9s					
CHMN	Cheshme madani	3.86	320	Pn	03 45 51.6	+1.5
SHME	Shamm	3.93	258	iP	03 45 49.5	-1.3
SHME				S	03 46 36.3	-0.8
SHME	Shamm	3.93	258	ePn	03 45 52.3	+1.5
BIBD	Bidbid	3.99	212	P	03 45 54.0	-1.1
BIBD				S	03 46 36.7	-2.7
BIBD	Bidbid	3.98	212	ePn	03 45 50.2	-1.4
BIBD	Bidbid	3.98	212	Pn	03 45 50.1	-1.5
WSAR	Wadi Sarin	4.02	204	Pn	03 45 51.1	-1.1
WSAR	comp=N,15nm,0.3s,baz=28,slow=8.0,SNR=182					
WSAR	Wadi Sarin	4.02	204	Pn	03 45 51.3	-0.8
MDH	Madha	4.04	247	iP	03 45 51.6	-0.8
MDH	Madha	4.04	247	Pn	03 45 51.7	-0.7
MDH	Madha	4.04	247	ePn	03 45 51.4	-1.0
MSFE	Esma-Masafi	4.13	249	iP	03 45 52.9	-0.8
MSFE				S	03 46 39.4	-2.7
MSFE	Esma-Masafi	4.13	249	ePn	03 45 52.7	-1.0
NGRK	Negar Kerman	4.22	311	ePn	03 45 57.9	+2.2
NGRK				IAMB	03 47 26.1	
NGRK	comp=Z,0.0nm,1.0s					
HOQ	Hoqain	4.37	221	P	03 45 55.2	-1.7
HATD	Hatta, Dubai	4.39	242	iP	03 45 55.9	-1.3
HATD	Hatta, Dubai	4.39	242	P	03 45 56.1	-1.1
HATD	Hatta, Dubai	4.39	242	ePn	03 45 55.9	-1.3
KRBR	Kerman	4.42	314	eAML	03 47 12.4	
KRBR	comp=N,27nm,0.7s					
KRBR				eAML	03 47 22.5	
SMD0	Samad	4.42	210	P	03 45 57.1	-0.5
SMD0	SNR=24					

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TVBK	TV Kerman	4.42	314	ePn	03 45 59.4	+1.5
TVBK				IAMB	03 47 27.6	
UMQ	Umm Al-Quwain	4.49	253	P	03 46 02.1	+3.5
UMQ	Umm Al-Quwain	4.49	253	ePn	03 46 02.0	+3.5
WBK	Wadi Bani Khal	4.51	197	P	03 45 57.0	-1.8
WBK				iP		
ASHO	Ashiyah	4.52	241	P	03 45 59.5	+0.5
ASHO	Ashiyah	4.52	241	P	03 45 59.0	0.0
ASHO	Ashiyah	4.52	241	ePn	03 45 58.5	-0.6
ASHO	Ashiyah	4.52	241	Pn	03 45 58.4	-0.6
IAZH	Nazwa, Dubai	4.70	247	iP	03 46 02.0	+0.6
IAZH				S		
IAZH	Nazwa, Dubai	4.70	247	Pn	03 46 03.1	+1.7
IAZH				P		
IAZH	Nazwa, Dubai	4.70	247	ePn	03 46 02.5	+1.1
IAZH				P		
IAZH	Jalan Bani Buh	4.86	191	P	03 46 01.2	-2.3
IAZH				S		
IAZH				S	03 46 57.0	-2.8
IAZH	SNR=6.7					
IAZH	Al Faqa, Dubai	4.86	244	iP	03 46 04.6	+1.0
IAZH				P		
IAZH	Al Faqa, Dubai	4.86	244	P	03 46 06.7	+3.0
IAZH				P		
IAZH	Al Faqa, Dubai	4.86	244	ePn	03 46 06.8	+3.2
IAZH	Koti Gabri	4.87	316	ePn	03 46 07.4	+1.8
IAZH				IAMB	03 47 36.0	
IAZH	comp=Z,0.0nm,1.4s					
IAZH	Jabal Madar	5.01	205	P	03 46 06.0	+0.2
IAZH				P		
IAZH	Araqi	5.03	225	P	03 46 08.0	+2.0
IAZH				P		
IAZH	SNR=38					
IAZH	SNR=32					
IAZH	SNR=8.8					
IAZH	Bisyra	5.09	216	P	03 46 08.2	+1.4
IAZH	SNR=18					
IAZH	Al Ain	5.10	237	iP	03 46 08.1	+1.2
IAZH	Al Ain	5.10	237	ePn	03 46 08.2	+1.3
IAZH	Al Ashush, Dub	5.13	244	iP	03 46 08.5	+1.2
IAZH	SNR=81					
IAZH	Al Ashush, Dub	5.13	244	ePn	03 46 09.3	+2.0
IAZH	Al Ashush, Dub	5.13	244	Pn	03 46 09.3	+2.0
IAZH	Basiran	5.13	348	ePn	03 46 08.9	+1.4
IAZH	Basiran	5.13	348	eAML	03 47 45.1	
IAZH	comp=Z,30nm,0.8s					
IAZH	Basiran	5.13	348	ePn	03 46 08.9	+1.4
IAZH	Kooshah	5.60	348	ePn	03 46 15.4	+1.4
IAZH	Tejag	5.61	347	ePn	03 46 23.7	+2.7
IAZH	JHM	6.25	286	ePn	03 46 23.9	+1.4
IAZH	Monand	6.26	354	ePn	03 46 25.6	+2.8
IAZH	Bafgh	6.27	319	ePn	03 46 24.6	+1.4
IAZH	Bafgh	6.27	319	Pn	03 46 24.6	+1.4
IAZH	MHTO	6.33	201	P	03 46 23.3	-0.6
IAZH	SNR=45					
IAZH	Lamerd	6.47	275	ePn	03 46 27.3	+1.5
IAZH	Mehriz	6.73	313	ePn	03 46 32.1	+2.5
IAZH	SRV Sarvestan	6.89	292	ePn	03 46 32.7	+0.9
IAZH	Pars	7.10	296	ePn	03 46 36.1	+1.4
IAZH	Koohdasht(Taba	7.23	338	ePn	03 46 38.6	+2.3
IAZH	Tabas	7.27	338	ePn	03 46 38.2	+1.4
IAZH	Tabas	7.27	338	ePn	03 46 38.2	+1.4
IAZH	Tabas	7.27	338	eSg	03 48 33.3	+1.0
IAZH	Tabas	7.27	338	Pn	03 46 38.0	+1.2
IAZH	Tabas	7.42	318	Sg	03 48 33.0	+9.5
IAZH	Yazd	7.42	318	ePn	03 46 40.8	+1.6
IAZH	Yazd	7.42	318	ePn	03 46 40.5	+1.6
IAZH	Hera	7.59	12	P	03 46 43.8	+2.5
IAZH	Anarak	8.50	319	ePn	03 46 54.9	+1.1
IAZH	Anarak	8.50	319	Pn	03 46 54.9	+1.1
IAZH	Jarkoshk	8.54	360	ePn	03 47 02.7	+3.0
IAZH	IPAHT	9.57	563	ePn	03 47 11.3	+3.4
IAZH	Sabzevar	9.72	346	ePn	03 47 14.6	+4.1
IAZH	AKhelmad	9.73	352	ePn	03 47 14.1	+3.3
IAZH	AKhelmad	9.73	352	Pn	03 47 14.1	+3.3
IAZH	ZNGN	9.79	304	ePn	03 47 14.1	+2.5
IAZH	Kardeh	9.94	351	ePn	03 47 14.4	+0.9
IAZH	Ditto	10.48	210	P	03 47 20.4	-0.4
IAZH	SNR=5.6					

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Novokhoporsky, Shilling, Manisa, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like La Plagne, Bardonecchia, ARACC Array S, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Fuego 3, Ixpaco, Moyuta, etc.

ISC 30/03:48:43.8; 9.7, 13; 93N; 91.64W, h0km, mb3.7/2, mb1.3/9.3, mb1mx3.5/23, mbmtmp3.4/3, ML3.9/1, Error ellipse: s-maj=305.8km s-min=120.2km az=33.0 SNET 30/03:49:04:1.0, 15; 21N; 91.70W, h81km, 1.9km, ML4.0 ISCJB 30/03:49:06:0.6, 1.5; 16N; 07.06; 92.66W; 0.06, h84km, 7km, mb3.6/2, Error ellipse: s-maj=132.3km s-min=4.9km az=38.4 MEX 30/03:49:06:0.4, 15; 15N; 92.65W, h92km, 5km, MD4.0 CGC 30/03:49:09:1.0, 3, 15; 06N; 92.38W, h11km, 1.9km, MD4.4 ISC 30/03:49:06:8.1, 0, 15; 19N; 07.92; 92.67W; 0.06, h82km, 6km, n19, c1935/28, 1D, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like MDPB Devils Postpil, PKCU Troy Cliffs, R11A Pink Canyon, C, W18A Petrified Fore, etc.

30 05:01:56.0.0.7, 45.48N-27.81E, h0km, mb3.8/9, mb1 3.9/14, mb1mx3.7/42, mbtmp3.9/14, ML3.6/5, MS2.9/6, Ms1 2.9/6, ms1mx2.5/1.1, Error ellipse: s-maj=11.3km s-min=10.0km az=53.0

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like SULR Ion Corvin, ICOR Ion Corvin, MILM Milestii Mici, etc.

RSNC 30 04:28:45.4.1.2, 0.57N-77.97W, h2km, 20km, ML2.8, MW3.8, 1C, Colombia-Ecuador border region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like CMBC Cumbal, CPAS2 Pasto, TUMC Tumaco, BBAC Balboa, Cauca, SOTA Rioblanco, etc.

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like NEGR Negresti, SLOCR Slobozia Conac, GIUM Giurgiuilesti, CFR Carcaliu, PETR Petresti, ODBI Odobesti, GRER Greter, BIR Birlad, TLOR Tlora, BISRR Bisoca, VRI Vrincoiaia, HARR Harsova, PGOR Pogoanele, PLOST Plostina, TLB Topalu, ISR Istrita, THIG Thig, PCIG PCIG, COIG COIG, TGIG TGIG, CMIG Matias Romero, CVDA Carnavoda, TESR Tescani, LEHL Lehliu, MLR Muntele Rosu, SULA Sulina, RASA Rasa, MRS Mora, SMLR Muntele Rosu, TSSL TSSL, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like KISHINEV Kishinev, KIS Kishinev, INCRC INCRC-Sediu C, IAS Iasi, BUCI Bucharest, DOPR Dopca, MANR Mangalia, SGRR Singureni, PSN Preselentsi, VOIR Voiron, PRAR RARASCA, KALB Balgarero, RAZG Razgrad, HUMR Humele, PRD Provadia, SORM Soroca, SZH Strazhica, BURAR Bucovina Array, VLDV Vladia, PVL Pavlikeni, ELND Elena, ELND Elena, CHRU Chernivitsi, NDNV Novodnistrovsk, NDNV Novodnistrovsk, KSV KSV, NSLU Nyzhne Selyshc, RAKU Rahkiv, DRGR DRGR, HORU Horodok, HERR Herculan, HERR Herculan, STNU Starunia, SEV Sevastopol', SEV Sevastopol', BRIU Brid Vitosh, VTS Vitosh, VTS Vitosh, TRPA Tarpa, TRPA Tarpa, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

30 04:28:46.4.1.8, 3.98N-124.68E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.5/37, mbtmp3.8/4, MS3.3/1, Ms1 3.3/1, ms1mx2.5/30, Error ellipse: s-maj=120.3km s-min=23.3km az=67.0, Celebes Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like TGY Tagaytay City, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like PLOST Plostina, TLB Topalu, ISR Istrita, THIG Thig, PCIG PCIG, COIG COIG, TGIG TGIG, CMIG Matias Romero, CVDA Carnavoda, TESR Tescani, LEHL Lehliu, MLR Muntele Rosu, SULA Sulina, RASA Rasa, MRS Mora, SMLR Muntele Rosu, TSSL TSSL, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like VLDV Vladia, PVL Pavlikeni, ELND Elena, ELND Elena, CHRU Chernivitsi, NDNV Novodnistrovsk, NDNV Novodnistrovsk, KSV KSV, NSLU Nyzhne Selyshc, RAKU Rahkiv, DRGR DRGR, HORU Horodok, HERR Herculan, HERR Herculan, STNU Starunia, SEV Sevastopol', SEV Sevastopol', BRIU Brid Vitosh, VTS Vitosh, VTS Vitosh, TRPA Tarpa, TRPA Tarpa, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

MEX 30 04:39:05.4.0.5, 14.69N-92.81W, h6km, 11km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like THIG Thig, PCIG PCIG, COIG COIG, TGIG TGIG, CMIG Matias Romero, CVDA Carnavoda, TESR Tescani, LEHL Lehliu, MLR Muntele Rosu, SULA Sulina, RASA Rasa, MRS Mora, SMLR Muntele Rosu, TSSL TSSL, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like THIG Thig, PCIG PCIG, COIG COIG, TGIG TGIG, CMIG Matias Romero, CVDA Carnavoda, TESR Tescani, LEHL Lehliu, MLR Muntele Rosu, SULA Sulina, RASA Rasa, MRS Mora, SMLR Muntele Rosu, TSSL TSSL, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like THIG Thig, PCIG PCIG, COIG COIG, TGIG TGIG, CMIG Matias Romero, CVDA Carnavoda, TESR Tescani, LEHL Lehliu, MLR Muntele Rosu, SULA Sulina, RASA Rasa, MRS Mora, SMLR Muntele Rosu, TSSL TSSL, RZN Rozhen, SIM Simferopol, MORS Morshin, BUY Buyakuda, ALN Alexandroupoli, UZH Uzhgorod

GUC 30 04:42:15.1.0.8, 37.54S-73.67W, h29km, 5km, ML3.6, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like COCH Cobquecura, COCH COCH, CCHI Chillan, CCHI CCHI, GO05 Huaila, GO05 GO05

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like COCH Cobquecura, COCH COCH, CCHI Chillan, CCHI CCHI, GO05 Huaila, GO05 GO05

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like COCH Cobquecura, COCH COCH, CCHI Chillan, CCHI CCHI, GO05 Huaila, GO05 GO05

UCR 30 04:57:23.0.1.1, 7.51N-83.96W, h20km, 999km, MW3.5, 4C-1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like EDBA Buenos Aires, LCR2 La Lucha 2, HDC Heredia, CVTR Volcan Turrial, JTS Las Juntas de, ARE1 Arenal 1, CEDE Laguna Cedeno, ACON Acopyapa, ESPN Las Esperanzas

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like EDBA Buenos Aires, LCR2 La Lucha 2, HDC Heredia, CVTR Volcan Turrial, JTS Las Juntas de, ARE1 Arenal 1, CEDE Laguna Cedeno, ACON Acopyapa, ESPN Las Esperanzas

Code Station Name Az Az' Phase ID ISC Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like EDBA Buenos Aires, LCR2 La Lucha 2, HDC Heredia, CVTR Volcan Turrial, JTS Las Juntas de, ARE1 Arenal 1, CEDE Laguna Cedeno, ACON Acopyapa, ESPN Las Esperanzas

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like UZH Musomiste, LVV comp=Z,50nm,1.2s, and many others.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SJA 30 05:17:58.8-0.9, 30 08:05:64.744W, h29km, 14km, ML3.0, and many others.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, and many others.







30d 5h

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like DECC Green Verdugo, OSI Osito Audit, PET Petropavlovsk, etc.

2013 SEP

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CMB comp=Z,69nm,1.0s, CMB comp=Z,14.4um,22.0s, GLA Glamis, etc.

1592

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like YBH comp=Z,4.0nm,1.0s, YBH Yreka Blue Hor, YBH Yreka Blue Hor, etc.



30d 5h

Table with columns for station ID, name, time, and various codes. Includes stations like PV16 Nyswonger Mesa, PV03 Paradox Valley, PLID Pearl Lake, etc.

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Table with columns for station ID, name, time, and various codes. Includes stations like CD2, CD2, CD2, etc.

1594

Table with columns for station ID, name, time, and various codes. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), Q24A Divide, etc.

1599

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30d 5h

Table with columns: Station, Frequency, Power, Class, Mode, and various performance metrics. Includes stations like Villa Florida, Winter Ranch, Coldfoot, Ogalla, etc.

Table with columns: Station, Frequency, Power, Class, Mode, and various performance metrics. Includes stations like EROS Data Cent, PUERTO BERRIO, Maddock, Met Memphis-Engin, etc.

Table with columns: Station, Frequency, Power, Class, Mode, and various performance metrics. Includes stations like GOGA Godfrey, GOGA Godfrey, CPCT, G40A, etc.

### 30d 5h

V55A	Taylorville	112.54	61	PKIKP	PKIKP	06 14 26.5	-0.6
V55A	Taylorville	112.54	61	IAMS_20	IAMS_20	07 00 17.8	
H46A	Reed City	112.55	51	PKIKP	PKIKP	06 14 26.5	-0.4
P51A	Williamsport	112.56	57	PKIKP	PKIKP	06 14 26.2	-0.8
P51A	Williamsport	112.56	57	IAMS_20	IAMS_20	06 59 37.1	
S53A	Williamson	112.56	59	PKIKP	PKIKP	06 14 26.7	-0.5
Z58A	St. Stephen	112.64	64	PKIKP	PKIKP	06 14 27.0	-0.3
M49A	Liberty Center	112.65	54	PKIKP	PKIKP	06 14 26.6	-0.5
J47A	Summer	112.72	52	PKIKP	PKIKP	06 14 26.8	-0.4
J47A	Summer	112.72	52	IAMS_20	IAMS_20	06 57 17.2	
T54A	Tazewell	112.73	59	PKIKP	PKIKP	06 14 26.9	-0.7
W56A	Indian Trail	112.74	62	PKIKP	PKIKP	06 14 27.0	-0.5
G45A	Suttons Bay	112.81	50	PKIKP	PKIKP	06 14 26.7	-0.6
G45A	Suttons Bay	112.81	50	IAMS_20	IAMS_20	06 55 14.6	
X57A	Johnson Farm,	112.86	63	PKIKP	PKIKP	06 14 27.1	-0.7
ACSO	Alum Creek Sta	112.89	56	PKIKP	PKIKP	06 14 27.1	-0.6
U55A	TA2, Sparta	112.91	60	PKIKP	PKIKP	06 14 27.1	-0.8
R53A	Hurricane	112.93	58	PKIKP	PKIKP	06 14 27.0	-0.8
R53A	Hurricane	112.93	58	IAMS_20	IAMS_20	06 59 58.1	
H46A	File Lake	112.93	51	PKIKP	PKIKP	06 14 27.0	-0.6
Q52A	Bidwell	112.94	57	PKIKP	PKIKP	06 14 27.1	-0.7
N50A	Nevada	112.97	55	PKIKP	PKIKP	06 14 27.1	-0.7
L49A	Milan	113.03	54	PKIKP	PKIKP	06 14 27.5	-0.4
K48A	Perry	113.04	53	PKIKP	PKIKP	06 14 27.5	-0.3
V56A	Mocksville	113.06	61	PKIKP	PKIKP	06 14 27.8	-0.3
V56A	Mocksville	113.06	61	IAMS_20	IAMS_20	06 54 22.8	
O51A	Pataskala	113.13	56	PKIKP	PKIKP	06 14 27.4	-0.7
F45A	CMU Biological	113.14	50	PKIKP	PKIKP	06 14 27.7	-0.2
AAM	Ann Arbor	113.17	54	PKIKP	PKIKP	06 14 27.8	-0.3
AAM	Ann Arbor	113.17	54	IAMS_20	IAMS_20	06 54 07.3	
W57A	Gilead	113.20	62	PKIKP	PKIKP	06 14 28.1	-0.3
S54A	Dingess, Beckl	113.20	59	PKIKP	PKIKP	06 14 27.8	-0.5
E44A	Grand Marais A	113.21	49	IAMS_20	IAMS_20	07 00 38.0	
I47A	Gladwin	113.21	52	PKIKP	PKIKP	06 14 27.5	-0.6
I47A	Gladwin	113.21	52	IAMS_20	IAMS_20	06 54 39.2	
P52A	Corning	113.28	57	PKIKP	PKIKP	06 14 27.6	-0.8
W55A	Pulaski	113.34	60	PKIKP	PKIKP	06 14 28.0	-0.7
MMO	Urumqi	113.35	308	PKP	PKIKP	06 14 26.5	-2.0
WMQ				PP	SS	06 15 18.3	-1.7
WMQ				PP	SS	06 31 04.3	+0.7
WMQ				AMB	AMB		
WMQ	comp=Z,920nm,6.1s						
WMQ	comp=Z,2um,22.3s			LR	LR		
WMQ	comp=Z,1um,18.9s			LR	LR		
WMQ	comp=Z,7um,24.1s			LR	LR		
U56A	King	113.35	61	PKIKP	PKIKP	06 14 27.9	-0.7
GLMI	Graying	113.42	51	PKIKP	PKIKP	06 14 28.0	-0.6
GLMI	Graying	113.42	51	IAMS_20	IAMS_20	06 55 45.5	
Q53A	Leroy	113.44	58	PKIKP	PKIKP	06 14 28.2	-0.6
G46A	Petoskey	113.44	50	PKIKP	PKIKP	06 14 27.8	-0.7
J48A	Bridge Port	113.44	52	PKIKP	PKIKP	06 14 28.1	-0.5
J48A	Bridge Port	113.44	52	IAMS_20	IAMS_20	07 04 42.4	
X58A	Rowland	113.47	63	PKIKP	PKIKP	06 14 28.0	-0.8
BDFB	Brasilia	113.47	127	PKIKP	PKIKP	06 14 29.8	+0.2
BDFB	Brasilia	113.47	127	PKIKP	PKIKP	06 14 29.8	+0.2
BDFB	Brasilia	113.47	127	PKIKP	PKIKP	06 25 13.3	+0.4
K49A	Clarkson	113.49	53	PKIKP	PKIKP	06 14 27.9	-0.8
N51A	Ashland	113.57	55	PKIKP	PKIKP	06 14 28.3	-0.7
R54A	Victor	113.58	59	PKIKP	PKIKP	06 14 27.9	-1.2
Y59A	Loris	113.61	63	PKIKP	PKIKP	06 14 28.5	-0.7
H47A	Mio	113.62	51	PKIKP	PKIKP	06 14 28.6	-0.3
V57A	Coltrane Farms	113.64	61	PKIKP	PKIKP	06 14 28.8	-0.4
PTGA	Pitinga	113.64	106	PKIKP	PKIKP	06 14 29.8	-0.1
PTGA	Pitinga	113.64	106	PKIKP	PKIKP	06 10 36.5	-0.8
BLA	Blacksburg	113.64	60	PKIKP	PKIKP	06 14 28.6	-0.6
BLA	Blacksburg	113.64	60	IAMS_20	IAMS_20	06 59 35.0	
O52A	Adamsville	113.67	56	PKIKP	PKIKP	06 14 28.2	-0.9
L50A	Kingsville	113.67	54	PKIKP	PKIKP	06 14 28.2	-0.8
PLIO	Pelee Island,	113.69	54	PKIKP	PKIKP	06 14 27.9	-1.2
W58A	Raeford	113.73	62	PKIKP	PKIKP	06 14 28.7	-0.6
P53A	Whipple	113.76	57	PKIKP	PKIKP	06 14 29.0	-0.4
S55A	Lewisburg	113.79	59	PKIKP	PKIKP	06 14 28.9	-0.6
M48A	Sherman Twp	113.81	52	PKIKP	PKIKP	06 14 28.9	-0.4
I51A	Elyria	113.86	55	PKIKP	PKIKP	06 14 28.6	-0.8
T56A	Rocky Mt	113.87	60	PKIKP	PKIKP	06 14 29.1	-0.5
Q54A	Coxs Mills	113.98	58	PKIKP	PKIKP	06 14 29.4	-0.4
Q54A	Coxs Mills	113.98	58	IAMS_20	IAMS_20	07 00 30.9	
N52A	Fox McGinn's Farm,	114.02	56	PKIKP	PKPKdf	06 14 28.7	-1.1
X59A	McDuffie Farm,	114.04	63	PKIKP	PKPKdf	06 14 29.2	-0.7
G47A	Hillman	114.05	51	PKIKP	PKPKdf	06 14 29.3	-0.3
K50A	Casco	114.06	53	IAMS_20	IAMS_20	06 54 33.7	
V58A	Windy Hill, Pi	114.10	62	PKIKP	PKPKdf	06 14 29.6	-0.5
V58A	Windy Hill, Pi	114.10	62	IAMS_20	IAMS_20	06 55 05.3	
O53A	New Philadelph	114.16	56	PKIKP	PKPKdf	06 14 29.5	-0.6
E46A	Sault Ste Mari	114.17	49	PKIKP	PKPKdf	06 14 29.1	-0.7
E46A	Sault Ste Mari	114.17	49	IAMS_20	IAMS_20	06 55 29.4	
U57A	Blanch	114.17	61	PKIKP	PKPKdf	06 14 29.4	-0.8

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H48A	Harrisville	114.25	51	PKIKP	PKPKdf	06 14 29.7	-0.4
H48A	Harrisville	114.25	51	IAMS_20	IAMS_20	06 54 47.6	
R55A	Marlinton	114.25	59	PKIKP	PKPKdf	06 14 29.9	-0.5
I49A	Point Hope	114.32	52	PKIKP	PKPKdf	06 14 30.1	-0.2
I49A	Point Hope	114.32	52	IAMS_20	IAMS_20	07 07 27.6	
POO	Poona	114.33	278	ex	PP	06 05 13.0	+1.1
SC01	Santiago de lo	114.41	81	IAMS_20	IAMS_20	06 53 10.9	
T57A	Hurt	114.44	60	PKIKP	PKPKdf	06 14 30.3	-0.3
T57A	Hurt	114.44	60	IAMS_20	IAMS_20	06 57 38.9	
S56A	Natural Bridge	114.45	59	PKIKP	PKPKdf	06 14 30.2	-0.5
P54A	Burton	114.46	57	PKIKP	PKPKdf	06 14 29.9	-0.7
D46A	Sault St. Mari	114.52	49	PKIKP	PKPKdf	06 14 29.9	-0.6
X60A	Albert Glenn T	114.52	63	PKIKP	PKPKdf	06 14 30.2	-0.6
Q55A	Buckhannon	114.54	58	PKIKP	PKPKdf	06 14 30.4	-0.5
R59A	Sutherland	114.55	198	IAMS_20	IAMS_20	07 02 08.6	
N53A	Lisbon	114.62	56	PKIKP	PKPKdf	06 14 30.6	-0.3
O54A	Avella	114.74	57	PKIKP	PKPKdf	06 14 30.8	-0.4
U58A	Oxford	114.75	61	PKIKP	PKPKdf	06 14 30.7	-0.6
V59A	Middlesex	114.75	62	PKIKP	PKPKdf	06 14 30.7	-0.6
K51A	Iona Station	114.81	54	PKIKP	PKPKdf	06 14 31.0	-0.2
R56A	Bull Pasture M	114.83	59	PKIKP	PKPKdf	06 14 31.0	-0.5
E47A	Iron Bridge	114.87	49	PKIKP	PKPKdf	06 14 30.4	-0.8
W60A	Pink Hill	114.90	63	PKIKP	PKPKdf	06 14 31.1	-0.5
P55A	Reedsville	114.90	58	PKIKP	PKPKdf	06 14 30.3	-1.2
S57A	Dark Hollow, R	114.93	60	PKIKP	PKPKdf	06 14 30.9	-0.7
S57A	Dark Hollow, R	114.93	60	IAMS_20	IAMS_20	06 59 12.4	
MCWV	Mont Chateau	114.94	57	PKIKP	PKPKdf	06 14 30.9	-0.7
MCWV	Mont Chateau	114.94	57	IAMS_20	IAMS_20	07 01 02.2	
T58A	Grand View Acr	114.95	61	PKIKP	PKPKdf	06 14 31.0	-0.7
M53A	W Miller and	114.96	55	PKIKP	PKPKdf	06 14 30.9	-0.7
F48A	Evansville	115.09	50	PKIKP	PKPKdf	06 14 31.1	-0.6
BASO	Ashfield	115.14	52	PKIKP	PKPKdf	06 14 31.2	-0.6
D47A	Chapleau	115.18	49	PKIKP	PKPKdf	06 14 31.4	-0.4
Q56A	Snyder Ridge,	115.20	58	PKIKP	PKPKdf	06 14 31.6	-0.5
Q56A	Snyder Ridge,	115.20	58	IAMS_20	IAMS_20	06 17 01.9	-0.3
N54A	Moraine State	115.28	56	PKIKP	PKPKdf	06 14 31.8	-0.4
N54A	Moraine State	115.28	56	IAMS_20	IAMS_20	06 55 40.2	
U59A	Littleton	115.30	61	PKIKP	PKPKdf	06 14 31.6	-0.7
BRCO	Bruce Peninsula	115.36	52	PKIKP	PKPKdf	06 14 31.9	-0.4
K52A	Tilsonburg	115.38	54	PKIKP	PKPKdf	06 14 31.8	-0.5
L53A	Girard	115.42	55	PKIKP	PKPKdf	06 14 31.8	-0.6
R57A	Stanardsville	115.44	59	PKIKP	PKPKdf	06 14 31.7	-0.9
V49A	Sandfield	115.45	50	PKIKP	PKPKdf	06 14 31.5	-0.8
F60A	Jim Taylor Roa	115.50	62	PKIKP	PKPKdf	06 14 32.0	-0.7
I51A	Listowel	115.50	53	PKIKP	PKPKdf	06 14 32.1	-0.4
O55A	Ligonier	115.52	57	PKIKP	PKPKdf	06 14 32.1	-0.6
S58A	Poland Farm, P	115.55	60	PKIKP	PKPKdf	06 14 32.2	-0.5
S58A	Poland Farm, P	115.55	60	PKIKP	PKPKdf	06 14 32.5	-0.2
E48A	Lockover	115.60	50	PKIKP	PKPKdf	06 14 31.9	-0.7
P56A	Dayton Farm, R	115.62	58	PKIKP	PKPKdf	06 14 32.2	-0.7
TOBO	Robertson, Bru	115.63	51	PKIKP	PKPKdf	06 14 32.1	-0.6
BMRO	Merriville Lake	115.63	52	PKIKP	PKPKdf	06 14 32.1	-0.6
ERPA	Erie	115.67	55	PKIKP	PKPKdf	06 14 32.4	-0.5
ERPA	Erie	115.67	55	IAMS_20	IAMS_20	06 59 51.4	
M54A	Oil Creek Stat	115.69	56	PKIKP	PKPKdf	06 14 32.4	-0.6
J52A	Paris	115.70	53	PKIKP	PKPKdf	06 14 32.7	-0.2
T59A	Double "B" Far	115.70	61	PKIKP	PKPKdf	06 14 32.3	-0.8
T59A	Double "B" Far	115.70	61	IAMS_20	IAMS_20	06 55 40.4	
Q57A	Strasburg	115.77	58	PKIKP	PKPKdf	06 14 32.8	-0.4
R58B	Mineral	115.80	60	PKIKP	PKPKdf	06 14 32.4	-0.9
R58B	Mineral	115.80	60	IAMS_20	IAMS_20	06 59 39.0	
R58A	Rapidan	115.82	59	PKIKP	PKPKdf	06 14 32.3	-1.0
ORIV	Ortupano	115.90	95	eP	PP	06 15 40.2	+1.9
ORIV	Ortupano	115.90	95	e	PP	06 25 28.0	+8.1
N55A	Mariano Center	115.94	56	PKIKP	PKPKdf	06 14 32.6	-0.9
TYNO	Tyneside	116.07	54	PKIKP	PKPKdf	06 14 33.2	-0.5
O56A	Blue Knob Stat	116.07	57	PKIKP	PKPKdf	06 14 33.4	-0.4
O56A	Blue Knob Stat	116.07	57	PKIKP	PKPKdf	06 14 33.7	-0.1
ACTO	Acton	116.10	53	PKIKP	PKPKdf	06 14 33.2	-0.5
S59A	Meacherville	116.16	60	PKIKP	PKPKdf	06 14 33.3	-0.6
L54A	Seclairville	116.18	55	PKIKP	PKPKdf	06 14 33.4	-0.5
CLWO	Collingwood	116.20	52	PKIKP	PKPKdf	06 14 33.4	-0.5
P57A	Homestead Farm	116.21	58	IAMS_20	IAMS_20	07 01 42.3	
CBN	Corbin Frederi	116.25	60	PK			

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like N59A State Game Lan, PECO Prince Edward, H55A Tweed, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KSH comp=Z,5um,15.4s, TRY Troy, E56A St. Veronique, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like RML Almayashu, EKS2 Erkin-Say, E60A Ste Eustache de, etc.





KONO	Kongsberg	150.74	352	ePKPbc	PKPbc	06 15 42.7	+0.4
KONO	KONO			eSS	PP	06 19 19.1	+0.1
KONO	Kongsberg	150.74	352	PKPbc	PKPbc	06 15 42.2	+0.2
KONO	Kongsberg	150.74	352	IAMS_20	IAMS_20	07 18 46.7	
comp-Z,5um,22.0s							
ODDI	Odde	150.78	355	ePKPdf	PKPdf	06 15 36.7	-0.2
ODDI	Odde	150.78	355	ePKPbc	PKPbc	06 15 42.6	+0.1
ODDI	Odde			IvMBBB		06 15 43.5	
comp-Z,3um,1.2s							
PABE	Paberze	150.78	334f	ePKPdf	PKPdf	06 15 36.7	-0.2
PABE	Paberze			Iamb	Iamb	06 15 44.2	
comp-Z,970nm,1.0s							
PABE	Maan	150.83	278	ePP	PP	06 19 13.6	-5.9
HJNL	Wala	150.83	280	ePKPdf	PKPdf	06 15 38.6	+0.6
WALJ	Wala	150.83	280	ePKPdf	PKPdf	06 15 38.6	+0.6
JDRJ	Darawesh	150.93	279	ePKPdf	PKPdf	06 15 38.4	+0.2
BRBR	Barbar	151.00	284	ePKPdf	PKPdf	06 15 38.7	+0.3
BNN	Bunyan	151.04	295	ePKPdf	PKPdf	06 15 37.4	-0.7
SIM	Simeropol'	151.07	308	ePKIKP	PKIKP	06 15 44.6	+0.4
SIM	SIM			e		06 15 54.8	
comp-Z,214nm,0.8s				pmx	pmx		
DIKM	Dikmen	151.08	301	eP	PKPdf	06 15 37.3	-0.6
SHMJ	Saham	151.10	283	eP	PKPdf	06 15 45.1	+0.5
PBUR	Paburg	151.12	336f	eP	PKPdf	06 15 36.9	-0.6
PBUR	Paburg			Iamb	Iamb	06 15 44.8	
comp-Z,806nm,0.9s							
PBUR	Chbeba	151.17	284	ePP	PP	06 19 17.9	-3.6
SHBL	Ceyhan	151.24	292	eP	PKPdf	06 15 38.5	0.0
CEYT	Blasjo	151.27	355	ePKPdf	SKPdf	06 19 07.4	-0.7
BLSS	BLSS			eSKPdf	SKPdf	06 19 22.3	+0.2
BLSS	BLSS			ePP	PP	06 15 41.5	+0.5
AQBJ	Aqaba	151.28	276	ePKPbc	PKPbc	06 15 37.8	-0.8
BHFI	Bhannes	151.28	285	eP	PKPdf	06 15 37.8	-0.8
BHL	Mount Harif	151.35	277	eP	PKPdf	06 15 37.3	-1.4
EIL	Eilat	151.37	276	PKP	PKPdf	06 15 38.6	-0.1
comp-Z,24nm,1.1s,baaz=256,slow=1.4,SNR=1.9							
EIL	Eilat	151.37	276	PKPbc	PKIKP	06 15 45.5	+0.3
comp-Z,265nm,1.1s,baaz=99,slow=1.2,SNR=20							
EIL	Yozgat	151.35	297	ePKPbc	PKPbc	06 15 45.3	+0.5
YOZ	Yozgat	151.35	297	ePKPdf	PKPdf	06 15 37.6	-1.0
MMLI	Mount Malkishu	151.36	282	eP	PKPdf	06 15 38.6	-0.1
AKKO	Adana	151.46	292	eP	PKIKP	06 15 45.4	+0.2
SEVA	Sevastopol	151.49	308	eP	PKPbc	06 15 45.1	+0.5
COAL	Corum-Alaca	151.53	298	eP	PKPdf	06 15 39.7	+0.9
SIRC	Sirc	151.53	298	ePKPbc	PKPbc	06 15 39.8	+1.0
AKASG	Malin Array Be	151.54	322	ePKPbc	PKPbc	06 15 37.0	-1.2
comp-Z,12nm,0.8s,baaz=50,slow=1.6,SNR=33							
AKASG	Malin Array Be	151.54	322	PKPbc	PKPbc	06 15 44.1	-0.4
comp-Z,272nm,0.8s,baaz=46,slow=2.7,SNR=27							
AKASG	Malin Array Be	151.54	322	ePKPdf	PKPdf	06 15 38.5	+0.3
AKASG	AKASG			ePKPbc	PKPbc	06 15 44.4	-0.1
AKASG	AKASG			ePKPbc	PKPbc	06 15 51.8	-1.3
AKAB	Malin Array Si	151.54	322	PKIKP	PKPbc	06 15 38.7	+0.4
AKBB	Malin Array Si	151.54	322	ePKPdf	PKPdf	06 15 52.9	+0.2
AKBB	Malin Array Si	151.54	322	PKPbc	PKPbc	06 15 44.4	-0.1
AKBB	Malin Array Si	151.54	322	ePKPbc	PKPbc	06 15 52.9	+0.2
KMTY	Karatas	151.55	291	eP	PKPdf	06 15 38.2	-0.6
KRMV	Karmoy	151.56	356	ePKPbc	PKPbc	06 15 45.4	+0.3
KARA	Karaisali	151.70	295	ePKPbc	PKPbc	06 15 38.5	+0.6
H07S1	FL0RES T-PHASIS	151.83	63	PKPbc	PKIKP	06 15 41.9	-1.4
SACV	Santiago Ispan	151.89	119	PKPbc	PKIKP	06 15 47.6	+0.9
SACV	Santiago Ispan	151.89	119	IAMS_20	IAMS_20	07 14 12.0	
comp-Z,5um,22.0s							
BZK	Bokurtz	151.94	302	eP	PKPbc	06 15 45.3	+0.4
GULE	Gulek	152.00	292	eP	PKIKP	06 15 47.8	+1.2
CDAG	Cicekdag	152.08	297	eP	PKPbc	06 15 45.9	-0.4
BIGH	Upper Bighouse	152.11	6	eP	PKPdf	06 15 22.2	-1.7
SUW	Suwali	152.20	332	ePKIKP	PKPbc	06 15 46.1	+0.2
SUW	Suwali	152.20	332	ePKPbc	PKPbc	06 15 46.3	+0.2
HOMB	Homborsund	152.22	352	ePKPbc	PKPbc	06 15 46.3	+0.4
MERS	Mersin	152.22	351	ePKPbc	PKPbc	06 15 38.8	-1.1
SNART	Snartemo	152.28	354	ePKPbc	PKPbc	06 15 46.3	+0.4
ILGA	Ilgazi	152.34	300	eP	PKPdf	06 15 39.2	-0.9
DELI	KIRIKKALE	152.37	298	eP	PKPbc	06 15 45.9	-1.0
KEB	Kehren-Mersin	152.89	290	eP	PKPbc	06 15 40.2	+0.7
KERG	Konya-Eregli	152.51	293	eP	PKPbc	06 15 47.4	+0.1
KIZK	Mersin	152.55	291	eP	PKPbc	06 15 46.4	-0.8
EREN	Erenkoy	152.55	288	eP	PKPbc	06 15 47.7	+0.4
EREN	Erenkoy	152.55	288	eP	PKPdf	06 15 39.3	-1.0
YAYK	Yaylak	152.61	296	eP	PKPdf	06 15 39.1	-1.2
BR101	Keskin Array S	152.63	298	eP	PKPbc	06 15 46.5	-1.0
BR101	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 47.1	-0.4
BR131	Keskin Array S	152.63	298	PKIKP	PKPbc	06 15 39.6	-0.9
BR131	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 47.1	-0.4
BR131	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 47.1	-0.4
comp-Z,8.1nm,1.0s,baaz=116,slow=2.9,SNR=28							
BRTR	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 47.1	-0.4
BRTR	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 39.9	-0.6
BRTR	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 46.5	-1.1
comp-Z,80nm,1.0s,baaz=136,slow=3.0,SNR=66							
BRTR	Keskin Array S	152.63	298	PKPbc	PKPbc	06 15 46.5	-1.1
SILI	Silikfe-Mersin	152.73	290	eP	PKPbc	06 15 39.9	-0.7
SERE	Serefikochisa	152.80	296	eP	PKPbc	06 15 39.9	-1.7
KLNR	Kalinringad	152.85	336cePKIKP	PKPbc	PKPbc	06 15 39.9	-0.2
KURC	Kurucalis-Bar	152.88	302	eP	PKPbc	06 15 38.7	-1.9
KEBE	Keber-Mersin	152.89	290	eP	PKPbc	06 15 40.2	+0.7
SULT	Sultanhani-AKS	152.92	294	eP	PKPbc	06 15 39.2	-1.7
IKL	Isikli	152.93	290	eP	PKPbc	06 15 39.7	-1.1
GULM	MERSIN_Gulnar	153.04	290	eP	PKPbc	06 15 47.0	-1.3
KPL	Ploctkon	153.05	9	eP	PKPdf	06 15 23.4	-1.7
AFSR	Alar-Bala (An	153.10	297	eP	PKPdf	06 15 40.3	-0.8
TEFT	Tevketli-Mers	153.15	298	eP	PKPbc	06 15 39.7	+1.5
ANTO	Ankara	153.25	298	PKIKP	PKPbc	06 15 48.8	0.0
ANTO	Ankara	153.25	298	PKPbc	PKPbc	06 15 48.8	0.0
ANTO	Ankara	153.25	298	ePKPbc	PKPbc	06 15 58.7	
KKUL	Konya-Kulu	153.26	297	eP	ePKPbc	06 15 58.7	-1.5
BERE	Beretek-Mersin	153.29	290	eP	PKPbc	06 15 48.3	-0.6
CHBY	Chibanelyi	153.37	295	eP	PKPbc	06 15 40.4	-1.2
TEKE	Tekeli-Mersin	153.39	290	eP	PKPbc	06 15 39.9	-1.6
SORM	Soroca	153.39	318	ePKIKP	PKPbc	06 15 40.0	-1.1
SORM	Soroca	153.39	318	ePKPbc	PKPbc	06 15 40.0	-1.1
Lefka	Lefka	153.41	298	eP	PKPbc	06 15 40.7	-1.4
KIS	Kishinev	153.68	315	ePKPbc	PKPbc	06 15 42.0	+0.5
comp-Z,230nm,1.8s							
KIS	Kishinev	153.68	315	ePKS	PKPbc	06 19 15.0	
KIS	Kishinev	153.68	315	ePP	PP	06 19 30.0	-6.6
comp-Z,2um,22.0s							
KIS	Kishinev	153.68	315	PKIKP	PKPbc	06 15 42.0	+0.5
KIS	Kishinev	153.68	315	pmx	pmx		
comp-Z,230nm,1.8s							
MILM	Milestii Mici	153.72	315	eP	PKPbc	06 15 49.0	-0.4
DRUM	Mains of Drumt	153.80	5	eP	PKPbc	06 15 22.8	-1.9
LADK	Ladik-KONYA	153.82	295	eP	PKPbc	06 15 40.6	-1.6
KONT	Konya-Tatoy	153.86	294	eP	PKPbc	06 15 40.4	-1.8
MUUD	Monsted Ugrnd	153.90	351	PKIKP	PKPbc	06 15 41.0	-0.5
comp-Z,6um,22.0s							
MUUD	Monsted Ugrnd	153.90	351	eP	PKPbc	06 15 41.0	-0.5
KHDH	Kadinhani	153.97	295	eP	PKPbc	06 15 41.6	-0.8
BSD	Bornholm Skovb	154.02	343	eP	PKPbc	06 15 41.0	-0.7
BSD	Bornholm Skovb	154.02	343	ePKPbc	PKPbc	06 15 41.0	-0.7
GAZI	Gazipasa	154.03	290	eP	PKPbc	06 15 47.4	-3.1
COP	Copenhagen	154.07	346	ePKIKP	PKPbc	06 15 42.2	+0.4
COP	Copenhagen	154.07	346	ePKIKP	PKPbc	06 15 42.2	+0.4
comp-Z,4um,22.0s							
COP	Copenhagen	154.07	346	eP	PKPbc	06 15 42.2	+0.4
KIZT	Kizilcaln	154.11	296	eP	PKPbc	06 15 41.5	-1.1
LAWF	Loch Awe, Argy	154.15	298	eP	PKPbc	06 15 41.9	-1.4
INVG	Invergelde, C	154.13	7	eP	PKPbc	06 15 25.7	-1.6
ROSA	Rosais	154.24	64	ePKPbc	PKPbc	06 15 51.0	+0.1
SVRH	Sivrihisar-ESK	154.29	298	eP	PKPbc	06 15 40.6	-2.2
PGRA	Graciaca	154.40	63	ePKPbc	PKIKP	06 15 52.4	+2.4
KEPZ	Antalya-Kepez	154.56	292	eP	PKPbc	06 15 41.5	-1.7
CFteier	Esaki	154.65	298	eP	PKPbc	06 15 41.9	-1.4
PGBU	Gleniferbraes	154.69	8	eP	PKPbc	06 15 25.1	-1.8
EDI	Edinburgh	154.72	7	eP	PKPbc	06 15 25.7	-1.7
LVV	L'vov	154.74	325	ePKIKP	PKPbc	06 15 42.0	-1.0
LVV	L'vov	154.74	325	e		06 19 46.0	
LVV	L'vov</						

30d 6h

Table with columns: Station, Frequency, Mode, Power, SNR, and other technical details. Includes stations like TREC, MODS, STRO, IJA, OLDB, THAS, ZKR, NKC, etc.

2013 SEP

Table with columns: Station, Frequency, Mode, Power, SNR, and other technical details. Includes stations like KOME, KTHA, OBKA, PHP, KBA, KBA, etc.

1600

Table with columns: Station, Frequency, Mode, Power, SNR, and other technical details. Includes stations like AQU, BNI, BNI, BSSB, SSB, SSB, etc.

MEX 30 05:57:10.51-0.15, 16:53N-95:37W, h5km, MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUIG, VHO, CMIG, etc.

PGC 30 06:09:22.74-0.05, 55:46N-135:03W, h5km, ML3.3/5, 178km south of Sitka, AK Off Coast Of Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRAK, NDB, NDB, etc.

ISC 30 06:09:22.62-0.05, 55:47N-135:33W, 0.1, h15km, 8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRAK, NDB, NDB, etc.

NNC 30 06:19:47.61-1.6, 37:26N-71:17E, h0km, mb4.4, mpv4.0, 4C-1D, Error ellipse: s-maj=17.4km s-min=11.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, UCH, EK2, etc.

ISCJB 30 06:20:17.5:0.9,20:63S:0:03:69:12W:0:07,h113km,9km,

Error ellipse: s-maj=11.5km s-min=4.3km az=2.4

GUC 30 06:20:17.5:0.9,20:63S:69:12W,h106km,7km,ML3.8

SJA 30 06:20:17.0:1.2,20:62S:69:18W,h113km,7km,ML3.2, MW3.2

ISC 30 06:20:18.0:1.6,20:62S:0:03:69:13W:0:06,h110km,11km,n23,0:054/46,9C-1D,Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like IPOC Station P, Chuzmiza, IPOC Station P, etc.

ISC 30 06:29:38.3:2.8,31:10S:177:81W,h0km,m4,3/4,

mb1 4.4/5,mb1mx4.0/30,mbtmp4.3/5,ML3.2/1, Error ellipse: s-maj=60.5km s-min=24.3km az=114.0

ISCJB 30 06:29:43.4:0.9,31:06S:0:06:178:0W:0:2,h46km,

mb4,2/4, Error ellipse: s-maj=20.6km s-min=6.7km az=14.7

NEIC 30 06:29:44.8:1.7,30:89S:0:07:178:1W:0:1,h40km,8km, mb4,8/13

ISC 30 06:29:44.9:0.9,30:92S:0:07:178:0W:0:2,h46km,n31,

r1545/32,mb4.7/10,1C,Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Raoul Island, Matakaoa Point, Urewera, etc.

ISCJB 30 06:32:01.3:0.3,61:91N:0:01:150:90W:0:03,h12km,2km,

mb3.5/9, Error ellipse: s-maj=2.4km s-min=2.1km az=173.6

AEIC 30 06:32:02.2:0.0,61:92N:0:02:150:90W:0:05,h9km,2km, ML3.5

NEIC 30 06:32:02.0:1.9,61:92N:0:02:150:93W:0:04,h10km,5km

IDC 30 06:32:06.7:4.4,62:13N:151:07W,h51km,37m,mb3,3/9,

mb1 3.6/11,mb1mx3.4/57,mbtmp3.5/11,ML3.1/2, Error ellipse: s-maj=33.2km s-min=16.5km az=44.0

ISC 30 06:32:02.2:0.9,61:91N:0:02:150:95W:0:02,h17km,6km,

n128,r1541/180,mb3.6/9,Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Skwentna, Susitna One, Capps Glacier, etc.

ISCJB 30 06:52:21.2:2.6,30:97S:0:02:177:8W:0:2,h35km,1km,

mb4,6/13

NEIC 30 06:52:21.2:2.6,30:97S:0:02:177:8W:0:2,h35km,1km,

mb4,6/13

IDC 30 06:52:27.0:2.5,30:66S:178:13W,h65km,23km,mb4,1/4,

mb1 4.2/4,mb1mx3.8/25,mbtmp4.4/4,MS4.7/2,MS1 4.7/2,

ms1mx0.3/6, Error ellipse: s-maj=27.1km s-min=2.1km az=119.0

ISC 30 06:52:23.0:0.7,30:92S:0:06:177:9W:0:1,h46km,n51,

r1577/44,mb4.6/10,1C,Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Raoul Island, Urewera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like DAWY, BYAR, HMT, etc.

IDC 30 06:51:20.8:1.4,23:47S:66:75W,h178km,21km,mb3,2/2,

mb1 3.3/7,mb1mx3.1/28,mbtmp3.7/7, Error ellipse: s-maj=26.9km s-min=21.1km az=100.0

SJA 30 06:51:20.5:0.8,23:33S:66:87W,h218km,9km,ML2.9,

MW3.5

ISCJB 30 06:51:21.3:0.5,23:41S:0:06:66:97W:0:04,h208km,5km,

mb3,4/2, Error ellipse: s-maj=9.6km s-min=5.3km az=17.9

GUC 30 06:51:24.2:0.5,23:14S:67:00W,h173km,70km,ML4.1,

ISC 30 06:51:21.5:0.9,23:46S:0:07:66:96W:0:04,h203km,8km,

n29,r1946/40,5C-1D,Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HJA, HMA, SLA, etc.

ISCJB 30 06:52:20.3:0.7,31:05S:0:04:177:8W:0:1,h46km,

mb4,3/4,MS4.7/2, Error ellipse: s-maj=14.6km

NEIC 30 06:52:21.2:2.6,30:97S:0:02:177:8W:0:2,h35km,1km,

mb4,6/13

IDC 30 06:52:27.0:2.5,30:66S:178:13W,h65km,23km,mb4,1/4,

mb1 4.2/4,mb1mx3.8/25,mbtmp4.4/4,MS4.7/2,MS1 4.7/2,

ms1mx0.3/6, Error ellipse: s-maj=27.1km s-min=2.1km az=119.0

ISC 30 06:52:23.0:0.7,30:92S:0:06:177:9W:0:1,h46km,n51,

r1577/44,mb4.6/10,1C,Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Raoul Island, Urewera, etc.

30Z 8h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RPD, DZM, STKA, etc.

KRSC 30 07:02:11.2.1.0.5101N:158.14E, h43km, 13km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KDTR, PAU, RUS, etc.

TRN 30 07:05:14.8, 12.66N:58.64W, h109km, MD3.7

ISC 30 07:05:14.0.3.4, 12.64N:0.07:58.6W:0.2, h10km, n17, +1549/25, North Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BBGH, BHC, TOSP, etc.

ISC 30 07:10:44.1.0.9.30:88S:178.17W, h0km, mb4.0/6, mb1 4.2/7, mb1mx3.9/40, mbtmp4.1/7, ML3.7/1, Error ellipse: s-maj=25.9km s-min=20.1km az=120.0

NEIC 30 07:10:47.8.2.6.30:76S:0.06:177.9W:0.2, h35km, 1km, mb4.0/7

ISC 30 07:10:49.6.0.7, 30:85S:0.07:178.1W:0.1, h46km, n45, +1591/47, mb4.3/10, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RAO, URZ, etc.

2015 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HIZ, TUWZ, THZ, etc.

GUC 30 07:12:37.9.0.6, 35:70S:73.45W, h21km, 9km, ML3.8, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like COCH, CCSP, etc.

NEIC 30 07:27:57.6.1.9, 19:25S:0.1:172.99W:0.10, h30km, 8km, mb4.2/8

ISC 30 07:28:01.6.7.8, 18:51S:174.40W, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/30, mbtmp3.8/3, Error ellipse: s-maj=334.1km s-min=41.4km az=142.0

ISC 30 07:27:55.4.0.7, 18:49S:0.08:172.96W:0.07, h28km, n15, +132/15, mb4.2/5, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DZM, URZ, etc.

BJI 30 08:16:06.5.0.0, 49:67N:28.86W, h6km, mb5.2/50, mb5.5/29, MS5.5/30, MS7.5/20

MOS 30 08:16:07.8.0.9, 49:44N:28.54W, h14km, mb5.4/147, MS5.1/62, Error ellipse: s-maj=5.1km s-min=4.2km az=137.1

ISC 30 08:16:07.9.0.4, 49:45N:28.54W, h0km, mb4.8/48, mb1 4.9/50, mb1mx4.8/55, mbtmp4.8/50, ML4.5/2, MS5.0/48, MS1 5.0/48, ms1mx4.9/56, Error ellipse: s-maj=11.2km s-min=8.2km az=178.0

ISCJB 30 08:16:08.40.1, 49:50N:0.02:28.58W:0.01, h17km, mb5.1/217, MS5.1/125, Error ellipse: s-maj=3.0km s-min=1.2km az=175.0

NEIC 30 08:16:09.1.1.5, 49:50N:0.08:28.5W:0.1, h10km, 1km, mb5.4/55, Ms 20.5/3470, Mw5.5(GCMT)

IGIL 30 08:16:09.3, 49:50N:28.49W, h10km, mb5.3

NEIC 30 08:16:11, 49:50N:28.33W, h12km, Moment Tensor Solution. Moment tensor: Scale 1071Nm; Mr=2.18; Mtheta=0.1; Mphi=2.17; Mtheta=0.25; Mphi=0.19; Msr=0.54; Fault plane solution: M2.26000x1017 NP1.355.000000, 552.000000, lambda-99.000000. NP2.2.1923.000000, lambda-78.870000. Principal axes: T 2.2463, P1g7.000000, Azm94.000000; N 0.0342, P2g7.000000; Azm3.000000; P 2.2055, P1g9.000000, Azm227.000000, Azm233W:0.01, h12km, MW5.5/141, Moment Tensor Solution. Scale 1071Nm; Mr=2.12; Mtheta=0.04; Mphi=0.28; Mtheta=0.2; Mphi=0.35; 11; Mtheta=0.16; Mphi=0.78; 09; Best double couple: Ms=2.27400x1017 NP1.355.000000, 552.000000, lambda-101.000000. NP2.2.1943.000000, 536.000000, lambda-74.000000. Principal axes: T 2.2260, P1g10.000000, Azm93.000000; N 0.0900, P1g9.000000, Azm1.000000; P -2.3210, P1g76.000000, Azm229.000000; nstia refers to body waves, cutoff=40s. nstia refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 30 08:16:10.4.0.2, 49:49N:0.04:28.55W:0.03, h17km, n1715, +1516/1679, mb5.3/436, MS5.3/340, 46C-24D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RAO, RAO, RAO, etc.

1602

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRI, WRA, SBA, etc.

ISCJB 30 07:44:37.7.0.8, 35:74S:0.04:73.46W:0.09, h33km, mb3.6/2, Error ellipse: s-maj=10.1km s-min=5.1km az=179.9

GUC 30 07:44:37.3.0.6, 35:73S:73.54W, h13km, 11km, ML4.1

NEIC 30 07:44:38.4.1.1, 35:69S:0.07:73.4W:0.1, h23km, 10km, IDC 30 07:44:41.1.1.5, 35:76S:72.61W, h0km, mb3.6/2, mb1 4.0/5, mb1mx3.8/20, mbtmp3.8/5, ML3.8/3, Error ellipse: s-maj=33.0km s-min=18.9km az=94.0

ISC 30 07:44:38.2.1.2, 35:74S:0.05:73.4W:0.1, h35km, n22, +1547/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like COCH, CCSP, etc.

ISC 30 07:44:38.2.1.2, 35:74S:0.05:73.4W:0.1, h35km, n22, +1547/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like G005, G005, etc.

ISC 30 07:44:38.2.1.2, 35:74S:0.05:73.4W:0.1, h35km, n22, +1547/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like G005, G005, etc.

ISC 30 07:44:38.2.1.2, 35:74S:0.05:73.4W:0.1, h35km, n22, +1547/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like G005, G005, etc.

ISC 30 07:46:54.8.1.9, 35:76S:73.29W, h0km, mb3.5/2, mb1 4.0/5, mb1mx3.7/20, mbtmp3.8/5, ML4.1/2, Error ellipse: s-maj=39.5km s-min=21.1km az=82.0, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PLCA, PLCA, etc.

ISC 30 08:16:06.5.0.0, 49:67N:28.86W, h6km, mb5.2/50, mb5.5/29, MS5.5/30, MS7.5/20

MOS 30 08:16:07.8.0.9, 49:44N:28.54W, h14km, mb5.4/147, MS5.1/62, Error ellipse: s-maj=5.1km s-min=4.2km az=137.1

ISC 30 08:16:07.9.0.4, 49:45N:28.54W, h0km, mb4.8/48, mb1 4.9/50, mb1mx4.8/55, mbtmp4.8/50, ML4.5/2, MS5.0/48, MS1 5.0/48, ms1mx4.9/56, Error ellipse: s-maj=11.2km s-min=8.2km az=178.0

ISCJB 30 08:16:08.40.1, 49:50N:0.02:28.58W:0.01, h17km, mb5.1/217, MS5.1/125, Error ellipse: s-maj=3.0km s-min=1.2km az=175.0

NEIC 30 08:16:09.1.1.5, 49:50N:0.08:28.5W:0.1, h10km, 1km, mb5.4/55, Ms 20.5/3470, Mw5.5(GCMT)

IGIL 30 08:16:09.3, 49:50N:28.49W, h10km, mb5.3

NEIC 30 08:16:11, 49:50N:28.33W, h12km, Moment Tensor Solution. Moment tensor: Scale 1071Nm; Mr=2.18; Mtheta=0.1; Mphi=2.17; Mtheta=0.25; Mphi=0.19; Msr=0.54; Fault plane solution: M2.26000x1017 NP1.355.000000, 552.000000, lambda-99.000000. NP2.2.1923.000000, lambda-78.870000. Principal axes: T 2.2463, P1g7.000000, Azm94.000000; N 0.0342, P2g7.000000; Azm3.000000; P 2.2055, P1g9.000000, Azm227.000000, Azm233W:0.01, h12km, MW5.5/141, Moment Tensor Solution. Scale 1071Nm; Mr=2.12; Mtheta=0.04; Mphi=0.28; Mtheta=0.2; Mphi=0.35; 11; Mtheta=0.16; Mphi=0.78; 09; Best double couple: Ms=2.27400x1017 NP1.355.000000, 552.000000, lambda-101.000000. NP2.2.1943.000000, 536.000000, lambda-74.000000. Principal axes: T 2.2260, P1g10.000000, Azm93.000000; N 0.0900, P1g9.000000, Azm1.000000; P -2.3210, P1g76.000000, Azm229.000000; nstia refers to body waves, cutoff=40s. nstia refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 30 08:16:10.4.0.2, 49:49N:0.04:28.55W:0.03, h17km, n1715, +1516/1679, mb5.3/436, MS5.3/340, 46C-24D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VAL, DUBL, etc.

1603

Table with columns: Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BORG, BORG, BORG, etc.

2013 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MELI, MELI, MELI, etc.

30d 8h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CLL, CLL, CLL, etc.

30d 8h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like H63A New Sharon, KSP Ksiaz, F61A St Evariste, etc.

2013 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like VYHS comp=Z,25nm,1.4s, VYHS Vyhne, VYHS Kesra, etc.

1604

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like K59A Cooperstown, J58A Remsen, J58A Remsen, etc.

1605 2013 SEP 30d 8h

Table with columns: Station ID, Name, Frequency, Class, and various signal quality metrics (e.g., SNR, SNR=12, etc.).

Table with columns: Station ID, Name, Frequency, Class, and various signal quality metrics (e.g., SNR, SNR=12, etc.).

Table with columns: Station ID, Name, Frequency, Class, and various signal quality metrics (e.g., SNR, SNR=12, etc.).



30d 8h

Table with columns: Call Sign, Name, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes entries like S57A Dark Hollow, R, S57A comp=Z,57nm,1.1s, GLMI Grayling, etc.

2013 SEP

Table with columns: Call Sign, Name, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes entries like N50A Nevada, R54A Victor, T56A Rocky Mt, etc.

1606

Table with columns: Call Sign, Name, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes entries like U54A Nelsons Funny, V55A Taylorsville, W55A Taylorsville, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Hollywood, Holcombe, Midewin, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like L40A, ISP, W50A, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TIGA, TIGA, TIGA, etc.

30d 8h

Table with columns: Station (e.g., SUSD, CSS, BRAL), Frequency (e.g., 46.71, 46.77), Power (e.g., 292, 84), and other technical details.

2013 SEP

Table with columns: Station (e.g., GNI, GNI, GNI), Frequency (e.g., 50.91, 50.94), Power (e.g., 71, 67), and other technical details.

1608

Table with columns: Station (e.g., ABTX, ABTX, ABTX), Frequency (e.g., 54.19, 54.19), Power (e.g., 280, 280), and other technical details.

1609 2013 SEP 30d 8h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like COLA, COLA, COLA, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like RND, RND, RND, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like SKT, SKWENTNA, RC01, etc.

30d 8h

ZALV	comp=Z,9.0nm,1.0s	62.71	38	P	P	08 26 33.6	-0.3
MLAC	Mammoth, Mamm	62.72	297	P	P	08 26 34.5	-0.1
TIN	Tinemaha, Big	62.76	296	P	P	08 26 34.6	-0.1
GMRC	Granite Mounta	62.77	292	P	P	08 26 35.5	+0.7
ZAIG	Zacatecas	62.77	274	P	I Amb	08 26 35.0	-0.1
Y12C	comp=Z,46nm,1.5s	62.78	291	P	P	08 26 35.5	+0.8
Y12C	Blythe	62.78	291	P	P	08 26 35.2	+0.5
BBAC	Balboa, Cauca	62.82	238	eP	P	08 26 33.7	-1.7
BBAC	Balboa, Cauca	62.82	238	eP	P	08 26 33.7	-1.7
OMMB	Old Mammoth M	62.83	297	P	I Amb	08 26 34.5	-0.9
MDPB	Devils Postpil	62.86	297	P	I Amb	08 26 35.7	+0.1
IRM	Iron Mountain	62.88	292	P	P	08 26 36.1	+0.6
DAC	Darwin (Calif)	62.91	295	P	P	08 26 36.3	+0.5
DAC	Darwin (Calif)	62.91	295	P	P	08 26 36.3	+0.5
ORV	Oroville	62.94	300	P	pmax	08 26 35.8	+0.1
ORV	Oroville	62.94	300	P	pmax	08 26 35.8	+0.1
214A	Organ Pipe Nat	62.95	288	P	P	08 26 36.0	0.0
214A	Organ Pipe Nat	62.95	288	P	I Amb	08 26 36.0	0.0
113A	Mohawk Valley	62.99	290	P	P	08 26 36.3	+0.3
IMPMC	Manual Prospec	63.00	295	P	P	08 26 37.3	+0.9
PTLC	Puerto Leguiza	63.05	234	eP	P	08 26 37.7	+1.0
PTLC	Puerto Leguiza	63.05	234	eP	P	08 26 37.7	+1.0
AFDM	Forest Hills D	63.05	299	P	P	08 26 36.8	+0.2
CWC	Cottonwood Cre	63.09	295	P	P	08 26 37.1	+0.2
GSC	Goldstone, Bar	63.10	294	P	pmax	08 26 37.9	+0.9
GSC	Goldstone, Bar	63.10	294	P	pmax	08 26 37.9	+0.9
GSC	Goldstone, Bar	63.10	294	P	P	08 26 37.8	+0.9
GSC	Hector, Ludlow	63.14	293	P	P	08 26 36.2	-1.1
002D	Mt. Diablo Mer	63.24	301	P	P	08 26 35.1	-2.7
CMB	Columbia Colle	63.34	298	P	pmax	08 26 38.4	-0.1
CMB	Columbia Colle	63.34	298	P	pmax	08 26 38.4	-0.1
CMB	Columbia Colle	63.34	298	P	I Amb	08 26 38.4	-0.1
CMB	Columbia Colle	63.34	298	P	I Amb	08 26 38.4	-0.1
GLA	Glamis	63.44	290	P	pmax	08 26 38.8	-0.4
GLA	Glamis	63.44	290	P	pmax	08 26 38.8	-0.4
GLA	Glamis	63.44	290	P	P	08 26 38.9	-0.3
GLA	Glamis	63.44	290	P	I Amb	08 26 38.8	-0.4
LRMC	Laurel Mtn Rad	63.51	294	P	P	08 26 38.4	-1.3
RRX	Edison Barstow	63.51	293	P	P	08 26 38.9	-0.7
KMRM	Mali Ridge	63.72	302	P	P	08 26 41.4	+0.4
HSIG	HSIG	63.80	285	P	I Amb	08 26 41.2	-0.3
KK31	Karalay Array	63.84	54	iP	pmax	08 26 42.1	+0.5
KK31	Karalay Array	63.84	54	iP	pmax	08 26 42.1	+0.5
KK31	Karalay Array	63.84	54	P	I Amb	08 26 41.5	-0.1
KKAR	Karalay Array	63.84	54	P	P	08 26 41.5	-0.1
KKAR	Karalay Array	63.84	54	P	P	08 26 41.5	-0.1
ISA	Isabella, Lake	63.85	295	P	pmax	08 26 43.1	+1.2
ISA	Isabella, Lake	63.85	295	P	pmax	08 26 43.1	+1.2
ISA	Isabella, Lake	63.85	295	P	P	08 26 41.8	-0.1
ISA	Isabella, Lake	63.85	295	P	P	08 26 41.8	-0.1
BBRO	Big Bear Solar	63.85	293	P	P	08 26 43.1	+1.2
BBRO	Big Bear Solar	63.85	293	P	P	08 26 41.2	-1.1
TLIG	Tiapa	63.90	267	P	I AMs_20	08 26 42.6	+0.1
VOG	Valley Oaks Go	63.93	296	P	P	08 26 40.6	-1.7
PFO	Pinyon Flats O	64.05	292	P	pmax	08 26 42.8	-0.5
PFO	Pinyon Flats O	64.05	292	P	pmax	08 26 42.8	-0.5
PFO	Pinyon Flats O	64.05	292	P	P	08 26 42.6	-0.7
PFO	Pinyon Flats O	64.05	292	P	I Amb	08 26 42.8	-0.5
PFO	Pinyon Flats O	64.05	292	P	I Amb	08 26 52.7	
VES	Vestal, Richgr	64.09	295	P	P	08 26 42.9	-0.4
EDW2	Edwards Air Fo	64.10	294	P	P	08 26 42.8	-0.8
SWSC	Sam W. Stewart	64.11	291	P	P	08 26 43.1	-0.4
BFSO	Mount Baldy Ra	64.34	293	P	P	08 26 45.1	-0.1
ARVC	Arvin	64.43	295	P	P	08 26 46.0	+0.4
IKP	In-Ko-Pah, Jac	64.50	291	P	P	08 26 45.4	-0.8
MURC	Murrieta	64.50	292	P	P	08 26 46.5	+0.4
MONP2	Monument Peak	64.53	291	P	P	08 26 44.9	-1.6
MWC	Mount Wilson	64.59	293	P	pmax	08 26 47.3	+0.4
MWC	Mount Wilson	64.59	293	P	pmax	08 26 47.3	+0.4
MWC	Mount Wilson	64.59	293	P	I Amb	08 26 47.3	+0.4
MWC	Mount Wilson	64.59	293	P	I Amb	08 26 56.5	
CLDB	Colider	64.69	210	eP	S	08 26 47.1	-0.3
CLDB	Colider	64.69	210	eP	S	08 35 27.8	+0.9
PASC	Pasadena Art C	64.70	294	P	I Amb	08 26 47.5	+0.1
PASC	Pasadena Art C	64.70	294	P	I Amb	08 26 55.0	
OSI	Osito Audit: C	64.72	294	P	P	08 26 47.4	-0.2
OSI	Osito Audit: C	64.72	294	P	I Amb	08 26 47.2	-0.4
OSI	Osito Audit: C	64.72	294	P	I Amb	08 26 56.1	
DECC	Green Verdugo	64.74	294	P	P	08 26 47.1	-0.6
BAR	Barrett	64.82	291	P	I Amb	08 26 47.9	-0.3
BAR	Barrett	64.82	291	P	I Amb	08 26 56.4	
SAO	San Andreas Ge	64.83	298	P	pmax	08 26 47.9	-0.3
SAO	San Andreas Ge	64.83	298	P	pmax	08 26 47.9	-0.3
SAO	San Andreas Ge	64.83	298	P	I Amb	08 26 47.9	-0.3
SAO	San Andreas Ge	64.83	298	P	I Amb	08 26 56.5	
PAGB	Antelope Grade	64.85	296	P	I Amb	08 26 47.9	-0.4
PAGB	Antelope Grade	64.85	296	P	I Amb	08 27 01.7	
109C	Camp Elliot, M	64.94	292	P	P	08 26 48.7	-0.2
109C	Camp Elliot, M	64.94	292	P	I Amb	08 26 49.0	+0.1
109C	Camp Elliot, M	64.94	292	P	I Amb	08 26 58.7	
OTAV	Otavallo	64.96	238	P	pmax	08 26 50.2	+0.4
OTAV	Otavallo	64.96	238	P	pmax	08 26 50.2	+0.4
OTAV	Otavallo	64.96	238	P	P	08 26 48.9	-0.4
OTAV	Otavallo	64.96	238	P	P	08 26 48.9	-0.4
FMP	Fort Macarthur	65.09	293	P	P	08 26 48.0	-1.9
PKM	Mcperson Peak	65.17	295	P	P	08 26 49.6	-1.1

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BLG	Laguna Peak, P	65.27	294	P	P	08 26 50.8	-0.3
CIS	Catalina Island	65.38	293	P	P	08 26 51.5	-0.3
SBC	Santa Barbara	65.43	295	P	P	08 26 51.7	-0.4
SAML	Samuel	65.61	218	P	pmax	08 26 52.3	-1.0
SAML	Samuel	65.61	218	eP	pmax	08 26 52.9	-0.4
SAML	Samuel	65.61	218	eP	P	08 26 52.3	-1.0
SAML	Samuel	65.61	218	I AMs_20	I AMs_20	08 50 47.0	
SCZ2	Santa Cruz Isl	65.69	294	P	P	08 26 53.3	-0.6
BTI	San Clemente I	65.75	293	P	P	08 26 54.1	-0.1
CBK	Batken	66.14	56	P	pmax	08 26 57.2	+0.5
BTk	Batken	66.14	56	P	pmax	08 26 45.8	
BTk	Batken	66.14	56	P	MLR	08 26 45.8	
BTk	Batken	66.14	56	P	I Amb	08 26 57.2	+0.5
BTk	Batken	66.14	56	P	I Amb	08 27 00.3	
BTk	Batken	66.14	56	P	I AMs_20	08 58 13.3	
SNCC	San Nicolas Is	66.15	294	P	P	08 26 56.4	-0.4
FRU1	Bishkek	66.18	52	I AMs_20	I AMs_20	08 55 37.1	
AAK	Ala-Archa	66.23	52	LR	LR	08 56 00.8	
AAK	Ala-Archa	66.23	52	iP	P	08 26 58.6	+1.3
AAK	Ala-Archa	66.23	52	eP	pmax	08 26 58.8	+1.4
AAK	Ala-Archa	66.23	52	eP	MLR	08 26 58.8	+1.4
AAK	Ala-Archa	66.23	52	P	P	08 26 58.4	+1.0
AAK	Ala-Archa	66.23	52	I AMs_20	I AMs_20	08 55 47.6	
TKM2	Tokmak 2	66.59	51	P	pmax	08 27 00.7	+1.0
GAR	Garm	66.62	57	P	P	08 27 00.8	+1.0
MAKZ	Makanchi	66.67	44	P	pmax	08 27 01.1	+0.3
MAKZ	Makanchi	66.67	44	P	pmax	08 27 01.1	+0.3
MAKZ	Makanchi	66.67	44	P	I AMs_20	08 55 15.4	
LPIG	La Paz	66.84	280	LR	LR	08 56 24.2	
MK31	Makanchi Array	66.96	44	P	pmax	08 27 01.3	-0.4
MK31	Makanchi Array	66.96	44	P	pmax	08 27 01.4	-0.4
MK31	Makanchi Array	66.96	44	P	I Amb	08 27 08.9	
MK31	Makanchi Array	66.96	44	P	I Amb	08 27 01.9	+0.2
MK31	Makanchi Array	66.96	44	P	P	08 27 01.9	+0.2
MKAR	Boomscoyoe usch	67.08	51	I AMs_20	I AMs_20	08 55 31.7	
MKAR	Boomscoyoe usch	67.08	51	I AMs_20	I AMs_20	08 55 31.7	
MKAR	Boomscoyoe usch	67.08	51	I AMs_20	I AMs_20	08 55 01.7	0.0
MKAR	Boomscoyoe usch	67.08	51	I AMs_20	I AMs_20	08 55 01.7	0.0
BDFB	Brasilila	67.09	200	P	P	08 27 03.3	+0.5
BDFB	Brasilila	67.09	200	P	P	08 27 03.3	+0.5
BDFB	Brasilila	67.09	200	P	LR	08 51 32.4	
BDFB	Brasilila	67.09	200	P	pmax	08 27 02.9	0.0
BDFB	Brasilila	67.09	200	P	pmax	08 27 02.9	0.0
BDFB	Brasilila	67.09	200	P	P	08 27 04.4	-0.1
BDFB	Brasilila	67.09	200	P	P	08 27 04.4	-0.1
BDFB	Brasilila	67.09	200	P	eP	08 27 09.3	-0.6
BDFB	Brasilila	67.09	200	P	eS	08 35 59.1	-0.6
BDFB	Brasilila	67.09	200	P	eS	08 36 25.4	+1.8
BDFB	Brasilila	67.09	200	P	pmax	08 27 02.9	0.0
BDFB	Brasilila	67.09	200	P	pmax	08 27 04.4	-0.1
BDFB	Brasilila	67.09	200	P	P	08 27 04.4	-0.1
BDFB	Brasilila	67.09	200	P	P	08 27 09.3	-0.6
BDFB	Brasilila	67.09	200	P	P	08 35 59.1	-0.6
BDFB	Brasilila						

YSS	comp=N,400nm,16.0s	MLR	MLR					
JIRN	Jiri	83.80	54	eP	P	08 28 40.1	+0.8	
MDJ	Mudanjiang	84.36	15	P	S	08 28 40.0	-1.3	
MDJ	Mudanjiang			S	S	08 28 02.5	-3.7	
MDJ	comp=N,24nm,1.6s				pmx			
MDJ	comp=N,470nm,4.3s				pmx			
MDJ	comp=N,630nm,10.3s				LR			
MDJ	comp=N,520nm,16.1s				LR			
MDJ	comp=N,650nm,15.5s				LR			
MDJ	Mudanjiang	84.36	15	P	P	08 28 39.7	-1.6	
RAMN	Ramite	84.59	54	eP	P	08 28 43.5	+0.4	
LSA	Lhasa	84.69	49	IAMS_20	IAMS_20	09 07 57.7		
TAPN	Taplejung	84.85	53	eP	P	08 28 45.1	+0.6	
LZH	Lanzhou	84.93	37	↑P	P	08 28 45.8	+1.2	
LZH	Lanzhou			sP	pwP	08 28 51.8	-1.1	
LZH	Lanzhou			sP	pmx	08 29 16.0	+3.4	
LZH	comp=Z,43nm,1.1s				pmx			
LZH	comp=Z,700nm,4.8s				LR			
LZH	comp=Z,2,1um,17.9s				LR			
LZH	comp=Z,2,1um,17.9s				LR			
LZH	comp=Z,2,1um,17.9s				LR			
TEY	Ternei	84.97	11	↑eP	P	08 28 41.0	-3.4	
TEY	comp=N,10.0nm,0.9s				pmx			
TEY	comp=Z,10.0nm,0.9s				pmx			
TEY	comp=E,20nm,0.9s				pmx			
ODAN	Odare	85.08	54	eP	P	08 28 46.8	+1.2	
USA0B	Ussuriysk Arra	85.16	14	P	P	08 28 46.8	+1.4	
USA0B	Ussuriysk Arra			P	pmx			
USA0B	Ussuriysk Arra	85.16	14	P	P	08 28 46.8	+1.4	
USA0B	Ussuriysk Arra			IAMB	IAMB	08 28 54.2		
USRK	Ussuriysk Ar.	85.16	14	P	P	08 28 46.2	+0.9	
USRK	comp=Z,2.6nm,1.1s				IAMB			
GO03	Copiap	85.24	216	P	IAMB	08 28 47.0	+1.2	
GO03	comp=Z,4.5nm,0.8s,baz=343,slow=6.0,SNR=11				IAMB	08 28 47.9		
BJI	Beijing	85.58	26	↑P	pmx	08 28 48.3	+0.8	
BJI	Beijing				pmx			
BJT	Baijiautau	85.60	26	P	P	08 28 47.9	+0.2	
BJT	comp=Z,22nm,1.0s				pmx			
BJT	comp=Z,600nm,19.0s				MLR			
BJT	Baijiautau	85.60	26	P	IAMB	08 28 47.9	+0.2	
BJT	comp=Z,22nm,1.0s				IAMB	08 28 49.3		
ASAJ	Asahikawa	86.46	6	P	P	08 28 52.9	+1.1	
ASAJ	comp=Z,22nm,1.1s,baz=286,slow=14				P			
LOO	Las Campanas	86.69	216	P	pmx	08 28 53.2	0.0	
LOO	comp=Z,26nm,1.0s				pmx			
LOO	Las Campanas	86.69	216	P	IAMB	08 28 53.2	0.0	
LOO	comp=Z,2.6nm,1.0s				IAMB	08 28 56.9		
HYB	Hyderabad	87.57	66	iP	P	08 29 04.0	+6.3	
GO04	Tololo Observa	87.77	216	IAMB	IAMB	08 28 58.6	+0.2	
GO04	comp=Z,2.3nm,1.0s				IAMB	08 29 12.7		
DL2	Dalian	88.12	23	P	pmx	08 29 00.0	+0.1	
DL2	comp=Z,34nm,1.1s				pmx			
SHL	Shillong	88.45	51	P	P	08 29 01.7	-0.3	
SHL	comp=Z,138nm,2.0s				pmx			
SHL	Shillong	88.45	51	P	P	08 29 01.7	-0.3	
ERM	Ermo	88.59	65	ceP	pmx	08 29 01.7	-0.4	
ERM	comp=Z,104nm,2.5s				pmx			
XAN	Xi'an	88.67	34	P	P	08 29 02.0	-0.7	
XAN	comp=Z,17nm,1.5s				pmx			
XAN	comp=Z,1,1um,20.6s				LR			
XAN	comp=Z,990nm,19.5s				LR			
XAN	Xi'an	88.67	34	P	IAMS_20	09 11 26.8		
CD2	Chengdu	89.42	39	P	P	08 29 04.5	-1.8	
CD2	comp=Z,1,1um,18.0s				pmx			
KSRS	Korea Array	90.96	19	P	P	08 29 12.7	-0.5	
KSRS	comp=Z,1.7nm,0.8s,baz=347,slow=5.1,SNR=5.0				LR	09 11 24.3		
KSAR	Wonju Array Be	90.97	19	P	P	08 29 11.5	-1.8	
KSAR	Wonju Array Be	90.97	19	P	LR	08 29 11.5	-1.8	
BOSA	Bosof	91.29	135	LR	LR	09 08 54.4		
GO05	Huala	92.52	214	iP	P	08 29 22.2	+2.0	
GO05	comp=N,162nm,0.5s				IAML	08 29 49.9		
MAJO	Matsushiro	93.54	11	P	P	08 29 24.1	-1.2	
MAJO	Matsushiro	93.54	11	P	P	08 29 24.1	-1.2	
MJAR	Matsushiro Arr	93.55	11	P	P	08 29 24.1	-1.2	
NJ2	Nanjing	93.80	27	eP	pmx	08 29 24.5	-1.9	
NJ2	comp=N,2.1nm,0.8s,baz=338,slow=4.6,SNR=5.2				pmx			
COCH	Cobquecura	93.83	214	iP	P	08 29 10.6	-1.6	
COCH	comp=N,13nm,0.5s				IAML	08 29 21.5		
CCHI	Chillan	93.99	214	iP	P	08 29 22.4	-4.5	
CCHI	comp=N,328nm,0.2s				IAML	08 29 49.8		
KMI	Kunming	94.02	43	P	P	08 29 26.5	-1.4	
KMI	comp=N,18nm,0.5s				pmx	08 29 30.5	-2.2	
KMI	Kunming	94.02	43	P	pmx	08 29 31.8	-2.6	
KMI	comp=N,1,1um,5.1s				LR			
KMI	comp=N,1,1um,29.3s				LR			
GYA	Guiyang	94.53	39	P	P	08 29 30.8	+0.7	
GYA	comp=N,21.5,4.5s				PP	08 33 21.5	+4.5	
GYA	Guiyang			SKS	SKSac	08 40 05.9	+0.7	
GYA	comp=N,30nm,1.0s				SS	08 40 41.0	-1.0	
GYA	comp=N,130nm,5.8s				pmx	08 47 04.0	+0.8	
GYA	comp=N,760nm,20.3s				LR			
GYA	comp=N,620nm,19.9s				LR			
GYA	comp=N,650nm,20.1s				LR			
GO06	Curarehue	96.44	212	P	IAMB	08 29 38.2	0.0	
GO06	comp=Z,22nm,1.2s				IAMB	08 29 45.3		
PALK	Pallekele	96.78	71	LR	LR	09 18 14.2		
PLCA	Paso Flores	97.15	211	P	Pdf	08 29 42.1	+0.6	
PLCA	comp=Z,2.6nm,0.9s,baz=57,slow=5.5,SNR=4.2				LR	09 13 26.0		
PLCA	Paso Flores	97.15	211	P	Pdf	08 29 42.0	+0.6	
PLCA	comp=Z,23nm,1.5s				pmx			
PLCA	Paso Flores	97.15	211	P	Pdf	08 29 42.0	+0.5	
PLCA	comp=Z,23nm,1.5s				IAMB	08 29 43.0		

CMAR	Chiang Mai Arr	97.94	50	P	Pdf	08 29 45.6	0.0	
CMAR	comp=Z,0.9nm,0.3s,baz=318,slow=7.3,SNR=4.6				LR	09 17 27.7		
KULM	Kulim	109.94	55	IAMS_20	IAMS_20	09 24 46.4		
KULM	comp=Z,562nm,19.0s							
MYKOM	Kota Tinggi	114.58	54	IAMS_20	IAMS_20	09 31 23.4		
VNA1	Neumayer-Sta	120.72	172	PKPdf	PKIKP	08 35 01.1	+1.2	
VNA2	Neumayer-Watz	121.06	172	PKPdf	PKIKP	08 35 01.6	+1.0	
VNA3	Neumayer Olymp	121.18	173	PKPdf	PKIKP	08 35 01.7	+0.8	
SNA4	Sanae	122.22	171	PKPdf	PKIKP	08 35 04.1	+1.1	
SNA4	Sanae	122.22	171	PKPdf	PKIKP	08 35 03.1	+0.2	
SNA4	Sanae	122.22	171	PKPdf	PKIKP	08 35 03.1	+0.2	
QSPA	South Pole Qui	139.37	180	PKPdf	PKIKP	08 35 35.1	+0.1	
HNR	Honiara	139.45	347	IAMS_20	IAMS_20	09 27 31.2		
WRAB	Tennant Creek	147.50	31	PKP2	PKPbc	08 35 52.5	-1.0	
WRAB	comp=Z,1.4nm,1.1s,baz=338,slow=2.9,SNR=36				PKPbc	08 35 52.5	-1.1	
WR1	Warramunga Arr	147.50	31	PKP	PKPbc	08 35 50.3	-0.7	
WR1	comp=Z,1.7nm,1.0s,baz=336,slow=3.0,SNR=38				PKPbc	08 35 53.5	-0.1	
WR1	Warramunga Arr	147.50	31	PKPbc	PKPbc	08 36 00.5	-0.3	
WR1	comp=Z,1.4nm,1.1s,baz=338,slow=2.9,SNR=36				PKPbc	08 36 00.8	-0.8	
DZM	Mont Dzumac	150.18	331	PKPbc	PKIKP	08 36 00.5	-0.7	
PINNC	Pines Island	150.35	329	PKPbc	PKIKP	08 36 00.8	-0.6	
CTA	Charters Tower	150.38	10	PKPbc	PKIKP	08 36 00.8	-0.8	
CTA	comp=Z,3.9nm,1.0s,baz=312,slow=6.0,SNR=4.3				PKPbc	08 36 00.5	-0.3	
CTAO	Charters Tower	150.38	10	PKPbc	PKIKP	08 36 00.5	-0.3	
CTAO	Charters Tower	150.38	10	PKPbc	PKIKP	08 36 00.5	-0.3	
ONTNC	Ouen Toro	150.39	331	PKPbc	PKIKP	08 36 02.2	+0.7	
ONTNC	comp=Z,2.9nm,1.0s,baz=312,slow=6.0,SNR=4.3				PKPbc	08 36 08.8	+1.7	
AS31	Alice Springs	150.78	34	PKP	PKPbc	08 36 01.1	-0.6	
AS31	comp=Z,25nm,0.8s,baz=347,slow=1.9,SNR=6.5				PKPbc	08 36 01.1	-0.6	
ASAR	Alice Springs	150.78	34	PKP	PKPbc	08 36 01.1	-0.6	
ASAR	comp=Z,1.6nm,1.1s,baz=306,slow=1.9,SNR=6.5				PKPbc	08 36 00.5	-0.8	
ASAR	Alice Springs	150.78	34	PKPbc	PKPbc	08 36 07.2	-0.9	
SBA	Scott Base	150.94	187	PKPbc	PKIKP	08 36 02.3	+1.3	
SBA	comp=Z,25nm,0.8s,baz=347,slow=1.9,SNR=6.5				PKPbc	08 36 02.3	+1.3	
SBA	Scott Base	150.94	187	PKPbc	PKIKP	08 36 08.9	+1.0	
CASY	Casey	153.21	144	PKPbc	PKIKP	08 36 06.3	+0.4	
CASY	comp=Z,2.0nm,0.5s,baz=303,slow=8.9,SNR=6.0				PKPbc	08 36 16.9	-0.8	
EIDS	Eidsvold	155.92	1	PKPbc	PKIKP	08 36 30.6	+0.2	

UCR 30 08:16:49.6:1.8,11.52N-86.77W,h36km,99gkm,MD4.2,4C,Near coast of Nicaragua

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
CNGN	Cerro Negro	0.97	4	↑P	ISC
CRIN	San Cristobal	1.20	347	eP	ISC
ACON	Acoyapa	1.62	741	iP	P
JTS	Las Juntas de	2.16	124	iP	P
ARE1	Arenal 1	2.27	117	iP	P
CEDE	Laguna Cedeo	2.27	117	eP	P
ESPN	Las Esperanzas	2.50	174	eP	P
LCR2	La Lucha 2	3.24			

30d 10h

Table with columns: MRKS, Lg, Lg, Op, Time, Res, ISC. Lists station names like Boomskeye usch, Ulhal, KasteK, etc. with associated data.

2013 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Lists station names like Raoul Island, Raoul Island, etc. with associated data.

1612

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Lists station names like DZM, CHMS, CHMS, etc. with associated data.

WAKE	Wake Island	42.49 340	P	P	10 15 09.6	-0.3
JAY	Jayapura	43.30 290	P	P	10 15 17.0	+0.7
AS31	Alice Springs	43.42 257	PcP	PcP	10 15 17.0	+0.7
AS31	Alice Springs	43.42 257	ScP	ScP	10 15 17.0	+0.7
AS31	Alice Springs	43.42 257	Iamb	Iamb	10 15 18.1	+0.7
ASAR	Alice Springs	43.42 257	P	P	10 15 17.4	+0.3
ASAR	Alice Springs	43.30 290	PcP	PcP	10 16 50.9	-0.3
ASAR	Alice Springs	43.30 290	P	P	10 16 50.9	-0.3
ASAR	Alice Springs	43.30 290	ScP	ScP	10 19 45.3	+0.7
ASAR	Alice Springs	43.30 290	P	P	10 19 45.3	+0.7
WRAB	Tennant Creek	43.53 263	P	P	10 15 17.6	-0.5
WRAB	Tennant Creek	43.53 263	Pmax	Pmax	10 15 17.6	-0.5
WRAB	Tennant Creek	43.53 263	P	P	10 15 17.8	-0.3
WR1	Warramunga Arr	43.54 263	PcP	PcP	10 16 51.4	-0.3
WR1	Warramunga Arr	43.54 263	ScP	ScP	10 16 51.4	-0.3
WRA	Warramunga Arr	43.54 263	P	P	10 15 17.9	-0.2
WRA	Warramunga Arr	43.54 263	P	P	10 16 51.4	-0.3
WRA	Warramunga Arr	43.54 263	PcP	PcP	10 16 51.4	-0.3
WRA	Warramunga Arr	43.54 263	P	P	10 16 51.4	-0.3
WRA	Warramunga Arr	43.54 263	ScP	ScP	10 19 45.1	0.0
WRA	Warramunga Arr	43.54 263	P	P	10 20 59.0	-5.0
KHLU	Kahaluu u	46.35 31	P	P	10 15 39.7	+0.2
KHLU	Kahaluu u	46.35 31	Iamb	Iamb	10 15 40.8	+0.2
KKO	Keanakako i	46.49 32	P	P	10 15 40.0	-0.5
NPH	North Pit	46.49 32	P	P	10 15 40.1	-0.5
OBL	Observatory Le	46.50 32	P	P	10 15 40.5	-0.1
MLH	Mauna Loa	46.51 31	P	P	10 15 41.3	+0.4
MLH	Mauna Loa	46.51 31	Iamb	Iamb	10 15 42.8	+0.4
SBLHI	Steaming Bluff	46.51 32	P	P	10 15 39.3	-1.5
KDU	Kakadu	46.98 272	P	P	10 15 44.1	-0.1
FORT	Forrest	48.15 247	P	P	10 15 52.4	-0.4
MTN	Mannton Dam	48.18 271	P	P	10 15 52.9	-0.3
WRKA	Warakurna	48.35 255	P	P	10 15 54.4	0.0
GUMO	Guam	49.42 311	P	P	10 16 02.6	+0.4
GUMO	Guam	49.42 311	P	P	10 16 02.6	+0.4
GUMO	Guam	49.42 311	Pmax	Pmax	10 16 02.8	+0.5
GUMO	Guam	49.42 311	P	P	10 16 02.8	+0.5
KNRA	Kununurra	49.63 267	P	P	10 16 03.7	-0.1
FAKI	Fak Fak	50.67 284	P	P	10 16 11.2	-0.2
FAKI	Fak Fak	50.67 284	Iamb	Iamb	10 16 12.3	-0.2
FITZ	Fitzroy Crossi	51.97 263	P	P	10 16 20.5	-0.2
FITZ	Fitzroy Crossi	51.97 263	Iamb	Iamb	10 16 21.4	-0.2
KMBL	Kambalda	53.42 246	P	P	10 16 30.2	-0.6
TNTI	Ternate	56.66 286	P	P	10 16 53.6	+0.1
MBWA	Marble Bar	56.76 258	P	P	10 16 53.4	-0.7
MEEK	Meekehatharra	56.79 251	P	P	10 16 53.5	-0.7
KLBR	Kellerberrin	56.91 245	P	P	10 16 54.7	-0.3
NWAO	Narrogin (SRO)	57.22 244	P	P	10 16 56.9	-0.1
NWAO	Narrogin (SRO)	57.22 244	Pmax	Pmax	10 16 57.1	0.0
NWAO	Narrogin (SRO)	57.22 244	P	P	10 16 57.1	0.0
NWAO	Narrogin (SRO)	57.22 244	Iamb	Iamb	10 16 57.8	0.0
RGKY	Rocky Hill	57.29 242	P	P	10 16 57.9	+0.4
MMRI	Maumere	57.79 273	Iamb	Iamb	10 17 02.1	0.0
BLDU	Baldid	57.91 246	P	P	10 17 01.3	-0.4
MUN	Mundaring	58.18 245	P	P	10 17 03.6	0.0
MORW	Morawa	58.69 248	P	P	10 17 06.7	-0.3
MORW	Morawa	58.69 248	Iamb	Iamb	10 17 07.1	-0.3
LUWI	Luwuk	60.07 281	Iamb	Iamb	10 17 17.7	0.0
DDMP	Don Marcelino	60.84 290	eP	P	10 17 17.1	-2.4
JCJ	Chichijima	60.84 320	P	P	10 17 20.8	-0.4
GIRL	Giralia	61.44 255	P	P	10 17 26.1	+0.9
SKMP	Bagumbayan, Su	61.76 290	eP	P	10 17 25.4	-1.9
BUKP	Musuan	61.95 292	eP	P	10 17 28.9	+0.3
CASY	Casey	63.01 205	P	P	10 17 34.7	+0.2
MSLP	Maasin	63.22 294	eP	P	10 17 36.1	-0.6
PAGZ	Pagadian	63.40 291	eP	P	10 17 37.0	-0.9
BESP	Boronang	63.46 295	eP	P	10 17 37.6	-0.7
OCLP	Ormoc	63.89 295	eP	P	10 17 40.1	-0.8
JAGI	Jajag, Banyuwa	65.39 270	Iamb	Iamb	10 17 50.0	0.0
PVCP	Virac	65.55 297	eP	P	10 17 50.5	-0.9
JHU	Hachioji jima 2	66.70 323	P	P	10 17 58.4	+0.3
OTRP	Odiangon	66.73 294	eP	P	10 17 56.5	-2.1
CUYO	Cuyo Island	66.77 292	eP	P	10 17 58.8	-0.8
BOAC	Boac	67.42 295	eP	P	10 18 02.1	-0.7
BUSP	Coron	68.12 293	eP	P	10 18 06.4	-0.7
SPMM	Sapulut	68.17 284	P	P	10 18 09.0	+1.5
JOD2	Odawara 2	68.67 324	P	P	10 18 09.7	-0.4
BATP	Bataraza	68.73 289	eP	P	10 18 09.7	-1.2
BALP	Baier	68.79 297	eP	P	10 18 10.3	-0.7
KKM	Lubang	68.91 295	eP	P	10 18 09.5	-2.2
KKK	Kota Kinabalu	68.98 180	P	P	10 18 12.4	+0.3
QSPA	South Pole Qui	68.98 180	P	P	10 18 12.5	+0.9
QSPA	South Pole Qui	68.98 180	P	P	10 20 19.5	+4.5
CAUP	Cauayan	69.19 299	eP	P	10 18 17.7	+5.2
JRY	Ryogami san	69.33 325	P	P	10 18 14.1	+0.1
SMPP	San Manuel, Pa	69.74 321	P	P	10 18 15.6	+1.2
JOW	Kunigami	69.79 311	P	P	10 18 17.5	+0.6
JOW	Kunigami	69.79 311	Iamb	Iamb	10 18 18.6	0.0
JGF	Kuroki	69.89 323	P	P	10 18 16.9	-0.4
INU	Inuyama	69.89 323	Iamb	Iamb	10 18 18.4	0.0
MJAR	Matsushiro Arr	70.10 324	P	P	10 18 18.3	-0.3
MJAR	Matsushiro Arr	70.10 324	Pmax	Pmax	10 18 18.0	-0.5
MJAR	Matsushiro Arr	70.10 324	P	P	10 18 18.0	-0.5
MJAR	Matsushiro Arr	70.10 324	P	P	10 18 18.4	-0.1
MAJO	Matsushiro	70.10 324	Pmax	Pmax	10 18 18.6	0.0
MAJO	Matsushiro	70.10 324	Iamb	Iamb	10 18 18.3	0.0
MAJO	Matsushiro	70.10 324	P	P	10 18 18.6	0.0
MAT	Matsushiro	70.10 324	P	P	10 18 18.1	-0.4
MAT	Matsushiro	70.10 324	P	P	10 18 18.4	-0.1
MJB9	Matsu-Tunnel	70.11 324	Iamb	Iamb	10 18 19.3	0.0
APYP	Comner	70.14 299	eP	P	10 18 18.6	-0.4
JON	Jon	70.36 324	P	P	10 18 19.9	-0.2
JGM	Ohasama	70.73 328	P	P	10 18 22.4	+0.3
JWT	Wachi	70.76 322	P	P	10 18 22.7	+0.3
JYA	Atsumi	70.84 327	P	P	10 18 23.6	+0.8
SBUM	Sibu	71.13 280	P	P	10 18 25.0	0.0
JAD	Aida	71.24 321	P	P	10 18 25.9	+0.6
ERM	Erimo	71.85 331	eP	P	10 18 29.4	+0.9
ERM	Erimo	71.85 331	Pmax	Pmax	10 18 29.4	+0.9
JNS	Saiyoi	71.91 320	P	P	10 18 29.7	+0.6
JHU	Nakatsue	72.07 317	P	P	10 18 29.6	-0.3
JNU	Nakatsue	72.03 317	Iamb	Iamb	10 18 31.4	0.0
KSM	Kuching	72.51 279	P	P	10 18 33.0	-0.1
KSM	Kuching	72.51 279	P	P	10 18 33.5	+0.5
ADK	Adak	72.68 2	P	P	10 18 32.7	-0.4
ADK	Adak	72.68 2	Pmax	Pmax	10 18 32.7	-0.4
ADK	Adak	72.68 2	P	P	10 18 32.7	-0.4
ADK	Adak	72.68 2	P	P	10 18 35.3	+0.7
YULB	Yulu	73.00 304	Iamb	Iamb	10 18 35.3	+0.7
ATKA	Atka Island	73.10 3	Iamb	Iamb	10 18 35.7	+0.7
YHNB	Yeheng	73.62 305	Iamb	Iamb	10 18 43.5	0.0
JSH	Shimam	73.77 330	P	P	10 18 40.3	+0.8
ASAJ	Asahikawa	73.77 332	P	P	10 18 41.0	+1.5
QZH	Quzhen	75.91 304	eP	P	10 18 52.0	+0.2
OZZ	Yuzh-Sakhalins	75.98 334	I/P	P	10 18 52.8	+1.2
YSS	Yuzh-Sakhalins	75.98 334	P	P	10 19 10.0	0.0
YSS	Yuzh-Sakhalins	75.98 334	Pmax	Pmax	10 18 52.9	+1.2
YSS	Yuzh-Sakhalins	75.98 334	Iamb	Iamb	10 18 53.2	+1.2
PET	Petropavlovsk	76.30 346	eP	Pmax	10 19 02.8	+1.0
PET	Petropavlovsk	76.30 346	Pmax	Pmax	10 19 02.8	+1.0
TJN	Taejon	76.33 318	eP	P	10 18 54.4	+0.5
PETK	Petropavlovsk	76.59 346	P	P	10 18 54.9	0.0
KSR5	Korea Array	76.67 319	P	P	10 18 56.2	+0.6
MSHR	Mys Shulsta	78.22 325	I/P	P	10 19 04.9	+1.0
MYKOM	Kota Tinggi	78.61 276	Iamb	Iamb	10 19 07.0	+0.3
MYKOM	Kota Tinggi	78.61 276	Iamb	Iamb	10 19 08.1	0.0
USRK	Ussuriysk Ar	78.90 326	P	P	10 19 08.2	+0.8
PKM	Mpsherson Peak	79.11 46	P	P	10 19 10.6	+1.5
SMMC	Simmler	79.23 46	P	P	10 19 10.7	+1.2
FMP	Fort Macarthur	79.48 48	P	P	10 19 11.5	+0.7
NJ2	Nanjing	79.49 310	I/P	Pmax	10 19 11.8	+0.9
NJ2	Nanjing	79.49 310	I/P	Pmax	10 19 11.8	+0.9
DECC	Deception I	79.76 47	P	P	10 19 13.0	+0.8
KMRM	Mal Hidge	79.84 40	Iamb	Iamb	10 19 15.8	0.0
109C	Camp Elliot, M	79.86 49	P	P	10 19 13.6	+0.9
ARVC	Arvin	79.91 46	P	P	10 19 13.9	+0.8
ARVC	Arvin	79.91 46	P	P	10 19 13.9	+0.8
VES	Vestal, Richgr	80.14 46	P	P	10 19 14.8	+0.6
MURC	Murieta	80.18 48	P	P	10 19 15.3	+0.8
BFSC	Mount Baldy Ra	80.21 48	P	P	10 19 15.2	+0.4
EDW2	Edwards Air Fo	80.34 47	P	P	10 19 16.2	+0.8
EDW2	Edwards Air Fo	80.34 47	P	P	10 19 16.7	+1.1
MONPZ	Monument Peak	80.34 49	P	P	10 19 17.0	+1.6
O02D	Mt. Diablo Mer	80.36 40	P	P	10 19 17.0	+1.6
IKP	In-K-Pah, Jac	80.43 50	P	P	10 19 16.6	+0.7
MDJ	Mudanjiang	80.43 326	Iamb	Iamb	10 19 17.5	0.0
ISA	Isabella, Lake	80.45 46	Iamb	Iamb	10 19 16.9	+1.0
ISA	Isabella, Lake	80.45 46	Iamb	Iamb	10 19 18.0	0.0
JRMM	Jerantut	80.66 278	P	P	10 19 17.0	-0.4
MAW	Mawson	80.68 200	P	P	10 19 16.7	



30d 10h

Table with columns for station name, RA, Dec, SNR, and other parameters. Includes stations like PDAR, BOZ, CD2, EGAK, SDCO, MSTX, T25A, etc.

2013 SEP

Table with columns for station name, RA, Dec, SNR, and other parameters. Includes stations like MUD, TKT, YAK, GAZ, etc.

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Table with columns for station name, RA, Dec, SNR, and other parameters. Includes stations like HUMR, ARMT, KRUC, etc.

ISCJB 30:11:23.0.0.8.31.97N.0.04-36.0E.0.1.1.h5km, Error ellipse: s-maj=12.5km s-min=6.0km az=10.3 JSO 30:11:23.0.0.5.32.N.4.3.3E.1.h9km.6km, M2.3/6, Mjma2.3/6, ML1.6/6, MLV2.6/6 NNSC 30:11:23.22.0.1.1.31.96N.0.05-36.1E.0.1.h5km, ML2.3/6 @180/11, Dead Sea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BRBR, QASN, and OASN.

INMG 30 10:27:49.6:3.4, 36:79N-23:05W, h44km, 199km, ML3.3, Error ellipse: s-maj=51.5km s-min=32.2km az=54.0

SVSA 30 10:27:48.5:1.5, 36:80N-23:04W, h10km, MD3.8, ML3.8, 1D, Error ellipse: s-maj=14.4km s-min=9.4km az=34.0, Azores Islands region

Main table for the first section listing stations like Pico do Norte, Santa Maria, Pico Bartolome, Caldeiras da R, etc.

ISCJB 30 10:32:55.7:2.9, 27:5N-0:4:11:6W, 0:2, h25km, 40km, Error ellipse: s-maj=79.4km s-min=7.7km az=155.1

MEX 30 10:32:56.8:0.6, 27:49N-11:1:57W, h9km, 8km, MD3.8

ECX 30 10:32:57.0:1.0, 27:62N-11:1:60W, h10km, 96km, MD3.3

ISC 30 10:32:54.6:2.1, 27:6N-0:2:11:6W, 0:2, h18km, 19km, n6, c=057/11, 1C-1D, Gulf of California

Table listing stations like Guaymas, Santa Rosalia, and HSIG.

ISC 30 10:44:08.1:26.0, 17:83S-177:98W, h572km, 246km, mb3.1/3, mb1 3.5/3, mb1mx2.9/35, mbtmp4.1/3, Error ellipse: s-maj=308.5km s-min=47.0km az=131.0, Fiji Islands region

Table listing stations like Warramunga Arr, Alice Springs, and ILAR.

ISC 30 10:50:48.5:3.3, 19:49N-108:79W, h0km, mb3.3/3, mb1 3.9/7, mb1mx3.7/31, mbtmp3.6/7, ML3.5/4, MS3.1/5, Ms1 3.1/5, ms1mx2.9/17, Error ellipse: s-maj=54.8km s-min=35.4km az=43.0

ISC 30 10:50:51.7:2.0, 19:4N-0:2:108:3W, 0:2, h26km, n9, c=153/9, Revilla Gigedo Islands region

Main table for the second section listing stations like LPIG, TXAR, CMIG, ANMO, TEIG, NVAR, TKL, ILAR.

ISCJB 30 10:52:40.3:2.4, 27:3N-0:2:11:5W, 0:1, h10km, Error

ellipse: s-maj=28.9km s-min=6.3km az=152.3 MEX 30 10:52:41.4:1.1, 27:18N-11:1:42W, h10km, MD3.7

ECX 30 10:52:42.0:4.0, 27:41N-11:1:48W, h20km, 14km, MD3.5

ISC 30 10:52:39.3:2.1, 27:3N-0:2:11:47W, 0:09, h10km, n6, c=070/10, 1D, Gulf of California

Table listing stations like Santa Rosalia, Guaymas, and HSIG.

ISC 30 11:15:24.1:1.6, 0:40N-122:10E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.4/30, mbtmp3.4/3, MS2.7/1, Ms1 2.7/1, ms1mx2.5/17, Error ellipse: s-maj=212.0km s-min=25.6km az=61.0

DJA 30 11:15:45.3:1.2, 0:5N-10:12:2E, 1:1, h165km, 8km, M2.9/4, MLV2.9/4

ISC 30 11:15:43.2:1.4, 0:5N-10:12:2E, 0:2, h150km, n7, c=356/8, mb3.0/3, Minahassa Peninsula, Sulawesi

Main table for the third section listing stations like Marisa, Luwuk, Ampanga, Warramunga Arr, etc.

ISC 30 11:23:08.8:4.6, 30:49S-178:73W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/26, mbtmp3.6/2, Error ellipse: s-maj=136.6km s-min=20.8km az=138.0, Kermadec Islands

Table listing stations like Raoul Island, Alice Springs, Warramunga Arr, etc.

SOME 30 11:27:17.4, 40:95N-78:43E, h10km KRNET 30 11:27:17.2:0.1, 40:95N-78:46E, h15km, mb2.5

NINC 30 11:27:22.3:2.0, 41:11N-78:43E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=14.0km s-min=8.6km az=164.0

ISC 30 11:27:19.4:2.2, 41:01N-0:08:78:39E, 0:04, h9km, 14km, n36, c=105/58, 20C-3D, Kyrgyzstan-Xinjiang border region

Main table for the fourth section listing stations like Kajisay, Przhval'sk, Naryn, etc.

UZH Yuznbulak 2.19 12 Pg Pg 11 28 01.7 +0.4

UZH Yuznbulak 1.9m, 0.3s, 2.19 12 eP Pb 11 27 59.3 -0.0

SHLS Shalkode 2.29 20 eP Pg 11 28 03.5 +0.2

BOOM Boomsokoye usch 2.35 310f eP Pb 11 28 04.0 -1.7

MDOK Medeo 2.37 336 Pg Pg 11 28 03.1 +0.7

MDOK Medeo 1.2m, 0.6s, 2.37 336 eP Pb 11 28 03.4 +1.0

KOTS Kotyrbulak 2.42 337 Pg Pg 11 28 05.8 +1.0

IZV Izvestkoviy 2.42 327 Pg Pg 11 28 06.4 +0.7

IZV Izvestkoviy 1.6m, 0.2s, 2.42 327 eP Pg 11 28 07.0 -0.8

PDGK Podgornoye 2.46 19 Pg Pb 11 28 04.0 +0.1

PDGK Podgornoye 2.46 19 Pg Pb 11 28 03.6 -0.3

TKM2 Tokmak 2 2.83 313 fPg Pb 11 28 10.9 +0.7

TKM2 Tokmak 2 2.83 313 fPg Pb 11 28 08.5 -1.7

TKM2 Tokmak 2 2.83 313 fPg Pb 11 28 08.5 -1.7

TKM2 Tokmak 2 2.83 313 fPg Pb 11 28 08.5 -1.7

TKM2 Tokmak 2 2.83 313 fPg Pb 11 28 08.5 -1.7

CHKK Chushkaly 3.03 340 eP Pg 11 28 15.5 -1.9

ARXS Arhary 3.23 353 Pg Pg 11 28 20.1 -1.2

ARXS Arhary 3.23 353 eP Pg 11 28 17.1 +0.2

KUU Kurty 3.26 333 eP Pg 11 28 20.1 -1.7

AAK Ala-Archa 3.33 300 Pg Pb 11 28 19.4 +0.6

ISC 30 11:33:33.6:0.8, 53:71N-169:25E, h0km, mb3.7/11, mb1 4.0/12, mb1mx3.8/40, mbtmp3.8/12, ML3.8/1, MS3.2/2, Ms1 3.2/2, ms1mx2.6/44, Error ellipse: s-maj=26.1km s-min=18.6km az=154.0

MOS 30 11:33:34.3:1.2, 53:50N-169:33E, h25km, mb4.4/7, Error ellipse: s-maj=10.1km s-min=7.0km az=24.3

ISCJB 30 11:33:35.1:0.3, 53:52N-106:169:28E, 0:04, h30km, mb3.9/16, MS3.2/2, Error ellipse: s-maj=8.1km s-min=3.2km az=178.1

NEIC 30 11:33:37.1:1.1, 53:6N-0:1:169:38E, 0:09, h28km, 5km, mb4.3/13

KRSC 30 11:33:37.2:1.1, 53:43N-168:94E, h149km, 44km, ML4.4

ISC 30 11:33:36.9:0.5, 53:49N-0:07:169:24E, 0:04, h30km, n109, c=1965/116, mb4.1/21, 1C-4D, Komandorsky Islands region

Main table for the fifth section listing stations like Bering, Shemya, Krutoberegovo, etc.

30d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, TPUB, YULB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUIJ 30, ISCB 30, DJA 30, NEIC 30, IDC 30, etc.

2013 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, TPUB, YULB, WSSB, etc.

1616

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QSPA, IMAR, ILAR, BCAR, etc.

## 1617

ESL	baz=93	eS	Sg	12 05 35.1 -0.6	ENA
TWQ1	Liyutan baz=329	0.49 342	iP	Pb	12 05 31.7 +0.6
TWQ1	baz=329		S	Sb	12 05 39.9 +1.6
EGFH	Guangfu baz=111	0.49 115	eP	Pg	12 05 29.6 -0.6
EGFH	baz=111		S	Pg	12 05 36.3 -0.6
EHY	Hungye baz=128	0.51 136	iP	Pg	12 05 29.8 -0.7
EHY	baz=128		S	Sg	12 05 36.7 -0.6
RLNB	Erin baz=276	0.53 272	P	Pb	12 05 31.7 0.0
RLNB	baz=276		S	Pb	12 05 40.0 +0.8
WDJ	Dajia District baz=331	0.54 330	iP	Pn	12 05 32.9 -1.1
WDJ	baz=331		S	Sn	12 05 41.9 -1.1
NSY	Sanyi baz=328	0.56 343	iP	Pn	12 05 33.3 -1.0
NSY	baz=328		iS	Sn	12 05 42.7 -0.8
YULB	Yu-ii baz=144	0.58 145	iP	Pg	12 05 31.0 -1.0
YULB	baz=144		S	Sg	12 05 38.3 -1.4
YULB	Yu-ii baz=144	0.58 145	Pg	Pg	12 05 30.9 -1.0
YULB	baz=144		Sg	Sg	12 05 37.7 -2.0
HGSD	Ruisui baz=123	0.59 130	iP	Pg	12 05 31.7 -0.3
HGSD	baz=123		S	Sg	12 05 39.6 -0.2
ETLH	Xulin Townshi baz=48	0.60 56	iP	Pg	12 05 31.8 -0.4
ETLH	baz=48		S	Sg	12 05 39.9 -0.3
WTCT	Ta-cheng baz=272	0.60 269	iP	Pb	12 05 32.5 -0.4
WTCT	baz=272		iS	Sb	12 05 42.0 +0.7
CHY	Chiayi baz=234	0.60 231	iP	Pg	12 05 32.6 +0.3
CHY	baz=234		eS	Sb	12 05 41.7 +0.3
PTSB	Yuanli baz=339	0.61 340	iP	Pn	12 05 34.0 -0.9
PTSB	baz=339		S	Sn	12 05 43.6 -1.0
ENLB	Shoufeng baz=84	0.61 87	iP	Pg	12 05 32.3 -0.1
ENLB	baz=84		iS	Sg	12 05 40.7 +0.2
CHN4	Tsaushan baz=214	0.61 211	iP	Pg	12 05 32.6 +0.2
CHN4	baz=214		S	Sb	12 05 42.5 +1.0
TWF1	Yuli baz=147	0.62 148	iP	Pg	12 05 31.7 -0.8
TWF1	baz=147		S	Sg	12 05 40.3 -0.4
HWA	Hwalien baz=77	0.62 81	iP	Pg	12 05 32.7 +0.1
HWA	baz=77		S	Sg	12 05 41.8 +1.0
TWD	Chiawan baz=68	0.64 71	iP	Pg	12 05 32.4 -0.5
TWD	baz=68		S	Sg	12 05 40.8 -0.5
TPUB	Ta-pu baz=209	0.64 206	iP	Pg	12 05 32.8 -0.1
TPUB	baz=209		S	Sg	12 05 41.9 +0.5
TPUB	Ta-pu baz=209	0.64 206	Pg	Pg	12 05 32.3 -0.6
TPUB	baz=209		Sg	Sg	12 05 40.7 -0.7
WMLT	Mailiao baz=267	0.66 264	eP	Pg	12 05 33.4 +0.1
WMLT	baz=267		S	Sb	12 05 43.6 +0.7
NACB	Ninganchiao baz=60	0.67 64	iP	Pg	12 05 33.0 -0.6
NACB	baz=60		S	Sg	12 05 41.5 -1.0
NACB	Ninganchiao baz=60	0.67 64	Pg	Pg	12 05 32.9 -0.7
NACB	baz=60		Sg	Sg	12 05 42.1 +0.3
NMLH	Miaoili baz=348	0.67 349	iP	Pn	12 05 35.0 -0.8
NMLH	baz=348		S	Sn	12 05 45.5 -0.7
NNSB	Datong baz=38	0.68 36	iP	Pg	12 05 33.0 -0.8
NNSB	baz=38		S	Sg	12 05 42.0 -1.0
ELDTW	Lidau baz=174	0.69 174	iP	Pg	12 05 32.5 -1.4
ELDTW	baz=174		S	Sg	12 05 41.8 -1.2
NNS	Nan Shan baz=38	0.69 35	iP	Pg	12 05 33.2 -0.8
NNS	baz=38		eS	Pg	12 05 41.9 -1.1
WTP	Ta-pu baz=207	0.69 205	iP	Pg	12 05 33.8 -0.2
WTP	baz=207		iS	Sg	12 05 43.5 +0.3
WSF	Zhu baz=253	0.70 250	iP	Pg	12 05 33.9 -0.2
WSF	baz=253		S	Sb	12 05 44.4 +0.3
WLBG	Puzi baz=239	0.71 236	iP	Pg	12 05 34.3 +0.1
WLBG	baz=239		S	Sb	12 05 44.9 +0.6
STYT	Tauyuan baz=194	0.73 193	iP	Pg	12 05 34.3 -0.4
STYT	baz=194		eS	Pg	12 05 43.6 -0.7
TWK	Hsiyung baz=216	0.73 214	iP	Pg	12 05 34.6 -0.2
TWK	baz=216		S	Sg	12 05 45.5 +1.0
SNST	Tainan City baz=214	0.77 212	iP	Pg	12 05 35.0 -0.4
SNST	baz=214		S	Pg	12 05 46.3 +0.8
LIOB	Emei baz=4.0	0.77 5	iP	Pg	12 05 36.0 +0.2
LIOB	baz=4.0		S	Sn	12 05 47.5 -1.2
CHN1	Nanshi baz=211	0.78 209	iP	Pg	12 05 35.3 -0.4
CHN1	baz=211		S	Sg	12 05 46.6 +0.6
CHN8	Yiji baz=248	0.85 232	iP	Pg	12 05 36.5 -0.5
CHN8	baz=248		S	Sb	12 05 49.0 +0.5
SGST	Jiashian baz=216	0.85 202	iP	Pg	12 05 35.6 -1.5
SGST	baz=216		eS	Pg	12 05 47.8 -0.4
CHKT	Chengkung baz=152	0.87 153	iP	Pg	12 05 37.4 +0.1
CHKT	baz=152		eS	Sg	12 05 49.6 +0.9
NSK	Sanguang baz=20	0.88 26	iP	Pg	12 05 36.9 -0.7
NSK	baz=20		eS	Sg	12 05 47.5 -1.7
YHNB	Yeheng baz=25	0.89 27	iP	Pg	12 05 36.9 -0.7
YHNB	baz=25		S	Sb	12 05 49.2 -0.4
YHNB	Yeheng baz=25	0.89 27	Pg	Pg	12 05 36.9 -0.7
YHNB	baz=25		Sb	Sb	12 05 49.5 -0.1
YHNB	YHNB Datong Townshi baz=39	0.89 36	iP	Pg	12 05 36.7 -1.1
YHNB	baz=39		eS	Sg	12 05 49.2 -0.3
SBCB	Hsinchu baz=2.0	0.91 3	P	Pn	12 05 38.9 -0.2
SBCB	baz=2.0		S	Sn	12 05 52.9 +0.7
ENA	Nanau baz=51	0.92 53	iP	Pg	12 05 37.5 -0.8

## 2013 SEP

SLGT	Liuwei baz=51	0.92 197	iP	eP	Pg	12 05 49.8 -0.4
SLGT	baz=198		eS	Sg	12 05 37.7 -0.5	
HSN	Hsinchu baz=3.0	0.92 2	eP	Pn	12 05 50.5 +0.2	
HSN	baz=3.0		eS	Sn	12 05 39.4 +0.2	
NANB	Nano baz=51	0.92 53	iP	Pg	12 05 53.0 +0.7	
NANB	baz=51		eS	Sg	12 05 37.4 -0.9	
ENTT	Nioudou baz=36	0.95 37	iP	Pg	12 05 49.3 -1.2	
ENTT	baz=36		eS	Pg	12 05 38.0 -1.0	
CHN3	Shinhua baz=229	0.95 214	eP	Sb	12 05 52.2 +0.7	
CHN3	baz=229		eS	Sg	12 05 38.8 -0.2	
SCLT	Jiali baz=226	0.98 224	eP	Pg	12 05 53.0 +1.5	
SCLT	baz=226		S	Sn	12 05 38.7 -0.6	
WLTB	Daxi baz=24	1.01 16	eP	Pn	12 05 53.7 +0.1	
WLTB	baz=24		eS	Pn	12 05 40.3 -0.2	
NWL1	Wulai baz=28	1.03 30	eP	Pg	12 05 56.2 +1.6	
NWL1	baz=28		eS	Pg	12 05 39.3 -1.2	
TAI1	Yung-kang baz=220	1.06 218	eP	Pg	12 05 53.2 -0.8	
TAI1	baz=220		eS	Pg	12 05 40.2 -0.6	
TWG	Pinlang baz=162	1.06 173	iP	Pg	12 05 50.3 +0.7	
TWG	baz=162		eS	Sn	12 05 40.0 -0.9	
TWG	Pinlang baz=162	1.06 173	eS	Sg	12 05 53.9 -0.8	
TWG	baz=162		Pg	Pg	12 05 39.9 -1.0	
TWGBT	Beinan baz=162	1.06 173	iP	Pg	12 05 52.8 -2.0	
TWGBT	baz=162		S	Sg	12 05 40.0 -1.0	
TWE	Neicheng baz=37	1.07 38	iP	Pg	12 05 53.9 -0.9	
TWE	baz=37		eS	Sn	12 05 40.4 -0.8	
SLBB	Yuanshan baz=30	1.08 36	eP	Pg	12 05 56.4 +0.3	
SLBB	baz=30		eS	Pg	12 05 39.4 -2.0	
TWC	Suz baz=47	1.11 49	iP	Pb	12 05 41.0 -0.6	
TWC	baz=47		eS	Sb	12 05 56.7 +0.8	
NCUH	Zhongli baz=355	1.11 12	eP	Pn	12 05 42.3 +0.5	
NCUH	baz=355		eS	Sn	12 05 58.3 +1.3	
NCU	National Centr baz=355	1.11 12	eP	Pn	12 05 42.3 +0.4	
NCU	baz=355		eS	Sn	12 05 58.4 +1.4	
TTN	Taitung baz=169	1.13 170	iP	Pb	12 05 42.3 +0.3	
TTN	baz=169		eS	Sn	12 05 59.0 +1.4	
TWM1	Shoushan baz=204	1.15 204	iP	Pb	12 05 42.8 +0.5	
TWM1	baz=204		eS	Pb	12 05 42.8 +0.5	
ILA	Ilan baz=38	1.15 40	eP	Pn	12 05 42.6 +0.3	
ILA	baz=38		eS	Sn	12 05 59.1 +1.0	
SSD	Sandimen baz=183	1.16 194	P	Pb	12 05 41.9 -0.6	
SSD	baz=183		S	Sb	12 05 58.4 +1.0	
TATO	Taipei baz=29	1.20 25	iP	Pg	12 05 41.9 -0.6	
TATO	baz=29		eS	Pg	12 05 58.4 +1.0	
TATO	Taipei baz=29	1.20 25	Pb	Pb	12 05 43.4 -0.4	
TATO	baz=29		Sb	Sb	12 05 42.8 -0.4	
NHHD	Xindian Distri baz=29	1.21 26	eP	Pn	12 05 58.5 -0.2	
NHHD	baz=29		eS	Sn	12 05 43.5 -0.2	
SGLT	Jiouli baz=200	1.22 200	P	Pn	12 05 43.8 +1.4	
SGLT	baz=200		eS	Sn	12 06 00.9 +1.6	
SNJT	Kaohsiung City baz=207	1.25 206	eP	Pn	12 05 40.9 +1.6	
SNJT	baz=207		eS	Sn	12 05 42.8 -0.4	
NTC	Toucheng baz=31	1.27 40	eP	Pg	12 05 58.5 -0.2	
NTC	baz=31		eS	Pg	12 05 43.5 -0.2	
TAP	Taipei baz=30	1.27 24	eP	Pg	12 05 43.8 +1.4	
TAP	baz=30		eS	Pg	12 05 40.1 +1.6	
ECL	Taimali baz=178	1.27 179	iP	Pn	12 05 42.8 -0.4	
ECL	baz=178		eS	Pn	12 05 58.5 -0.2	
ECL	Taimali baz=178	1.27 179	eS	Sb	12 05 43.5 -0.6	
ECL	baz=178		eS	Sb	12 06 01.2 +0.5	
EOS1	EOS1 baz=48	1.28 58	eP	Pg	12 06 01.2 +0.5	
EOS1	baz=48		eS	Pg	12 05 44.8 +0.4	
MASBT	Mashuluo baz=206	1.29 193	iP	Pn	12 06 02.2 +0.8	
MASBT	baz=206		eS	Pn	12 05 44.8 +0.4	
PHUB	Peng-hu baz=256	1.30 254	iP	Pn	12 05 44.2 -0.1	
PHUB	baz=256		S	Sb	12 06 01.6 +0.5	
PHUB	Peng-hu baz=256	1.30 254	iP	Pn	12 05 43.4 -1.1	
PHUB	baz=256		S	Sb	12 06 00.4 -1.1	
PNG	Penghu baz=258	1.30 257	iP	Pn	12 05 43.4 -1.0	
PNG	baz=258		eS	Sb	12 06 00.8 -0.7	
WDGT	Dungli baz=245	1.32 243	eP	Pn	12 05 43.7 -1.0	
WDGT	baz=245		eS	Sb	12 06 01.5 -0.6	
TIPB	Shingxi baz=35	1.36 36	iP	Pg	12 05 45.4 +0.1	
TIPB	baz=35		eS	Pn	12 05 45.4 +0.1	
NTST	Danshui baz=50	1.36 20	eP	Pg	12 05 47.1 +0.4	
NTST	baz=50		eS	Pg	12 05 47.1 +0.4	
YM04	YM04 baz=22	1.38 231	eP	Pg	12 05 46.5 -0.6	
YM04	baz=22		eS	Pg	12 06 05.0 -0.2	
YM01	YM01 baz=23	1.39 24	eP	Pn	12 05 45.9 +0.2	
YM01	baz=23		eS	Sg	12 06 06.1 +0.8	
YM10	YM10 baz=22	1.40 24	eP	Pn	12 05 46.0 +0.2	
YM10	baz=22		eS	Pn	12 05 46.0 +0.2	
YM05	YM05 baz=22	1.40 24	eP	Pn	12 05 46.8 -0.7	
YM05	baz=22		eS	Pg	12 05 04.1 +0.2	
ANP	Anpu baz=29					

30d 12hr

Table with columns: TRF, Station Name, Time, Res, etc. Includes stations like Thorfare Moun, Burrit Mountain, Grafenberg Arr.

IDC 30 12:24:07.6:1.1, 5.06S:149.10E, h0km, mb4.1/4, mb1 4.4/5, mb1mx3.8/7, mbmtp4.2/5, ML4.2/1, Error ellipse: s-maj=50.6km s-min=19.4km az=145.0

NEIC 30 12:24:08.8:1.2, 5.16S:0.04x148.95E:0.1, h10km, 1km, mb4.2/20

ISCJB 30 12:24:10.3:0.3, 5.15S:0.05x148.99E:0.05, h33km, mb4.0/3, Error ellipse: s-maj=8.4km s-min=6.4km az=44.9

ISC 30 12:24:12.0:0.5, 5.04S:0.06x149.06E:0.07, h35km, n41, r159/43, mb4.1/12, New Britain region

Main station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, etc. Includes stations like Keravat, Manu, PMG, etc.

NEIC 30 12:25:19.3:1.2, 5.07S:0.06x148.95E:0.08, h10km, 1km, mb5.1/58

IDC 30 12:25:19.2:0.6, 4.94S:148.91E, h0km, mb4.6/20, mb1 4.7/22, mb1mx4.5/38, mbmtp4.6/22, ML3.9/2, MS4.7/10, MS1 4.7/10, ms1mx4.6/14, Error ellipse: s-maj=18.8km s-min=12.4km az=92.0

ISCJB 30 12:25:21.6:0.2, 5.03S:0.03x148.96E:0.04, h33km, mb5.1/36, MS5.0/25, Error ellipse: s-maj=5.1km s-min=4.2km az=164.6

DJA 30 12:25:22.4:0.5, 5.5S:14.9E, h28km, 3km, M5.0/24, mb5.4/9, mb5.0/24, MLV5.1/1, Mw(mB)4.9/9

BUI 30 12:25:24.0:0.0, 4.73S:148.75E, h31km, mb4.9/51, mb5.2/42, Ms5.1/43, Ms7.4/42

GCMT 30 12:25:26.1:0.1, 4.94S:0.01x148.91E:0.01, h12km, MW5.4/146, Moment Tensor Solution, s18,c195; s146,c288; Duration: 1s2 Moment tensor: Scale 10^17 Nm; Mn-0.27z:0.2; M00.73z:0.2; M00-0.46z:0.2; M00.06z:0.4; M00.141z:0.1; M00.34z:0.4; Best double couple: Mo1.57100x10^17 NP1.9z192.00000, s86.00000, lambda-167.00000. NP2.9z101.00000, s77.00000, lambda-4.00000. Principal axes: T 1.6930, P1g7.0000, Azm326.0000; N -0.2440, P1g76.0000; Azm206.0000; P -1.4500, P1g12.0000; Azm57.0000; nst1 refers to body waves, cutoff=90s. nst2 refers to surface waves, cutoff=90s. Triaxial moment-rate function

ISC 30 12:25:23.3:0.3, 5.04S:0.04x149.04E:0.05, h35km, n185, r156/165, mb5.0/62, MS5.0/25, 1C-1D, New Britain region

Continuation of station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, etc. Includes stations like Keravat, Manu, PMG, etc.

2013 SEP

Main station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, etc. Includes stations like BNDI, MTN, MSAI, Eidsvold, etc.

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Main station list table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, etc. Includes stations like RPSI, NONG, USA0B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WMQ, BILB, MK31, MKAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like mb4.4/12, ISC 30 12:37:15.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EIL, AAK, FRU1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCJB 30 12:30:51.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JSN 30 12:41:40.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCJB 30 12:58:11.7, etc.







Table with columns: Station Name, Time, Res, and various parameters. Includes stations like YSS, YSS, YSS, KSRs, KSRs, KSRs, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like IMAR, Indian Mountain, Pulchoki, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like OBN, Obninsk, LPSR, Galich'ya Gora, etc.

BER 30 14:07:06.0:1.0,61'45N:6'00E,h0km,ML0.7,1C, Suspected explosion, Southern Norway

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HYA, HYA, HYA, etc.

HEL 30 14:07:56.9:0.2,67'84N:20'11E,h0km,ML1,4, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LANU, Lanavaara, KIF, Kilpisjärvi, etc.

IDC 30 14:23:12.6:1.6,41'58N:140'96E,h0km,mb3.3/2, mb1.3/4,mb1mx3.2/34,mbtrmp3.2/4,ML2.52,MS2.9/2, Ms1.2/9.2,ms1mx2.6/19,Ernt ellipse: s-maj=48.3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for YAG, JSS, JRB, JWK, JAW, etc.

CRAAG 30 14:24:47.1, 36.000N, 3.79E, M3.6
MDD 30 14:24:49.0, 0.6, 35.99N, 3.78E, h0km, mb4.0/18, Error ellipse: s-maj=10.2km s-min=3.7km az=12.0, PRXIMO

ISC 30 14:24:48.2, 1.3, 36.01N, 0.06, 3.79E, 0.03, h8km, 8km, n42, r16751, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for AKET, ADJB, ADUF, ATAF, EMHD, SET, etc.

ISC 30 14:45:52.1, 1.7, 37.76S, 177.58E, h0km, mb3.8/2, mb1.4/0.3, mb1mx3.8/5, mbtmp3.8/3, ML3.5/1, MS3.2/1, Ms1.3/2.1, ms1mx2.7/23, Error ellipse: s-maj=42.0km s-min=23.0km az=110.0

NEIC 30 14:45:53.9, 2.8, 37.16S, 0.04, 177.32E, 0.06, h0km, 1km, mb4.6/6

ISCJB 30 14:45:56.2, 0.3, 37.65S, 0.02, 177.26E, 0.02, h27km, 2km, mb3.6/2, Error ellipse: s-maj=3.8km s-min=3.1km az=20.5

WEL 30 14:45:56.7, 0.4, 38.5S, 3.17E, h5km, M4.2/37, ML4.4/29, MLv4.2/37, Error ellipse: s-maj=0.0km s-min=0.0km az=177.2

ISC 30 14:45:56.2, 0.3, 37.65S, 0.03, 177.25E, 0.02, h19km, 2km, n158, r15/171, mb4.4/5, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WIZ, WHR, HAZ, HAZ, HAZ, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for LIRZ, TWGZ, TGRZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for VNA1, ARAO, ARCS, etc.

NIED 30 14:50:00.36, 60N, 141.80E, h32km, Mw3.4 Best double couple: M0.16000x10^14 NP1.9x235.00000, S42.00000, lambda-62.00000, NP2.0x20.00000, S54.00000, lambda-17.2.00000

ISC 30 14:50:50.5, 1.1, 36.60N, 142.14E, h0km, mb3.7/4, mb1.3/6, mb1mx3.5/56, mbtmp3.6/6, ML2.8/2, Error ellipse: s-maj=41.1km s-min=21.8km az=107.0

ISCJB 30 14:50:51.6, 0.8, 36.60N, 142.01E, 0.05, h19km, mb3.8/4, Error ellipse: s-maj=7.6km s-min=6.3km az=2.7

ISC 30 14:50:55.3, 0.2, 36.62N, 141.83E, h48km, M3.5, JMA 30 14:50:53.4, 1.1, 36.63N, 141.95E, 0.07, h19km, n21, r1500/19, mb3.8/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ONJO, JHO, JHYU, etc.

ISC 30 15:07:20.1, 3.5, 35.94N, 35.07W, h0km, mb3.5/4, mb1.3/7, mb1mx3.3/56, mbtmp3.5/4, MS3.0/6, Ms1.3/0.6, ms1mx2.7/35, Error ellipse: s-maj=47.5km s-min=29.2km az=35.0, Reykjanas Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BORG, SCGH, JMJC, YKA, etc.

ISCJB 30 15:08:23.1, 1.0, 1.1N, 0.1E, 127.0E, 0.1, h10km, mb3.5/3, MS4.0/2, Error ellipse: s-maj=23.8km s-min=8.1km az=141.2

ISC 30 15:08:24.2, 0.4, 0.86N, 127.12E, h0km, mb3.5/3, mb1.3/9, mb1mx3.3/54, mbtmp3.8/3, MS4.0/2, Ms1.4/0.2, ms1mx2.9/25, Error ellipse: s-maj=211.0km s-min=27.2km az=66.0

DJA 30 15:08:25.0, 0.5, 1.1N, 4.12E, h11km, 5km, M3.2/5, MLv3.2/5

ISC 30 15:08:24.5, 1.2, 1.14N, 0.09, 127.2E, 0.2, h10km, n9, r181/9, mb3.6/3, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TNTI, LBMI, SAGI, etc.

ISCJB 30 15:08:26.9, 0.4, 15.09S, 0.04, 72.32W, 0.06, h114km, mb4.2/8, Error ellipse: s-maj=8.3km s-min=4.8km az=162.6

NEIC 30 15:08:26.5, 3.0, 15.01S, 0.09, 72.49W, 0.06, h104km, 8km, mb4.6/14

ISC 30 15:08:27.9, 1.8, 15.04S, 72.40W, h11km, 16km, mb4.0/7, mb1.3/14, mb1mx3.7/36, mbtmp4.1/14, MS3.1/4, Ms1.3/1.4, ms1mx2.8/23, Error ellipse: s-maj=18.1km s-min=14.2km az=29.0

VAO 30 15:08:40.0, 4.0, 14.75S, 71.44W, h156km, 5km, mb4.3/3, ISC 30 15:08:27.5, 0.5, 15.09S, 0.05, 72.33W, 0.06, h114km, n77, r240/75, mb4.4/11, Southern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for LPAZ, LPZ, LPZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, LVC Limon Verde, ATAH Athaialpa, etc.

ICD 30 15:33:49.1.1.55384N:34.45W, h0km, mb3.6/7, mb1.3/9, mb1mx3.0/3, mbtmp3.6/7, MS3.2/5, Ms1.3/2.5, ms1mx2.8/3, Error ellipse: s-maj=33.6km s-min=22.6km az=2.0. Reykjanis

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSTAR Array B, ARCES ARCES Array B, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIUE Niue, AFI Afiamatou, RAR Rarotonga, etc.

ISK 30 15:47:46.8.36.99N:29.25E, h6km, ML2.1/1, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GOLH Golhisar, FETY Fethiye, DALY Dalyan (Mula), etc.

ICD 30 15:48:40.2.1.5.3.92N:127.08E, h0km, mb3.3/3, mb1.3/4.3, mb1mx3.3/2.9, mbtmp3.3/3, ML3.3/1, Error ellipse: s-maj=111.3km s-min=23.9km az=62.0, Taloud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, WRA Warrunganga Arr, ASAR Alice Springs, etc.

NORS 30 16:04:42.1.0.4.27'32N:45.30E, h3km, MPVA3.4 TIF 30 16:04:43.1.0.4.27'45.18E, h10km, 3km

ICD 30 16:04:42.7.1.2.42.40N:019.45E, h3km, n11km, n21, c147/40, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUDG Gudauri, TBLG Delisi, BTNK Botanikuri, etc.

ICD 30 16:23:18.7.4.8.31.31'35S:138.64E, h0km, mb1.3/0.3, mb1mx3.0/2.1, mbtmp2.8/3, ML2.2/3, Error ellipse: s-maj=91.0km s-min=23.2km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCRK Leigh Creek, LCRK Hallett, BBOO Buckleboob, etc.

ISK 30 16:42:47.7.37.52N:35.85E, h9km, ML2.0/6 DDA 30 16:42:47.9.37.52N:35.87E, h7km, ML2.7, ISCBJ 30 16:42:48.3.0.5.37.50N:0.04:35.88E:0.03, h7km, 7km, Error ellipse: s-maj=69.0km s-min=4.5km az=175.1

ICD 30 16:42:47.3.16.3754N:0.04:35.86E:0.03, h12km, n13km, n13, c054/19, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKO Adana, ANDN Andirin, SAIM SAIM, CEYT Ceyhan, etc.

ICD 30 16:49:06.1.1.9.790S:118.24E, h0km, mb3.3/2, mb1.3/5.5, mb1mx3.4/3.3, mbtmp3.3/5, ML3.2/3, Error ellipse: s-maj=58.2km s-min=23.3km az=63.0

ISCBJ 30 16:49:11.3.0.5.7.78S:0.04:118.66E:0.05, h33km, mb3.4/2, Error ellipse: s-maj=8.2km s-min=5.5km az=32.3

DJA 30 16:49:11.6.0.9.8.5.3.11'9E.1, h21km, 9km, M3.9/13, mb4.8/13, ML3.8/13

ICD 30 16:49:11.8.9.7.82S:0.05:118.66E:0.05, h35km, n15, c189/11, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, WBSI Waikabubak, BKSJ Bungkuba, etc.

MDD 30 17:04:53.2.6.36.96N:15.85W, h0km, mb4.3/19, Error ellipse: s-maj=23.2km s-min=20.7km az=44.0, PRXIMO

INMG 30 17:04:54.1.2.7.36.58N:16.22W, h10km, ML2.9, Error ellipse: s-maj=10.0km s-min=4.7km az=121.0

ICD 30 17:04:53.4.0.1.36.99N:15.7W:0.2, h10km, n44, c122/52, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMPST Porto Santo, PMAR Madeira, PMAFR Mafra, etc.



30d 19h

Table with columns: WHO, Visto Hermosa, 2.77 76 i P, Pn, 18 11 24.2 -2.8, etc.

ISCJB 30 18:11:43.4±1.2, 16:94S:0'05:26.2E±0.1, h10km, Error ellipse: s-maj=14.5km s-min=6.9km az=13.5

EAF 30 18:11:47.0±2.0, 16:95S:26:43E, h0km±20km, MD3.7

BUL 30 18:11:48.1±1.6, 16:96S:26:38E, h0km±14km, MD3.8

ISC 30 18:11:44.2±1.4, 19:03S:0'05:26.29E±0.09, h10km, n10, c#293/18, Zimbabwe

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like MATP Matopo, ITZH Itzehi-Tezhi, LSZ Lusaka, etc.

GCG 30 18:41:15.7±0.6, 14:44N:92:68W, h42km±645km, MD4.5

SNET 30 18:41:20.5±1.5, 14:35N:92:26W, h66km±23km, ML4.6

ISCJB 30 18:41:21.2±0.6, 14:43N:0'06:92.12W±0.04, h79km±4km, mb3.9/5, Error ellipse: s-maj=11.2km s-min=3.8km az=35.4

NEIC 30 18:41:21.8±2.7, 14:42N:0'04:92.09W±0.05, h66km±6km, mb4.5/34, MD4.2(MEX)

MEX 30 18:41:21.9±0.5, 14:36N:92:07W, h62km±9km, MD4.2

IDC 30 18:41:22.9±1.6, 14:35N:92:01W±1.84km, 13km, mb3.7/5, mb1.4/0.9, mb1mx3.6/4.2, mbmtpp4.1/9, MS3.1/6, 1/6, ms1mx2.7/33, Error ellipse: s-maj=21.6km s-min=8.2km az=24.0

ISC 30 18:41:21.7±0.9, 14:45N:0'07:92.11W±0.05, h69km±7km, n89, c#150/99, mb4.4/20, 3C-ID, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like THIG, FUG Fuego 3, IXP Ixpaco, etc.

224nm, 0.3s, baz=154, slow=20, SNR=15

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like NBG Las Nubes, CCIG Comitán, etc.

36nm, 0.3s, baz=234, slow=18, SNR=11

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, PACA Pacayal, etc.

comp=Z, 1.1nm, 0.5s, baz=103, slow=8.5, SNR=42

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like CNCH Conchagua, TGHU Tegucigalpa, etc.

comp=Z, 1.1nm, 0.6s

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like ESTN Estel, TEIG Tepich, etc.

comp=Z, 2.0nm, 0.3s, baz=189, slow=0.5, SNR=94

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like TLIG Tiapa, ACON Acopya, etc.

comp=Z, 0.7nm, 0.3s, baz=274, slow=19, SNR=2.4

2013 SEP

Main table for 2013 SEP, columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like CCUT Cedar City, PDAR Pinedale Array, ELK Elko, etc.

ISC 30 18:51:47.4±2.4, 47:96N:152:42E, h156km±22km, mb3.0/5, mb1.3/2.9, mb1mx3.0/4.6, mbmtpp3.6/9, Error ellipse: s-maj=32.4km s-min=16.1km az=130.0

ISC 30 18:51:44.2±1.2, 47:97N:0'2:152.4E±0.2, h117km, n15, c#214/9, mb3.4/5, Kuril Islands

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, ASAJ Asahikawa, USRK Uzuryskiy Arr, etc.

MAN 30 18:54:14.1, 15:05N:119:69E, h1km, MS3.8, Luzon

ISCJB 30 19:00:01.0±0.9, 46:97N:0'10:148.1E±0.2, h400km, mb2.9/3, Error ellipse: s-maj=23.3km s-min=8.2km az=29.1

IDC 30 19:00:01.8±2.9, 47:75N:147:81E, h350km±52km, mb2.8/3, mb1.2/9.5, mb1mx2.6/4.7, mbmtpp3.6/5, Error ellipse: s-maj=68.0km s-min=25.4km az=161.0

ISC 30 19:00:01.3±1.3, 46:81N:0'10:148.3E±0.2, h400km, n16, c#133/21, mb3.1/3, Northwest of Kuril Islands

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro, JNK Nakash, etc.

comp=Z, 2.1nm, 0.6s, baz=335, slow=19, SNR=1.6

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like TXAR Lake Whitney, TXAR Lajitas Array, etc.

comp=Z, 0.1nm, 0.3s, baz=150, slow=11, SNR=16

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like TX31 Lajitas Arr, TX32 Lajitas Array, etc.

comp=Z, 2.8nm, 0.8s, baz=206, slow=38

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like T47A Sharon Grove, 121A Cookes Peak, etc.

comp=Z, 10nm, 0.9s

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like BNM Barren Site, LEMN Lemitar, etc.

1626

ISCJB 30 19:06:09.7±0.2, 21:07S:0'05:179W±0.05, h619km, mb4.4/23, Error ellipse: s-maj=6.7km s-min=4.8km az=141.7

NEIC 30 19:06:11.1±1.5, 21:05S:0'1:179W±0.01, h624km±6km, mb4.7/56

IDC 30 19:06:12.2±1.3, 21:14S:179:08W, h638km±14km, mb3.8/22, mb1.3/9.24, mb1mx3.8/38, mbmtpp4.8/24, Error ellipse: s-maj=13.3km s-min=11.2km az=86.0

ISC 30 19:06:10.5±0.3, 21:11S:0'06:179.02W±0.06, h619km, n219, c#89/235, mb4.7/51, 19C-9D, Fiji Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, NIUE Niue, etc.

comp=Z, 10nm, 0.5s, baz=101, slow=22, SNR=3.0

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like ARMA Armidale, ARMA Armidale, etc.

comp=Z, 9.8nm, 0.8s

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like RMQ Roma, CNT Canberra Magne, etc.

comp=Z, 2.9nm, 0.4s, baz=92, slow=11, SNR=74

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, QMSA Cobar Meteorol, etc.

comp=Z, 3.7nm, 0.7s, baz=86, slow=6.5, SNR=10.0

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMSU Mount Surprise, etc.

comp=Z, 2.1nm, 0.8s

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like QIS Mount Isa, HTT Hallett, etc.

comp=Z, 2.8nm, 0.7s

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like BBOW Bucklebo, BBOW Bucklebo, etc.

comp=Z, 5.5nm, 0.9s, baz=93, slow=14, SNR=22

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRAB Tennant Creek, etc.

comp=Z, 3.9nm, 0.9s

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like WR1 Warrunguna Arr, WR1 Warrunguna Arr, etc.

comp=Z, 2.4nm, 0.5s, baz=92, slow=4.8, SNR=514

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like QSPA, QSPA, QSPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KWP, KWP, KWP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like comp=Z.789nm,0.2s, GCAM, etc.

30d 20h

YUK2	White River	6.14 268	Pn	Pn	19 40 32.4	-1.8
YUK2			Sg	Sb	19 42 11.6	+7.6
INK	Inuvik	6.16 340	Pn	Pn	19 40 33.5	-0.8
KUKN	Kugluktuk,NWT	7.46 40	Pn	Pn	19 40 50.8	-1.4
KUKN			Sn	Sn	19 42 11.9	+5.3

ADC 30 19:42:38.0±1.9,7.53S,124.89E,h0km,mb3.3/1,mb1 3.8/3,mb1mx3.5/29,mbtm3.6/3,ML3.7/2,Error ellipse: s-maj=180.1km s-min=31.4km az=60.0, Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
WRA	Warramunga Arr	15.37 144	Op	19 46 15.9	+0.5
THIG	0.4nm,0.3s,baz=319,slow=13,SNR=34		Pn		
WRA			Sn	19 48 57.4	-1.0
ASAR	Alice Springs	18.23 153	P	19 46 53.0	+0.1
ASAR	0.1nm,0.3s,baz=323,slow=11,SNR=7		Sn		
MKAR	Makanchi Array	65.99 329	P	19 53 26.3	-0.1
MKAR	0.2nm,0.3s,baz=317,slow=20,SNR=8.2		P		
MKAR	0.3nm,0.7s,baz=134,slow=8.3,SNR=4.0		P		

MEX 30 19:44:47.0±0.4,16.66N,92.21W,h96km,gkm,MD3.5, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
THIG		1.62 347	iP	19 44 59.4	-1.5
THIG			Pn	19 45 09.6	-1.7
CCIG	Comitan	0.26 2	iS	19 45 13.6	-1.1
CCIG			iS	19 45 34.0	-1.7

ADC 30 20:21:13.9±0.7,55.62N,34.71W,h0km,mb3.7/13,mb1 3.9/13,mb1mx3.7/41,mbtm3.7/13,MS3.8/35,MS1 3.8/35,ms1mx3.8/43,Error ellipse: s-maj=22.8km s-min=15.6km az=4.0

ISCJB 30 20:21:15.3±0.3,55.70N,0.0734W,0.07 h10km,mb3.8/14,MS3.8/32,Error ellipse: s-maj=10.2km s-min=5.1km az=161.5

NEIC 30 20:21:17.0±2.1,55.7N,0.1344W,0.2, h10km,1km,mb4.7/40

GCMT 30 20:21:19.0±0.3,55.82N,0.0234W,0.03 h12km,MM4.7/90,Moment Tensor Solution. s12,c12; s90,c109; Duration: 0 Moment tensor: Scale 10<sup>10</sup>Nm; Mr=0.01±0.06; Mw=0.73±0.07; Mw0=0.74±0.05; Mw0=0.76±0.17; Mw0=1.1±0.16; Best double couple: M1.553000,1016 Np1.8872,00000,0.882,00000,0,0.200000; NP2: p1.66,00000,0.665,00000,0,0.171,00000; Principal axes: T 1.4230,Plg 12.0000; Azm 122.0000; W 0.2470,Plg63.0000; Azm236.0000; P -1.6770,Plg24.0000; Azm26.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 30 20:21:16.8±0.5,55.62N,0.09342W,0.07, h10km,n92,0.1532/70,mb4.6/30,MS3.8/32,Reykjanes Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
BORG	Borgarnes	11.21 30	Op	20 24 00.0	+3.2
BORG	0.4nm,0.3s,baz=220,slow=3.5,SNR=2.4		Pn		
BORG			Sn	20 26 00.7	-1.4
BORG	0.4nm,0.3s,baz=249,slow=6.2,SNR=10		LR	20 27 07.6	
BORG	comp=Z,3um,19.3s,baz=237,slow=31		LR		
BORG	Borgarnes	11.21 30	Pn	20 23 58.2	+1.4
SCHQ	Schefferville	14.82 281	LR	20 31 05.2	
FRB	Frishofer Bay	18.84 309	LR	20 31 15.7	
FRB	0.5nm,0.7s,baz=19,slow=5.7,SNR=32		LR		
BATG	Bathurst New B	21.25 260	P	20 26 05.2	+2.3
LMN	Caladonia Moun	21.41 256	P	20 26 03.9	-0.6
F64A	Sherman	23.36 260	P	20 26 25.5	+0.3
F64A			Iamb	20 26 30.5	

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
NB200	NORSAR Array S	24.15 58	P	20 26 32.7	0.0
NOA	NORSAR Array B	24.15 58	P	20 26 32.7	0.0
NOA	comp=Z,1.1nm,0.9s,baz=279,slow=10,SNR=3.1		P		
NOA			P	20 35 06.0	
HFS	Hagfors	25.51 60	P	20 36 04.8	
HFS	comp=Z,7.9nm,18.6s,baz=262,slow=35		P		
ESDC	Somseca Array	25.70 116	P	20 26 47.7	+0.7
ESDC	comp=Z,0.2nm,0.5s,baz=324,slow=8.4,SNR=3.1		P		
ESDC			P	20 35 16.4	

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
SPITS	Spitsbergen Arr	28.39 20	LR	20 35 28.6	
SPITS	comp=Z,1.6nm,21.7s,baz=285,slow=30		LR		
DAVOX	Davos/Dischmat	28.69 89	LR	20 38 32.4	
DAVOX	comp=Z,3.61nm,18.1s,baz=277,slow=36		LR		
ARCES	ARCES Array B	29.44 38	P	20 27 19.2	-0.9
ARCES	comp=Z,2.9nm,0.9s,baz=297,slow=12,SNR=3.2		P		
ARCES			P	20 36 51.9	
ARA0	ARCES Array S	29.44 38	P	20 27 19.2	-0.9
GERES	GERES Array B	29.73 83	LR	20 38 28.5	
GERES	comp=Z,1.6nm,20.1s,baz=288,slow=35		LR		
RES	Resolute Bay	29.75 83	LR	20 38 35.8	
RES	comp=Z,1.6nm,18.1s,baz=44,slow=35		LR		

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
SADO	Sadowa	30.10 268	LR	20 38 01.7	
SADO	comp=Z,1.27nm,18.4s,baz=35,slow=34		LR		
FIAT	FINESS Array S	31.08 54	P	20 27 34.2	-0.5
FINES	FINESS Array B	31.08 54	P	20 27 34.2	-0.5
FINES	comp=Z,2.0nm,1.0s,baz=203,slow=10,SNR=2.4		LR	20 38 42.6	
O56A	Gnyder Ridge	33.87 260	P	20 28 00.9	+1.6
O52A	Adamsville	34.62 264	P	20 28 07.5	+1.6
KEST	Keasa	35.70 105	LR	20 41 19.4	
ULM	Lac du Bonnet	36.35 288	LR	20 41 45.5	
ULM	comp=Z,4.6nm,18.8s,baz=288,slow=34		LR		
AKASG	Malin Array Be	37.28 70	P	20 28 25.5	+0.1
AKASG	comp=Z,0.2nm,0.3s,baz=309,slow=8.2,SNR=4.3		P		
PAULI	Pauline	38.37 257	P	20 28 40.7	+2.9
PAULI	Edmonton	38.37 263	P	20 28 40.7	+2.9
TKL	Tuckaleechee C	38.84 260	P	20 28 38.5	-3.4
TKL	comp=Z,3.5nm,0.7s,baz=56,slow=7.3,SNR=12		P		
BG3	Lake Jocassee	38.86 259	P	20 28 42.4	+0.4
V51A	Loudon	39.06 261	P	20 28 42.7	-1.0
YKA	Yellowknife Arr	39.25 314	LR	20 43 25.0	
YKA	comp=Z,2.2nm,19.1s,baz=66,slow=34		LR		
ECSD	EROS Data Cent	40.61 280	P	20 28 56.5	0.0
WWT	Waverly	40.78 264	P	20 28 55.9	-2.1
WWT			Iamb	20 30 06.1	

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC
MJAR	Mount Ida	45.17 268	P	20 29 34.6	+1.1
BRI10	Keokuk Array S	46.55 80	P	20 29 43.6	-1.0
BRI13	Keokuk Array S	46.55 80	P	20 29 45.0	+0.4
BRTT	Keokuk Array B	46.55 80	P	20 29 43.6	-1.0
BRTT	comp=Z,1.6nm,0.8s,baz=300,slow=6.3,SNR=5.9		LR	20 49 49.3	
BRTT			LR	20 49 49.3	
YNE	Yellowstone No	47.11 290	P	20 29 49.0	0.0
BOZ	Bozeman (W)	47.55 292	Iamb	20 29 54.7	+2.2
BOZ			Iamb	20 29 56.4	
WMOK	Wichita Mountain	47.99 272	P	20 29 56.8	+1.1
WMOK			Iamb	20 29 59.7	
ARU	Art	48.06 48	P	20 29 55.8	0.0
ISCO	Idaho Springs	48.24 282	P	20 29 58.2	+0.2
PD31	Pinedale Array	48.37 288	P	20 29 57.4	-1.3
PD31			Iamb	20 30 01.2	
PDAR	Pinedale Array	48.37 288	P	20 29 55.8	-2.9
PDAR	comp=Z,0.8nm,0.7s,baz=69,slow=9.3,SNR=8.0		LR	20 49 12.6	
PDAR			LR	20 49 12.6	
PDAR	comp=Z,3.2nm,18.6s,baz=63,slow=35		LR		
NRK	Norik	48.37 288	P	20 29 56.9	-1.9
NRK	comp=Z,2.4nm,18.7s,baz=338,slow=36		P	20 50 44.1	
IL31		49.37 329	P	20 30 05.5	-0.2
IL31			Iamb	20 30 06.2	
ILAR		49.37 329	P	20 30 04.4	-1.5
ILAR	comp=Z,0.5nm,0.7s,baz=36,slow=5.4,SNR=6.6		PcP	20 31 27.6	-0.5
ILAR			PcP	20 31 27.6	-0.5
ILAR	comp=Z,0.3nm,0.6s,baz=2.4,slow=2.6,SNR=3.4				

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ILAR	comp=Z,1.95nm,19.4s,baz=65,slow=36	LR	20 50 30.6		
ILAR	Eielson Array	49.37 329	P	20 30 05.0	-0.9
AMTX	Amarillo	49.52 275	P	20 30 07.7	+0.2
AMTX			Iamb	20 30 12.3	
TOA1	Torodi Arr. Sit	50.76 132	P	20 30 16.8	-0.1
TORD	Torodi Arr. Be	50.76 132	P	20 30 16.8	-0.1
TORD	comp=Z,0.7nm,0.8s,baz=337,slow=11,SNR=5.7	LR	20 49 27.3		
TORD	comp=Z,9.4nm,21.6s,baz=325,slow=33	LR	20 49 27.3		
TORD	Torodi Arr. Be	50.76 132	P	20 30 17.9	+0.9
PV12	Saucer Basin,	50.15 283	P	20 30 19.6	+0.4
PV12			Iamb	20 30 24.8	
PV02	Paradox Valley	51.09 283	P	20 30 20.4	+0.9
PV02			Iamb	20 30 24.4	
PV11	comp=Z,6.4nm,0.9s	P	20 30 19.6	+0.1	
PV11	David Mesa, Pa	51.10 283	P	20 30 24.5	
PV11	comp=Z,1.3nm,1.0s	Iamb	20 30 24.5		
PV16	Nyswonger Mesa	51.12 283	P	20 30 20.1	+0.4
PV16			Iamb	20 30 40.6	
PV03	Paradox Valley	51.12 283	P	20 30 22.0	+2.3
PV03			Iamb	20 30 25.0	
PV18	comp=Z,1.4nm,1.4s	P	20 30 20.3	+0.3	
PV18	Skein Mesa, Pa	51.18 283	P	20 30 24.8	
PV18	comp=Z,9.5nm,1.0s	Iamb	20 30 24.8		
PV17	East Wray Mesa	51.57 290	P	20 30 20.2	+0.2
PV17			Iamb	20 30 24.8	
PV13	comp=Z,10nm,0.9s	P	20 30 20.4	+0.2	
PV13	Paradox Valley	51.38 283	P	20 30 20.6	-1.1
PV05			Iamb	20 30 25.1	
PV05	comp=Z,7.2nm,0.7s				

ELK	Elko	52.83 290	P	20 30 35.1	+2.6
ABKAR	Abokulak array	53.57 54	P	20 30 37.7	+0.7
ABKAR	Abokulak array	53.57 54	P	20 30 38.1	+0.7
DBIC	Dimbokro	54.19 143	P	20 30 41.5	-0.8
DBIC	comp=Z,3.3nm,0.6s,baz=334,slow=5.7,SNR=7.5	LR	20 51 26.0		
DBIC	Dimbokro	54.19 143	P	20 30 41.5	-0.8
DBIC	comp=Z,11nm,19.4s,baz=344,slow=33	LR	20 50 52.2		
KNB	Kanab	54.20 285	P	20 30 43.9	+1.4
R11A	Troy Canyon, C	54.73 288	P	20 30 48.1	-1.8
R11A			Iamb	20 31 07.3	

TXAR	Lajitas Array	54.77 272	LR	20 53 36.6	
TXAR	comp=Z,1.74nm,19.0s,baz=20,slow=36	LR	20 53 36.6		
KVN	Kaiserville	55.27 290	P	20 30 53.6	+1.2
NUAR	Minna Array Ba	56.13 290	P	20 30 53.7	-2.8
NUAR	comp=Z,0.1nm,0.3s,baz=61,slow=9.4,SNR=2.5		LR	20 54 18.9	
ROSC	El Rosal	59.22 228	LR	20 56 23.9	
ROSC	comp=Z,1.7nm,21.5s,baz=				

mb4.5/17  
ISC 30 20:46:09.0,0.6,2.29N,0.06,-96.30E,0.08,h30km,m62,  
c084/58,mb4.4/17,M53.3/3,Northern Sumatera

Code	Station Name	Δ° AZ°	Phase	IDC	Time	Res
				Op	h m s	ISC
KCSI	Kotacane, Aceh	1.91 50	P	Pn	20 46 40.7 +1.1	
MLSI	Meulaboh, Aceh	2.06 45	P	Pn	20 46 40.7 +1.1	
RFSI	Ranta L Prapat	2.65 81	P	Pn	20 46 40.7 +1.1	
PSI	Prapat	2.67 79	Pn	Pn	20 46 50.1 0.0	
PSI	8.5nm,0.3s,baz=267,slo=17,SNR=5			Sr	20 47 23.1 +1.6	
PSI	comp=Z,8.2nm,21.2s,baz=318,slo=36			LR	20 47 42.0	
PBSI	Pulau Batu	3.06 140	P	Pn	20 46 56.3 +0.9	
SISI	Saibi	4.55 142	P	Pn	20 47 17.3 +1.4	
IPM	Ipoeh	5.19 65	P	Pn	20 47 25.6 +0.2	
PDSI	Padang	5.24 127	P	Pn	20 47 26.8 +1.2	
KULM	Kulim	5.26 55	P	Pn	20 47 26.3 +0.7	
KRJI	Kerinci	6.75 130	P	Pn	20 47 48.6 +2.3	
TNG	Tangerang	13.32 129	P	P	20 49 23.6 -1.9	
TNG				P	20 49 23.6 -1.9	
LEM	Lembang	14.48 129	LR	P	20 50 27.7	
CM31	Chiang Mai Arr	16.27 9	Pn	Pn	20 49 55.7 +0.1	
CMAR	Chiang Mai Arr	16.27 9	Pn	Pn	20 49 55.9 +0.3	
CMAR	0.1nm,0.3s,baz=196,slo=11,SNR=29			LR	20 56 47.9	
PALK	Pallekele	16.31 288	LR	LR	20 55 52.4	
	comp=Z,5.0nm,18.7s,baz=165,slo=39					
H0S2	Diego Garcia H	25.73 247	T	T	21 18 11.2	
	baz=69,slo=75,SNR=450					
H0S3	Diego Garcia H	25.73 247	T	T	21 18 09.8	
	baz=68,slo=75,SNR=395					
H0S1	Diego Garcia H	25.74 247	T	T	21 18 10.9	
	baz=68,slo=75,SNR=450					
LSA	Lhasa	27.69 350	P	P	20 51 55.5 +0.3	
BATI	Baumata	29.94 115	LR	LR	20 07 24.0	
ENH	Enshi	30.50 23	P	P	20 52 19.3 -0.4	
ENH			Iamb	Iamb	20 52 26.5	
	comp=Z,1.3nm,1.3s					
XAN	Xi'an	33.71 19	P	P	20 52 47.2 -0.5	
FITZ	Fitzroy Crossi	35.29 126	P	P	20 52 59.8 -1.8	
	comp=Z,0.7nm,0.7s,baz=291,slo=8,SNR=3.6					
FITZ	Fitzroy Crossi	35.29 126	P	P	20 53 00.5 -1.1	
H01W3	Cape Leeuwin H	40.59 157	T	T	21 36 49.5	
	baz=333,slo=76,SNR=103					
H01W2	Cape Leeuwin H	40.60 157	T	T	21 36 50.8	
	baz=333,slo=76,SNR=103					
H01W1	Cape Leeuwin H	40.61 157	T	T	21 37 01.5	
	baz=333,slo=76,SNR=78					
BJT	Bajitauat	41.66 23	P	P	20 53 55.3 +0.5	
WRA	Warramunga Arr	43.37 122	P	P	20 54 08.6 -0.5	
	comp=Z,0.7nm,0.5s,baz=297,slo=2,SNR=12					
WRA			PcP	PcP	20 55 57.5 0.0	
WR1	Warramunga Arr	43.37 122	P	P	20 54 08.6 -0.5	
WR1			PcP	PcP	20 55 57.5 0.0	
BTK	Batken	44.13 332	Iamb	Iamb	20 54 15.1 +0.1	
BTK			Iamb	Iamb	20 54 19.7	
	comp=Z,8.2nm,1.4s					
ARSB	Arsianlob	44.17 335	P	P	20 54 15.9 +0.5	
ASAR	Alice Springs	44.77 127	P	P	20 54 20.1 -0.1	
	comp=Z,0.6nm,0.6s,baz=302,slo=8,SNR=5.8					
ASAR			PcP	PcP	20 56 03.3 -1.9	
	comp=Z,0.3nm,0.6s,baz=304,slo=4,SNR=4.0					
MK31	Makanchi Array	45.97 347	P	P	20 54 29.8 +0.4	
MK31			Iamb	Iamb	20 54 31.2	
	comp=Z,3.8nm,0.9s					
MK32	Makanchi Array	45.97 347	P	P	20 54 29.9 +0.4	
MKAR	Makanchi Array	45.97 347	P	P	20 54 29.9 +0.4	
	comp=Z,3.4nm,0.7s,baz=161,slo=8,SNR=28					
MKAR	Makanchi Array	45.97 347	P	P	20 54 29.6 +0.1	
MAKZ	Makanchi	46.06 346	P	P	20 54 30.4 +0.3	
MAKZ			Iamb	Iamb	20 54 32.6	
	comp=Z,6.6nm,1.1s					
S0NA0	Songino Array	46.20 9	P	P	20 54 31.6 +0.3	
S0NA0			PcP	PcP	20 54 31.6 +0.4	
S0NM	Songino Array	46.20 9	P	P	20 54 31.6 +0.4	
	comp=Z,2.2nm,0.6s,baz=189,slo=9,SNR=20					
S0NM			PcP	PcP	20 56 07.6 +0.8	
	comp=Z,1.0nm,0.6s,baz=192,slo=3,SNR=6.8					
S0NM	Songino Array	46.20 9	P	P	20 54 31.7 +0.4	
KK31	Karatay Array	46.29 334	P	P	20 54 35.5 +0.3	
KK31			Iamb	Iamb	20 55 04.4	
	comp=Z,1.2nm,2.0s					
KKAR	Karatay Array	46.29 334	P	P	20 54 35.7 +0.6	
KKAR			Iamb	Iamb	20 54 35.5 +0.4	
KKAR			Iamb	Iamb	20 55 04.4	
	comp=Z,1.2nm,2.0s					
ZAA0	Zalesovo Array	52.35 351	P	P	20 55 18.5 +0.4	
ZAA0			Iamb	Iamb	20 55 19.2	
	comp=Z,4.4nm,0.8s					
ZALV	Zalesovo Beam	52.35 351	P	P	20 55 18.4 +0.4	
	comp=Z,5.0nm,0.7s,baz=182,slo=6,SNR=25					
ZALV	Zalesovo Beam	52.35 351	P	P	20 55 18.3 +0.3	
ZAA1	Zalesovo Array	52.35 351	P	P	20 55 18.4 +0.3	
BRVK	Borovoye	54.99 347	P	P	20 55 43.2 -0.3	
ABKAR	Abkular array	56.13 332	P	P	20 55 45.9 +0.1	
ABKAR			Iamb	Iamb	20 57 34.0	
	comp=Z,9.0nm,1.9s					
ARU	Art	61.83 337	LR	LR	21 26 31.4	
	comp=Z,1.6nm,18.2s,baz=130,slo=39					
ASF	Jabal al Asfar	63.11 305	LR	LR	21 27 21.5	
	comp=Z,4.2nm,18.8s,baz=184,slo=39					
YAK	Yakutsk	64.20 17	P	P	20 56 43.2 -0.3	
PETK	Petrovsk	71.33 34	P	P	20 57 25.3 -0.6	
	comp=Z,7.6nm,0.9s,baz=288,slo=10,SNR=3.1					
PEA1	Petrovsk	71.33 34	P	P	20 57 25.3 -0.6	
FIAD	FINES Array S	78.62 333	P	P	20 58 07.1 -0.7	
FINES	FINES Array B	78.62 333	P	P	20 58 07.1 -0.7	
	comp=Z,2.7nm,0.7s,baz=101,slo=7,SNR=5.5					
FINES	FINES Array B	78.62 333	P	P	20 58 08.1 +0.3	
ARA0	ARCESS Array S	81.21 340	P	P	20 58 22.4 +0.7	
ARCES	ARCESS Array B	81.21 340	P	P	20 58 22.4 +0.7	
	comp=Z,2.8nm,0.7s,baz=72,slo=4,SNR=5.4					
IMAR	Indian Mountai	95.93 23	P	P	20 59 33.5 +0.8	

THE 30 21:05:31.7,38.98N,23.04E,h10km,4km,ML2.1/2,Error  
ellipse: s-maj=4.7km s-min=0.5km az=217.0

ATH 30 21:05:31.2,38.99N,23.03E,h20km,4km,ML2.1/2,Error  
ellipse: s-maj=4.6km s-min=1.0km az=173.0, Greece

Code	Station Name	Δ° AZ°	Phase	IDC	Time	Res
				Op	h m s	ISC
ATAL	Atalanti	0.29 182	P	Pb	21 05 37.3 -0.5	
ATAL			S	Sb	21 05 41.5 -0.7	
ATAL	Atalanti	0.29 182	P	Pb	21 05 37.3 -0.5	
ATAL			S	Sb	21 05 41.5 -0.7	
LKR	Lokris	0.34 184	P	Pb	21 05 38.1 -0.3	
LKR			S	Sb	21 05 43.5 +0.2	
LKR	Lokris	0.34 184	P	Pb	21 05 38.2 -0.2	
LKR			S	Sb	21 05 43.9 +0.6	
NEO	Neokhori	0.35 25	P	Pb	21 05 39.9 +0.3	
NEO			S	Sb	21 05 43.6 -0.3	
	672nm,0.4s					
NEO	Neokhori	0.35 25	P	Pb	21 05 38.8 +0.1	
NEO			S	Sb	21 05 43.9 0.0	
NEO			AML	AML	21 05 44.2	
	comp=N,1556um,0.4s					
NEO			AML	AML	21 05 44.4	
	comp=E,1112um,0.4s					
AXAR	Agios Charalam	0.36 233	P	Pb	21 05 39.7 +0.8	
AXAR			S	Sb	21 05 44.9 +0.8	
SKIA	Skiathos	0.38 62	P	Pb	21 05 39.5 +0.3	
SKIA			S	Sb	21 05 45.2 +0.5	
SKIA	Skiathos	0.38 62	P	Pb	21 05 39.9 +0.2	
SKIA			S	Sb	21 05 45.5 +0.8	
MRKA	Markates	0.52 123	P	Pb	21 05 41.5 -0.1	
MRKA			S	Sb	21 05 48.7 +0.1	
	comp=E,172nm,0.2s					
MRKA	Markates	0.52 123	P	Pb	21 05 41.6 0.0	
MRKA			S	Sb	21 05 48.7 +0.1	
MRKA			AML	AML	21 05 50.2	
	comp=E,310um,0.2s					
MRKA			AML	AML	21 05 50.3	
	comp=N,407um,0.2s					
AGG	Agios Georgios	0.55 274	P	Pb	21 05 41.6 -0.6	
AGG			S	Sb	21 05 50.4 +0.8	
AGG	Agios Georgios	0.55 274	P	Pb	21 05 41.6 -0.5	

AGG	Eretria	0.90 128	S	Sb	21 05 50.5 +0.9
ERE	Eretria	0.90 128	P	Pn	21 05 48.6 -0.1
ERE	Eretria	0.90 128	P	Pn	21 06 01.1 -0.1
ERE	Eretria	0.90 128	P	Pn	21 05 48.7 -0.1
ERE	Eretria	0.90 128	P	Pn	21 06 01.6 +0.4
THL	Klokotos Trika	0.98 307	S	Pb	21 05 49.3 +0.1
THL			S	Pn	21 06 03.3 +0.3

ISC 30 21:06:33.0,1.4,44.54N,145.95E,h0km,mb3.6/6,  
mb1 3.7/6,mb1mx3.4/63,mbtmp3.6/6, Error ellipse:  
s-maj=47.5km s-min=33.1km az=76.0  
ISCJB 30 21:06:50.4,0.7,44.3N,0.1,145.9E,0.1,h162km,6km,  
mb3.3/6, Error ellipse: s-maj=17.0km s-min=15.2km  
az=16.0

JMA 30 21:06:51.9,0.3,44.33N,145.90E,h153km,2km,M2.9  
ISC 30 21:06:51.2,1.1,44.4N,0.1,145.9E,0.1,h154km,gkm,n23,  
c073/22,mb3.3/6,Hokkaido region

Code	Station Name	Δ° AZ°	Phase	IDC	Time	Res
				Op	h m s	ISC
JRA	Rausu	0.71 233	P	Pn	21 07 14.7 +0.5	
JRA			eS	Sn	21 07 32.0 +0.3	
JNSB	Nemuroshibetsu	0.88 228	P	Pn	21 07 16.1 +0.7	
NEM2	Nemuro 2	1.01 187	P	Pn	21 07 16.5 +0.1	
NEM2			eS	Sn	21 07 34.6 -1.1	
JNK	Nakash	1.16 228	P	Pn	21 07 18.3 +0.5	
JKHN	Kushirohama	1.39 203	Pn	Pn	21 07 20.2 +0.2	
JTKR	Abashiri-Toko	1.49 255	P	Pn	21 07 21.3 +0.3	
JAK	Akkeshi	1.63 213	P	Pn	21 07 27.2 +0.3	
JAK			eS	Sn	21 07 45.8	



Table with columns: STNU, Station, Time, Res, Pn, S, Sn. Includes stations like Starunia, Sevastopol, Alushta, Sudak, Malin Array Be, Keskin Array B, FINES, HFS, NOA, ARCES, TORO, etc.

ISCJB 30 21:28:55.4-0.7, 43.21N-0.05:78.65E-0.06, h12km, 7km, Error ellipse: s-maj=8.2km s-min=6.3km az=146.3

NCC 30 21:28:55.8-0.6, 43.17N-78.68E, h0km, mbz2.0, mpv2.3, Error ellipse: s-maj=5.7km s-min=3.0km az=3.0

SEV 30 21:28:56.0, 43.20N-78.65E, h15km, Error ellipse: s-maj=5.6km s-min=3.0km az=3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZHN, SATY, UZB, PDGK, etc.

NEIC 30 21:29:44.0-1.2, 51.59N-0.09:175.06W-0.05, h43km, 6km

AEIC 30 21:29:44.1, 51.65N-0.08:175.10W-0.05, h27km, 7km, ML3.8, mb3.9/5(NEIC), Androean Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSIG, GSNM, GSKD, USRK, etc.

ISC 30 21:41:56.3-3.1, 6.09S-147.90E, h0km, mb4.1/2, mb1 4.2/4, mb1mx3.7/3.3, mbtmp4.1/4, ML2.6/2, MS2.9/1, Ms1 2.9/1, ms1mx2.5/3.7, Error ellipse: s-maj=107.8km s-min=31.7km az=92.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, CTA, etc.

Table with columns: GUMO, Station, Time, Res, LR, P. Includes stations like Alice Springs, STKA, TORO, etc.

ISCJB 30 21:43:16.9-0.3, 7.23S:0.03:129.64E-0.04, h139km, mb3.9/15, Error ellipse: s-maj=5.9km s-min=4.0km az=14.8

ISC 30 21:43:18.0-1.5, 7.24S:129.60E, h132km, 13km, mb3.8/15, mb1 3.9/20, mb1mx3.8/4.0, mbtmp4.3/2.0, MS3.1/4, Ms1 3.1/4, ms1mx2.7/3.8, Error ellipse: s-maj=18.2km s-min=11.7km az=107.0

NEIC 30 21:43:20.6-2.9, 7.18S:0.06:129.57E-0.06, h160km, 8km, mb4.3/14

ISC 30 21:43:18.3-0.5/16, 7.24S:0.05:129.60E:0.05, h139km, n50, e1995/56, mb4.0/5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAUI, BATI, KNRA, FITZ, WRA, etc.

BUJ 30 22:40:58.4-0.0, 20.31S:174.69W, h13km, mb5.1/35, mb5.5/11, Ms5.1/9, Ms7.4/8.7

MOS 30 22:41:01.9-1.0, 20.80S:175.19W, h39km, mb5.5/21, MS4.5/10, Error ellipse: s-maj=10.6km s-min=8.5km az=62.5

NEIC 30 22:41:02.3-2.3, 20.88S:0.07:174.90W:0.08, h47km, 4km, mb5.4/271

ISCJB 30 22:41:03.2-1.2, 21.02S:0.04:175.10W:0.03, h55km, 12km, mb5.26S:3.33E, Error ellipse: s-maj=6.3km s-min=4.4km az=151.1

ISC 30 22:41:06.4-0.5, 20.87S:175.16W, h66km, 3km, mb4.8/29, mb1 4.9/31, mb1mx4.9/36, mbtmp5.1/31, MS4.1/25, Ms1 4.1/25, ms1mx4.0/37, Error ellipse: s-maj=14.2km s-min=9.1km az=132.0

GCMT 30 22:41:07.5-0.1, 20.96S:0.01:174.64W:0.01, h78km, 1km, MW5.2/127, Moment Tensor Solution, s102,c146; s127,c199; Duration: 0 Moment tensor: Scale 10^16Nm; Mw: 5.31±.15; Ms: 6.4±.11; Mo: 6.4±.11; Mo: 4.9±.11; Mw: 19.20±.10; NP: 175.00000; delta: 0.00000; 1.86, 0.00000; NP2: 3.00000; delta: 0.00000; 1.97, 0.00000; NP3: 1.1330, Plg3.0000; Azm: 177.0000; P: -7.8580, Plg18.0000; Azm: 268.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 30 22:41:03.3-0.3, 20.96S:0.04:174.89W:0.04, h47km, 2km, h47km: pp-P, n759, e1934/714, mb5.4/169, MS4.3/38, 62C-33P, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIUE, NIUE, NIUE, AFJ, RIZ, RAO, etc.

ISCJB 30 21:47:40.5-1.2, 15.4N:0.1:94.56W:0.04, h39km, 47km, Error ellipse: s-maj=17.1km s-min=6.7km az=179.8

NEIC 30 21:47:42.3-2.9, 15.4N:0.1:94.56W:0.04, h39km, 53km

MEX 30 21:47:42.5-0.3, 15.37N:94.56W, h17km, 4km, MD4.0

ISC 30 21:47:39.9-2.0, 15.38N:0.09:94.55W:0.04, h27km, 26km, n11, e1521/21, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG, HUIG, HUIG, etc.

Table with columns: TLIG, Station, Time, Res, Pn, S, Sn. Includes stations like Tapia, Tepich.

ISCJB 30 21:54:17.2-0.6, 14.97N:0.04:119.55E:0.05, h39km, mb3.7/9, MS3.3/2, Error ellipse: s-maj=6.5km s-min=5.4km az=166.0

IDC 30 21:54:22.6: 1.8, 14.83N:119.75E, h87km, 20km, mb3.4/10, mb1 3.6/10, mb1mx3.3/5.3, mbtmp3.8/10, MS3.4/3, Ms1 3.4/3, ms1mx2.8/28, Error ellipse: s-maj=41.3km s-min=14.6km az=61.0

ISC 30 21:54:17.9-0.8, 14.89N:0.04:119.42E:0.07, h39km, n34, e380/31, n3-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCZP, LUBP, BOLP, etc.

BUJ 30 22:40:58.4-0.0, 20.31S:174.69W, h13km, mb5.1/35, mb5.5/11, Ms5.1/9, Ms7.4/8.7

MOS 30 22:41:01.9-1.0, 20.80S:175.19W, h39km, mb5.5/21, MS4.5/10, Error ellipse: s-maj=10.6km s-min=8.5km az=62.5

NEIC 30 22:41:02.3-2.3, 20.88S:0.07:174.90W:0.08, h47km, 4km, mb5.4/271

ISCJB 30 22:41:03.2-1.2, 21.02S:0.04:175.10W:0.03, h55km, 12km, mb5.26S:3.33E, Error ellipse: s-maj=6.3km s-min=4.4km az=151.1

ISC 30 22:41:06.4-0.5, 20.87S:175.16W, h66km, 3km, mb4.8/29, mb1 4.9/31, mb1mx4.9/36, mbtmp5.1/31, MS4.1/25, Ms1 4.1/25, ms1mx4.0/37, Error ellipse: s-maj=14.2km s-min=9.1km az=132.0

GCMT 30 22:41:07.5-0.1, 20.96S:0.01:174.64W:0.01, h78km, 1km, MW5.2/127, Moment Tensor Solution, s102,c146; s127,c199; Duration: 0 Moment tensor: Scale 10^16Nm; Mw: 5.31±.15; Ms: 6.4±.11; Mo: 6.4±.11; Mo: 4.9±.11; Mw: 19.20±.10; NP: 175.00000; delta: 0.00000; 1.86, 0.00000; NP2: 3.00000; delta: 0.00000; 1.97, 0.00000; NP3: 1.1330, Plg3.0000; Azm: 177.0000; P: -7.8580, Plg18.0000; Azm: 268.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 30 22:41:03.3-0.3, 20.96S:0.04:174.89W:0.04, h47km, 2km, h47km: pp-P, n759, e1934/714, mb5.4/169, MS4.3/38, 62C-33P, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIUE, NIUE, NIUE, AFJ, RIZ, RAO, etc.

ISCJB 30 21:47:40.5-1.2, 15.4N:0.1:94.56W:0.04, h39km, 47km, Error ellipse: s-maj=17.1km s-min=6.7km az=179.8

NEIC 30 21:47:42.3-2.9, 15.4N:0.1:94.56W:0.04, h39km, 53km

MEX 30 21:47:42.5-0.3, 15.37N:94.56W, h17km, 4km, MD4.0

ISC 30 21:47:39.9-2.0, 15.38N:0.09:94.55W:0.04, h27km, 26km, n11, e1521/21, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG, HUIG, HUIG, etc.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like URZ Urewera, RATZ Rangitika, BKZ Black Stump Fm, etc.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like COEN Coen, HTT Hallett, HMM Humu'a Sheep, etc.

Table with columns: Name, Date, Time, Status, Location, and other details. Includes entries like MURC Murrieta, BFSC Mount Baldy Ra, KMRM Mt Ridge, etc.



Table with multiple columns: Station Name, Frequency, Power, Mode, and various signal quality metrics (S/N, SNR, etc.). Rows include stations like Blount Mountain, Sharon Grove, Rib Lake, Waverly Hall, etc.

Table of station data for 30 Feb 23h, including columns for Station Name, Time, Res, and various codes like FETA, BOSS, ESDC, etc.

Main table of station data for 2013 SEP, including columns for Code, Station Name, Time, Res, and various codes like YKR8, ILAR, ESDC, etc.

Table of station data for 1634, including columns for Code, Station Name, Time, Res, and various codes like BSQ3, JSKK, JTHY, etc.

Table with columns for station call letters, frequency, power, antenna type, elevation, and various performance metrics (SNR, etc.). Rows include stations like OXF, Z50A, 152A, W41B, M57A, etc., up to V54A.







30d 23h

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GRA1, DAVOX, DAVA, etc.

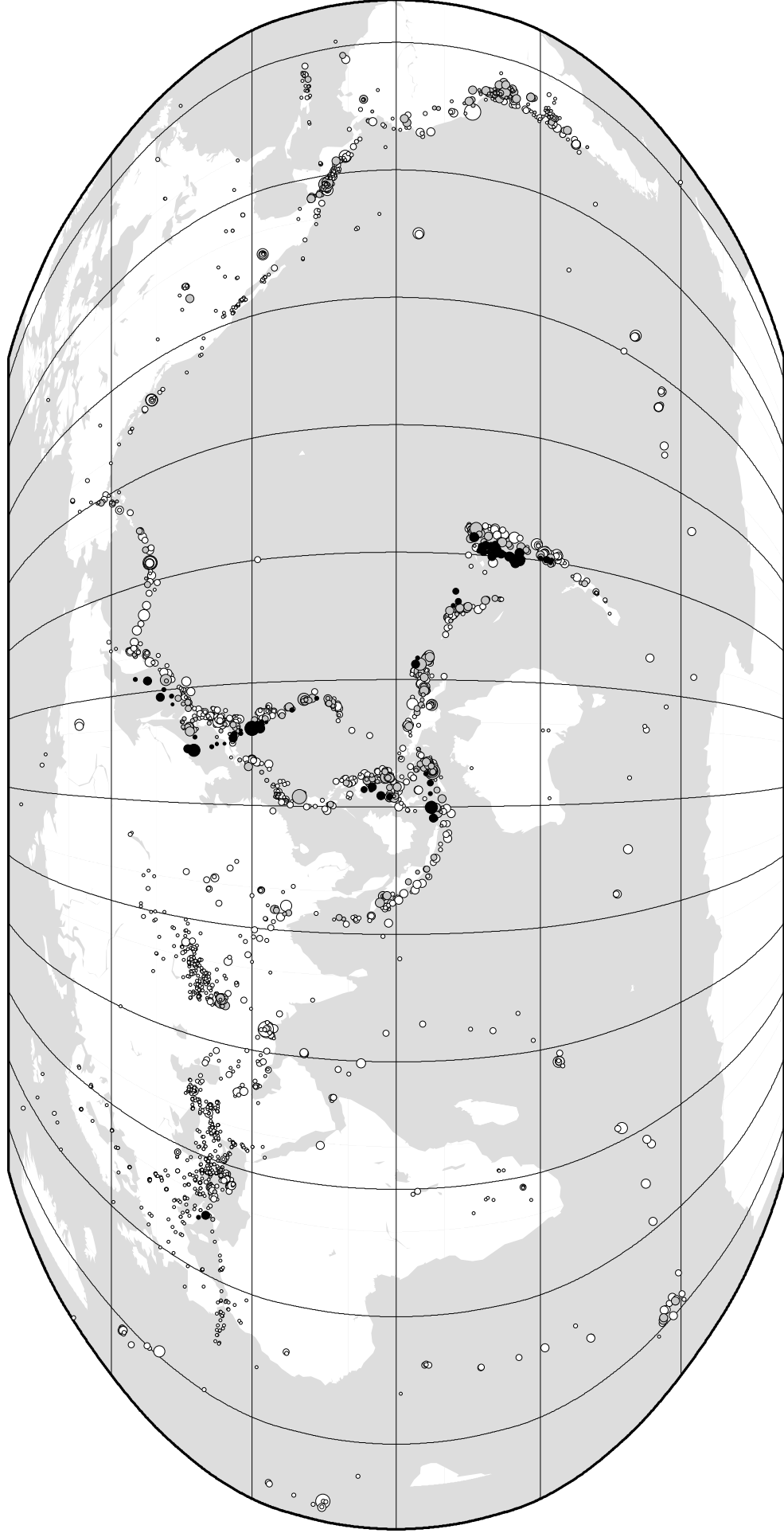
2013 SEP

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like XAN, HHC, HHC, etc.

1638

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DBC, DBC, UNCR, etc.

# ISC Computed Locations for September 2013



Robinson Projection, centred on 0°N, 130°E

