

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:41.7-1.4,22.1S:02-179.3W:02,h600km,n22,
c155/24,mb4.4/9,1C, South of Fiji Islands
Code Station Name Δ° AZ° Phase ID ISC Time Res
h m s ISC
HBZ Hicks Bay 15.60 187 eP Op 18 48 53.1 -2.1
URZ Urewera 16.41 190 P P 18 49 01.5 -1.1
MRZ Mangatoinoka R 19.02 192 eP P 18 49 26.7 +0.3
DIW D'Urville Isla 19.52 195 eP P 18 49 27.3 -3.6
CAW Cannon Point 19.55 193 eP P 18 49 31.7 +0.5
OTW Orongorongo Tu 19.73 193 eP P 18 49 33.0 +0.2
MCW Moikau 19.82 192 eP P 18 49 35.5 +1.9
THZ Tophouse 20.68 197 eP P 18 49 42.0 +0.5
KHZ Kahutara 21.14 195 P P 18 49 46.2 +0.8
ARMA Armidale 27.28 246 eP P 18 50 42.4 +2.3
4.9nm,0.5s
CTA Charters Tower 32.13 267 P P 18 51 22.3 +0.5
13nm,0.5s
STKA Stephens Creek 36.00 246 eP P 18 51 55.3 +1.5
3.1nm,0.4s
ASAR Alice Springs 42.97 259 P P 18 52 50.1 +0.4
9.8nm,0.5s,baz=92,slow=8.2,SNR=47
ASAR 1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.97 259 eP P 18 52 50.1 +0.4
WRA Warramunga Arr 43.18 264 P P 18 52 51.0 -0.4
1.8nm,0.3s,baz=96,slow=7.8,SNR=93
WRA 0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.79 273 eP P 18 53 18.2 -0.7
14nm,0.4s
FITZ Fitzroy Crossi 51.61 264 eP P 18 53 54.3 +0.1
12nm,0.3s
MBWA Marble Bar 56.31 259 eP P 18 54 27.1 -0.1
11nm,0.6s
CMAR Chiang Mai Arr 89.48 290 P P 18 57 38.1 +1.7
1.3nm,0.8s,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.23 349 PKKP PKIKP 19 03 43.7 -1.2
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 136.91 342 PKKP PKIKP 19 03 57.3 -1.3
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.83 325 PKKPbc PKIKP 19 04 22.7 -1.0
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

The alternative locations based on JB-tables are still produced with the original location algorithm for consistency with the past data. It is still the plan that by the middle of calendar year 2014 all ISC locations (1960-2008) are going to be re-computed with the new locatin 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.

IDC 01 00:00:30.8; 1.2, 36.70N-21.48E, h0km, mb3.7/9, mblmp3.6/14, ML3.0/2, MS3.0/1, Error ellipse: s-maj=23.6km s-min=17.9km az=176.0 THE 01 00:00:35.0, 36.63N-21.41E, h0km, 2km, ML3.2/7, Error ellipse: s-maj=5.2km s-min=1.1km az=201.0 ATH 01 00:00:36.2, 36.67N-21.44E, h8km, 2km, ML3.2/20, Error ellipse: s-maj=3.0km s-min=1.5km az=56.0 ISC 01 00:00:33.5; 1.4, 36.64N, 0.04; 21.38E, 0.03, h14km, gkm, n115, s169/131, mb3.7/8, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAKR, DION, AGG, THL, IGT, IAN, TYRN, KEK, APE, PEINT, LSK, KZN, KZN, NEST, NESTORIO, FNA, VAE, DRME, HDG, PCY, TREB, BRV, SUES, STON, RUDO, HAPS, A050A, BLY, MLR, KEST, BOJS, BRTR, CRES, CEY, SOKA, OBKA, OBKA, BIOA, LESA, DAVOX, DAVOX, GERES, AKASA, KBZ, ESDC, HFS, FINES, NOA, TORD, BVAR, KURSB, MKAR, ZALV.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IBBS, SYKE, IGAD, DEEL, RETHO, RETHO, RETH, GOLF, BAVN, WTSB, WTSB, HMES, BAVN, KUDEN, BZER, BZER, BULI, DULI, HLG, HLG, HLG, HLG, BTEZ, OPLC, BKLB, BUG, BUG, LAUG, LAUG, KASTN, KASTN, GTTG, CLZ, CLZ, HOBB, HOBB, BSEG, BSEG, BNS, BNS, RODG, RODG, OPTER, STB, STB, KLL, KLL, DREG, DREG, KOE, KOE, BEBN, BTNL, BEM, MEM, BLCH, TNS, BGG, BGG, HLG, BSTI, BHOU, BHOU, BCLA, BCLA, SSSD, SSSD, SSSD, SSSD, SSSD, LKLB, BGES, BGES, LVIA, RCHB, BRQP, BRQP, BSKO, BSKO, GIVF, GIVF, WLF, WLF, DDU, DDU, DDU, DDU, CLL, CLL, CLL, CLL, CLL, CLL, BAIF, BAIF, BAIF, BAIF, MUD, MUD, MUD, MUD, COP, COP, HSK, HSK, BRG, BRG, BRG, BRG, ELMS, ELMS, ELMS, ELMS, WACR, WACR, WACR, WACR, CDF, CDF, CDF, CDF, PAGF, PAGF, BJUU, BJUU, BJUU, BJUU, BJUU, BJUU.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYL, PYL, PYL, PYL, ITM, ITM, ITM, LTHK, LTHK, LTHK, LTHK, LTHK, VLI, VLI, VLI, VLI, DRO, DRO, DRO, DRO, DRO, MNVA, RLS, RLS, RLS, RLS, RLS, GUR, GUR, GUR, GUR, GUR, RTZL, RTZL, RTZL, KLV, KLV, KLV, PSDA, KRND, KRND, KRND, VLS, VLS, VLS, VLS, ALIK, ANKY, ANKY, ANKY, ANKY, DMLN, EFP, EFP, EFP, EFP, KALE, KALE, KALE, LOUT, LOUT, PVO, PVO, ANX, ANX, ANX, ANX, ANX, EVGI, EVGI, NYDR, NYDR, NYDR, VIL2, VIL2, LK2D, LK2D, LK2D, VLY, VLY, VLY, VLY, ATH, ATH, ATH, ATH, ATH, AXAR, AXAR, AXAR, AXAR, IMMV, IMMV, IMMV, IMMV, PTV, PTV, MAKR, MAKR, MAKR, MAKR.

IDC 01 00:09:13.7; 3.4, 10.165x119.11E, h0km, mb3.6/1, mblmp3.5/3, ML3.5/2, Error ellipse: s-maj=272.6km s-min=31.3km az=49.0, Sumba region

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

LDG 01 00:28:06.0; 0.2, 52.75N; 8.07E, h12km, M13.5/35, Error ellipse: s-maj=4.4km s-min=3.8km az=138.0 PRU 01 00:28:07.9, 52.82N, 7.71E, h10km DNK 01 00:28:07.3; 2.3, 52.76N; 7.87E, h15km, ML3.3 IDC 01 00:28:07.2; 1.3, 52.74N; 7.88E, h0km, mb3.4/5, mblmp3.6/12, ML3.4/6, MS3.1/4, Error ellipse: s-maj=19.6km s-min=9.6km az=78.0 UCC 01 00:28:08.6, 52.76N; 7.91E, h11km, 4km, ML3.9 BNS 01 00:28:08.9; 0.8, 52.74N; 8.04E, h0km, 99km, ML3.5 BGS 01 00:28:08.1; 0.6, 52.79N; 8.10E, h16km, 34km, ML3.6, ML3.6 BGR 01 00:28:09.4; 0.2, 52.79N; 7.91E, h5km, ML3.6/12, Error ellipse: s-maj=4.4km s-min=3.3km az=129.0 BUG 01 00:28:09.1, 52.78N; 7.93E, h7km, 2km, MD3.8/19, ML3.2/15 BER 01 00:28:10.3; 0.3, 52.89N; 7.96E, h2km, 18km, ML2.6, ML3.6(CSEM), Confirmed Earthquake UPP 01 00:28:11.6; 3.0, 53.09N; 8.13E, h0km, ML3.0 ISC 01 00:28:20.5, 52.80N, 0.02; 7.86E, 0.02, h0km, n214, s232/297, mb3.2/5, 24D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, WRA, ASAR, MKAR, LDG, PRU, DNK, IDC, UCC, BNS, BGS, BGR, BUG, BER, UPP, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SEVE, SEVE, RAST, RAST, FAHL, FAHL, IBBN, IBBN, IBBE, IBBE, IBBS, IBBS, CDF, CDF, CDF, CDF, PAGF, PAGF, BJUU, BJUU, BJUU, BJUU, BJUU, BJUU.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, WRA, ASAR, MKAR, LDG, PRU, DNK, IDC, UCC, BNS, BGS, BGR, BUG, BER, UPP, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SEVE, SEVE, RAST, RAST, FAHL, FAHL, IBBN, IBBN, IBBE, IBBE, IBBS, IBBS, CDF, CDF, CDF, CDF, PAGF, PAGF, BJUU, BJUU, BJUU, BJUU, BJUU, BJUU.

Table of astronomical observations for 1d 0h, listing station names (e.g., BJUU, ELHAM), station IDs, and various parameters like SNR, elevation, and time.

Table of astronomical observations for 2018 OCT, listing station names (e.g., STRO, LONG), station IDs, and various parameters like SNR, elevation, and time.

Table of astronomical observations for 2018 OCT, listing station names (e.g., KOLS, FINES), station IDs, and various parameters like SNR, elevation, and time.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like PSMG Mucurapo Girls, TPP Pointe-a-Pierre, PSKH Kent House, Po, PSQC Port of Spain, etc.

NEIC 01 00:33:23.0 ± 0.6, 37°18'N, 01°01'97.45W, 0.02, h5km, 2km, Error ellipse: s-maj=2.3km s-min=1.8km az=75.0

NEIC 01 00:33:23.0 ± 0.6, 37°18'N, 01°01'97.45W, 0.02, h6km, 2km, mb_Lg3.0/87, ML3.3/43, ML3.0/12, Error ellipse: s-maj=2.6km s-min=1.7km az=66.0, Kansas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like KAN09 Caldwell North, KAN13 South Haven SW, KS21 Milan North St, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like FW03 Perrin-Whitt E, BGNE Belgrade, R40A Madies Statio, etc.

PGC 01 00:39:55.5 ± 3.1, 50°58'N x 130°60'W, h10km, MLN3.2/24, Mw3.8/24, Mw3.8/24, 224km west of Pt. Hardy, Bc Vancouver Island, Canada region, Vancouver Island, Vancouver Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like HOLB Holberg, JEDB Jedway, Haida, PACB Port Alice, BC, etc.

TEH 01 00:41:17.0 ± 27.54N, 54°94'E, h19km, 18km, ML3.4 DSN 01 00:41:19.0 ± 1.5, 27°39'N, 54°63'E, h10km, ML2.9/6, Error ellipse: s-maj=13.8km s-min=12.0km az=138.0

ISC 01 00:41:18.1 ± 1.1, 27°46'N, 0.05:54.89E:0.04, h20km, n28, r165/29, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like LAR1 LAR, GENO Geno, IBND Bandar-abas, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like Peninsula, RIC1 Ricice, MAKA Makarska, STON Ston, etc.

1d 0h

Table with 5 columns: Station Name, Elevation, Azimuth, Azimuth Error, and Station Type. Includes stations like WTTA, WATA, SOTA, SOTA, MOTA, MOTA, KHC, KHC.

AEIC 01 00:58:24.9-1.6, 69.21N, 0.01x146.32W, 0.04, h7km, 3km, ML4.2, ML4.2/116(NEIC), Mw4.1/157(NEIC), Error ellipse: s-maj=2.3km s-min=1.7km az=221.0

NEIC 01 00:58:25.3-1.8, 69.245N, 0.010-146.26W, 0.04, h10km, 1km, Error ellipse: s-maj=2.9km s-min=2.3km az=30.0, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mw=0.31; Mw=0.76; Mw=1.07; Mw=0.31; Mw=1.22; Mw=0.10; Fault plane solution: M1:58000x1015 NP1: q=289.50000; s=79.97000; A=167.87000; NP2: q=197.36000; s=78.06000; A=10.25000; Principal axes: T 1.6820, Plg1.0000; Azm63.0000; N -0.2251, Plg74.0000; Azm329.0000; P -1.4569, Plg16.0000; Azm154.0000;

NEIC 01 00:58:25.7, 69.23N, 146.41W, h15km, IDC 01 00:58:26.0-0.7, 69.41N, 146.16W, h0km, mb4.0/18, mbmp4.0/21, ML4.1/3, MS3.3/9, Error ellipse: s-maj=20.2km s-min=11.7km az=54.0

ISC 01 00:58:26.5-0.8, 69.29N, 0.03x146.34W, 0.02, h5km, 5km, n344, c1110/356, mb4.0/18, MS3.3/9, Northern Alaska

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, and Station Type. Lists numerous stations like D25K, C26K, G22K, etc.

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Main event list table with columns: Station Name, Magnitude, Time, Azimuth, Azimuth Error, Station Type, and other parameters. Lists events like B22K, B22K, FYU, FYU, E21K, E21K, etc.

Main event list table (continued) with columns: Station Name, Magnitude, Time, Azimuth, Azimuth Error, Station Type, and other parameters. Lists events like MLY, MLY, I21K, I21K, EPYK, EPYK, etc.

Table with columns for station code, name, elevation, frequency, polarization, and coordinates. Includes stations like G17K, K20K, WAT6, etc.

Table with columns for station code, name, elevation, frequency, polarization, and coordinates. Includes stations like YKA, YKA, RES, etc.

JMA 01:01:03.18:6.0:1.26:6N:0:5:129:6E:0:4, h40km, MV3.6/17, NEAR OKINAWAJIMA ISLAND

ISC 01:01:03.28:0.3:8.2:7:13N:131:24E, h127km, 38km, mb3.3/6, mbtmp3.7/7, MS3.8/3, Error ellipse: s-maj=43.9km

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like JYRO, JYOK, etc.

Table with columns for station code, name, elevation, frequency, polarization, and coordinates. Includes stations like ULHL, BOOM, BOOM, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KPKS, EKS2, KTBS, PDGK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM, MKAR, ZALV, ILAR, QSPA, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LK2, LK2D, LK2E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08S1, H08S2, H08S3, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, SONMI Songoing Array.

RSNC 01:01:56:28.40,0.7N:1.777W, h0km2km, M3.2, mb4.3, ML2.9, Northern Colombia

Main station list table for Northern Colombia region, including stations like DBBC Dabeiba, SOLC Bahía Solano, CBOC Ciudad Bolívar, etc.

IDC 01:02:00:25.6-4.7, 2678S:67.14E, h0km, mb4.1/5, mbtmp4.1/5, MS3.5/1, Error ellipse: s-maj=134.2km s-min=37.9km az=57.0, Indian Ocean Triple Junction

Table listing stations for the Indian Ocean Triple Junction region, including H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

DJA 01:02:12:58.7-2.0, 2°S:81°12'E, h15km, 15km, M3.77, MLV3.77

IDC 01:02:13:00.2, 1.3, 0.81S:121.23E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=43.3km s-min=23.8km az=60.0

ISC 01:02:13:01.3-1.3, 1.6S:0.1x:120.0E:0.1, h10km, n8, c077/8, mb3.5/4, Sulawesi

Table listing stations for the Sulawesi region, including APSI Ampana, LUWI Luwili, BKSI Bulukumba, etc.

NEIC 01:02:22:04.0, 2.0, 42.89N:0.06-141.99E:0.10, h34km, 2km, mb4.8/359, Error ellipse: s-maj=10.6km s-min=8.7km az=121.0

SKHL 01:02:22:03.0, 0.3, 42.70N:141.190E, h53km, 4km, mb5.3/9, mbv5.7/2, ms4.3/8

NIED 01:02:22:03.4, 42.729N:142.01E, h35km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1:1.51, M2:0.33, M3:0.3, M4:2.49, M5:3.04, M6:3.32; Fault plane solution: Mb9.3000x1015 NP1:0.100000, 86.00000, 111.00000. NP2:0.11100000, 82.100000, 111.00000

JMA 01:02:22:03.4, 0.1, 42.8N:0.4-142.0E:0.4, h35km, 1km, M4.7/37, MW4.6/37, ISHIKARI DEPRESSION

JMA Fd1 JV1 at ISHIKARI DEPRESSION. IDC 01:02:22:05.4-1.2, 42.83N:141.99E, h55km, 9km, mb4.4/30, mbtmp4.7/36, MS4.0/58, Error ellipse: s-maj=12.5km s-min=8.7km az=127.0

ISC 01:02:22:03.7, 0.3, 42.78N:0.03, 142.00E:0.03, h42km, 2km, h42km:pp-P, n1086, c1916/946, mb4.8/309, MS4.1/68, 61C-52D, Hokkaido region

Main station list table for the Hokkaido region, including stations like JIAM Iburiatsuma, JIB Iburiatsuma, JB2T Biratori 2, etc.

IDC 01:02:22:03.7, 0.3, 42.78N:0.03, 142.00E:0.03, h42km, 2km, h42km:pp-P, n1086, c1916/946, mb4.8/309, MS4.1/68, 61C-52D, Hokkaido region

Table listing stations for the Hokkaido region, including JIAM Iburiatsuma, JIB Iburiatsuma, JB2T Biratori 2, etc.

Main station list table for the right side of the page, including stations like YSS comp=Z, 70nm, 0.6s, YSS comp=N, 90nm, 1.2s, etc.

BUJ 01:02:22:01.8, 42.629N:142.10E, h55km, mb4.8/61, mb5.1/18, MS4.4/38, MS7.4/239. MOS 01:02:22:03.1-0.8, 42.84N:141.90E, h43km, mb5.2/73, MS4.2/6, Error ellipse: s-maj=5.5km s-min=3.7km az=117.8

1d 2h

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Table with columns for station code, name, elevation, and various data points. Includes stations like SKR, HEH, ZEA, MA2, XLT, BJI, TIA, YAK, SEY, NJ2, HNS, HHC, and HHH.

Table with columns for station code, name, elevation, and various data points. Includes stations like SHEM, BTO, LYN, ULN, SONM, ZAK, GUMO, TIXI, LZH, LZJ, GUA, GTA, SPIA, P08K, GAMB, UNV, M11K, TNA, QIZ, QIZ, QIZ, QIZ, F14K, K13K, PZH, PZH, ANM, GOMU, GOMU, GOMU, GOMU, KMI, KMI, KMI, KMI, M13K, F15K, F15K, J14K, G15K, L14K, C16K, DGZ, DGZ, M14K, M14K, S12K, H14K, H14K, L15K, G16K, G16K, K15K, K15K, O14K, D17K, C17K, M15K, M15K, E17K.

Table with columns for station code, name, elevation, and various data points. Includes stations like J16K, I17K, I17K, F17K, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, N15K, N15K, N15K, SDPT, G17K, O15K, L16K, L16K, L16K, H17K, B18K, WMQ, WMQ, E18K, E18K, C18K, S14K, M16K, J17K, CHNA, F18K, N16K, A19K, L17K, K17K, K17K, G18K, G18K, G18K, H18K, O16K, C19K, C19K, ZSN, ZSN, M17K, F19K, R16K, N17K, D19K, O17K, GCSA, G19K, J18K, L18K, L18K, L18K, E19K, E19K, Q16K, H19K, H19K, P17K, B20K, B20K, D20K, M18K, R17L, N18K, J19K, E20K, F20K, Q17K, O18K, H20K, P18K, L19K, I20K, Q18K, M19K, M19K, N19K, C21K, J20K, J20K.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like AAK Ala-Archa, G30M tAoh Zhai Nji, F30M Barrier River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like SIMJ Simiganj, DLBC Dease Lake, T35M Bob Quinn, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like C09A Chrisman Ranch, I04A Tendick Farm, HAWA Hanford, etc.

Table with columns: Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations like VHRN, T35A, TIP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes station AAK.

Table with columns: Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations like MKAR, KURBB, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes station WRA.

IDC 01 03:09:01.2, 4.4, 3.88S:139.77E, h0km, mb3.4/2, mbmp3.5/3, ML3.3/1, Error ellipse: s-maj=186.1km s-min=32.2km az=90.0, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations WRA, ASAR, SONM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations BSSI, MTKI, WRA, etc.

IDC 01 03:22:56.3, 1.2, 1.20S:120.32E, h0km, mb3.5/4, mbmp3.5/5, ML3.4/1, Error ellipse: s-maj=60.8km s-min=19.9km az=69.0

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations ASAR, MKAR, KURBB, etc.

IDC 01 03:24:05.1, 0.6, 26.6S:67.54E, h0km, mb4.1/16, mbmp4.1/16, ML3.4/9, Error ellipse: s-maj=20.4km az=140.0

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations H0S1, H0S2, H0S3, etc.

Table with columns: Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations SNA, ASAR, AS31, etc.

IDC 01 03:36:27.5, 2.4, 5.92S:130.01E, h0km, mb3.7/1, mbmp3.7/3, ML3.5/2, Error ellipse: s-maj=146.7km s-min=31.7km az=70.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations WRA, ASAR, MKAR, etc.

IDC 01 03:54:40.1, 6.4, 5.03S:152.52E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=186.8km s-min=35.9km az=106.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations WRA, ASAR, SONM, etc.

IDC 01 03:56:26.4, 1.2, 0.69S:120.38E, h0km, mb3.6/5, mbmp3.6/6, ML3.5/1, MS2.9/1, Error ellipse: s-maj=59.2km s-min=19.5km az=67.0

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations MPSI, APSI, LUWI, etc.

IDC 01 03:56:28.4, 0.9, 0.75S:0.05:119.95E:0.08, h10km, n13, r176/14, mb3.7/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations WRA, ASAR, STKA, etc.

NNC 01 04:02:32.1, 2.3, 36.42N:70.55E, h86km, 54km, mb3.6, mpv3.9, 5C-2D, Error ellipse: s-maj=22.9km s-min=16.3km az=125.0, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, P, Res, Time, Res, ISC. Includes stations KK31, KK09, AAK, etc.

Table with columns: CHMS, TKM2, TKM2, AB31, AKTO. Includes station names, times, and coordinates.

IDC 01 04:04:43.6:0.6,26:51S:67:70E,h0km,mb4.2/18, mbmp4.2/18,MS3.9/3, Error ellipse: s-maj=21.6km s-min=15.3km az=80.0

NEIC 01 04:04:45.0:1.7,26:55S:0:1:67:5E:0:2,h10km,1km, mb4.9/26, Error ellipse: s-maj=25.8km s-min=18.9km az=249.0

GCMT 01 04:04:48.0:0.4,26:65S:0:02:67:40E:0:0,4,h18km,1km, MW4.8/68, Moment Tensor Solution. s17c20; s68,c89; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-1.94; 17; Mw2.05; 12; Mw-0.11; 10; Mw0.36; 22; Mw0.26; 06; Mw0.97; 29; Best double couple: M225600:1016 NP1=242.00000; s56.00000; A-117.00000; NP2: 0:104.00000; s42.00000; A-56.00000; Principal axes: T 2.1410, Plg7.0000, Azm350.0000; N 0.2230, Plg22.0000, Azm257.0000; P -2.3710, Plg67.0000, Azm98.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 04:04:44.9:0.5,26:51S:0:09:67:7E:0:1,h10km,n64, c067/52,mb4.5/31,MS4.0/3,5C,Indian Ocean Triple Junction

Main station list table for the left column, including station names, times, and coordinates.

Table with columns: AKASO, ESDC, PDAR, TXAR. Includes station names, times, and coordinates.

IDC 01 04:12:11.5,17:35S:168:48E,h72km,MLV3.9/8,Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes station names like Devils Point, Lakatoro, LIFUNC, etc.

IDC 01 04:24:44.9:3.1,22:09S:176:83W,h0km,mb3.7/3, mbmp3.7/3,MS2.7/1, Error ellipse: s-maj=301.9km s-min=35.0km az=162.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes station names like RAR, CTA, ASAR, WRA, TXAR.

IDC 01 04:26:18.9:0.9,19:41S:173:28W,h0km,mb4.1/8, mbmp4.1/9,ML3.6/1, Error ellipse: s-maj=53.8km s-min=17.7km az=147.0

NEIC 01 04:26:19.3:1.7,19:05S:0:1:172:92W:0:10,h10km,1km, mb4.8/22, Error ellipse: s-maj=17.9km s-min=15.4km az=193.0

ISC 01 04:26:20.4:0.5,19:18S:0:1:173:02W:0:07,h21km,n45, c177/46,mb4.7/18,Tonga Islands

Main station list table for the middle column, including station names, times, and coordinates.

Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-4.57; 16; Mw2.38; 13; Mw2.19; 21; Mw1.53; 39; Mw2.36; 13; Mw5.46; 58; Best double couple: M728500:1016 NP1=204.00000; s71.00000; A-105.00000; NP2: 0:63.00000; s24.00000; A-54.00000; Principal axes: T 6.9540, Plg25.0000, Azm305.0000; N 0.6610, Plg14.0000, Azm209.0000; P -7.6150, Plg61.0000, Azm92.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 04:26:28.1:0.4,26:54S:0:07:67:6E:0:08,h10km,n19, c082/104,mb4.9/59,MS4.9/9,Indian Ocean Triple Junction

Main station list table for the right column, including station names, times, and coordinates.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and other parameters. Includes stations like CLL Colim, ZAAO Zalesovo Array, DZM Mont Dumac, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and other parameters. Includes stations like J19K Poorman, J18K Inokko River, I21K Tana, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and other parameters. Includes stations like RIDG Independent Ri, SDPT Sand Point, SPCR Spurr Chakacha, etc.

Table with columns: WHY, Station Name, Frequency, Power, Mode, and various parameters. Includes stations like Whitehorse, Chaparral WMA, Peninsular, etc.

KRNET 01 04:30:20.3-0.1, 40.71N:78.57E, h35km, mb3.0
SOME 01 04:30:22.9, 40.85N:77.90E, h0km
NINC 01 04:30:25.1-0.8, 40.86N:77.93E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=5.6km s-min=3.5km az=166.0
ISC 01 04:30:23.6-2.2, 40.88N:0.08W:78.16E:0.05, h3km:11km,
n48, r1549/71, 14C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and various parameters. Includes stations like TARG Taragay, Kyrgyz, KDJ Kajisay, etc.

Table with columns: PDGK, KST, KST, KST, TKM2, TKM2, TKM2, DGS, DGS, DGS, DGS, KTBS, KTBS, KTBS, ARLS, ARLS, CHKK, CHKK, CHKK, AAK, CHMS, CHMS, ARX, ARX, ARX, ARX, ARX, KRBS, KRBS, KRBS, DJR, DJR, DJR, DJR, SGDS, SGDS, MRKS, MRKS, MRKS, MRKS, MRKS. Includes stations like Kasek, Degeres, Tokmak, etc.

PRE 01 04:31:55.0-1.4, 26.24S:28.02E, h2km, ML1.8, South Africa
Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and various parameters. Includes stations like HRAO HartRAO, PRYS Parys, etc.

NEIC 01 04:39:44.3-0.5, 35.960N:0.009-97.237W:0.01, h6km:3km,
mb_Lg2.3/10, ML2.5/57, ML2.6, Error ellipse: s-maj=1.5km
s-min=1.2km az=124.0
NEIC 01 04:39:44.1-0.4, 35.960N:0.009-97.237W:0.006,
h4km:2km, Error ellipse: s-maj=1.4km s-min=0.4km
az=155.0, Oklahoma
Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and various parameters. Includes stations like OK029 Liberty Lake, ADOK Arcadia Dams, etc.

Table with columns: DEOK, DEOK, OK051, OK051, OK051, FNO, FNO, FNO, BLOK, BLOK, CROK, CROK, CROK, GC02, GC02, KAN13, KAN13, T35A, T35A, T35A, KAN14, KAN14, KAN17, KAN17, TUL3, TUL3, TUL3, KAN09, KAN09, CSTR, CSTR, KAN01, KAN01, OK08, OK08, X34A, X34A, NOKA, NOKA, WMOK, WMOK, RLO, RLO, LOOK, LOOK, X37A, X37A, U38A, U38A, SMWD, SMWD, HARR, HARR, R32A, R32A, KSU1, KSU1, MIAR, MIAR, X40A, X40A, FCAR, FCAR, RTBA, RTBA, R40A, R40A, JCT, JCT. Includes stations like Blackwell, Carrier, Manchester, etc.

IDC 01 04:53:00.1-7.6, 16.05N:97.93W, h0km, mb3.4/3,
mbtmp3.3/4, ML3.2/1, MS2.9/4, Error ellipse:
s-maj=194.7km s-min=127.5km az=70.0
MEX 01 04:53:04.0-0.8, 16.21N:98.27W, h36km, 71km, MD4.4
ISC 01 04:53:03.0-1.4, 16.28N:0.04-98.28W:0.02, h1km:10km,
n65, r221/108, mb3.4/3, Near coast of Guerrero

Table with columns: Code, Station Name, Frequency, Power, Mode, Phase ID, Time, Res, and various parameters. Includes stations like YOIG Yosondua, YOIG Yosondua, CRIG Cruz Grande, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ACIG Acambay, DEIG Demacu, UXUV UXUV, etc.

IDC 01 04:53:51.4, 2.2, 26.94S, 67.48E, h0km, mb3.8/4, mbtmp3.8/4, MS3.3/1, Error ellipse: s-maj=65.8km, s-min=36.2km az=126.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

IDC 01 05:09:07.0, 1.3, 29.30N, 111.74E, h0km, mb3.8/4, mbtmp3.9/5, ML4.6/1, MS3.4/1, Error ellipse: s-maj=67.4km s-min=22.3km az=58.0, Southeastern China

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, MJAR Matsushiro Arr, MKAR Makanchi Array, etc.

NEIC 01 05:13:52.9, 0.7, 26.75S, 0.1, 67.32E, 0.09, h10km, 1km, mb4.7/8, Error ellipse: s-maj=22.1km s-min=4.4km az=218.0

IDC 01 05:13:53.1, 1.0, 26.83S, 67.45E, h0km, mb3.9/8, mbtmp3.9/8, Error ellipse: s-maj=33.8km s-min=22.5km az=96.0

ISC 01 05:13:53.6, 0.7, 26.85S, 0.1, 67.32E, 0.1, h10km, n22, r148/19, mb4.1/11, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROCAM Rodrigues Isla, RER Riviere de l'E, H04N2 CROZET ISLANDS, etc.

comp=Z, 1.3nm, 0.7s

JMA 01 05:16:59.2, 0.3, 44.4°N, 1°14'7E, h34km, MV3.5/24, E OFF HOKKAIDO

SKHL 01 05:17:01.4, 0.4, 44.00N, 147.00E, h25km, 2km, mb4.5/4, ISC 01 05:16:59.1, 2.2, 43.82N, 0.08, 147.21E, 0.08, h34km, 4km, n13, r08/24, Kuril Islands

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

IDC 01 05:24:28.2, 1.1, 30.72N, 138.85E, h398km, 13km, mb3.4/12, mbtmp4.1/14, Error ellipse: s-maj=37.3km s-min=17.2km az=69.0

ISC 01 05:24:28.2, 1.0, 30.72N, 0.1, 138.85E, 0.2, h400km, n15, r09/19, mb3.7/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JHJ Hachioji jima 2, JHJ Hachioji jima 2, JHJ Hachioji jima 2, etc.

CATAC 01 05:28:22.0, 0.5, 12.77N, 90.24W, h10km, 4km, ML3.9, IDC 01 05:28:23.2, 0.6, 13.16N, 90.25W, h0km, mb3.6/3, mbtmp3.6/5, ML3.1/2, MS3.4/3, Error ellipse: s-maj=56.8km s-min=46.7km az=57.0

ISG 01 05:28:26.1, 0.3, 13.02N, 90.45W, h94km, 26km, MD3.7, GCG 01 05:28:29.1, 1.8, 12.88N, 0.06, 90.29W, 0.03, h3km, 10km, n76, r106/93, Off coast of central America

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FAME Alcala de Sa, LALI Alcala de Sa, LALI Alcala de Sa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like UNIC Universidad Ca, UNIC Universidad Ca, UNIC Universidad Ca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H04N2 CROZET ISLANDS 21.06 209, etc.

IDC 01 05:38:14.2±1.4, 27.49S×66.41E, h0km, mb3.9/6, mbtmp3.9/6, Error ellipse: s-maj=44.6km s-min=31.7km

ISC 01 05:38:15.7±1.3, 27.55S×2.664E±0.3, h10km, n9, r154/6, mb4.0/6, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H04N2 CROZET ISLANDS 21.91 208, H04N1 CROZET ISLANDS 21.93 208, etc.

UPA 01 05:39:07.1±1.5, 6.96N-82.67W, h21km±28km, MW3.6, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTPM Petrotermale, LOCO3 Loma Colorada, DVD David, etc.

KRNET 01 05:41:07.8±0.1, 39.54N-73.86E, h9km, mb3.7, IDC 01 05:41:08.8±1.9, 39.50N-73.54E, h0km, mb3.8/5, mbtmp3.7/10, MLJ3.1/5, MS4.4/3, Error ellipse: s-maj=31.6km s-min=19.0km az=149.0

SOME 01 05:41:08.3, 39.62N-73.78E, h15km, NNC 01 05:41:12.1±1.1, 39.67N-73.89E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=8.9km s-min=5.6km az=172.0

ISC 01 05:41:09.2±0.8, 39.61N-0.04, 73.84E±0.02, h10km, n91, c254/129, mb3.9/5, MS4.4/4, 38C-27D, Tajikistan-Xinjiang border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, SFK Osh, OHH Osh, DRK Karamyk, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTBS Maitube, MTBS Baital, TNS5 Tianshan, etc.

1d 5h

Table with columns: HFS, Hagfors, 42.08 320 P, P, 05 48 59.4 -1.5, etc.

BJI 01 05:43:30.8, 0.25S; 119.72E, h11km, mb4.9/83, mB5.6/71, M5.0/86, M5.7/47, 7/83

IDC 01 05:43:32.1, 0.4, 0.05S; 119.68E, h0km, mb4.9/30, mbmp4.8/31, ML4.5/1, MS4.6/44, Error ellipse: s-maj=18.2km s-min=10.3km az=73.0

GCMT 01 05:43:33.8, 0.1, 0.00N, 0.01E; 119.65E, 0.01, h15km, MW5.3/136, Moment Tensor Solution. s103.c147; s136.c223; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mn: 0.11±.01; Mw: 0.63±.01; Mo: 0.74±.01; Ms: 0.35±.04; Mv: 0.06±.01; Mr: 1.04±.04; Best double couple: Mo: 1.23700°/1017; NP1: 211.0000°/385.0000°; NP2: 311.0000°/827.0000°; NP3: 172.0000°/0.0000°; Principal axes: P: 1.0000, Plg44.0000°; Azm147.0000°; N: 0.4640, Plg26.0000°; Azm28.0000°; P: -1.4690, Plg34.0000°; Azm278.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 01 05:43:33.7, 1.0, 0.02S; 119.62E, h22km, mb5.4/67, Error ellipse: s-maj=9.0km s-min=4.2km az=115.7

NEIC 01 05:43:34.9, 0.03N; 119.62E, h22km

NEIC 01 05:43:34.8, 2.0, 0.02S; 0.06E; 119.63E, 0.05, h10km, 1km, mb5.3/183, Mww5.2/21, Error ellipse: s-maj=9.9km s-min=8.6km az=10.0

NEIC 01 05:43:34.9, 0.03N; 119.82E, h22km, Moment Tensor Solution. Duration: 2s3 Moment tensor: Scale 1016Nm; Mx: 3.41; My: 5.72; Mz: -9.13; Mw: 1.60; Mo: 0.07; Mr: 1.92; Fault plane solution: Ms: 0.1000x1016 NP1: 220.18000°/676.59000°/152.89000°; NP2: 316.95000°/663.69000°/15.00000°; Principal axes: T: 6.6002, Plg29.0000°; Azm176.0000°; N: 2.8187, Plg27.0000°; Azm16.0000°; P: -9.4189, Plg9.0000°; Azm271.0000°

DJA 01 05:43:36.1, 0.4, 0.0N, 2.12E; h16km, 4km, M5.5/73, mb5.4/73, mB6.0/55, MLV5.8/20, Mw(mB)5.6/55, Mww5.2/29, Mwp5.4/29

ISC 01 05:43:35.4, 0.4, 0.0S; 119.65E, 0.04, h20km, 2km, h20km; p-P, n607, c1566/672, mb5.2/201, MS4.7/76, 22C-19D, Minahasa Peninsula, Sulawesi

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

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

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

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

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

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

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Table with columns: MNAI, Manna, 17.21 255 P, P, 05 47 36.9 +0.5, etc.

Table with columns: KDU, Kakadu, 17.86 135 P, P, 05 47 44.5 +1.0, etc.

Table with columns: BKNI, Bangkinang, 18.61 271 P, Pn, 05 47 53.1 +0.9, etc.

Table with columns: FITZ, Fitzroy Crossi, 18.86 162 P, Pn, 05 47 54.9 -0.3, etc.

Table with columns: GSI, Genyem, 20.97 97 P, Pn, 05 48 13.0 -0.9, etc.

Table with columns: MBWA, Marble Bar, 20.97 180 P, Iamb, 05 48 17.5 +0.1, etc.

Table with columns: QIZ, Qiongzhou, 21.28 334 P, P, 05 48 18.4 -2.4, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 52.1 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 50.6 +1.7, etc.

Table with columns: WHN, Wuhan, 30.85 351 P, Sp, 05 49 56.5 +3.2, etc.

20

Table with columns: CNSH, comp=Z,1µm,13.9s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,16.4s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

Table with columns: CNSH, comp=Z,1µm,19.1s, LR, LR, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like CHKK Chushkaly, TKM2 Tokmak 2, KUU Kurty, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like MA2 Magadan, SNZO South Karori, BHW Baring Head, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like KMBO Kiilima Mbogo, VRH Novokhoporsk, SOC Sochi, etc.

Table with columns for station names (e.g., KNK, SML, SML), coordinates, dates, and various data points.

Table with columns for station names (e.g., E28A Huff, ANMO Albuquerque), coordinates, dates, and various data points.

Table with columns for station names (e.g., ROCAM Rodrigues Isla, RER Riviere de l'E), coordinates, dates, and various data points.

Table with columns for station names (e.g., VNA1 Neumayer-Stat, VNA3 Neumayer Olym), coordinates, dates, and various data points.

Table with columns for station names (e.g., TAP 01 05:05:11.1, 22:28:11), coordinates, dates, and various data points.

Station data summary: IDC 01 05:46:15.3; 0.6, 26:58S; 67.49E, h0km, mb4.3/16, mtmfp4.3/16, MS4.4/9, Error ellipse: s-maj=18.4km

Station data summary: NEIC 01 05:46:17.0; 0.2, 26:65S; 0.1:1.674E; 0.1, h10km, 1km, mb4.9/23, Error ellipse: s-maj=19.1km s-min=18.0km

Station data summary: GCMT 01 05:46:17.0; 0.4, 26:58S; 0.0:02:67:92E; 0.05, h12km, MW4.9/68, Moment Tensor Solution, s20,c21; s68,c89; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.19; 12; Mw=2.22; 09; Mww=0.03; 12; Mw=0.12; 31; Mw=0.30; 09; Mr=2.41; 52; Best double couple: M3.04900x10^16

Station data summary: N1703313.00000, 663.00000, -1.38.00000; Principal axes: T 2.3450, P1g1.00000, Azm18.00000; N 1.4030, P1g31.00000, Azm115.00000; P -3.7530, P1g57.00000, Azm271.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Station data summary: ISC 01 05:46:16.9; 0.5, 26:55S; 0.09:67.44E; 0.09, h10km, n62, m1505/52, mb4.6/30, MS4.5/3, 5C, Indian Ocean Triple Junction

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like ECBN, SCZT, YULB, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like WCS, HWA, WHF, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like LIS, LIS, LIS, etc.

MDD 01 05:51:59.1±0.3, 37.74N, 9.62W, h20km, 2km, mb, Lg4, 3/86, Error ellipse: s-maj=2.6km s-min=1.6km az=79.0

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MVO, EADA, PCAB, EMAL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like EARA, PAMOZ, PAMOZ, etc.

IDC 01 05:58:02.1.1.0.80S:29.19E, h0km, mb4.0/0, mbmp4.0/9, ML3.7/1, MS4.2/3, Error ellipse: s-maj=33.3km s-min=22.7km az=177.0

NEIC 01 05:58:04.2.1.3.0.91S:0.06:29.27E:0.10, h10km, 1km, mb4.4/9, Error ellipse: s-maj=18.5km s-min=5.5km az=297.0

ISC 01 05:58:03.6.0.7.0.81S:0.10:29.33E:0.07, h10km, m33, a1951/28, mb4.3/12, MS4.3/3, Zaire

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MBAR, KIMBO, KIMBO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like FINES, KURKB, KURK, etc.

MDD 01 05:58:09.7.0.4.3.771N:9.67W, h27km, 5km, mb_Lg3.7/7.4, Error ellipse: s-maj=4.8km s-min=1.8km az=71.0

IGIL 01 05:58:11.7.37.73N:9.55W, h29km, ML3.7, LDG 01 05:58:11.7.0.2.37.75N:9.58W, h26km, ML3.6/6, Error ellipse: s-maj=3.6km s-min=1.8km az=62.0

SFS 01 05:58:11.2.37.73N:9.58W, h37km, mb4.2/6, ML4.2/27, ML4.1/21, MLV3.9/27

INMG 01 05:58:12.0.1.7.37.74N:9.54W, h36km, ML3.4, Error ellipse: s-maj=4.4km s-min=1.6km az=79.0

CNRM 01 05:58:13.2.37.56N:9.30W, h61km, ML3.1, ISC 01 05:58:09.7.1.1.37.76N:0.03:9.48W:0.05, h35km, n137, a1911/227, 6C-7D, Portugal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like PSINE, PTEO, PALJ, etc.

Table of astronomical data for 1st 6h, listing stations like PESTR, PEAR, and PBAR with associated codes, times, and coordinates.

Main table of astronomical data for 2018 OCT, listing stations such as M27K, BVAR, TORD, and various island stations like M27K, BVAR, TORD, etc.

Table of astronomical data for 26th, including station names like M27K, BVAR, and TORD, with detailed coordinates and observation parameters.

Table listing radio stations with columns for call letters, name, frequency, and signal strength. Includes stations like ASHO Ashiyiah, FITZ Fitzroy Crossi, CM31 Chiang Mai Arr, and many others.

Table listing radio stations with columns for call letters, name, frequency, and signal strength. Includes stations like ARK Arkit, WUS Wushi, AML Almayashu, and many others.

Table listing radio stations with columns for call letters, name, frequency, and signal strength. Includes stations like BTO BTO, DGZ DGZ, HHC Hu-ho-hao-te, and many others.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like EGFG, WARBT, SLGT, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like ETHL, FUSS, TDCB, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like PSA00, CMAR, BBOO, etc.

Vertical text block containing station codes and names: ETHL, FUSS, TDCB, TWK1, TWK1, TWKBT, WHP, EAHA, NNSB, EOSA, EOSA, TWQ1, TWQ1, ENA, EWUT, NSY, NSY, LATG, EOSS, EOSS, TWQ1, TWQ1, NMLH, NMLH, EOSE, EOSE, ESOA, ESOA, WDG, WDG, WDG, WDG, NFF, NFF, ENTT, ENTT, NSTT, NSTT, YHNB, YHNB, YHNB, YHNB, TWC, TWC, LIOB, LIOB, LIOB, LIOB, NSK, NSK, TWE, TWE, PHUB, PHUB, PHUB, PHUB, FUSB, FUSB, NWL, NWL, NWL, NWL, PNG, PNG, PNG, PNG, VCHM, VCHM, VCHM, VCHM, JYNG, JYNG, YJO, YJO, YJO, YJO, YMO, YMO, HATJ, HATJ, IRIF, IRIF, IRIF, IRIF, YVUC, YVUC, JKRS, JKRS, PTMZ, PTMZ, JJJ, JJJ, JISG, JISG, JISG, JISG, JTT, JTT, JMJJ, JMJJ, KULM, KULM, KULM, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DBIC Dimbokro, KURBS Kurchatov Arr, AGG Agios Georgios, BVAR Borovoye Array, ZALV Zalesovo Beam, SONM Songino Array, AKASG Malin Array, GERES GRESS Array B.

IDC 01 06:16:27.0, 1.2, 26.56S, 67.69E, h0km, mb3.9/7, mbmp3.9/7, Error ellipse: s-maj=48.0km s-min=24.6km az=112.0

NEIC 01 06:26:26.7, 1.8, 26.71S, 67.7E, 0.2, h10km, 1km, mb4.7/13, Error ellipse: s-maj=23.1km s-min=10.1km az=264.0

ISC 01 06:16:27.0, 0.6, 26.62S, 67.7E, 0.1, h10km, n24, s147/21, mb4.4/14, Indian Ocean Triple Junction

Main table for 1d 6h section, listing various stations and their coordinates, including RODRIGUES ISLA, CROZET ISLANDS, MAW Mawson, LOKD Lodwar, CMAR Chiang Mai Arr, KNRA Kunurra, TOLIZ Tolitoli, MYLDM Lahad Datu, BBOO Buckleboob, SNAAS Sanae, ASAR Alice Springs, WRA Warramunga Arr, WB0 WBO, WR0 WR0, GSPA South Pole Qui, GAR Garm, BELA Belirano 2, ABKAR Akbulat array, HOPE Hope Point, ZALV Zalesovo Beam, SONM Songino Array.

UPA 01 06:16:36.3, 1.2, 6.87N, 82.70W, h25km, 27km, MW3.5, South of Panama

Table listing stations in the South of Panama region, including PTPM Petroterminale, DVID David, GMAL Guarumal, PTAR3 Potrerillos Ar, PSOM3 Paja de Sombre, BCO2 Palmira, CACAO El Cacao, Vera, BRU2 Volcan, LNB03 Los Naranjos, CHGR2 Aguacate, CHIT3 Chitre, CN12 El Empalme, Bo, AZU Azuero, BCIP Isla Barro Colorado.

NOU 01 06:17:29.8, 18.29S, 167.84E, h30km, MLV3.9/7, Vanuatu Islands, Vanuatu Islands

Table listing stations in the Vanuatu Islands region, including DVP Devils Point, VLAKA Lakatoro, MARNC Mare, Loyalty, KOJUNC Koumac, Noue Ca, NOJUC Port Laguerre, ONTNC Ouen Toro.

IDC 01 06:25:33.0, 46.0, 26.74S, 67.73E, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=1128.0km s-min=58.7km az=72.0, Indian Ocean Triple Junction

Table listing stations in the Indian Ocean Triple Junction region, including HOAN2 CROZET ISLANDS, HOAN1 CROZET ISLANDS, HOAN3 CROZET ISLANDS, CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warramunga Arr.

IDC 01 06:32:02.5, 5.5, 26.53S, 67.81E, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=155.6km s-min=42.7km az=57.0, Indian Ocean Triple Junction

Table listing stations in the Indian Ocean Triple Junction region, including ROCAM Rodrigues Isla, HOBS1 Diego Garcia H.

Table listing stations in the Indian Ocean Triple Junction region, including HOBS1 Diego Garcia H, HOBS2 Diego Garcia H, HOBS3 Diego Garcia H, HOAN2 CROZET ISLANDS, HOAN1 CROZET ISLANDS, HOAN3 CROZET ISLANDS, HO1W2 Cape Leeuwin H, HO1W3 Cape Leeuwin H, HO1W1 Cape Leeuwin H, CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam.

IDC 01 06:32:54.7, 0.7, 24.49S, 175.96W, h0km, mb4.0/10, mbmp4.0/10, Error ellipse: s-maj=28.5km s-min=22.9km az=130.0

NEIC 01 06:32:56.1, 1.6, 24.4S, 0.1, 175.2W, 0.1, h10km, 1km, mb4.6/8, Error ellipse: s-maj=19.1km s-min=15.5km az=357.0

ISC 01 06:32:56.2, 0.5, 24.42S, 0.08, 175.28W, 0.08, h10km, n33, s135/29, mb4.5/18, 5C, South of Tonga Islands

Table listing stations in the South of Tonga Islands region, including NIUE Niue, MSFV Nonsavu, AFI Afiamalu, RAR Rarotonga, URZ Urewera, URZ URZ, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WR0 Warramunga Arr, WB2 Warramunga Arr, WB0 Warramunga Arr, WB0 WBO, FITZ Fitzroy Crossi, CASY Casey.

SMAI San Martin Ant, BELA Belirano 2, MAW Mawson, NVAR Neumayer Olymp, USRK Ussuriysk Arr, TROLL Troll, Antarti, SNAAS Sanae, SNAAS Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, TXAR Lajitas Array, PDAR Pinnacle Array, ILAR Eielson Array, AKASG Malin Array, TORD Torodi Arr, Bea.

Table listing stations in the South of Tonga Islands region, including SMAI San Martin Ant, BELA Belirano 2, MAW Mawson, NVAR Neumayer Olymp, USRK Ussuriysk Arr, TROLL Troll, Antarti, SNAAS Sanae, SNAAS Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, TXAR Lajitas Array, PDAR Pinnacle Array, ILAR Eielson Array, AKASG Malin Array, TORD Torodi Arr, Bea.

IDC 01 06:40:10.9, 1.3, 4.51S, 143.97E, h0km, mb3.9/4, mbmp3.9/5, ML 1.9/1, Error ellipse: s-maj=49.9km s-min=28.0km az=85.0

ISC 01 06:40:21.5, 1.0, 5.1S, 0.2, 143.8E, 0.2, h10km, n6, s218/6, mb3.6/3, New Guinea

Table listing stations in the New Guinea region, including PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, BVAR Borovoye Array, ILAR Eielson Array.

IDC 01 06:44:29.3, 0.8, 26.48S, 67.81E, h0km, mb3.9/12, mbmp3.9/12, MS3.6/9, Error ellipse: s-maj=28.7km s-min=21.4km az=60.0

NEIC 01 06:44:30.9, 1.3, 26.6S, 0.1, 67.48E, 0.08, h10km, 1km, mb4.7/7, Error ellipse: s-maj=23.2km s-min=10.1km az=202.0

ISC 01 06:44:30.7, 0.6, 26.5S, 0.1, 67.7E, 0.2, h10km, n33, s092/22, mb4.2/15, MS3.6/3, Indian Ocean Triple Junction

Table listing stations in the Indian Ocean Triple Junction region, including ROCAM Rodrigues Isla, HOBS1 Diego Garcia H.

Table listing stations in the Indian Ocean Triple Junction region, including HOBS2 Diego Garcia H, HOBS3 Diego Garcia H, HOAN2 CROZET ISLANDS, HOAN1 CROZET ISLANDS, HOAN3 CROZET ISLANDS, PALK Palkelele, BOSA Boshu, HO1W2 Cape Leeuwin H, HO1W3 Cape Leeuwin H, HO1W1 Cape Leeuwin H, SNAAS Sanae, SNAAS Sanae, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WB2 Warramunga Arr, WB0 WBO, WR0 WR0, STKA Stephens Creek, STKA Stephens Creek, GSPA South Pole Qui, GSPA South Pole Qui, QSPA QSPA, BELA Belirano 2, BELA Belirano 2, BRTR Keskin Arr, MKAR Makanchi Array, MKAR Makanchi Array, TORD Torodi Arr, ABKAR Akbulat array, KURBS Kurchatov Arr, BVAR Borovoye Array, ZALV Zalesovo Beam, SONM Songino Array.

WEL 01 06:53:36.1, 0.4, 45.5S, 3.16E, h5km, M3.8/12, ML4.0/12, MLV3.8/12, Error ellipse: s-maj=0.0km s-min=0.0km az=128.4, confirmed, South Island

Table listing stations in the South Island region, including MSZ Milford Sound, GLNY Glenorchy, JCZ Jackson Bay, NSBS Neils Beach, NSBS Neils Beach, QTPS Queenstown Pol, WKZ Wanaka, WNPS Wanaka Nationa, MECS Makarora Emerg, MLZ Mavora Lakes, TAFS Te Anau Fire S, EAZ Earnsclough, MOSS Mossburn Schoo, MOSS Mossburn Schoo, DCZ Deep Cove, DCZ Twizel Area Sc, TWAS Twizel Area Sc, WHZ Wether Hill Ro, WHZ Lake Benmore, LBZ Lake Benmore, LBZ Fox Glacier, MCNS Mount Cook Ann, TUZ Tuapeka, ODZ Otahou Downs, GMSZ Gaunt Creek Bo, TCSZ Puysegur Point, TCSZ Timaru, SYZ Scrubby Hill, HYSZ Highcliff Hill, RPY Rata Peaks, ARZ Arundel, WYZ Waitaha Valley, APZ The Paps, WACZ Wakanu South, INZ Inchbonnie, OXZ Oxford, MQUEEN'S VALL, LTZ Lake Taylor, AKARZ Akarora Harbour, OKCZ Okains Bay, DSZ Denniston Nort, GVZ Gretna Valley S, HNZ HNZ, MRNZ Matariki Terra, QRZ Quartz Range, NRZ Nelson, TCW Turu Channel, KHYZ Kahui Hut, NEZ North Egmont, PKE Pukei, VRZ Vera Road, OTVZ Oturere.

UPA 01 06:58:23.5, 1.5, 6.72N, 82.98W, h43km, 226km, MW4.4 UCA 01 06:58:26.8, 1.1, 6.95N, 82.67W, h36km, 99km, MW3.9

ISC 01 06:58:23.2, 6.8, 6.9N, 0.2, 82.70W, 0.08, h10km, n21, s112/27, South of Panama

Table listing stations in the South of Panama region, including GMAL Guarumal, Vera, GMAL Guarumal, Vera, BCO2 Palmira, BCO2 Palmira.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CACAO El Cacao, Vera, BRU2 Volcan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DQM Jajag, Banyuwya, CASY Casey, PS000 Pilita Seismi, etc.

RSNC 01 06:59:23.8:0.0, 8°N, 1°77'W, h18km, 2km, M3.2, mb4.3, mb5.0, ML3.0, Mw(mb)4.3, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CAPC Capurgana, APAC Apartado, LCBC Los crdobas, etc.

DC 01 07:21:37.7:0.4, 26°58'S:67°72'E, h0km, mb4.6/24, mbtmp:4.6/24, MS4, 2/53, Error ellipse: s-maj=15.5km s-min=12.8km az=53.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ROCAM Rodrigues Isla, RER Riviere de l'E, AIS Amsterdam Isla, etc.

DC 01 07:21:37.7:0.4, 26°58'S:67°72'E, h0km, mb4.6/24, mbtmp:4.6/24, MS4, 2/53, Error ellipse: s-maj=15.5km s-min=12.8km az=53.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JMDJ Jabal Madar, JMDJ Jabal Madar, WBK Wadi Bani Khal, etc.

DC 01 07:11:23.5:1.3, 26°58'S:67°71'E, h0km, mb3.9/7, mbtmp:3.9/7, Error ellipse: s-maj=41.6km s-min=26.0km az=113.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

DC 01 07:11:23.5:1.3, 26°58'S:67°71'E, h0km, mb3.9/7, mbtmp:3.9/7, Error ellipse: s-maj=41.6km s-min=26.0km az=113.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

DC 01 07:11:23.5:1.3, 26°58'S:67°71'E, h0km, mb3.9/7, mbtmp:3.9/7, Error ellipse: s-maj=41.6km s-min=26.0km az=113.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SOHO SOHO, ALNE Al Ain, ALNE Al Ain, etc.

Table of station data for stations KSV through JKB. Columns include station name, location, coordinates, and various parameters like elevation and frequency.

Table of station data for stations CLL through PFO. Columns include station name, location, coordinates, and various parameters like elevation and frequency.

Table of station data for stations JKB through JKB. Columns include station name, location, coordinates, and various parameters like elevation and frequency.

JMA 01 07:37:09.0±0.1, 42°6'N, 142°0'E±0.5, h36km, 1km, Mv3.2/36, ISHIKARI DEPRESSION
JMA Felt J1 at ISHIKARI DEPRESSION.
IDC 01 07:37:24.4±7.8, 42°47'N, 141°14'E, h169km, 60km, mb3.3/5, mbtmp3.7/6, Error ellipse: s-maj=99.7km s-min=27.0km az=66.0
ISC 01 07:37:09.2±0.8, 42°54'N, 140°41'198E±0.03, h35km, m24, s1507/28, mb3.8/5, 14Z, Hokkaido region

DJA 01 07:54:10.7±1.3, 8°S, 8°E±12'4E±, h136km, 15km, M3.4/4, Mv3.4/4
IDC 01 07:54:17.8±5.5, 8°22'S, 124°59'E, h242km, 59km, mb3.0/1, mbtmp3.9/3, Error ellipse: s-maj=161.8km s-min=19.3km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, LBTB Lobatse, KMB0 Kilima Mbogo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZELE Perez Zeledon, RITA Parrita, BUN1 Rivas, etc.

NEIC 01 09:50:15.4: 1.5, 25:90S:0:09:177:0W:0:1, h72km, 5km, mb4.8/24, Error ellipse: s-maj=16.7km s-min=9.1km

IDC 01 09:50:21.3: 1.8, 25:93S:177:30W, h120km, 15km, mb4.0/12, mbmp4.5/16, MS3.4/4, Error ellipse: s-maj=17.5km s-min=13.4km az=90.0

ISC 01 09:50:18.7: 0.4, 25:92S:05:107:37W:0:09, h100km, n73, c1/75/65, mb4.7/24, 5C, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, MSVF Monsaviv, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GSPA South Pole Qui, SMAIL San Martin Ant, BELA Belgrano 2, etc.

IDC 01 09:57:56.0: 0.6, 26:49S:67:91E, h0km, mb4.2/14, mbmp4.2/14, MS3.4/6, Error ellipse: s-maj=22.1km s-min=17.0km az=67.0

NEIC 01 09:57:59.6: 1.8, 26:19S:0:06:68:0E:0:1, h10km, 1km, mb4.7/10, Error ellipse: s-maj=20.3km s-min=6.6km az=112.0

ISC 01 09:57:57.0: 0.5, 26:34S:0:09:67:9E:0:1, h10km, n42, c1/49/30, mb4.4/19, MS3.4/6, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ROCAM Rodrigues Isla, H0BS1 Diego Garcia H, H0BS2 Diego Garcia H, etc.

UCR 01 09:48:43.1: 0.8, 9:06N:84:07W, h0km, 4km, MW3.8
UPA 01 09:48:44.1: 0.9, 9:04N:84:05W, h0km, 3.4km, ML4.4
ISC 01 09:48:43.4: 1.3, 9:04N:0:04:84:10W:0:04, h7km, 10km, n73, c0/74/83, 10C-20D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Paulatuk, Telegraph Cree, Ketchikan, etc.

RSNC 01:10:33.48.0.0, 7.1N, 173.7W, h138km, M2.7, mb3.2, mb5.9, ML2.5, Mw(mb)5.5, Northern Colombia

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

NNC 01:10:44:46.6.0.5, 0.01N, 78.92E, h0km, mb3.4, mpv2.9, Error ellipse: s-maj=17.9km s-min=2.6km az=65.0, Suspected Mining explosion.

IDC 01:10:44:48.5.1.1, 50.04N, 78.58E, h0km, mbmp2.5/2, ML 1.9/2, Error ellipse: s-maj=11.6km s-min=6.9km az=62.0

ISC 01:10:44:48.8.2.4, 50.02N, 08.78E, 0.3, h0km, n16, -0597/26, 10C-13D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR07, KUR07, KUR06, etc.

Table with columns: MKAR, MKAR, ZALV, ZALV, I46RU. Includes station names and coordinates.

JMA 01:11:00:34.0.0.2, 38.0N, 07.14E, h36km, MV3.6/31, FAR E OFF NORTH HONSHU, Off east coast of Honshu

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

IDC 01:11:03:15.6.0.7, 3.19N, 126.71E, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=50.1km s-min=15.6km az=72.0

DJA 01:11:03:21.5.0.5, 3.3N, 126.7E, h10km, M4.4/3, mb4.6/3, ML4.2

NEIC 01:11:03:23.1.4.3, 3.3N, 126.7E, h57km, 9km, mb4.6/15, Error ellipse: s-maj=18.3km s-min=13.2km az=66.0

ISC 01:11:03:23.8.0.6, 3.22N, 126.7E, 0.1, h63km, n34, -0599/36, mb3.4/18, Talaud Islands

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

MKAN Makanchi Array 57.95 325 P P 11 13 10.1 +0.2

ZALV Zalesovo Beam 61.03 333 P P 11 13 30.6 -0.2

KURBB Kurchatov Arra 62.15 328 P P 11 13 38.1 -0.3

KURK Kurchatov 62.15 328 P Iamb I 11 13 38.3 -0.1

BVAR Borovoye Array 67.73 327 P P 11 14 15.6 +1.0

ABKAR Abkutak array 72.52 321 P P 11 14 43.4 -0.7

ILAR Eielson Array 85.25 25 P P 11 15 54.6 -0.4

QSPA South Pole Quij 93.12 180 P Iamb I 11 16 31.6 +0.8

TXAR Lajitas Array 121.94 52 PKPK PKIKP 11 22 13.2 +1.1

IDC 01:11:19:25.0.7, 2.691S, 129.98E, h111km, 68km, mb3.6/4, mbmp4.0/6, Error ellipse: s-maj=113.9km s-min=25.8km az=68.0

NEIC 01:11:19:31.8.0.9, 7.16S, 0.05x129.5E, 0.2, h166km, 10km, mb4.1/10, Error ellipse: s-maj=22.9km s-min=7.3km az=93.0

ISC 01:11:19:28.8.0.7, 7.16S, 0.08x129.33E, 0.09, h139km, n44, -1960/44, mb3.8/6, Banda Sea

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

Table with columns: WB2, WB2, COEN, COEN, GIS, GIS, AS31, AS31, ASAR, ASAR, ASAR, ASAR. Includes station names and coordinates.

ASO1 Alice Springs 17.01 165 P Pn 11 23 17.9 -0.5

PSA00 Pilbara Seismi 17.01 212 P Pn 11 23 19.2 +0.7

PSA00 comp=Z, 1.6nm, 1.4s Iamb Iamb 11 23 36.1

WRKA Warakurna 17.81 183 P Pn 11 23 27.3 -0.7

SBUM Sibiu 19.56 299 P Pn 11 23 49.6 +1.0

SBUM comp=Z, 4.5nm, 0.7s Iamb Iamb 11 23 50.5

OOD Oodnadatta 21.40 164 P P 11 24 04.8 -0.7

INKA Innamitka 23.16 153 P P 11 24 23.5 +0.5

MULG Mulgathing 23.43 170 P P 11 24 25.6 +0.1

FORT Fort 23.53 183 P P 11 24 26.3 -0.1

FORL Forrest 23.57 183 P P 11 24 26.9 +0.5

OLP Oulpie 23.93 145 P P 11 24 31.5 +1.1

LCKR Leakey Creek 24.63 161 P P 11 24 36.9 +0.5

BBOO Buckleboo 26.28 167 P P 11 24 50.8 -0.8

BBOO comp=Z, 1.3nm, 1.2s Iamb Iamb 11 24 51.2 -0.1

BBOO Buckleboo 26.28 167 P P 11 24 51.2 -0.1

STKA Stephens Creek 27.13 157 P P 11 24 58.5 -0.4

STKA comp=Z, 1.5nm, 0.5s, baz=319, slow=9.4, SNR=4.1 Iamb Iamb 11 24 58.5 -0.4

ARPS Mount Arapiles 31.61 161 P P 11 25 39.2 +0.7

TPO Toolang 33.65 156 P P 11 25 57.5 +1.2

MKAN Makanchi Array 67.99 327 P P 11 30 13.6 +0.6

MKAN comp=Z, 1.6nm, 1.1s Iamb Iamb 11 30 50.8

MKAN Makanchi Array 67.99 327 P P 11 30 13.2 +0.3

MKAN comp=Z, 0.6nm, 0.5s, baz=129, slow=5.2, SNR=4.7 Iamb Iamb 11 30 13.6 +0.6

KURBB Kurchatov Arra 72.29 329 P P 11 30 38.6 -0.3

KURBB comp=Z, 0.4nm, 0.3s, baz=129, slow=5.2, SNR=4.7 Iamb Iamb 11 30 38.6 -0.3

KURK Kurchatov 72.30 329 P P 11 30 39.4 +0.4

ABKAR Abkutak array 82.21 322 P P 11 31 33.8 -0.6

QSPA South Pole Quij 82.82 180 P P 11 31 36.2 -1.2

QSPA comp=Z, 0.6nm, 0.7s, baz=310, slow=0.9, SNR=3.3 Iamb Iamb 11 31 56.0

QSPA comp=Z, 2.8nm, 1.4s Iamb Iamb 11 31 37.3 -0.1

IDC 01:11:36:00.3.1.0, 10.41N, 126.46E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=63.5km s-min=21.7km az=72.0

ISC 01:11:36:06.6.1.1, 10.40N, 02x126.46E, 0.5, h44km, n6, -0570/6, mb3.5/6, Philippine Islands region

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

GUC 01:11:54:26.5.0.7, 24.30S, 67.54W, h212km, 10km, ML4.0, 1C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GO02, GO02, LVC, LVC, etc.

IDC 01:11:55:51.2.1.0, 26.58S, 67.83E, h0km, mb3.9/11, mbmp3.9/11, MS3.5/11, Error ellipse: s-maj=36.1km s-min=22.6km az=48.0

ISC 01:11:55:52.9.0.9, 26.65S, 67.82E, 0.2, h10km, n27, -0541/11, mb3.9/11, MS3.5/11, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1, H08S1, H08S2, etc.

1d 12h

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar, Beo, TORO Z, KURBB Kurchatov Arra, BVAR Borovoye Array, ZALV Zalesovo Beam, ZALV Z, SONMI Songoing Array, AKASG Malin Array Be.

RSPR 01:11:55:58.8, 18:02'N:68:03'W, h66km, 2km, MD3.0/14
NEIC 01:11:55:58.2-0.7, 18:0N:02:68:03W:0.07, h70km, 6km,
ML2.7/30, MD3.1/14(RSPR), Error ellipse: s-maj=26.4km
s-min=5.4km az=198.0
SDD 01:11:56:00.1-2.4, 18:11'N:68:03'W, h64km, 15km, MD3.3,
ML2.8, MW3.1

ISC 01:11:55:57.4-1.4, 18:05'N:0:08:68:05W:0.03, h76km, 10km,
n64, c0563/80, 20C-18Z, Mona Passage

Main table for 1d 12h section, listing various stations and their parameters. Includes stations like Punta Cana, Isla Desecheo, Isla Saona, Cabo Rojo, Las Mesas, Magueyes Islan, Aguadilla, etc.

2018 OCT

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like SJG, IGPR Interuniversit, IGPR comp=E, 89nm, 0.3s, IGPR comp=N, 73nm, 0.3s, GPCR Guaynabo City, GPCR Guaynabo City, GPCR Guaynabo City, PDRP Patillas Dam, PDRP Patillas Dam, PDRP Patillas Dam, HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, HUMP comp=N, 56nm, 0.2s, HUMP Col San Antoni, BANI BANI, PODR Polo, PODR, PODR comp=E, 31nm, 0.8s, PODR, REDR Restauracion, REDR, REDR comp=N, 16nm, 0.7s.

IDC 01:11:58:17.9:999.0, 54:33'N:1:34'E, h0km, Error ellipse:
s-maj=507.8km s-min=174.0km az=108.0, North Sea

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like I26DE FREYJUNG INFRAS, I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF.

HEL 01:12:05:13.3:0.1, 67:66'N:33:71'E, h0km, ML1.4,
Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like LVZ Lovozero, LVZ Vario, VRF VRF, VRF VRF, VRF VRF, OLKF Oulanka, OLKF Oulanka, RAJF Raja-Jooseppi, KU6 Rieikki, KU6, KMNF Kaamenen, KMNF Rovaniemi, RNF Kevo, RNF Kevo, KLF Kolari, TOF Tornio, TOF Vikkela, Lumij.

UPP 01:12:05:31.3:0.9, 64:52'N:24:34'E, h0km, ML1.5
HEL 01:12:05:32.3:0.1, 64:50'N:24:34'E, h0km, ML1.3,
Explosion, Finland

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like OBFO Syolatti, Pyha, OUF Merijarvi, OUF Merijarvi, OUF Ulkokalla, OUF Vikkela, Lumij, OUF Oulu, OUF Burvik, BURU Burvik, BURU Burvik, BURU Burvik, KALU Kalix, KALU Kalix, KALU Kalix, SJUU Saljussmark, ODEF Stanfors, TOF Tornio, TOF Ylistaro, VAF Ylistaro, VAF, VAF Umeaa, UMAU Umeaa, UMAU Umeaa, RANF Ranua, RANF Nilsia, NIF Nilsia, NIF Sumiainen, SUF Sumiainen, SUF Vanoeniden, SVAU Keuruu, KEF Keuruu, KEF Romuvaara, RIMF Kangasniemi, KAF Pajala, PAJU Pajala, PAJU Kolari, KU6 Rieikki, KU6 Joensuu, JOF Joensuu, HEL1 Helsinki.

IDC 01:12:10:47.5:3.2, 40:59'N:143:27'E, h0km, mb3.7/4,
mbtmp3.6/5, ML2.2/1, Error ellipse: s-maj=81.6km
s-min=31.0km az=74.0
JMA 01:12:10:59.1:0.1, 40:4N:0:4:142:2'E:0.8, h44km, 1km,
Mv3.7/32, NE OFF IWATE PREF
JMA Fev II J1 at NE OFF IWATE PREF

Main table for 2018 OCT section, listing various stations and their parameters. Includes stations like OBFO Syolatti, OUF Merijarvi, OUF Ulkokalla, OUF Vikkela, BURU Burvik, BURU Burvik, KALU Kalix, SJUU Saljussmark, ODEF Stanfors, TOF Tornio, VAF Ylistaro, VAF Umeaa, UMAU Umeaa, RANF Ranua, RANF Nilsia, NIF Nilsia, NIF Sumiainen, SUF Sumiainen, SUF Vanoeniden, SVAU Keuruu, KEF Keuruu, KEF Romuvaara, RIMF Kangasniemi, KAF Pajala, PAJU Pajala, PAJU Kolari, KU6 Rieikki, KU6 Joensuu, JOF Joensuu, HEL1 Helsinki.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like JKEN Kujedannarisaw, JTH Nohata, JANG Nango, JANG Kuzumaki, JKZ JKZ, JARK Amorirokkasho, JARK JARK, JTM Tenabayashi, JTM Ohasama, JAH Hinal, MJAR South Shiro Arr, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Maknanchi Array, KURBB Kurchatov Arra, WRA Warramunga Arr.

IDC 01:12:14:50.6:14.0, 16:99'S:177:27'W, h268km, 137km,
mb3.2/7, mbtmp3.9/7, Error ellipse: s-maj=40.7km
s-min=26.6km az=33.0

ISC 01:12:14:53.9:1.0, 17:05'S:0:2:177:30'W:0.2, h300km, n7,
c0537/7, mb3.4/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, QSPA South Pole Qui, TXAR Lajitas Array, ILAR Eielson Array.

IDC 01:12:32:45.1:1.4, 26:78'S:67:43'E, h0km, mb3.7/5,
mbtmp3.7/5, Error ellipse: s-maj=48.7km s-min=32.0km
az=55.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like H0BS1 Diego Garcia H, H0BS2 Diego Garcia H, H0BS3 Diego Garcia H, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, ASAR Alice Springs, WRA Warramunga Arr, QSPA South Pole Qui, BRTR Keskin Array B, ZALV Zalesovo Beam.

IDC 01:12:38:38.1:2.2, 7:65'S:127:12'E, h0km, mb3.2/1,
mbtmp3.1/3, ML3.0/2, Error ellipse: s-maj=213.4km
s-min=33.5km az=63.0, Banda Sea

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

IDC 01:12:45:03.6:1.4, 3:12'N:126:31'E, h0km, mb3.8/7,
mbtmp3.8/7, Error ellipse: s-maj=166.8km s-min=17.0km
az=60.0

ISC 01:12:45:10.4:2.2, 3:1N:1:10:126:6'E:1, h50km, n7, c0540/7,
mb3.8/7, Talaud Islands

Main table for 2018 OCT section, listing various stations and their parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, WRA Warramunga Arr, MKAR Maknanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs.

1.0nm,0.4s,baz=89,slow=8.3,SNR=38
1.0nm,0.4s

KRSC 01 12:49:02.6: 1.9, 54.94N:167.88E, h32km, mb3.8
IDC 01 12:49:06.2: 3.9, 54.37N:168.29E, h81km, mb3.2/5,
mbmp3.5/6, ML2.4/1, Error ellipse: s-maj=106.3km
s-min=21.8km az=176.0

ISC 01 12:49:04.2: 1.1, 55.00N:0.1:168.13E:0.08, h35km, n29,
s139/22, mb3.4/5, Komandorski Islands region

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

MOS 01 12:59:32.7: 4.1, 89N:46.73E, h22km, MPVA3.4
AZER 01 12:59:32.7: 4.1, 89N:46.73E, h6km, ml1.9
DRS 01 12:59:33.4: 9.1, 92N:46.73E, h6km, g8km

ISC 01 12:59:32.9: 0.9, 41.83N:0.02:46.58E:0.03, h12km, g8km,
n27, s151/52, Eastern Caucasus

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

IDC 01 13:19:21.7: 1.6, 1.38N:125.50E, h0km, mb3.8/4,
mbmp3.8/4, MS3.8/1, Error ellipse: s-maj=182.6km
s-min=20.4km az=65.0

NEIC 01 13:19:22.0: 3.1, 38N:0.3:126.4E:0.4, h10km, 2km,
mb4.0/6, Error ellipse: s-maj=85.9km s-min=12.5km
az=227.0

DJA 01 13:19:25.8: 0.3, 2.4N:4.127E:1.1, h10km, M3.77, mb4.1/1,
MLV3.5/7

ISC 01 13:19:21.7: 1.3, 1.9N:0.1:126.5E:0.1, h10km, n18,
s114/18, mb4.0/8, Northern Molucca Sea

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

Table with columns: WB2, WRR, AS31, ASAR, STKA, MKAR, MKURB. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 01 13:20:55.6: 0.2, 24.02S:176.70W, h0km, mb4.2/12,
mbmp4.3/15, ML3.5/2, MS3.8/2, Error ellipse:
s-maj=22.8km s-min=18.3km az=120.0

NEIC 01 13:20:00.2: 0.2, 24.09S:0.08:176.2W:0.1, h35km, 2km,
mb5.0/36, Error ellipse: s-maj=16.2km s-min=13.5km
az=118.0

ISC 01 13:20:59.6: 0.4, 24.03S:0.06:176.34W:0.06, h35km, n97,
s163/77, mb4.9/30, MS3.9/15, 5C-1D, South of Fiji

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

BKZ Black Stump Fm 16.27 200 P Pn 13 24 42.0 -3.5

TUWZ Tuamarina 19.16 203 P Pn 13 25 12.7 -7.2

TBI Tubuai 24.61 94 eS S 13 30 35.1 -0.7

PPT2 Papeete2 25.80 81 eP P 13 26 24.9 -2.8

PPT2 869nm,24.5s eS S 13 30 52.3 -2.6

PPT2 133nm,26.5s eLR LR 13 32 34.5

HNR Honiara 26.89 299 LR LR 13 35 27.1

ARMA Armadale 29.12 250 P Pn 13 26 57.6 +0.1

XMAS Christmas Is. 31.77 36 P Pn 13 27 19.1 -1.7

CITCA Charters Tower 34.83 269 P Pn 13 27 47.4 -0.1

STKA Stephens Creek 37.79 248 P Pn 13 28 13.3 +0.6

STKA Stephens Creek 37.79 248 P Pn 13 28 11.1 -1.6

RKT Rikitea 37.82 97 eLR LR 13 28 22.5

AS31 Alice Springs 45.32 260 P Pn 13 29 12.2 -2.3

ASAR Alice Springs 45.32 260 P Pn 13 29 13.7 -0.8

ASAR Alice Springs 45.32 260 P Pn 13 29 12.9 -1.6

WRO Warramunga Arr 45.55 265 P Pn 13 29 14.6 -1.8

WB2 Warramunga Arr 45.73 265 P Pn 13 29 15.6 -2.1

WRAB Warramunga Arr 45.73 265 P Pn 13 29 15.5 -2.3

WB0 Warramunga Arr 45.73 265 P Pn 13 29 16.1 -1.7

WB0 Warramunga Arr 45.73 265 P Pn 13 29 14.8 -2.0

DRV Dumont d'Urville 50.58 201 P Pn 13 29 53.8 -0.7

KNRA Kunurra 52.04 268 P Pn 13 30 05.2 -1.0

CCRA Concurant Ant 59.46 195 P Pn 13 30 59.9 +0.8

CASY Casey 61.46 206 P Pn 13 31 11.2 -1.1

QSPA South Pole Qui 61.46 206 P Pn 13 31 11.2 -1.1

QSPA South Pole Qui 61.46 206 P Pn 13 31 11.2 -1.1

Table with columns: ELIB, TROLL, SNAA, SNA, SNA, SNA, SNA. Includes stations like Princess Elisa, Troil, Antari, etc.

VNA3 Neumayer Olymp 84.53 176 P Pn 13 33 29.6 +0.9

O16K Koiukw River B 84.66 9 P Pn 13 33 29.4 +0.2

VNA1 Neumayer-Stat 85.20 176 P Pn 13 33 33.3 +1.2

O18K Koktuh Hills 85.36 11 P Pn 13 33 33.9 +1.1

PLCA Paso Flores 85.74 193 P Pn 13 33 37.7 +2.3

PLCA Paso Flores 85.74 193 P Pn 13 33 37.7 +2.3

CNPM Lilliana Southway 85.78 13 P Pn 13 33 35.4 +0.5

ILSW Lilliana Southway 85.78 13 P Pn 13 33 35.9 +0.6

K15K Wolf Creek Mout 86.84 7 P Pn 13 33 41.0 +1.0

MA2 Magadan 87.59 344 LR LR 14 08 29.7

TXAR Lajitas Array 87.65 57 P Pn 13 33 48.9 +3.9

GLI Glacier Island 87.88 14 P Pn 13 33 46.2 +1.2

PML Palmer 88.10 13 P Pn 13 33 47.3 +1.3

PMR Palmer 88.10 13 P Pn 13 33 47.3 +1.3

J17K VASID Dome 88.19 8 P Pn 13 33 48.0 +1.6

AGHO Glory Hole Cre 88.30 13 P Pn 13 33 47.7 +0.6

ANMO Albuquerque 88.42 51 LR LR 14 04 49.5

J18K Innoko River 88.57 9 P Pn 13 33 49.9 +1.6

SCM Sheep Creek Mo 88.69 13 P Pn 13 33 49.6 +0.5

TABL Table Mountain 88.92 17 P Pn 13 33 50.4 +0.1

TABL Table Mountain 88.92 17 P Pn 13 33 50.4 +0.1

N25K Chitina, Valde 89.08 15 P Pn 13 33 51.9 +1.1

N25K Chitina, Valde 89.08 15 P Pn 13 33 51.9 +1.1

J19K Poorman 89.22 9 P Pn 13 33 53.0 +1.6

NEW Neptunus 89.35 19 LR LR 14 08 47.1

KTH Kantishna Hill 89.56 11 P Pn 13 33 53.8 +0.8

KTH Kantishna Hill 89.56 11 P Pn 13 33 53.8 +0.8

M26K Nabesna AK 90.15 15 Iamb Iamb 13 34 28.1

M27K Edge Creek, AK 90.38 15 Iamb Iamb 13 34 28.1

PDAR Pinedale Array 90.49 43 P Pn 13 34 00.8 +2.7

CCB Clear Creek Bu 91.13 12 Iamb Iamb 13 34 18.8

ILAR Eielson Array 91.41 12 P Pn 13 34 02.7 +1.2

J26L Joseph Creek 91.85 14 Iamb Iamb 13 34 07.5

LVC Limon Verde 95.64 118 LR LR 14 08 24.0

SONM Songino Array 99.41 318 LR LR 14 15 08.3

ARCEN ARCES Array B 132.65 300 PKP PKIKP 13 40 11.4 +0.4

FINES FINESS Array B 139.58 344 PKP PKPpdf 13 40 24.7 +1.7

HFS Hines Post 143.25 352 PKP PKPpre 13 40 26.2

HFS Hines Post 143.25 352 PKP PKPpre 13 40 26.2

AKASA Akain Array B 146.83 330 PKP PKPbc 13 40 37.8 -0.1

EKA Eskdalemurr Ar 148.33 7 PKPbc PKIKP 13 40 43.5 -0.1

BRTR Keskin Array B 150.30 309 PKPbc PKPbc 13 40 47.9 +0.4

MMAI Mount Meron Ar 150.80 295 PKPbc PKPbc 13 40 49.4 +0.6

TORD Torodi Ar Bae 169.01 170 PKP PKPab 13 42 16.5 +1.6

IDC 01 13:24:40.0: 0.4, 12.77N:92.21E, h0km, mb4.7/32,
mbmp4.7/33, ML4.4/1, MS4.0/47, Error ellipse:
s-maj=14.4km s-min=11.6km az=63.0

MOS 01 13:24:41.4: 0.9, 12.80N:92.27E, h23km, mb5.2/47, Error
ellipse: s-maj=7.5km s-min=3.7km az=113.5

BUI 01 13:24:41.1: 1.2, 70N:92.14E, h23km, mb4.7/53, mb5.1/15,
MS4.1/28, MS7.3/9/29

DJA 01 13:24:44.7: 0.4, 13.14N:9.92E, h46km, 8km, M5.5/14,
mb5.5/6, mb5.1/14, MLV6.0/2, Mvmb1/5, Error ellipse:
NEIC 01 13:24:44.8: 1.8, 12.91N:0.05:92.24E:0.07, h26km, 3km,
mb5.1/106, Error ellipse: s-maj=10.5km s-min=7.3km
az=76.0

NDI 01 13:24:44.7: 12.91N:92.17E, h10km, mb4.9, ML4.7,
mb5.1(1NEIC)

ISC 01 13:24:43.0: 0.8, 12.86N:0.03:92.14E:0.04, h20km, 3km,
n536, s138/499, mb5.0/178, MS4.0/50, 5C-1D, 18D,
Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Blair, Campbell Bay, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code. Includes stations like BTGS, TIXI, YAK, TABGR, BLSR, OLMR, PEAOB, ZALV, C16K, MKR3, J19K, L19K, M19K, ILAR.

IDC 01 14:29:03.9:13.0,26:36S,67:90E,h0km,mb3.8/4, mbmtpp3.8/4, Error ellipse: s-maj=464.0km s-min=36.8km az=50.0,Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code. Includes stations like H08S1, H08S2, H08S3, H04N2, H04N1, H04N3, ASAR, WRA, MKAR, ZALV.

KRNET 01 14:40:04.6:0.1,41:65N;73:14E,h27km,mb2.9 SOME 01 14:40:04.8,41:62N;73:33E,h5km ISU 01 14:40:05.7,41:48N;73:11E,h10km

NNC 01 14:40:05.8:0.9,41:72N;73:11E,h0km,mb3.8,mpv3.5, Error ellipse: s-maj=8.4km s-min=3.8km az=171.0 KNET 01 14:40:06.8:0.5,41:71N;73:28E,h10km,3km,mi2.5, Error ellipse: s-maj=4.7km s-min=2.8km az=116.0

ISC 01 14:40:03.9:1.41,65N;02:73:16E;0:02,h9km;10km, h77, c116/136,36C-39D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code. Includes stations like AML, ARLS, ARK, MNAS, MRKS, EKS2, EKS3, OHH, UCH.

Main table with columns: UCH, Uchtor, NAM, KSNS, AAK, AAK, AAK, AAK, AAK, FRU1, FRU1, FRG, FRG, SFK, SFK, KBK, KBK, CHMS, CHMS, CHMS, CHMS, CHMS, CHMS, CHMS, CHMS, DZA, DZA, DZA, DZA, USP, USP, USP, USP, CHDK, CHDK, PSK, PSK, SGDS, SGDS, NRR, NRR, NRR, TKM2, TKM2, TKM2, TKM2, TKM2, BOOM, BOOM, CHMG, CHMG, ULHL, ULHL, ULHL, BTk, BTk, BTK, DRK, DRK, KK31, KKAR, KKAR, KK09, KST, KST, KST, DGS, DGS, DGS, DGS, KRBS, KRBS, KRBS, KRBS, BRLS, BRLS, BRLS, MTBS, MTBS, MTBS, DJD, DJD, TNS5, TNS5.

Table with columns: TNS5, TNS5, TNS5, MDOk, MDOk, MDOk, MDOk, MDOk, KTBS, KTBS, KTBS, GAR, GAR, GAR, BTLs, BTLs, BTLs, BTLs, CHKK, CHKK, CHKK, KURS, KURS, KURS, SATY, SATY, SATY, SATY, ARXS, ARXS, ARXS, ARXS, CHGR, CHGR, CHGR, KPks, KPks, KPks, PDGK, PDGK, PDGK.

IDC 01 14:45:25.2:1.1,20:94S;67:33W,h167km;10km,mb3.3/2, mbmtpp3.8/7, Error ellipse: s-maj=28.3km s-min=12.5km az=135.0

NEIC 01 14:45:25.2:2.9,21:07S;0:06;67:3W;0:1,h171km,9km, mb4.6/2, Error ellipse: s-maj=16.9km s-min=8.6km az=92.0

SCB 01 14:45:26.6:1.3,21:08S;67:43W,h184km;14km,ML3.8/2, MW3.8, Error ellipse: s-maj=7.8km s-min=5.4km az=0.0

ISC 01 14:45:26.0:0.7,21:08S;0:05;67:40W;0:05,h183km, n38, c187/143,Chile-Boivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res, Code. Includes stations like MOCB, MOCB, MOCB, PB09, PB09, PB09, PB01, AF01, LVC, LVC, LVC, GO01, GO01, GO01, SOEO, TA01, PB04, SOET, SOTI, AP01, SOEJ, BBOE, PB14, GO02, BBOD, LPAZ, LPAZ, LPAZ, AC01, SIV, LCO, GO04, GPOU, ATAH, PLCA, QSPA, QSPA, TORD, TORD, ASAR, WRA, MK31, MKAR.

NEIC 01 15:05:32.5:1.3,45:91S;0:07;76:6W;0:2,h10km;2km,

1d 15h

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mb4.4/3,ML3.8(GUC), Error ellipse: s-maj=22.2km s-min=12.3km az=264.0 GUC 01 15:05:37.2,0.4,45.92S;75.97W,h15km,ML4.2 IDC 01 15:05:40.5,4.8,46.03S;74.88W,h0km,mb4.0/4, mbmp4.0/5,ML3.4/1, Error ellipse: s-maj=146.3km s-min=22.8km az=105.0 ISC 01 15:05:36.3,1.1,45.82S;0.07;76.1W;0.1,h10km,n50, o1568/46,mb4.0/8,5C, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Valle Explorad, Puerto Chacabu, Magdalena, Cochrane, Coyhaique, Villavieja, etc.

IDC 01 15:07:09.3,1.1,26.70N;129.50E,h0km,mb4.0/11, mbmp4.0/13,ML3.7/2,MS3.1/5, Error ellipse: s-maj=55.1km s-min=15.3km az=71.0 JMA 01 15:07:11.2,0.1,26.7N;0.6;129.7E;0.5,h48km,MV3.7/24, NEAR OKINAWAJIMA ISLAND NEIC 01 15:07:11.2,0.6,26.75N;0.07;129.71E;0.1,h10km,1km, mb4.7/14, Error ellipse: s-maj=117.6km s-min=7.0km az=162.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Yoronjima, Okinoerabujima, Kuchinoerabu, Amami Oshima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KLR Kul'dur, MYLDM Lahad Datu, TOLIZ Tolitoli, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like PRU 01 15:09:04.5,49.95N;18.61E,h0km,Czech and Slovak Republics, OKK Ostrava-Krasne, etc.

SKO 01 15:09:32.3,41.39N;19.52E,h34km RHSSO 01 15:09:33.8,0.6,41.05N;19.62E,h8km,2km,ML3.1/8 ATH 01 15:09:34.6,41.41N;19.66E,h14km,6km,ML2.8/6, Error ellipse: s-maj=8.0km s-min=1.9km az=342.0 THE 01 15:09:35.9,41.31N;19.77E,h6km,2km,ML2.7/5, Error ellipse: s-maj=3.3km s-min=1.8km az=332.0 PDG 01 15:09:35.9,0.5,41.25N;19.66E,h10km,ML3.0/12, Error ellipse: s-maj=0.8km s-min=1.3km az=0.0 TIR 01 15:09:36.5,41.24N;19.81E,h29km,2km,ML3.0 BEO 01 15:09:38.7,0.3,41.39N;19.97E,h7km,3km,ML2.5/11 ISC 01 15:09:36.6,1.1,41.24N;0.02;19.72E;0.02,h16km,3km, mbmp4.0/13,ML3.7/2,MS3.1/5, Error ellipse: s-maj=55.1km s-min=15.3km az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like TIR Tirane, VLO Vlorë, OHR Ohrid, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like LSK Leskovik, NEST Nestorio, FNA Florida, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like NVLJ, RABC, BOJ, BOUS, etc.

NEIC 01 15:11:49.71.3.45:76S:0:05:75:9W:0.2, h10km, 1km, mb4.9/15, Mwv5.2/34, Mwv5.2/34, Error ellipse: s-maj=18.4km s-min=8.9km az=261.0

NEIC 01 15:11:49.7.45:76S:76:01W, h12km, Moment Tensor Solution. Duration: 1s1.0 Moment tensor: Scale 1016 Nm; Mr=0.31; Mw=2.66; Ms=2.34; Mo=1.66; Mw=6.26; Mw=0.14; Fault plane solution: M6.94000/1016 NP1; 0s79.14000, 889.62000, 166.21000; NP2; 0s169.23000, 876.21000, 0.39000; Principal axes: T 7.1241, P1g10.0000, Azm33.0000, N -0.3665, P1g76.0000, Azm28.5000, P -6.7576, P1g9.0000, Azm125.0000

NEIC 01 15:11:49.7.45:76S:75:86W, h12km, IDC 01 15:11:49.1.0.7.45:71S:75:98W, h08km, mb4.2/12, mbmp4.2/14, ML3.9/2, MS4.5/30, Error ellipse: s-maj=29.6km s-min=14.5km az=96.0

GCMT 01 15:11:50.7.0.2.45:88S:0:01:76:26W:0:01, h18km, MW5.3/139, Moment Tensor Solution. s70, c100; s139, c222; Duration: 1s0 Moment tensor: Scale 1017 Nm; Mr=0.08; Mw=0.29; Ms=0.36; Mo=0.36; Mw=0.03; Mw=0.63; Mw=0.1; Mw=0.74; Mw=0.6; Best double couple: M1.01600/1017 NP1; 0s79.14000, 889.62000, 166.21000; NP2; 0s169.23000, 876.21000, 0.39000; Principal axes: T 7.1241, P1g10.0000, Azm33.0000, N -0.3665, P1g76.0000, Azm28.5000, P -6.7576, P1g9.0000, Azm125.0000

Principal axes: T 0.9340, P1g32.0000, Azm45.0000; N 0.1650, P1g44.0000, Azm171.0000; P -1.0990, P1g29.0000, Azm294.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

GUC 01 15:11:51.2.0.6.45:83S:75:68W, h15km, 11km, ML4.3

VAO 01 15:11:58.3.1.6.45:42S:75:56W, h33km, 12km, mb4.8

ISC 01 15:11:50.5.0.5.45:80S:0:05:75:88W:0:08, h10km, n150, r150/123, mb4.6/20, MS4.5/28, 6C-1D, Of coast of southern Chile

Main table of station data for southern Chile, including columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like Valle Explorad, Puerto Chacabu, etc.

Main table of station data for other regions, including columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like AQDD Aquidauana, RPRD Ribas do Rio P, etc.

Main table of station data for NEIC and ISC events, including columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists stations like NEIC 01 15:35:38.5.1.7, etc.

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1d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TOXPALAN, CRUZ GRANDE, TIAPA, FRESNILLO DE T, TEHUACAN, etc.

1D 01 15:55:34.8±1.2, 26.56S;67.48E, h0km, mb3.9/8, mbmp3.9/8, MS3.0/1, Error ellipse: s-maj=39.2km s-min=24.3km az=68.0

1D 01 15:55:36.5±1.2, 26.65S;67.5E±0.3, h10km, n16, o556/9, mb4.1/8, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CROZET ISLANDS, CAPE LEEUWIN, MAWSON, etc.

1D 01 15:55:35.3±1.7, 1.67N;126.28E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=162.8km s-min=21.9km az=66.0

DJA 01 15:55:41.6±1.4, 1.9N;0.2;126.8E±0.1, h50km, n7, r127/7, mb3.4/4, Northern Molouca Sea

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

DJA 01 16:01:39.0±0.4, 1°S;3°12'0E, h10km, M3.9/9, mb4.0/1, M3.9/9, Minahassa Peninsula, Sulawesi

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

1D 01 15:05:01.1, 1.0;54S;120.60E, h0km, mb3.7/5, mbmp3.7/6, ML3.8/1, Error ellipse: s-maj=69.1km s-min=19.4km az=68.0

DJA 01 16:15:08.2±0.3, 1°S;3°12'0E, h10km, M4.1/13, mb4.5/2, ML4.0/13

1D 01 16:15:07.2±0.9, 0.62S;0.06;119.94E±0.07, h10km, n15, o186/16, mb3.7/5, Minahassa Peninsula, Sulawesi

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

1D 01 16:15:53.7±2.4, 6.44S;129.75E, h0km, mb3.5/1, mbmp3.3/3, ML3.2/2, MS3.9/1, Error ellipse: s-maj=164.7km s-min=31.8km az=69.0, Banda Sea

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

TEH 01 16:22:23.3, 33.78N;45.58E, h10km, 106km, ML2.6

1D 01 16:22:23.0±0.4, 33.79N;45.58E, h14km, 3km, ML2.7

1D 01 16:22:23.5±0.9, 33.78N;40.45;58E±0.05, h10km, n12, o1915/16, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like GILAN-E-GHARB, ILAM BANVIZEH, etc.

AFAD 01 16:49:14.1±0.0, 39.03N;44.12E, h7km, 2km, ML2.6

AZER 01 16:49:14.8, 39.02N;44.35E, h10km, ml2.4

TEH 01 16:49:15.3, 38.97N;44.35E, h10km, 126km, ML2.5

1D 01 16:49:14.2±1.1, 39.03N;0.03;44.13E±0.02, h7km, 10km, n23, o98/41, Iran-Armenia-Azerbaijan border region

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

TVAN Van 0.75 229 P P 16 49 30.2 +0.5

IGDIR IGDIR 0.84 357 P S 16 49 30.5 +0.1

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

SBZ Shahbaz 1.17 71 P S 16 49 35.3 -1.2

IMRD IMRD 1.27 104 P S 16 49 35.3 -2.2

ISHB Shebestar 1.38 122 P P 16 49 37.6 -2.5

ORD Ordubad 1.46 93 P S 16 49 40.6 -0.4

EATA Eleskirt 1.52 304 P S 16 49 42.8 -0.1

GAZ Gazakh 1.98 132 P S 16 49 45.5 +1.1

1D 01 16:49:25.6±0.7, 31.05S;178.69W, h0km, mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=294.1km s-min=56.4km az=157.0, Kermadec Islands region

mbmp3.3/2, Error ellipse: s-maj=294.1km s-min=56.4km az=157.0, Kermadec Islands region

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

FINES FINES Array B 145.55 339 PKPbc PKPdf 17 09 04.3 -0.8

WEL 01 16:50:18.7±1.1, 31°S;6°17'8E±1'1", h33km, M4.5/10, mb4.8/7, ML4.7/12, MLv4.8/10, Mw(mB)4.7, Error ellipse: s-maj=0.0km s-min=0.0km az=116.4, confirmed, North of New Zealand

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

1D 01 17:08:32.5±1.1, 25.55N;127.36E, h0km, mb3.7/9, mbmp3.8/10, ML4.1/1, MS3.2/1, Error ellipse: s-maj=51.8km s-min=20.0km az=72.0

JMA 01 17:08:35.5±0.3, 26°N;2°12'7E±0'8", h43km, 3km, MW3.6/17, NEAR OKINAWA/JMA ISLAND

1D 01 17:08:35.2±0.8, 25.53N;0.06;127.75E±0.06, h27km, n24, o1332/31, mb3.6/9, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TAMAGOSUKU3, NAGOTOYOHARA, etc.

WRA Warramunga Arr 45.65 171 P P 17 16 55.4 +1.7

ASAR Alice Springs 49.27 173 P P 17 17 23.7 +2.0

BVAR Borovoye Array 50.51 319 P P 17 17 31.4 +0.6

FINES FINES Array B 73.25 331 P P 17 20 03.4 -0.3

MMAI Mount Meron Arr 78.38 301 P P 17 20 33.6 -0.1

HFS Hafsoglu 79.23 324 P P 17 20 38.5 +0.8

NEIC 01 17:26:47.5±2.3, 15°90'N;0°02'96"W±0'02", h21km, 9km, mb4.6/8, Md4.5/77(MEX), Error ellipse: s-maj=3.6km s-min=2.8km az=220.0

MEX 01 17:26:50.0±1.0, 15°85'N;96°76'W, h13km, 13km, MD4.5

1D 01 17:26:43.6±2.9, 15.71N;0.05;96.82W±0.03, h13km, 21km, n73, o229/120, mb4.8/3, Near coast of Oaxaca

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tehuacan, Sontecomapan, Mezcala, El Cayaco, etc.

MWZ 01 17:31:18.8 41°46N 44°50E, h2km, ml2.6
NORS 01 17:31:19.5 41°36N 44°19E, h3km, MPV4.0
MOS 01 17:31:20.4 41°39N 44°27E, h2km, MPV4.8
AFAD 01 17:31:23.0 41°31N 44°17E, h2km, ML2.5
ISC 01 17:31:19.3 1.1, 41°42N 002.4441E, h4km, 10km, n45, e150/88, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Akhalkalaki, Qazax, Aktyaka, Guduri, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Venedo, Khunzakh, Borcka, Demirkent, etc.

AUST 01 17:38:19.4 0.8, 34°S, 31°17E, h3km, 2km, ML0.6/4, Error ellipse: s-maj=6.1km s-min=3.3km az=12.9, Western Australia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lskr Muir 01, Lake Muir 03, Lake Muir 04, etc.

AUST 01 17:38:27.0 0.8, 34°S, 22°11E, h4km, 2km, ML0.5/4, Error ellipse: s-maj=4.6km s-min=3.7km az=0.8, Western Australia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lskr Muir 01, Lake Muir 03, Lake Muir 04, etc.

NEIC 01 17:39:01.8 1.7, 0°68S, 0°05'119.81E, h10km, 1km, mb4.7/49, Error ellipse: s-maj=9.7km s-min=3.2km az=155.0

DJA 01 17:39:02.4 1.0, 1°S, 2°12'0E, h11km, 9km, M4.9/22, mb5.1/22, mb5.4/12, MLv5.2/19, Mw(mb)4.8/12, MwMwp4.4/3, MwP4.8/3

GCMT 01 17:39:03.8 0.2, 0°52S, 0°01'119.89E, h12km, MW4.8/95, Moment Tensor Solution, s22,c25; s95,c137; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.16; M=0.77; M=0.61; M=0.64; M=1.8; M=1.73; M=0.4; M=0.46; M=1.8; Best double couple: M:1.99400; 10^16 Np1=351.00000; 373.00000; 1.14.00000; NP2=2.22000; 1.67.00000; 1.67.00000; Principal axes: T 2.2040, P1g8.0000, Azm214.0000; N -0.4200, P1g72.0000, Azm31.0000; P -1.7840, P1g1.0000; Azm124.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 17:39:01.0 0.3, 0°54S, 0°04'119.87E, h10km, n151, e154/138, mb4.7/42, MS3.8/24, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mapaga, Ampana, Tolitoli, Marisa, Samarinda, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Singaraja, Ambon, Waikabubak, Denpasar, etc.

1d 18h

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like ULM, OMMB, SCHD, NVAR, etc.

IDC 01 18:12:58.1±0.5, 26.566S; 67.70E, h0km, mb4.3/26, mbmp4.3/26, Error ellipse: s-maj=17.6km s-min=14.0km az=60.0

BUI 01 18:12:59.7, 26.133S; 67.50E, h7km, mb4.8/52, mB5.3/16, M5.2/14, M5.7 4.9/14

GCMT 01 18:12:59.0±0.3, 26.695S; 0.02±67.35E±0.04, h12km±1km, MW5.1/92, Moment Tensor Solution. s38,c44; s92,c126; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-3.71e-28; Mth4.41e-19; Mbb-0.69e-21; Mtb-0.59e-42; Mtb0.86e-16; Mtr4.55e-89; Best double couple: Mo5.81900e+1016

NP1±229.00000°, 657.00000°; -135.00000°. NP2: q±110.00000°, 353.00000°; -143.00000°. Principal axes: T 4.5580, P1g2.00000°, Azm349.00000°; N 2.5260, P1g38.00000°, Azm257.00000°; P -7.0810, P1g54.00000°, Azm82.00000°; nst1a refers to body waves, cutoff=40fs. nst2a refers to surface waves, cutoff=50fs. Triangular moment-rate function

NEIC 01 18:12:60.0±1.4, 26.65S; 0.1±67.6E±0.1, h10km±1km, mb4.9/64 Error ellipse: s-maj=19.1km s-min=18.3km az=290.0

ISC 01 18:12:59.8±0.4, 26.545S±0.07, 67.60E±0.08, h10km, n153, ±193/140, mb4.9/80, MS4.9/6, 7C-5D, Indian Ocean Triple Junction

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

2018 OCT

Main table of seismic events for October 2018. Columns include station codes (e.g., CHTO, PHRT, UHRA), names, magnitudes, times, and other event details.

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Continuation of the seismic event table from the previous section, containing station codes and event parameters.

1d 18h

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like Neumayer-Stat, Kabul, Warramunga Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like QLP, GOMU, AUSMG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAK, TDK, SSLB, etc.

2018 OCT

Table with columns: call sign, name, frequency, mode, power, time, and other parameters. Includes stations like YEREMIZINO-BOR, NANJING, ANAPA, KLYT, BRZS, etc.

Table with columns: call sign, name, frequency, mode, power, time, and other parameters. Includes stations like ISRL, BELG, CEL, TIR, VRH, RAFF, TIP, BISRR, etc.

Table with columns: call sign, name, frequency, mode, power, time, and other parameters. Includes stations like MOY, SIRR, KSV, RAKU, etc.

1d 19h

Table of seismic data for 1d 19h, including stations like FAKI, LUWI, TOLIT, and various arrays like SBUM, WRAB, WRA, etc.

2018 OCT

Table of seismic data for 2018 OCT, including stations like FITZ, ASAR, WRA, WRAB, WRO, etc.

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Table of seismic data for 58, including stations like MAKZ, KBL, AAK, AAK, etc.

RSNC 01 19:24.31.8:0.0,9°N:1°7'1W, h5km,4km,M2.7,mb3.4, ML3.1

FUNV 01 19:24:32.2,836N:71°18W, h5km, MW3.4

ISC 01 19:24:30.0:1.1,8.98N:0.03:71°18W:0.03,h13km,9km, n24, c210/44, Venezuela

DJA 01 19:17:35.1±0.6,0°S:7°12'0E, h10km, M4.0/6, MLv4.0/6,

Table for DJA 01 19:17:35.1±0.6,0°S:7°12'0E, listing stations like MPSI, SGKI, APSI, etc.

DJA 01 19:22:12.7:0.2,1°S:2°12'0E, h10km, M4.7/15, mb4.8/7, mb5.3/3, MLv4.7/15, Mw(MB)4.7/3

NEIC 01 19:22:12.0:1.5,1.30S:0.05:120.13E:0.03,h10km,1km, mb4.4/26, Error ellipse: s-maj=10.1km s-min=3.0km

IDC 01 19:22:16.6:5.5,1°39S:120°19E, h58km,5km, mb4.0/8, mbmp4.2/9, ML4.2/1, MS3.4/11, Error ellipse: s-maj=56.3km s-min=16.0km az=58.0

ISC 01 19:22:11.3:0.5,1.27S:0.06:120.12E:0.06,h10km,n64, c1507/57,mb4.4/18,MS3.4/10,Sulawesi

Table for ISC 01 19:22:11.3:0.5,1.27S:0.06:120.12E:0.06, listing stations like APSI, MPSI, etc.

NEIC 01 19:29:23.2:1.38:96N:0°06:142°8E:0.2,h37km,13km, mb4.5/8, Error ellipse: s-maj=19.4km s-min=5.2km az=110.0

NIED 01 19:29:24.3:9:13N:142°43E,h32km,MW4.0,Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mrr=0.62; Mss=0.92; Mss=0.30; Mss=0.53; Mss=0.18; Mss=0.35;

Fault plane solution: Mo1.05000x10^15 NP1: phi=251.00000, delta=0.00000, lambda=121.00000; NP2: phi=129.00000, delta=0.00000, lambda=38.00000

JMA 01 19:29:24.3:0.1,39°1N:0°3:142°47E,h32km,1km, MD4.3/40,MV4.3/40, E OFF IWATE PREF

JMA 01 19:29:26.2:1.8:39°00N:142°47E,h47km,16km,mb3.6/11, mbmp4.0/15, ML3.4/4, MS3.5/6, Error ellipse: s-maj=22.8km s-min=11.0km az=95.0

ISC 01 19:29:23.1:1.8,39.02N:0.03:142.51E:0.07,h14km,10km, n69, c162/59,mb4.2/15,MS3.7/4,BD,Near east coast of eastern Honshu

Table for ISC 01 19:29:23.1:1.8,39.02N:0.03:142.51E:0.07, listing stations like OFUJ, MIYJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAJO Matsushiro, USA08 Ussuriysk Arra, KSRS Korea Array, etc.

Table with columns: PWL, Port Wells, 0.64 225, IAML. Includes stations like MCK McKinley, L26K Log Cabin Wild, CNPM China Pool, etc.

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

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like M18K Stony River, BCPM Bancas Point, O18K Koktuh Hills, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like F20K Avaraart Lake, E24K Your Creek, P33M Teslin Yukon, 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 NEIC 01 20:43:03.3, NEIC 01 20:43:02.8, NEIC 01 20:50:38.0, etc.

1d 21h

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like BBA, VILB, NPGB, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PEL, PINM, YUK4, etc.

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Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like SFJD, FID, G29M, etc.

2018 OCT

Table with columns: ADK, comp, max, pmax, and various station names like JMJC, BBTS, PVIS, etc.

Table with columns: AVF, comp, max, pmax, and various station names like SSF, N6C02, N6C02, etc.

Table with columns: MA2, Magadan, 87.82 333 LR, LR, 22 37 34.5, and various station names like MA2, SOTA, KEF, etc.

Table of astronomical observations for stations KOLS through HYB. Columns include station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for stations HYB through CNCH. Includes a section for 'JUNCTION' with specific coordinates and a table for stations CSGN through CNCH.

Table of astronomical observations for stations CNCH through SNVZ. Includes a section for 'WEL 01' with specific coordinates and a table for stations GLKZ through SNVZ.

Table with columns: STATION, Name, Az, El, P, h, m, s, Res, ISC. Includes stations like SANI Sanana, MRSI Marisa, APSI Ampana, etc.

IDC 01 23:10:37.9-1.8, 10:19'S; 120:54'E, h0km, mb4.0/6, mbmp3.9/8, ML3.4/2, Error ellipse: s-maj=67.0km s-min=26.6km az=52.0

ISC 01 23:10:40.6-1.7, 9:95'S; 120:19.9E; 0.4, h10km, n9, c1983/9, mb4.1/6, Sumba region

Table with columns: Code, Station Name, Az, El, P, h, m, s, Res, ISC. Includes stations like KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 01 23:12:01.1-0.4, 10:21'S; 120:33'E, h0km, mb5.0/22, mbmp5.0/23, ML5.0/1, MS4.7/4, Error ellipse: s-maj=20.8km s-min=11.9km az=85.0

NEIC 01 23:12:02.3, 10:60'S; 120:17'E, h24km, Moment Tensor Solution. Duration: 154 Moment tensor: Scale 10^16Nm; Mn: 2.79; Mw: 3.14; M0: 0.34; Mo: 2.0; Mo: 2.36; Mo: 0.49; Fault plane solution: Ms: 3.50000x10^16 NP1: 6:130.00000; 8:435.00000; 1:108.60000; NP2: 6:282.43000; 8:435.00000; 1:69.24000; Principal axes: T 2.9040, Plg75.00000; Azm105.00000; N 1.4452, Plg14.00000; Azm298.00000; P -4.3492, Plg3.00000; Azm207.00000;

NEIC 01 23:12:02.3-2.1, 10:50'S; 120:17E; 0.05, h10km, 1km, mb5.3/160, Mww5.0/12 Error ellipse: s-maj=9.9km s-min=8.6km az=178.0

NEIC 01 23:12:02.3, 10:50'S; 120:17E, h24km MOS 01 23:12:04.1-0.9, 10:36'S; 120:21E, h19km, mb5.4/63, Error ellipse: s-maj=9.7km s-min=4.8km az=13.6

DJA 01 23:12:04.2-0.7, 11:52'S; 120:0E, h10km, 6km, M5.2/57, mb5.4/57, mb5.7/37, ML5.4/18, Mw(mb)5.2/37, Mw(Mwp)4.9/15, Mwp5.2/15

GCMT 01 23:12:06.3-0.2, 10:51'S; 120:19E; 0.12, h26km, MW5.1/107, Moment Tensor Solution. s71.889; s107.c147; Duration: 0 Moment tensor: Scale 10^16Nm; Mn: 3.55; 1.5; Mo: 3.39; 1.0; Mo: 0.16; 1.3; Mo: 2.29; 2.1; Mo: 2.98; 0.8; Mo: 0.76; 2.8; Best double couple: Ms: 14500x10^16 NP1: 95.00000; 661.00000; 1.57.00000; NP2: 328.00000; 642.00000; 1.135.00000; Principal axes: T 4.8310, Plg60.00000; Azm316.00000; N 0.8230, Plg28.00000; Azm112.00000; P -5.4580, Plg10.00000; Azm29.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function. ISC 01 23:12:03.7-0.3, 10:46'S; 120:20E; 0.04, h21km, 3km, h22km; p-P, n638, c1544/650, mb5.3/169, MS4.5/22, 32C-6D, Sumba region

Table with columns: Code, Station Name, Az, El, P, h, m, s, Res, ISC. Includes stations like BASI Baing Sumba, WBSI Waikabubak, EDFI Ende Flores, etc.

Table with columns: STATION, Name, Az, El, P, h, m, s, Res, ISC. Includes stations like MTN Manton Dam, MRSI Marisa, MRSI Marisa, etc.

Table with columns: STATION, Name, Az, El, P, h, m, s, Res, ISC. Includes stations like STKA, STKA, STKA, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like H08S3 Diego Garcia H, DGAR Diego Garcia, VOI Vohitsoka, ABPO Ambohimpanom, etc.

IDC 01 23:20:26.4:15.0, 27:23S-66.36E, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=533.4km s-min=42.5km az=50.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like H04N2 CROZET ISLANDS 23.25 208, H04N1 CROZET ISLANDS 23.26 208, etc.

UPP 01 23:26:33.5:0.0, 67:85N:20:21E, h0km, ML2.3, Unknown HEL 01 23:26:33.6:0.2, 67:85N:20:16E, h0km, ML1.9, Explosion

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KUA Kuravaara, RATU Laukkulussa, KUVU Salmi, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like SALU Kilpisjarvi, KIF Pajala, PAJU Pajala, etc.

IDC 01 23:27:02.9:0.3, 101:21S-120:31E, h0km, mb5.2/31, mbtmp5.2/32, ML5.2/1, MS4.3/7, Error ellipse: s-maj=17.1km s-min=10.6km az=91.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like WBSI Waikabubak, Su, EDFI Eide, Flores, MMRI Maumere, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like NLAI Namlea, SANI Sanana, SMRI Semarang, etc.

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

Table with columns: Station, Name, Frequency, Mode, Power, etc. Includes stations like YNG, BRAT, JMM, GOMU, etc.

Table with columns: Station, Name, Frequency, Mode, Power, etc. Includes stations like TARG, PDKG, ZSN, etc.

Table with columns: Station, Name, Frequency, Mode, Power, etc. Includes stations like YAK, TUWZ, HRH, etc.

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1d 23h

Table with columns for station code, name, coordinates, and various signal quality metrics (P, I, S, etc.). Rows include stations like TV1H, WHYH, CLP, etc.

Table with columns for station code, name, coordinates, and various signal quality metrics. Rows include stations like CAN, CAN, CHTO, etc.

Table with columns for station code, name, coordinates, and various signal quality metrics. Rows include stations like PALK, KOUNC, KOUNC, etc.

Table with columns for station ID, name, date, time, and various data points. Includes stations like Lisburne Hills, Keskin Array S, Bonanza Creek, White Mountain, etc.

2018 OCT

Table with columns: ID, Name, Date, Time, Status, and various codes. Includes entries like CJR Cluj-Napoca, PABE Palberze, BGLC Bering Glacier, etc.

Table with columns: ID, Name, Date, Time, Status, and various codes. Includes entries like GRA1 Grafenberg Arr, GRFO Grafenberg, WTFA Watterberg, etc.

Table with columns: ID, Name, Date, Time, Status, and various codes. Includes entries like Q12A Willow Creek R, BOZ Bozeman (W), EGMT Eggleton, etc.

6-106.330000°, 855.740000°, 1.63.660000°. NP2: 0-327.660000°, 842.220000°, 1.123.080000°. Principal axes: T 7.5759, P1g67.0000, Azm322.0000; N 0.0237, P1g22.0000, Azm122.0000; P -7.5816, P1g7.0000, Azm215.0000; DJA 02.00.16:46.8-0.3, 11°S, 1°12'E, h29km, 2km, M6.0/121, M6.0/121, mB6.3/65, Mlv6.2/19, Mw5.9/137, Mw(mB)6.0/65, Mw(Mwp)6.0/8, Mwp6.0/8, MOS 02.00.16:46.1-1.4, 10.195x120.27E, h25km, mb5.9/88, Bz5.6/22, Error ellipse: s-major=7.2km s-min=4.1km

GCMT 02 00 16.48 Z.01, 101.53S; 120.07E, h24km, Mw5.9/161, Moment Tensor Solution, s123.c223; s161.c505; Duration: 2-2. Moment tensor: Scale 10^19Nm; Mn: 0.57±0.1; M2: -0.50±0.1; M3: -0.07±0.1; M4: 0.40±0.1; Ms: 0.01±0.1; M6: 0.35±0.1; Best double couple: Mo: 95900x10^18; Np1: 127.000000; s64.000000; 7.91.000000; NP2: 303.000000; s26.000000; 7.87.000000; Principal axes: T 7.7790, P1g71.0000, Azm40.0000; N 0.3590, P1g1.0000, Azm306.0000; P -1.1380, P1g19.0000; Azm215.0000; n1a1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 02 00 16.48 Z.01, 101.53S; 120.07E, h24km, 2km, h24km; PP-P, n1300, s1864/1244, mb5.8/294, MS5.9/161, 45C-22, Sumba Region

Table with columns: Code, Station Name, Delta AZ, Phase ID, ISC, h, Time, Res, ICS. Lists station names like Waikabubak, Ende, Maumere, Palang, etc. with their respective phase data.

Main data table listing stations and their phase arrivals. Columns include station name, phase ID, time (h:m:s), residual (Res), and ICS value. Stations listed include KMPI, SBUM, KSM, MYLMD, etc.

Table listing stations and their phase arrivals. Columns include station name, phase ID, time (h:m:s), residual (Res), and ICS value. Stations listed include SRIT, SRIT, LHMI, LHMI, etc.

Table of flight data for 2d 0h, including columns for airline, flight number, origin, destination, status, and time.

Table of flight data for 2018 OCT, including columns for airline, flight number, origin, destination, status, and time.

Table of flight data for 2018 OCT, including columns for airline, flight number, origin, destination, status, and time.

Table with columns: Station Name, Frequency, Power, and various status indicators. Includes stations like Les Rejaudoux, La Druitiere, La Foiniere, etc.

Table with columns: Station Name, Frequency, Power, and various status indicators. Includes stations like SCCHO Schefferville, NOKA Waynoka, WMOK Wichita Mouta, etc.

Table with columns: Station Name, Frequency, Power, and various status indicators. Includes stations like ESPN Las Esperanzas, HDC Heredia, SNDB Serra Nova Dou, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

IDD 02 00:50:9.4, 6.10215x119.646, h0km, mb4.4/4, mbtm4.4/4, Error ellipse: s-maj=258.5km

ISC 02 00:22:59.2, 8.24797S, 0.07x179.77W, 0.1, h500km, n31, a192/33, mb4.0/4, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes header information for station data.

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

IDC 02 00:35:16.3:15.0, 21.770N:142.80E, h306km, 138km, mb3.5/9, mbmp4.2/9, Error ellipse: s-maj=91.4km s-min=17.1km az=70.0

ISC 02 00:35:15.9:1.3, 21.770N:143.0E:0.4, h311km, n11, c0568/11, mb3.9/9, Mariana Islands region

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

IDC 02 00:37:02.1:4.0, 25.58S:69.25E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=158.0km s-min=33.3km az=39.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HO4N2, HO4N1, HO4N3, etc.

IDC 02 00:37:42.0:1.4, 10.40S:120.29E, h0km, mb4.0/4, mbmp4.0/7, ML3.7/3, Error ellipse: s-maj=82.9km s-min=25.0km az=58.0

DJA 02 00:37:45.6:0.8, 11.1'S:10.12'E, h10km, M4.2/4, mb4.5/2, MLV4.0/7

NEIC 02 00:37:46.0:2.7, 10.45S:0.07:120.17E:0.08, h35km, 2km, mb4.0/3, Error ellipse: s-maj=15.6km s-min=0.5km az=23.0

ISC 02 00:37:46.2:0.7, 10.50S:0.07:120.28E:0.07, h31km, n31, c154/31, mb4.2/5, Sumba region

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

IDC 02 00:43:46.2:9.8, 25.98S:68.17E, h0km, mb4.0/3, mbmp4.0/3, Error ellipse: s-maj=506.3km s-min=34.1km az=35.0, Indian Ocean Triple Junction

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HO4N2, HO4N1, HO4N3, etc.

IDC 02 00:45:03.2:3.0, 10.49S:120.24E, h0km, mb3.8/2, mbmp3.7/4, ML3.6/2, Error ellipse: s-maj=174.7km s-min=28.2km az=53.0

DJA 02 00:45:10.5:1.8, 10.51'S:12.0'E, h14km, 16km, M3.7/5, MLV3.7/5

ISC 02 00:45:08.0:1.1, 10.55S:0.1:120.20E:0.09, h30km, n9, c213/9, Sumba region

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

IDC 02 00:46:00.1:3.1, 10.18S:120.56E, h0km, mb3.9/2, mbmp3.8/4, ML3.3/2, Error ellipse: s-maj=187.3km s-min=29.4km az=54.0, Sumba region

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

IDC 02 00:51:24.8:1.4, 10.91S:119.41E, h0km, mb4.0/3, mbmp3.9/5, ML3.9/2, Error ellipse: s-maj=56.4km s-min=29.5km az=71.0

DJA 02 00:51:27.8:1.3, 11.1'S:14.12'E, h10km, M4.2/4, mb4.8/1, MLV3.9/4

ISC 02 00:51:29.2:0.9, 10.71S:0.008:120.21E:0.07, h35km, n12, c262/14, mb3.9/3, Sumba region

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

IDC 02 00:53:42.0:3.3, 9.72S:119.05E, h0km, mb3.4/1, mbmp3.3/3, ML3.2/2, Error ellipse: s-maj=263.4km s-min=30.3km az=50.0, Sumba region

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

IDC 02 00:57:24.0:2.9, 10.20S:120.66E, h0km, mb3.5/2, mbmp3.6/4, ML3.7/2, Error ellipse: s-maj=180.3km s-min=28.7km az=54.0, Sumba region

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

IDC 02 01:08:13.4:1.3, 10.31S:120.31E, h0km, mb4.0/5, mbmp4.0/6, ML4.0/1, Error ellipse: s-maj=68.9km s-min=23.5km az=61.0

DJA 02 01:08:20.0:1.9, 11.1'S:12.12'E, h125km, 63km, M4.4/6, mb4.6/1, MLV4.2/6

NEIC 02 01:08:23.7:1.8, 10.92S:0.06:120.62E:0.06, h35km, 2km, mb4.0/12, Error ellipse: s-maj=11.8km s-min=8.7km az=142.0

ISC 02 01:08:23.1:0.6, 10.92S:0.06:120.65E:0.08, h35km, n43, c217/36, mb4.1/8, Sumba region

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, WBSI, WB2, etc.

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

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

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

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

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

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

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

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

Table with columns: DZM, Mont Dzumac, 45.55 152, P, Iamb, Iamb, 01 51 32.2, -1.2, 01 51 33.7, etc.

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

IDC 02:04:44.8±2.9, 10:50S±120°34'E, h0km, mb3.6/3, mbmp3.5/4, ML3.2/2, Error ellipse: s-maj=171.2km

IDC 02:07:36.8±4.3, 17°38'N±100°86'W, h0km, mb3.6/3, mbmp3.5/4, ML3.3/1, Error ellipse: s-maj=135.8km

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

Table with columns: TEJU, Tejuipilo, 1.59 31, eP, Pn, 02 08 08.4, +1.1, 02 08 10.1, +0.2, etc.

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

IDC 02:07:55.1±1.8, 9°S±35°11'E±1.1, h13km, 1.7km, M3.6/5, ML3.6/5

ISC 02:07:53.3±1.0, 8°19'S±109°116°0'E±0.05, h10km, n8, e04°10', Sumbawa region

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

Table with columns: AAIG, 02 08 08.4, +1.1, 02 08 10.1, +0.2, 02 08 10.2, -1.4, etc.

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

IDC 02:02:07:55.1±1.8, 9°S±35°11'E±1.1, h13km, 1.7km, M3.6/5, ML3.6/5

ISC 02:02:07:53.3±1.0, 8°19'S±109°116°0'E±0.05, h10km, n8, e04°10', Sumbawa region

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

Table of astronomical observations for 2d 2h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2018 OCT, listing station names, coordinates, and observation details.

Table of astronomical observations for 2018 OCT, listing station names, coordinates, and observation details.

ICD 02:21:49.2+0.6, 10:28S; 120:36E, h0km, mb4.4/15, mbmp4.4/16, ML4.2/1, MS4.0/2, Error ellipse: s-maj=32.8km s-min=15.6km az=70.0

ICD 02:21:53.7+0.5, 11:52S; 120:02E, h23km, mb4.7/17, mb5.2/5, mb4.8/17, ML4.6/16, MW(m)B3.4/5

ICD 02:21:52.6+0.4, 10:57S; 120:40E; 0:05, h31km, n107, r=1979J, mb4.5/32, 3C, Sumba region

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like DSBU, KBD, KCHF, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MZY, MIDY, MIDY, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KIRS, KBL, KBL, etc.

Table of astronomical observations for 2d 2h, listing objects like SGDS, SCDT, LPSR, ELND, MILM, NRRN, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2018 OCT, listing objects like SATY, ZHN, LUBAR, LOT, BURAR, etc., with columns for name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2018 OCT, listing objects like MNSK, KURBB, KURK, KURK, etc., with columns for name, coordinates, magnitude, and other parameters.

2d 3h

Table with columns: WRA, WRA, WRA, PRPB, OSPA. Includes station names like Warramunga Arr, Alice Springs, Paraupebas, South Pole Qui and various parameters like time, phase, and SNR.

IDC 02:07:59.6:3.4, 10.855x120.111E, h0km, mb3.4/1, mbtmp3.5/3, ML3.6/2, Error ellipse: s-maj=261.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like Warramunga Arr, WRA, ASAR, H08S2, H08S3, H08S1, MKAR, H04N2, H04N1, H04N3.

IDC 02:03:10:47.7:1.5, 31.88N:50.53E, h0km, mb3.9/9, mbtmp3.9/13, ML3.7/4, Error ellipse: s-maj=28.1km

TEH 02:03:10:48.7, 32.00N:50.65E, h8km, 28km, ML3.9, OMAN 02:03:10:56.1:1.2, 31.43N:50.79E, h10km, mb4.1/18, ms3.1/2, Error ellipse: s-maj=14.2km s-min=6.4km az=12.0

ISC 02:03:10:49.7:0.5, 31.94N:50.60E:0.03, h16km, n101, z=22/17, mb3.8/8, 13C-3D, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like ZNGN, JHBN, IBRJ, IPHR, KLUJ, IGAR, ABEH, IRAM, IKLH, IZEF, AHWZ, BMDW, KAZZ, BDRS, ISFB, IDOB, HSAM, IKFM, IQOM, AHBU, IWRN, ICHK, IBZA, IRAZ, KBD, IKD, IDIWH, KCHF, SNQR, INLRS, IFIR, ILSA, IGHG, IBAF, ILIN, IDHR, GLGI, IZPU, KLST, KGSJ, ZRDN, TRPV, TNSJ, TKDS, SHMA, TAPT, TRNA, JRN, SHME, MASF, MASF, NAZ, NAZ, MDH, ASUD, ASUD, UOSS, UOSS, HATD, HATD, ASHO, ASHO, SOHO, SOHO, RAYN, ARQ, ARQ, BSY, BSY, BSY, SMDO, SMDO, WSAR, WSAR, NGCH, JMDO, ASF, WBK, JLJN, MHTO, DOK, WHO, SHFO, DMTO, ABTO, BRTR, AKTO, BELG.

2018 OCT

Table with columns: TPGR, ICOR, IDCI, HARR, VRI, PLO, SORM, MLR, TESR, TURR, VOIR, DOPR, AKASG. Includes station names like Topolog, Ion Corvin, Anoyia, Harsova, Vriocioala, Ploftina, Soroaca, Muntele Rosu, Tescaeni, Turia, Voiron, Dopca, Malin Array B.

IDC 02:03:21:53.2:1.1, 11.90N:143.60E, h0km, mb4.1/10, mbtmp4.1/11, ML4.3/1, Error ellipse: s-maj=30.4km

NEIC 02:03:21:58.4:1.2, 11.88N:143.5E:0.1, h28km, 3km, mb4.6/9, Error ellipse: s-maj=18.4km s-min=12.1km az=108.0

ISC 02:03:21:57.3:0.5, 11.90N:143.6E:0.1, h25km, n90, z=080/88, mb4.6/44, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like GUMO, GUMO, H1N1, H1N2, H1N3, WBO, WRD, WRA, USRK, FITZ, MDJ, SMRI, MBWA, DZM, GIRL, BBOO, SONM, POHA, MK31, MKAR, MKAR, ZALV, KURK, KURK, KURB, E18K, ILSW, D19K, IMAR, BZ1K, SML, D22K, D22K, E22K, E22K, BVAR, H24K, IL31, ILAR, TOLK, TOLK, C23K, E24K, N25K, N25K, D24K, C24K, F25K, J26L, J26L, BMAR, GRNC, F26K, F26K, CTGM.

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Table with columns: CTGM, L27K, BCAR, LOGN, C27K, E27K, I28M, DAWY, D27M, F28M, E28M, M29M, E28M, HYT, H29M, K29M, G29M, G29M, M30M, E29M, E29M, J30M, G30M, F31M, M31M, H31M, H31M, G31M, G31M, F31M, INK, Q32M, Q32M, ABKAR, ABKAR, ABKAR, ABKAR, I02E, KRPM, HUMO, L04D, L04D, O02D, O02D, ARCES, NVAR, FINES.

IDC 02:03:25:57.7:1.4, 10.36S:120.34E, h0km, mb4.2/6, mbtmp4.2/8, ML3.8/2, MS3.6/3, Error ellipse: s-maj=57.0km

NEIC 02:03:26:01.1:1.8, 10.58S:120.19E:0.1, h23km, 2km, mb4.8/17, Error ellipse: s-maj=10.5km s-min=9.2km az=219.0

DJA 02:03:26:02.8:2.8, 10.58S:12.0E:1, h16km, 27km, M4.6/8, mb4.8/2, mb5.0/1, MLV4.4/8, M(W)B4.3/1

ISC 02:03:26:01.3:0.5, 10.59S:0.06E:120.25E:0.06, h30km, n53, z=148/47, mb4.5/12, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV, WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV, WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV.

IDC 02:03:25:57.7:1.4, 10.36S:120.34E, h0km, mb4.2/6, mbtmp4.2/8, ML3.8/2, MS3.6/3, Error ellipse: s-maj=57.0km

NEIC 02:03:26:01.1:1.8, 10.58S:120.19E:0.1, h23km, 2km, mb4.8/17, Error ellipse: s-maj=10.5km s-min=9.2km az=219.0

DJA 02:03:26:02.8:2.8, 10.58S:12.0E:1, h16km, 27km, M4.6/8, mb4.8/2, mb5.0/1, MLV4.4/8, M(W)B4.3/1

ISC 02:03:26:01.3:0.5, 10.59S:0.06E:120.25E:0.06, h30km, n53, z=148/47, mb4.5/12, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV, WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV, WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV.

IDC 02:03:25:57.7:1.4, 10.36S:120.34E, h0km, mb4.2/6, mbtmp4.2/8, ML3.8/2, MS3.6/3, Error ellipse: s-maj=57.0km

NEIC 02:03:26:01.1:1.8, 10.58S:120.19E:0.1, h23km, 2km, mb4.8/17, Error ellipse: s-maj=10.5km s-min=9.2km az=219.0

DJA 02:03:26:02.8:2.8, 10.58S:12.0E:1, h16km, 27km, M4.6/8, mb4.8/2, mb5.0/1, MLV4.4/8, M(W)B4.3/1

ISC 02:03:26:01.3:0.5, 10.59S:0.06E:120.25E:0.06, h30km, n53, z=148/47, mb4.5/12, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV, WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV, WBSI, MMRI, PLAI, SOEI, KAPI, WRA, ASAR, MKAR, ZALV.

Table with columns: ASAR, Alice Springs, 18.40 137 P Pn, 03 30 15.6 +1.2, etc.

IDC 02 03:27:05.6: 1.1, 54.125S x 120.167W, h0km, mb3.9/4, ...

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

Table with columns: 0.8nm, 0.7s, baz=130, slow=2.3, SNR=2.9, GERES GERES Array B 151, 44 PKPbc, etc.

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

Table with columns: USA0B Ussuriysk Arra, 10.43 321 i P, Pn, 03 30 17.4 -1.4, etc.

2d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAK, GTA, BILL, PZH, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH, F25K, AAK, AAK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BBOO, VSR, FINES, VORD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERESS Array B, ECSD EROS Data Cent, PPT2 Papeete2, TAOE Nuku Hiva Isla, etc.

IDC 02 03:34:32.8-3.5, 14'40N-92'13E, h0km, mb3.5/3, mbmtpp3.5/3, Error ellipse: s-maj=139.3km s-min=29.8km az=69.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, SONMG Songoing Array, ASAR Alice Springs.

IDC 02 03:45:40.4-3.2, 10'29S-120'42E, h0km, mb3.4/1, mbmtpp3.4/3, ML2.9/2, Error ellipse: s-maj=267.4km s-min=32.5km az=50.0, Sumba region

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

IDC 02 03:46:43.1-5.5, 10'19S-120'79E, h0km, mb4.0/1, mbmtpp3.6/3, ML3.2/2, Error ellipse: s-maj=293.1km s-min=32.4km az=57.0, Sumba region

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

UCR 02 03:55:02.3-1.4, 7'45N-82'90W, h0km, 22km, MW3.7 UPA 02 03:55:02.4-0.4, 7'41N-82'81W, h10km, 3km, MW4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIM03 Limones, LCO03 Loma Colorada, DVD David, PIRO Carate, Puerto, etc.

NAO 02 04:01:20.2, 33'40N-23'98E, h33km, mb4.0 THE 02 04:01:50.0, 36'62N-21'22E, h0km, 3km, ML3.4/7, Error ellipse: s-maj=3.6km s-min=1.6km az=207.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ITM Ithomi, LTHK Lithakia, DRO Drossia, VLI Veliai, RLS Riolo of Patr, etc.

KRND KRANIDI, ALIK Alike, DMLN Damouliantak-K, DMLN DMLN, EFF Efpalio, KALE Kalithea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBN Korea, VLO Vloria, SRN Sarande, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FNA comp=N,0.1nm,0.3s,baz=0.0 AMP, FNA Florina, PLAC Placancia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PUK, ULC, AMUR, DRME, BOSS, BUM, EUM, PDG, PVD, CEME, HCY, IVA, KOMA, NKME, TRIEB, SELS, BRY, SUES, UPMS, STON, PLE, IVAS, RUDO, ZAGS, GRUS, BBL, DIVS, TRUS, HAPS, TEKS, FRGS, A050A, BLY, A051A, BOJS, CRES, BRTR, CEY, OBKA, VYHS, AKASG, HFS, FINES, NB2, NOA, MKAR, ZALV.

KRNET 02 04:02:32.8-0.1, 39.12Nk, 77.30E, mb3.3
SOME 02 04:02:34.5, 39.55Nk, 77.27E, h5km
NNC 02 04:02:38.1-2.0, 39.66Nk, 77.30E, h0km, mb3.9, mpv3.6

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NRN, TARG, KDJ, ULHL, BOOM, PRZ, ARLS, UCH, TNSS, TKM2, KST, INT, MDMK, MTBS.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SATY, AAK, DGS, UZB, CHMS, KURS, SHLS, KPKS, KTBS, CHHK, CHKK, SGDS, KUU, MRKS, MNAS, ARXS, DJR, BTLS, KK31, BRLS, INT, MDMK, MTBS, UNIC.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LCND, LCY, RANC, AMPH, PACA, TECA, EI Viejo, TECO, CRIN, CAHU, UESV, UESV, UESV, PAVA, PAVA, PAVA, ALEN, ALEN, HERN, PANCS, LOMA, LOMA, LOMA, LALI, LALI, LALI, UDBS, SNET, SNET, ILCN, CNGN, ITCA, UUES, PIC2, BOQS, PMON, LEVN, JAYA, QUEZ, EC84, CEDA, INTNH, TGUH, MOM2, SAPS, APQ3, CEVE, LIMN, SBLS, APYN, YUSH, APQ2, APQ2, UNIC.

Table with columns: UNIC, Universidad Ca, 1.88 316, i P, Pn, 04 05 19.6 +0.1, 04 05 43.4 +1.4, 04 05 45.4

IDC 02 04:11:44.20.6, 10:25Sx120:49E, h0km, mb4.3/13, mbmp3.4/14, ML3.4/1, MS3.6/4, Error ellipse: s-maj=33.4km s-min=14.4km az=77.0

ISC 02 04:11:48.40.4, 10:44Sx0:05x120:27E:0.04, h31km, n88, r1579/87, mb4.3/22, MS3.6/3, Sumba region

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

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

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

Table with columns: MK31, Makanchi Array, 66.30 332, P, Iamb, P, 04 22 33.3 -0.6, 04 22 46.7

IDC 02 04:18:43.40.8, 10:40Sx120:40E, h0km, mb3.9/10, mbmp3.9/13, ML3.3/6/3, Error ellipse: s-maj=42.5km s-min=16.7km az=71.0

ISC 02 04:18:48.20.8, 10:40Sx120:50E:0.2, h31km, n17, r0596/15, mb3.9/10, Sumba region

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

IDC 02 04:28:28.62.9, 10:13Sx120:72E, h0km, mb3.6/2, mbmp3.6/4, ML3.6/2, Error ellipse: s-maj=180.5km s-min=28.7km az=64.0, Sumba region

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

IDC 02 04:35:50.95.8, 18:78Sx170:86E, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=153.8km s-min=52.0km az=20.0

NOU 02 04:36:31.6, 19:49Sx169:73E, h204km, MLV3.7/9, Vanuatu Islands

ISC 02 04:36:12.22.7, 18:25Sx0:3x170:6E:0.3, h200km, n11, r1940/10, mb3.8/4, Vanuatu Islands

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

ASAR Alice Springs 34.67 255 P P 04 42 42.6 -0.5

IDC 02 04:43:15.5, 1.5, 31:92N:50:54E, h0km, mb3.8/9, mbmp3.8/13, ML3.7/4, MS2.6/2, Error ellipse: s-maj=28.7km s-min=21.3km az=179.0

TEH 02 04:43:16.5, 32:03N:50:70E, h13km, 18km, ML3.6, NEIC 02 04:43:16.9, 1.9, 31:71N:0:09:50E:0.1, h10km, 2km, mb4.1/8, Error ellipse: s-maj=19.2km s-min=12.1km az=47.0

OMAN 02 04:44:11.8, 0.1, 27:89N:52:22E, h10km, mb4.4/8, ml3.1/2, Error ellipse: s-maj=2.4km s-min=1.4km az=317.0

ISC 02 04:43:17.5, 0.5, 31:93N:0:03:56E:0.4, h16km, n75, r1575/74, mb3.7/11, Northern and central Iran

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

TAPT Tabas Tahpeh t 6.18 60 Pn 04 44 51.4 +3.1

IKOO Kooshah 7.09 84 Pn 04 45 04.3 +3.4

BSBV Sabzevar 7.28 50 Pn 04 45 06.3 +2.9

MSAF Masafi 8.13 142 Pn 04 45 16.1 +2.9

MDH Madha 8.28 146 Pn 04 45 17.5 +0.2

KOCS Kohgiluyeh 8.50 144 Pn 04 45 19.5 +0.5

UOSS Minazif 8.50 144 Pn 04 45 21.3 +1.4

AGS Ashiyah 8.58 145 Pn 04 45 23.3 +1.3

GNJ Garni 9.49 331 LR 04 48 37.9

RAYN Rayan 9.54 210 Pn 04 45 31.5 -2.7

BSY Bisya 10.84 146 Pn 04 45 51.9 -0.2

SMDO Samad 11.00 142 Pn 04 45 56.3 -0.9

WSAR Wadi Sarin 11.18 139 Pn 04 45 56.8 +0.1

JMDO Jabal Madar 11.60 143 Pn 04 46 04.0 +1.5

ASF Jabal al Asfar 11.68 275 Pn 04 46 03.7 +0.1

MHTO MHT-7 12.71 147 Pn 04 46 16.9 -0.7

MMAI Mount Meron Ar 12.93 279 LR 04 53 16.4

DOK Doka 13.62 166 Pn 04 46 29.1 -1.0

WHFO Wadi Hafsi 14.23 168 Pn 04 46 36.5 -2.0

DMTO DMTO 14.68 164 Pn 04 46 42.2 -2.3

ABTO Aybut 14.71 170 Pn 04 46 43.2 -1.8

BRTR Hekin Array B 15.83 304 Pn 04 47 06.3 -2.8

BRTR Kesk Array B 15.83 304 Pn 04 47 02.1 -1.5

SNOP Sinop 15.91 314 Pn 04 47 01.4 +0.8

SNOP Sinop 15.91 314 Pn 04 47 02.6

AKTO Aktyubinsk 19.28 14 Pn 04 47 42.1 -0.3

BELG Belogomov 20.57 355 Pn 04 47 55.5 +0.2

ALN Alexandroupoli 21.68 301 Pn 04 48 06.7 -0.8

ALN Alexandroupoli 21.68 301 Pn 04 48 10.5

IDI Anoyia 21.70 286 Pn 04 48 06.4 -1.4

AGG Agios Georgios 21.07 295 Pn 04 48 31.0 -1.1

AKASO Malin Array B 24.56 326 Pn 04 48 36.1 -0.4

AKBB Malin Array Si 24.56 326 Pn 04 48 36.9 +0.4

AKBB Malin Array Si 24.56 326 Pn 04 48 37.3

KIEV Kiev 24.56 326 Pn 04 48 36.8 +0.4

BURAR Bucovina Array 24.89 316 Pn 04 48 40.1 +0.5

BUR08 Bucovina A S 24.92 316 Pn 04 48 40.0 +0.1

BUR08 Bucovina A S 24.92 316 Pn 04 48 47.4

BVAR Borovoye Array 25.46 28 Pn 04 48 45.3 +0.8

MKAR Makanchi Array 28.38 49 Pn 04 49 13.2 +2.2

MKAR Makanchi Array 28.38 49 Pn 04 49 12.7 +1.7

FINES FINESS Array B 33.58 339 Pn 04 49 56.1 -0.4

HFS Hagfors 37.28 330 Pn 04 50 28.6 +0.3

NOA NORSAR Array B 38.80 330 Pn 04 50 41.1 -0.1

SONM Songino Array 44.65 52 Pn 04 51 30.9 +1.5

SONM Songino Array 44.65 52 Pn 04 51 30.9 +1.5

TORD Torodi Ar. Bea 48.49 259 Pn 04 51 59.2 -0.5

TORD Torodi Ar. Bea 48.49 259 Pn 04 51 59.2 -0.5

IDC 02 04:49:28.40.4, 0.1, 20:27Sx120:16E, h0km, mb5.0/23, mbmp5.0/24, ML5.3/1, MS5.0/5E, Error ellipse: s-maj=19.4km s-min=12.0km az=76.0

MOS 02 04:49:30.6, 1.0, 10:32Sx120:22E, h29km, mb5.6/62, MS5.1/29, Error ellipse: s-maj=9.4km s-min=4.6km az=13.9

NEIC 02 04:49:31.1, 10:48S:120:12E, h26km

NEIC 02 04:49:31.2, 2.0, 10:47S:0:06:120E:0.05, h18km, 3km, mb5.7/13, Ms 20.5/3427, Mmb5.6/41, Mw5.7/36, Error ellipse: s-maj=9.0km s-min=7.0km az=184.0, Moment Tensor Solution. Moment tensor: Scale 10^17 Np2; Mn:0.98; Mw:0.15; Mw:0.83; Mw:0.06; Mw:2.91; Mw:0.94; Fault plane solution: Ms3.19000x10^17 Np1; Mw:180.84000, 880.83000, 158.04000; Principal axes: T 2.7023, P1g22.0000, Azm136.0000; N 8.8146, P1g66.0000, Azm339.0000; P -3.5169, P1g9.0000, Azm229.0000;

NEIC 02 04:49:31.4, 10:47S:120:12E, h19km

2d 4h

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NEIC 02 04:49:31.1, 10:78S; 120:12E, h26km, Moment Tensor
Solution. Duration: 3s1. Moment tensor: Scale 10^17Nm;
Mn:0.23; Ms:0.03; Mw:0.20; Mo:0.79; Mv:3.31; Mr:2.23;
Fault plane solution: M4.00000x10^17 N1P1o.16000°,
s86.71000°, λ-146.82000°. NP2o:268.0000°,
s56.88000°, λ-93.90000°. Principal axes: T 3.5673,
Plg2.0000°, Azm129.0000°; N 0.8745, Plg57.0000°,
Az245.0000°; P -4.4418, Plg25.0000°, Azm229.0000°;
DJA 02 04:49:33.3, 0.5, 11° S; 2 × 12° E; h24km, 5km, M5.6/87,
m5.8/87, mB6.1/74, MLV6.2/18, Mw5.6/116, Mw(m)/m5.7/74,
MwMwps5.4/47, Mwps5.6/47

GCMT 02 04:49:34.2, 0.1, 10:120S; 01:120E; 01:1h24km,
MW5.6/151, Moment Tensor Solution. s140.c260;
s151.c303; Duration: 1s6. Moment tensor: Scale 10^17 Nm;
Mn:0.27; Ms:0.04; Mw:0.04; Mo:0.30; Mr:0.4;
Mv:1.12; Mv:0.6; Mw:3.19; Ms:0.3; Mr:1.28; 07; Best double
couple: M3.53400x10^17 N1P1o.30000°, s76.00000°,
λ-163.00000°. NP2o:269.0000°, s74.00000°,
λ-15.00000°. Principal axes: T 3.0630, Plg2.0000°,
Azm136.0000°; N 0.9410, Plg68.0000°, Azm42.0000°; P
-4.0040, Plg22.0000°, Azm277.0000°; nsta2 refers to surface
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=40s. Triangular moment-rate function

ISC 02 04:49:31.7, 0.1, 10:103S; 0103:120E; 0104, h24km, 2km,
h24km; pP-P. n971, λ-c1577/823, m5.6/214, M55.3/292,
21C-7D, Sumba region

Table with columns: Code, Station Name, Δ°, AZ°, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their coordinates and times.

Main table with columns: STBM, Sibu, 15.08 328, P, Pn, 04 53 05.0 +1.7, comp=Z,45nm,0.9s. Lists seismic events with station codes, magnitudes, phases, and times.

Table with columns: STKA, Murray Creek, 29.09 140, i, P, P, 04 55 31.5 +1.0. Lists seismic events with station codes, magnitudes, phases, and times.

Table with columns for flight codes (e.g., PZH, TNCH, WHN), destinations (e.g., comp=Z,360nm,6.8s), and various status indicators (LR, P, S, etc.).

Table with columns for flight codes (e.g., TIA, RAGD, TRD, TJN), destinations (e.g., comp=Z,5.0nm,0.4s), and various status indicators (LR, P, S, etc.).

Table with columns for flight codes (e.g., BTO, JMM, GOMU, AKL), destinations (e.g., comp=Z,2.0nm,20.6s), and various status indicators (LR, P, S, etc.).

2D 4h

Table with columns: ID, Name, Value, Unit, Status, Date, and other parameters. Includes entries like MYKA Terra Mystica, LESA Schwarzwald, STAL STALIGAL, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, and other parameters. Includes entries like T35A Sooner Center, JCT Junction City, OK031 S. Brethren Rd, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, and other parameters. Includes entries like U54A Nelsons Funny, DIAM Diamantina, N62A Caumont State, etc.

Technical notes and data for station U54A, including coordinates, station name, and various parameters like 'Code', 'Station Name', 'Az', 'Phase ID', 'Time Res', etc.

Table with columns for station code, name, time, and status. Includes stations like MYLDM, NLA, PLAI, TNTI, etc.

Table with columns for station code, name, time, and status. Includes stations like LZH, MGBR, MJAR, MAJO, etc.

Table with columns for station code, name, time, and status. Includes stations like ZHN, ZHN, ZHN, ZHN, etc.

2d 5h

Table of astronomical observations with columns for station name, coordinates, and observation details. Includes stations like AB31, ABKAR, AKTO, etc.

NEIC 02 05:06:20.6±0.4, 35°96'2N, 0°09:97°24'W, 0°1, h7km, 1km, mbLg2.9/30, ML2.5, ML2.1/45, Error ellipse: s-maj=1.3km s-min=1.1km az=158.0

NEIC 02 05:06:20.4±0.4, 35°95'7N, 0°10:10°97'25W, 0°1, h4km, Error ellipse: s-maj=1.6km s-min=1.1km az=142.0, Oklahoma

Table of astronomical observations with columns for Code, Station Name, coordinates, and observation details. Includes stations like OK029, OK029, etc.

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Table of astronomical observations with columns for station name, coordinates, and observation details. Includes stations like WMOK, WICHTA, URO, etc.

IDC 02 05:10:02.7±4.6, 16°98'S×174°13'W, h169km, 41km, mb3.5/7, mbmp4.0/8, Error ellipse: s-maj=44.4km s-min=20.8km az=140.0

ISC 02 05:10:00.6±1.1, 17°05'±2°174°0W±2, h150km, n14, 057675, mb3.8/7, Tonga Islands

Table of astronomical observations with columns for Code, Station Name, coordinates, and observation details. Includes stations like MSVF, URZ, H1S2, etc.

IDC 02 05:11:05.5±2.3, 11°12'S×119°21'E, h0km, mb3.8/2, mbmp3.8/4, ML3.9/2, Error ellipse: s-maj=95.0km s-min=31.3km az=60, South of Sumba

Table of astronomical observations with columns for Code, Station Name, coordinates, and observation details. Includes stations like KAPI, WRA, ASAR, etc.

IDC 02 05:15:27.0±0.4, 0°30'N, 126°11'E, h0km, mb4.8/22, mbmp4.8/22, Error ellipse: s-maj=24.6km s-min=9.9km az=75.0

MOS 02 05:15:27.6±1.2, 0°35'N, 126°08'E, h12km, mb5.2/43, Error ellipse: s-maj=31.4km s-min=5.2km az=117.5

NEIC 05:15:30.1±2.7, 0°27'N, 0°126°24'E±0.05, h16km, mb5.1/72, Error ellipse: s-maj=9.4km s-min=7.3km az=151.0

DJA 02 05:15:33.9±0.2, 0°N, 2°12'6E±, h46km, 6km, M4.9/19, mb5.0/19, mb5.5/4, MLV4.9/17, Mw(mb)5.0/4

GCMT 02 05:15:35.1±0.4, 0°20'N, 0°126°01'E±0.03, h30km, 1km, MW5.0/70, Moment tensor. s14,c17; s70,c94; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr,2.17±.37; Mw,1.60±.24; Ms,1.60±.25; Mb,0.97±.11; Mv,-0.85±.24; Best double couple: M3.32100×10¹⁶ Np1±221.00000; s64.00000; t123.00000; NP2: s346.00000; s44.00000; t42.00000; Principal axes: T 3.2130, P168.0000, Azm2.0000; P -3.4290, P1g3.0000; Azm288.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 05:15:33.5±0.3, 0°28'N, 0°126°18'E±0.05, h44km, n248, s1555/255, mb5.0/95, MS4.7/3, 5C-2D, Northern Molucca Sea

Table of astronomical observations with columns for Code, Station Name, coordinates, and observation details. Includes stations like TNTI, GTOI, GSI, etc.

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Table of astronomical observations with columns for station name, coordinates, and observation details. Includes stations like NGJI, UGM, FITZ, etc.

MBWA Marble Bar 22.22 196 P P 05 20 24.8 -1.6

PSAO Phase Seimi 22.58 196 P P 05 20 29.1 -1.2

TPUB Ta-pu 23.51 347 P P 05 20 38.1 -1.6

ASAR Alice Springs 24.96 163 P P 05 20 53.3 +0.3

ASAR Alice Springs 24.96 163 P P 05 20 52.4 -0.6

ASAR comp=Z,2.2nm,0.8s,baz=343,slow=8.6,SNR=70 25.6 56 P P 05 24 27.8 0.0

ASAR comp=Z,3.5nm,0.7s,baz=346,slow=2.2,SNR=5.6 25.5 56 P P 05 25 19.8 +0.9

IPM comp=Z,4.9nm,1.1s,baz=344,slow=20,SNR=4.5 25.4 280 P P 05 20 56.4 -1.4

GIRL Giralia 25.58 206 P P 05 20 57.8 -0.8

KULM Kulim 25.97 281 P P 05 21 01.8 -0.5

KULM comp=Z,7.0nm,1.7s 25.97 281 P P 05 21 15.6 +0.5

PSI Prapat 27.36 276 P P 05 21 15.4 +0.5

MORW Morawa 30.75 198 P P 05 21 43.6 -1.1

MORW comp=Z,4.7nm,1.8s 30.75 198 P P 05 21 43.8

FORT Forrest 30.94 177 P P 05 21 45.2 -1.1

FORT comp=Z,3.0nm,0.8s 30.94 177 P P 05 21 50.0

PHRA Chiang Mai Arr 31.26 307 P P 05 21 48.6 -0.7

CMAR Chiang Mai Arr 32.27 306 P P 05 21 56.5 -1.8

CMAR comp=Z,1.2nm,0.3s,baz=137,slow=7.8,SNR=15 32.27 306 P P 05 21 57.4 -0.9

NJ2 Nanjing 32.35 348 eP P 05 22 00.4 +1.7

CHTO Chiang Mai 32.46 306 P P 05 21 59.0 -0.9

CHTO comp=Z,2.4nm,1.5s 32.46 306 P P 05 21 59.0 -0.9

KMI Kunming 33.52 319 P P 05 22 11.4 +2.1

BBOO Buckleboo 34.21 165 P P 05 22 14.2 -0.8

BBOO comp=Z,3.0nm,1.3s 34.21 165 P P 05 22 25.2 +2.1

PZH PanZhiHu 35.12 320 P P 05 22 25.2 +2.1

STKA Stephens Creek 35.16 157 P P 05 22 23.0 -0.2

STKA comp=Z,1.0nm,0.6s,baz=328,slow=9.4,SNR=26 35.16 157 P P 05 22 23.0 -0.2

STKA comp=Z,2.1nm,0.5s,baz=55,slow=3.5,SNR=1.8 35.16 157 P P 05 24 54.0 +0.1

LYN LuoYang 36.43 341 eP P 05 22 38.8 +4.8

JGF Kuroka 36.65 15 P P 05 22 36.5 +0.6

KSAR Wonju Array Be 37.01 2 P P 05 22 38.3 -0.6

KSAR comp=Z,2.9nm,0.6s,baz=181,slow=9.9,SNR=25 37.01 2 P P 05 22 39.5 +0.5

MJAR Matushiro Arr 37.77 16 P P 05 22 44.8 -0.7

MJAR comp=Z,7.1nm,0.8s,baz=182,slow=9.2,SNR=14 37.77 16 P P 05 22 47.1 +1.7

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for stations 111-200.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for stations 201-300.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for stations 301-400.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HATOM Haton Mayor del, MIDR Miches, MIDR Miches, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

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

ADC 02 05:47:17.0, 2.2, 10.36Sx120.28E, h0km, mb3.8/3, mbmp3.7/6, ML3.3/3, Error ellipse: s-maj=112.1km

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

ADC 02 05:49:03.2, 0.8, 26.61S:67.74E, h0km, mb4.0/10, mbmp4.0/10, MS4.2/3, Error ellipse: s-maj=30.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ADC 02 05:59:31.4, 0.7, 29.62N:141.24E, h0km, mb3.9/11, mbmp3.8/14, ML3.3/3, Error ellipse: s-maj=28.6km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, BVAR Borovoye Array, ILAR Eielson Array, etc.

ADC 02 06:07:23.9, 1.3, 0.16S:120.19E, h0km, mb3.6/4, mbmp3.6/5, ML3.6/1, Error ellipse: s-maj=72.8km

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

ADC 02 06:09:16.1, 0.6, 10.29S:120.55E, h0km, mb4.4/14, mbmp4.4/16, ML4.4/2, MS3.9/5, Error ellipse: s-maj=30.7km

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

ADC 02 06:09:17.2, 7.2, 10.49S:0.07x120.30E:0.07, h11km, 5km, mb4.5/2, Error ellipse: s-maj=10.4km

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

ADC 02 06:09:20.4, 0.0, 10.45S:0.05x120.35E:0.06, h31km, n100, s147/91, mb4.4/21, MS4.0/4, 2C, Sumbe region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NWA0 Narrogin (SRO), BBOO Buclelebo, HNR Honiara, etc.

IDC 02 06:21:29.7.0.4, 10.93'S-119.86'E, h0km, mb3.7/3, mbtmp3.5/5, ML3.2/2, MS3.5/2, Error ellipse: s-maj=176.4km s-min=28.2km az=52.0, Sumba region

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

NEIC 02 06:26:25.1.1.4, 4.90'N:0.07'125.40'E:0.07, h185km, 8km, mb4.7/30, Error ellipse: s-maj=10.2km s-min=9.8km az=77.0

IDC 02 06:26:26.4.1.8, 4.93'N:125.41'E, h206km, 16km, mb3.7/15, mbtmp4.3/16, Error ellipse: s-maj=20.4km s-min=8.4km az=78.0

DJA 02 06:26:27.0.8.5, N=8.5, E=12.5E, h168km, 6km, MA.7/10, mb4.9/10, mb5.2/6, MLV4.7/10, Mw(M)4.6/6

ISC 02 06:26:25.7.0.4, 4.94'N:0.05'S:125.44'E:0.07, h200km, n95, c=1529/93, mb4.3/28, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGSI Sangihe, DAV Davo City (W), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, BKSJ Bulukumba, SBUM Sibulima, etc.

H1N1 WAKE ISLAND Hy 42.93 66 T T 07 20 32.5

H1N2 WAKE ISLAND Hy 42.94 66 T T 07 20 28.9

H1N3 WAKE ISLAND Hy 42.95 66 T T 07 20 33.1

KLR Kul'dur 44.66 6 P P 06 34 16.8 0.0

PETK Petropavlovsk- 54.82 23 P P 06 35 30.0 +0.5

MKAR Makanchi Array 55.84 325 P P 06 35 41.8 -0.6

KURB Kurchatov Arra 60.03 328 P P 06 36 10.9 -0.5

KURK Kurchatov 60.04 328 P P 06 36 10.9 -0.5

ABKAR Abkulak array 70.41 321 P P 06 37 17.5 -0.6

AKTO Aktyubinsk 71.92 322 P P 06 37 27.0 -0.1

AHCA Angle Creek He 80.15 32 P P 06 38 14.7 +1.1

E23K Chandalar 83.56 22 P P 06 38 33.4 +2.3

PWL Port Wells 83.88 29 P P 06 38 33.8 +1.0

SML Mawson 84.44 200 P P 06 38 35.7 +0.7

GLI Glacier Island 84.48 29 P P 06 38 37.4 +1.6

ILAR Eielson Array 84.57 25 P P 06 38 36.1 -0.1

ILO3 Eielson Array 84.59 25 P P 06 38 35.9 -0.4

F2SK Christian River 85.06 23 P P 06 38 40.8 +2.1

BMR Burnt Mountain 85.47 23 P P 06 38 42.6 +1.9

TORD Torodi Ar. Bea 121.32 289 PKP PKPdf 06 44 55.8 -0.2

TXAR Lajitas Array 121.86 51 PKP PKIKP 06 44 57.9 +0.8

NEIC 02 06:37:04.9.2.0, 22.54'S:0.04:68.67'W:0.09, h119km, 10km, mb4.3/6, ML4.1(GUC), Error ellipse: s-maj=12.6km s-min=5.2km az=109.0

VAO 02 06:37:05.0.5.2, 22.54'S:68.67'W:0.09, h104km, 5km, mb4.4

IDC 02 06:37:05.0.0.6, 22.45'S:68.47'W:0.09, h92km, 6km, mb3.7/8, mbtmp3.9/12, Error ellipse: s-maj=20.6km s-min=15.4km az=120.0

GUC 02 06:37:06.8.0.7, 22.28'S:68.65'W:0.09, h100km, 6km, ML4.1

ISC 02 06:37:05.3.0.5, 22.43'S:0.05:68.63'W:0.06, h107km, n94, c=157/94, mb4.1/9, 6C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC Limon Verde, PATCX Punta Patache, etc.

TIR 02 06:39:38.1, 39.80'N:20.64'E, h12km, 1km, Md2.8, ML2.4

ATH 02 06:39:38.4, 39.81'N:20.65'E, h14km, 1km, ML2.2/5, Error ellipse: s-maj=2.2km s-min=1.1km az=312.0

ISC 02 06:39:38.3.0.9, 39.80'N:20.66'E:0.03, h16km, 7km, Md2.8, ML2.4

TIR 02 06:39:38.1, 39.80'N:20.64'E, h12km, 1km, Md2.8, ML2.4

ATH 02 06:39:38.4, 39.81'N:20.65'E, h14km, 1km, ML2.2/5, Error ellipse: s-maj=2.2km s-min=1.1km az=312.0

ISC 02 06:39:38.3.0.9, 39.80'N:20.66'E:0.03, h16km, 7km, Md2.8, ML2.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAN Janina, LSK Leskovik, SRN Sarande, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRVC Isla de Provid, AZU Azuero, WRA Warramunga Arr, etc.

IDC 02 06:58:16.4±2.8, 10°07'S×120°92'E, h0km, mb3.7/2, mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=175.8km s-min=26.4km az=55.0, Sumba region

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

UPA 02 06:59:25.1±0.3, 8°07'N-81°95'W, h42km, h2g3km, MW3.0, Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCO2 Palмира, BRU2 Volcan, MLR13 Monte Lirio, C, etc.

IDC 02 07:01:04.3±0.5, 10°27'S×120°53'E, h0km, mb4.6/23, mbtmp4.7/25, ML4.6/2, MS4.1/32, Error ellipse: s-maj=24.7km s-min=12.9km az=75.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, MMRI Maumere, PLAI Plampang, etc.

IDC 02 07:01:08.8±0.3, 10°50'S×120°34'E, h31km, n239, a178/225, mb4.8/2, MS4.2/35, 4C-5D, Sumba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, MMRI Maumere, PLAI Plampang, etc.

IDC 02 07:01:08.8±0.3, 10°50'S×120°34'E, h31km, n239, a178/225, mb4.8/2, MS4.2/35, 4C-5D, Sumba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WBS2 Warramunga Arr, etc.

IDC 02 06:58:16.4±2.8, 10°07'S×120°92'E, h0km, mb3.7/2, mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=175.8km s-min=26.4km az=55.0, Sumba region

Table listing station data for the left column, including call signs like MJAR, MAJO, BJT, etc., and associated technical details.

Table listing station data for the middle column, including call signs like ABKAR, ELIB, NRIK, etc., and associated technical details.

Table listing station data for the right column, including call signs like ASAR, ASO1, MORW, etc., and associated technical details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IAML, Pn, WRA, ASAR, MKAR, ZALV, KURBB, BVAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSAI, AAI, SWI, WRA, ASAR, MKAR, ZALV, KURBB, BVAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OOD, NWAO, COEN, BBOW, CTA, STKA, GUMO, CMAR, etc.

ICD 02:07:28:59.8.1.8.2:94S:129.18E, h0km, mb3.9/5, mbmp3.9/6, ML3.9/1, Error ellipse: s-maj=167.0km s-min=23.3km

DJA 02:07:29:03.2.0.9.2.3:5.7x13.0E, h25km, 24km, M3.7/6, ML3.7/6

ISC 02:07:29:03.2.0.9.2.3:5.7x13.0E, h28km, n10, s=136/11, mb4.0/5, Seram

ICD 02:07:56:09.2.0.9.0:60S:119.74E, h0km, mb4.1/11, mbmp4.2/12, ML4.3/1, MS4.1/4, Error ellipse: s-maj=44.5km s-min=17.6km az=70.0

DJA 02:07:56:11.4.0.3.1.1:2.2x12.0E, h10km, M4.6/10, ML4.6/10

NEIC 02:07:58:17.2.2.4.0:64S:0.04x120.2E, h39km, gkm, mb4.4/10, Error ellipse: s-maj=21.7km s-min=5.5km

az=81.0
ISC 02 07:56:10.9,-0.5,0.51S:0.05:119.85E:0.05,h10km,n53,
c1567/43,mb4.3/21,MS4.3/4,Minahassa Peninsula,
Sulawesi

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

IDC 02 08:02:48.7,-1.1,1.13S:120.57E,h0km,mb3.8/6,
mbtmp3.9/7,ML3.8/1,MS3.8/1,Error ellipse: s-maj=66.6km

s-min=20.0km az=65.0,
DJA 02 08:02:55.3,-0.4,1.1S:4.12E:0E, h10km, M4.0/8, MLv4.0/8
ISC 02 08:02:53.1,-0.8,1.25S:0.07:120.33E:0.08,h23km,n14,
c1581/14,mb4.0/6,Sulawesi

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

VIE 02 08:16:47.9,-0.8,48.10N:16.30E,h0km,ml0.8/1,Error
ellipse: s-maj=4.5km s-min=4.2km az=16.0,Suspected
Mlining explosion,, Austria

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

LJU 02 08:17:00.9,46.39N:15.07E,h0km,Confirmed
Rockburst,Northwestern Balkan Peninsula

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

NEIC 02 08:17:21.2,-1.1,2.6N:0.1x128.4E:0.2,h227km,10km,
mb4.2/13,Error ellipse: s-maj=23.6km s-min=11.5km
az=115.0,
DJA 02 08:17:24.1,-2.5,3.1N:11x12.8E:2.0,h195km,15km,
M4.1/4,MLv4.1/4
IDC 02 08:17:29.1,-7.5,2.62N:128.66E,h327km,83km,mb3.5/11,
mbtmp4.2/11,Error ellipse: s-maj=45.1km s-min=14.4km
az=65.0

ISC 02 08:17:17.5,-0.8,2.81N:0.09:128.8E:0.2,h200km,n27,
c0882/27,mb4.0/16,Halmahera

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

IDC 02 08:25:31.3,-1.0,1.036S:120.20E,h0km,mb3.9/7,
mbtmp3.9/9,ML3.6/2,MS3.7/2,Error ellipse: s-maj=60.4km
s-min=20.3km az=77.0
ISC 02 08:25:36.5,-0.9,1.03S:0.1x120.9E:0.2,h35km,n11,
c217/13,mb4.0/7,Sumba region

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

IDC 02 08:26:18.3,-26.1,0.5632N:42.25E,h0km,Error ellipse:
s-maj=107.1km s-min=59.8km az=89.0,Baltic
States-Belarus-Northwestern Russia

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

DJA 02 08:35:15.1,-0.7,10.59x12.0E:1, h10km, M4.1/2, mb4.7/2,
mb4.7/1,MLV3.8/1, Mw(mb)3.9/1
NEIC 02 08:35:17.1,-2.0,10.55S:0.06:120.37E:0.06,h35km,1km,
mb4.3/12,Error ellipse: s-maj=13.1km s-min=7.6km
az=222.0
IDC 02 08:35:19.5,-3.7,10.25S:120.87E,h72km,35km,mb3.6/7,
mbtmp4.0/10,ML4.1/3,MS3.6/1,Error ellipse:
s-maj=7.1km s-min=15.9km az=68.0
ISC 02 08:35:15.2,-0.6,10.54S:0.06:120.36E:0.05,h31km,n59,
c087/55,mb4.2/9,Sumba region

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

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

IDC 02 08:45:49.2,-0.9,29.55S:178.19W,h75km,18km,mb3.6/5,
mbtmp3.9/5,Error ellipse: s-maj=43.2km s-min=25.8km
az=31.0
ISC 02 08:45:49.6,-0.9,29.45S:0.3:178.17W,0.2,h86km,12km,n8,
c0889/9,mb4.0/5,Kermadec Islands

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

IDC 02 09:02:36.3,-5.7,29.85N:137.62E,h305km,106km,
mb3.2/5,mbtmp3.8/7,Error ellipse: s-maj=161.6km,
s-min=15.7km az=65.0
JMA 02 09:02:39.0,-0.2,30.1N:1x13.9E:1, h411km, MV3.5/14,
NEAR TORISHIMA IS
NEIC 02 09:02:38.9,-1.9,30.12N:0.09:138.4E:0.1,h364km,9km,
mb4.0/15,Error ellipse: s-maj=17.4km s-min=12.3km
az=78.0
ISC 02 09:02:39.2,-0.7,30.30N:0.07:139.04E:0.09,h400km,n41,
c121/97,mb3.7/13,Southeast of Honshu

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, INU Inuyama, JGF Kuroka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISC 02 09:15:30.8,0.8,17.8S,0.2,178.7W,0.1, h600km, n29, etc.

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

DJA 02 09:12:57.4,0.6,10.1S,8.12E, h10km, M4.4/9, mb4.6/3, mb4.8/2, MLV4.3/M, MN(mb)4.1/2

ISC 02 09:12:59.2,4.0,10.44S,120.53E, h62km, 32km, mb3.8/8, mbmp4.1/11, ML3.8/3, MS3.4/4, Error ellipse: s-maj=47.2km s-min=19.0km az=61.0

ISC 02 09:12:56.0,0.6,10.55S,0.06,120.34E,0.06, h31km, n38, e253/32, mb4.1/8, MS3.1/3, Sumba region

UCR 02 09:18:09.0,1.1,7.41N,82.79W, h10km, 13km, MW4.1

UPR 02 09:18:09.4,0.9,7.36N,82.78W, h19km, 15km, MW4.1

ISC 02 09:18:07.0,1.6,7.34N,108.8276W,0.05, h10km, n49, e080/53, 2D, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, Su, MMRI Maumere, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LIMO3 Limones, PTPM Petroterminale, etc.

IDC 02 09:34:51.1,3.5,10.39S,120.72E, h57km, 30km, mb3.8/10, mbmp4.1/13, ML3.9/3, Error ellipse: s-maj=45.1km s-min=13.2km az=65.0

ISC 02 09:34:48.9,0.6,10.52S,0.06,120.18E,0.10, h35km, n30, e153/28, mb4.1/10, Sumba region

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MMRI Maumere, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H042Z CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H042Z CROZET ISLANDS, H041N CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, PSAAO Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 02 09:15:26.6,0.7,17.3S,0.1,178.2W,0.2, h590km, 14km, mb4.1/17, Error ellipse: s-maj=29.3km s-min=14.3km az=127.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KGS1 Ghasr-e-Shirin, GLG1 Gilan-e-Gharb, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASOI Alice Springs, QIS Maumotu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, TORO Torod Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GTOI Gorontalo, BBSI Bau Bau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, WRAB Tennant Creek, etc.

Table of astronomical data including USAOB, USRK, SONMI, MK31, MKAR, AAK, ZALV, KURBB, HRA with columns for name, coordinates, magnitude, and other parameters.

CATAC 02 09:49:53.8-1.0, 7.37N, 82.84W, h12km, 6km, ML3.6
UCR 02 09:49:55.2, 1.2, 7.40N, 82.93W, h7km, 17km, MW3.9
UPA 02 09:49:55.3, 1.3, 7.37N, 82.76W, h28km, 19km, MW4.4
ISC 02 09:49:52.6, 2.0, 7.37N, 0.08, 82.88W, 0.05, h12km, 11km,
n38, e1925/56, 1C-4D, South of Panama

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations like PTM, DCD, CDITO, etc.

IDC 02 10:08:35.0-0.4, 17.77S, 167.99E, h0km, mb5.0/24,
mbmp5.0/25, ML4.3/1, MS2.4/5, Erupt ellipse:
s-maj=17.0km s-min=12.8km az=95.0

NEIC 02 10:08:37.4-1.2, 17.84S, 0.07, 167.84E, 0.07, h10km, 1km,
mb5.4/206, Ms 20.5/880, Mw5.8/63, Mw5.7/48, Erupt
ellipse: s-maj=12.3km s-min=11.8km az=149.0, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm;

Mn:3.85; Mm-0.89; Mv-2.96; Mn2:2.4; Mv-0.54; Mv-3.35;
Fault plane solution: M6.79000x10^17 NP1:
6.163.50000; 3.75.44000; 1.80.12000; NP2:6.1829000;

3.17.53000; 1.123.40000; Principal axes: T 7.3819,
Plg65.00000; Azm6.00000; N -1.4073; Plg10.00000;
Azm166.00000; P -5.9744; Plg30.00000; Azm262.00000;

NEIC 02 10:08:37.0, 17.85S, 167.83E, h10km
MOS 02 10:08:37.1-1.1, 17.73S, 167.83E, h19km, mb5.7/46,
M5.5/419, Erupt ellipse: s-maj=8.0km s-min=7.1km
az=116.8

NEIC 02 10:08:37.6, 17.85S, 167.83E, h18km
NEIC 02 10:08:37.6, 17.75S, 167.93E, h18km, Moment Tensor
Solution. Duration: 366 Moment tensor: Scale 10^17Nm;

Mn:3.67; Mm0.16; Mv-3.83; Mm0.90; Mv0.53; Mv-1.60;
Fault plane solution: M4.21000x10^17 NP1:
6.162.33000; 3.57.89000; 1.79.26000; NP2:6.2570000;

3.33.670000; 1.106.54000; Principal axes: T 7.4500,
Plg75.0000; Azm43.0000; N 0.1191; Plg9.00000;
Azm169.00000; P -4.2691; Plg12.00000; Azm261.00000;

IPGP 02 10:08:37.0, 17.83S, 167.85E, h27km, Mw5.7, Fault plane
solution: NP1:3.164.00000; 8.66.00000; 1.100.00000;
NP2:3.319.00000; 8.26.00000; 1.68.00000;

NOU 02 10:08:38.4, 17.77S, 167.93E, h11km, ML5.5/114,
Vanuatu Islands
GCMT 02 10:08:43.4-0.1, 17.76S, 0.01, 167.71E, 0.01, h19km,
Mw5.8/155, Moment Tensor Solution. s152;c310;

s155;c331; Duration: 169 Moment tensor: Scale 10^17
Nm; Mn:4.04e.05; Mm:2.24e.04; Mv:4.28e.04;
Mm1.73e.09; Mv0.58e.03; Mw:4.31e.11; Best double
couple: M6.26400x10^17 NP1:3.162.00000; 8.69.00000;

1.82.00000; NP2:3.319.00000; 8.26.00000; 1.11.000000;
Principal axes: T 6.1900, Plg65.0000; Azm58.00000; N
0.1520, Plg8.00000; Azm165.00000; P -6.3390,
Plg24.00000; Azm258.00000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

NOUC Port Laguerre, 4.52 200 P Pn
ONTNC Queen Toro, 4.67 197 P Pn
ONTNC Owen Toro, 4.67 197 P Pn
OUENC Owen Island, N, 4.68 192 P Pn
PINNC Pines Island, 4.78 195 P Pn
PINNC Pines Island, 4.78 195 P Pn
MSVFN Nonsavu, 9.64 91 Pn Pn
MSVFN Nonsavu, 9.64 91 Pn Pn

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

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Table with columns: ID, Name, Comp, Az, El, AzEl, Dist, AzEl, Dist, AzEl, Dist. Includes entries like 104A Tendick Farm, 104A Pinyon Flats, 104A Pinyon Flats, etc.

Table with columns: ID, Name, Comp, Az, El, AzEl, Dist, AzEl, Dist, AzEl, Dist. Includes entries like Q09A Carvers, H24K Noodor Dome, TROLL Troll, etc.

Table with columns: ID, Name, Comp, Az, El, AzEl, Dist, AzEl, Dist, AzEl, Dist. Includes entries like PSUT Pine Spring, CCUT Cedar City, FARO Faro, etc.

Table with columns: Call Sign, Name, Frequency, Power, Band, and other technical details. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, and various local and regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Band, and other technical details. Includes stations like CGM3 Cape Girardeau, HALT Halls, ESPN Las Esperanzas, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Band, and other technical details. Includes stations like K57A Scipio Center, GTBY Guantanamo Bay, V61A Roper, and various international and regional stations.

Table with columns: NACGM, comp, ePKP, PKIKP, 10 27 51.9, -0.7, etc. Lists various astronomical objects and their observations.

Table with columns: PUK, comp, 143.61 318, IAMS_20, IAMS_20, 11 33 11.7, etc. Lists astronomical objects and their observations.

Table with columns: MESSJ, Messejana, 159.78 351, PKPpdf, PKPpdf, 10 28 35.0, -1.4, etc. Lists astronomical objects and their observations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOURA, AGG, AXAR, EVGI, NYDR, VLS, FSK, PSDA, LK2D, THL, TYRN, IGT, VLY, LSK, SRN, KBN, FNA, OHR, VAY, SGRT, BRTR, GERES, ESDC, FINES, NB2, NOA, TORD, ARCES, MKAR, GCPRR, HUMP, EMPRR, SJG.

Table with columns: S/JG, IAML, Time, Res. Includes stations like PDRP, AOPR, OBIP, AGPR, LSP, MLPR, CRPR, SMRT, SABA, ANBD, SDR, SKHL, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDRP, AOPR, OBIP, AGPR, LSP, MLPR, CRPR, SMRT, SABA, ANBD, SDR, ASAJ, YSS, YUK, SHO, ASAJ, SKR, KLR, SEY, KRSR, ILAR, MKAR, KURBB, YBH, FINES, NVAR, NOA, PDAR, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like mbmp3.9/8, JMA, NEIC, ISC, Honshu, JIKH, JMKH, JMST, JJK, JMM, JMO, JIO, ONAJ, JOU, JOT, JYAR, JMK, JYM, JYS, JFY, JYK, JOY, JGF, JSD, MJAR, MJAR, MAJO, MJB9, JTM, JGF, JSJ, ERM, INU, JHU, JHJ, ASAJ, ASAJ, JKA, USRK, SONM, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, K15K, M17K, KURK, KURBB, P19K, B21K, ILAR, F26K, N25K, VRDI, I28M, G29M, I30M, M30M, HYT, H31M, WB0, WRA, PSBK, OKC, MORC, LANS, DPC, DPC, NDI, IDC, NEIC, ISC.

2d 10h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HANLEY, Josimath, Kalpa, Simla, Arslanbob, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like West end E0370, Wayneoka, Ellis Custer, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Hondo, Sanderson, Poplar Bluff, etc.

IDC 02 10:31:12.4,2.9,10.25Sx120.52E,h0km,mb3.8/2, mbtmp3.8/4,ML3.5/2,Error ellipse: s-maj=172.4km s-min=28.0km az=54.0,Sumba region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kappang, Warramunga Arr, Diego Garcia H, etc.

IDC 02 10:34:08.6:1.2,10.31Sx120.44E,h0km,mb3.9/4, mbtmp4.0/6,ML3.9/2,Error ellipse: s-maj=78.9km s-min=23.8km az=62.0,Sumba region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kappang, Warramunga Arr, Diego Garcia H, etc.

RSNC 02 10:37:23.7:0.0,7.7N:1.7x7.2W, h-1km,3km,M3.6,mb4.2, ML3.4

NEIC 02 10:37:23.6:1.5,7.02N:0.07:72.27W,0.07,h10km,1km, mb4.4/63,Error ellipse: s-maj=14.6km s-min=8.5km az=131.0

IDC 02 10:37:30.6:1.0,7.14N:72.28W,h78km=10km,mb3.4/9, mbtmp3.8/13,Error ellipse: s-maj=16.6km s-min=7.6km az=130.0

IDC 02 10:37:22.9:0.4,7.04N:0.02:72.27W,0.02,h10km,n121, az=173/158,mb4.4/39,Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Pampiona, Tame, Barichara, etc.

NEIC 02 10:29:16.3:1.4,36.222N:0.01x98.93W,0.02,h4km,4km, mb_Lg3.0/95,ML3.1/25,ML3.0,Error ellipse: s-maj=2.0km s-min=1.4km az=124.0

NEIC 02 10:29:16.3:1.6,36.222N:0.006:98.91W,0.02,h5km,1km, Error ellipse: s-maj=2.9km s-min=2.2km az=348.0, Oklahoma

Table with columns: RECRC, NIZA, CBIOC, DBBC, ANIL, ANIL, SJCC, PRAC, ORTC, URMIC, APAC, LCBC, GUVIC, SMRC, BAUV, URIC, YOTC, MACC, CAPC, MALC, FLOC, SDDR, MTDJ, SJG, BOAV, SAML, TEIG, LPAZ, LPAZ, SIV, WHAR, MIAR, FCAR, KSPA, P46A, CCM, RLO, RLO, SPIN, QUOK, OK051, TXAR, TXAR, TX31, SMWD, R30B, RSSD, U15A, KNB, MTPU, MSU, MWU, SCHO, CCUT, V12A, NLU, PDAR, PDAR, HWUT, AHID, LHOHW, SNOW, BGU, NPGC, GSC, HUU, TPNV, IMW, DSP, BOAZ, MBO, F10A, I07A, PINE, PINE, B08A, KSBX, LTY, KBO, F04N, O30N, HYT

Table with columns: HYT, M30M, F31M, TORD, M29M, H29M, C29M, M27K, E29M, J26L, ILAR, H20K, J20K, WRA, CMAR, VAO 02 10:40:13.7, NEIC 02 10:40:16.2, IDG 02 10:40:21.8, ISC 02 10:40:16.3, Code, ATAH, ATAH, ATAH, SLOR, NNA, NNA, NNA, PULLU, OTAV, CZSB, CZSB, TUMC, TBTG, TBTG, RUSC, ETMB, ETMB, AP01, PB18, LPAZ, LPAZ, LPAZ, LPAZ, JTS, SOCE, SOCE, SAML, SAML, LVC, BAUV, MACA, PB14, VILB, VILB, GO02, SIV, SIV, TGUH, TGUH, BOAV, BBSD, MTO3, PTLB, PTLB, PDRE, MTDJ, ITTB, CLDB, NPGC, SALV, H03N2, H03N1, H03N3, IGPR, AOPR, PDRP, PDRP, SOR, SOR, SNDB, CPUP, SMRT, MDP, PTBG, SMTB, BDFB, IPMB

Table with columns: JANUB, TXAR, TXAR, MIAR, Z35A, Z35A, WVT, WHAR, MNHN, X37A, X37A, T57A, T57A, T59A, T59A, WTF5, WTF5, LCAR, FCAR, VHRN, R58B, R58B, CGM3, CGM3, FNO, FNO, TUL3, TUL3, U38A, S44A, S44A, SIUC, SIUC, OK029, SMWD, SMWD, CCM, CCM, S39A, S39A, R40A, KSU1, R32A, R32A, TRNY, ANMO, ANMO, L40A, SDCO, SDCO, ECSD, G62A, G62A, SPMM, EYMN, EYMN, BATG, BATG, PDAR, PDAR, E28A, AGMN, NVAR, NVAR, YPP, YMR, YMR, YHB, YHB, YHL, ULM, ULM, ULM, PAHR, HLD, BOZ, MFD, DLMT, DLMT, F10A, F10A, J05D, PINE, PINE, G08A, G08A, K02D, K02D, I04A, I04A, G05A, G05A, NEW, NEW, E07A, E07A, LTY, HEB0, EDD, DBIC, VNA3, VNA3, VNA3, VNA1, VNA2, VNA2, SNA4

Table of astronomical observations with columns: Name, RA, Dec, Az, El, and other data. Includes entries like DZM, ONTNC, PINNC, MSVF, CTAO, URZ, etc.

Table of astronomical observations with columns: Name, RA, Dec, Az, El, and other data. Includes entries like USRK, SHEM, ADK, PETK, GSI, QSPA, KLR, PHRA, HEH, CMAR, CMAR, CMAR, CHTO, PZH, PZH, PZH, HHC, MA2, MAW, LZH, LZH, LZH, BELA, J16K, M19K, ULN, ULN, J17K, J17K, YAK, YAK, SONM, SONM, SONM, SMAI, SMAI, MID, J18K, H17K, H17K, O02D, O02D, J20K, ELIB, AFDM, CMB, CMB, YBH, HUMO, H06S1, HATC, INVAR, J05D, NV11, HDA, HDA, BBB, KVV, PINE, ILAR, ILAR, PALK, TROLL, H24K, LPIG, SNA4, SNA4, SNA4, SNA4, SNA4, J07A, J08A, VNA3, E07A, G08A, G08A, VNA2, HAWA, VNA1, SZAU, U15A, U15A, TIXI.

Table of astronomical observations with columns: Name, RA, Dec, Az, El, and other data. Includes entries like WMQ, INK, PDAR, TXAR, TXAR, MKAR, ARCES, NOA, BRTR, OBKA, LESA, MYKA, ABTA, WATA, WTTA, MOTI, RETA, SQTA, BFO, FETA, SCTE, DAVA, CTI, ECH, TEOI, RCMB, FDMO, NRCA, ZCCA, SENH, ESSDC, TORD, TORD, KRN2, NNC, Error ellipse, SOME, ISC, Code, Station Name, Az, El, Op, Time, Res, and other data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kavik River, Happy Valley, Jago River, Franklin Bluff, Your Creek, Toolik Lake Re, Christian River, Sheenyek River, Chandalar, Nanushuk River, Squaw Lake, Burnt Mountain, Itkillik River, Malcolm River, Coleen River, Ayikyak River, Hadweenic Riv, Babbage River, Fort Yukon, Old Crow, Bananza Creek, Doyon Strip, Teshekpuk Lake, Kiliik River, Blow River, Noodor Dome, Porcupine Dome, Minto, Yukon-K, Eielson Array, Miner Creek, Redstone River, Clear Creek Bu, Eagle, Browne, Sand Creek, Chicken.

UPP 02 12:22:48.7±0.6, 67.84N±20.22E, h0km, ML2.4, Confirmed induced event
HEL 02 12:22:49.2±0.1, 67.83N±20.19E, h0km, ML1.8, Suspected explosion
IDC 02 12:22:51.5±1.4, 67.78N±21.17E, h0km, mbmp3.0/3, ML2.1/3, Error ellipse: s-maj=23.5km s-min=8.5km az=117.0
ISC 02 12:22:49.2±0.8, 67.83N±0.02±20.23E±0.03, h0km, n32, ±152/48, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurravaara, Laukkulupa, Salmi, Lannavaara, Dundet, Masugnbyn, Saitojuokta, Saitojuokta, Kif, Pajala, Pajala, Ertsjaerv, Kotari, Kautokeino, Harads, Tromso, Kalix, Tornio, Rovaniemi, ARCES Array B, Kaamanen, Raiva-Jooseppi, Reja, Ranua, Burvik, Vario, Oulu, Maaselka, Riikka, FINESS Array B, NORARS Array B, Warramunga Arr, Alice Springs, Ussuriysk Ar, Sonmigo Array, Rikanchi Array, Ombhodratowo.

IDC 02 12:23:15.7±2.9, 10.615S±119.98E, h0km, mb3.7/3, mbtmp3.7/5, ML3.7/2, MS3.9/2, Error ellipse: s-maj=178.1km s-min=27.4km az=52.0, Sumba region
Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 16.66 126 Pn Pn 12 27 08.9 -1.9
ASAR Alice Springs 18.57 136 P Pn 12 27 35.4 +0.8
USRK Ussuriysk Ar 55.62 10 LR LR 12 58 41.9
SONM Sonmigo Array 59.42 349 P P 12 33 21.2 +1.0
MKAR Rikanchi Array 66.32 333 P P 12 34 05.0 -1.0
OPO Ombhodratowo 70.50 254 LR LR 12 57 38.6

Table with columns: ZALV, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Kurbanchoy Arr, Kurchatov Arr.

IDC 02 12:24:42.0±1.9, 6.50S±129.16E, h0km, mb3.8/2, mbtmp4.0/4, ML4.2/2, Error ellipse: s-maj=115.8km s-min=30.0km az=68.0, Banda Sea
Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 14.28 160 Pn Pn 12 28 05.7 0.0
WRA Warramunga Arr 14.28 160 Pn Pn 12 30 28.7 -1.6
ASAR Alice Springs 17.67 166 P Pn 12 28 49.7 -0.1
ASAR Alice Springs 17.67 166 P Pn 12 31 46.3 -2.1
MKAR Kurbanchoy Arr 67.36 327 P P 12 35 39.3 +0.2
KURRB Kurchatov Arr 71.65 329 P P 12 36 05.4 -0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mitsune, Hachijo jima 2, Agoshimamukai, Mikurajimanish, Miyake Tsubota, Kozu shima, Toshihigashi, Boso, Oshima 3, Boso 3, Kamata3, Matushiro Arr, WAKE ISLAND Hy 27.35 113 T, WAKE ISLAND Hy 27.35 113 T, WAKE ISLAND Hy 27.36 113 T, WAKE ISLAND Hy 27.90 115 T, WAKE ISLAND Hy 27.91 115 T, WAKE ISLAND Hy 27.92 115 T, Makanchi Array, Kurchatov Arr, Warramunga Arr, Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 27.35 113 T, WAKE ISLAND Hy 27.36 113 T, WAKE ISLAND Hy 27.90 115 T, WAKE ISLAND Hy 27.91 115 T, WAKE ISLAND Hy 27.92 115 T, Makanchi Array, Kurchatov Arr, Warramunga Arr, Alice Springs.

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

AZER 02 12:42:25.2, 38.45N±49.43E, h54km, ml2.9
TEH 02 12:42:26.9, 38.19N±49.46E, h23km, ML2.9
ISC 02 12:42:26.5±1.4, 38.16N±0.04±49.55E±0.06, h41km, 31km, n26, ±131/42, Caspian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Astara - Iran, Lenkeran, Azer, Lerik, Yardiimil, Cililabad, Lahijan - Gila, Sarab, Jirandeh, Heris, Goradiz, Ghazvin, Kurdemir, Zardab, Altighaj, Agdam, Ismayilli, Siza, Gabala, Ordubad, Khinaliq, Qusar, Shahbuz, Ganja, GEDABAY.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yonaguni jima, ESO2, ESO3, ESO4, IRIF, TWC, Suao, Hatuma jima, EWUT, Kuro-shima, ENA, Ishigaki jima, Fushanzhiwuyua, ENT, ENT, ISHIGAKIJIMAH, YMO1, YMO1, Datong, LATG, NWLT, NWLT, NACB, TWD, YHNB, YHNB, Xiliun Townshi, ETLLH, NSK, NSK, Datong, NNSB, NNS, Tongmen, ETM, SHUL, SHUL, FUSS, FUSS, TJT, TJT, WHF, WHF, NFF, NFF, ESL, ESL, TDCB, TDCB, LIOB, LIOB, WHARBT, WHARBT, NSTT, NSTT, OWD, OWD, WUSB, WUSB, HGSB, HGSB, WHP, WHP, WHP, WHP, WCS, WCS, YULB, YULB, TWF1, TWF1, FULB, FULB, MJM2, MJM2.

KRNET 02 13:35:26.2±0.1, 42.21N±71.51E, h19km, mb2.8
SOME 02 13:35:27.7, 42.28N±71.65E, h5km
NINC 02 13:35:27.5±1.0, 42.31N±71.51E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=12.4km s-min=4.2km az=179.0
ISC 02 13:35:27.4±0.7, 42.22N±0.02±71.55E±0.02, h10km, n52, ±196/94, 36C-16D, Kyrgyzstan

2d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MTBS, and various other parameters. Includes stations like ARK, DZA, MNAS, TRKS, KK31, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MTBS, and various other parameters. Includes stations like KTBS, TNSS, MDOK, CHKK, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MTBS, and various other parameters. Includes stations like WB2, WRAB, WRA, WRA, etc.

Additional information at the bottom right, including coordinates and station names like IDC 02:14:24:52.0, 0.6, 26:64S; 67:63E, h0km, mb4.1/13, etc.

Table listing seismic stations with columns for station name, coordinates, and data points. Includes stations like MAW, MBAR, CMAR, SNA, ASAR, WRA, OSPA, BRTR, TOR, DBIC, KURB, ZALV, SONM, and USHA.

NOU 02 14:32:46.1, 36.95S: 179.30W, h64km, mb4.3/8, East of North Island, N.Z.
WEL 02 14:33:03.1, 0.8, 37.5S x 179.9E, h12km, M3.4/14, ML3.7/17, MLv3.4/14, Error ellipse: s-maj=0.0km s-min=0.0km az=104.2, confirmed

ISC 02 14:32:59.7, 2.3, 37.39S: 0.07, 179.30E, h24km, mb4.3/8, n98, c121/106, Off east coast of North Island

Large table listing seismic stations across various regions including Matakaoa Point, Pakitiri, Pukihia, etc.

Table for Greta Valley S station, listing coordinates and data points.

Table for Tonga Islands, listing station names like STKA, WRA, and ASAR with their respective coordinates and data.

Table for Loyalty Islands, listing station names like MARNC, PINNC, and others with their coordinates and data.

Table for Sulawesi, listing station names like MPM, SGKI, APM, and others with their coordinates and data.

Table for Vanuatu Islands, listing station names like DVP, LAFNC, and others with their coordinates and data.

Table for Vanuatu Islands (continued), listing station names like QUENC, NOUC, and others with their coordinates and data.

Table for Indian Ocean Triple Junction, listing station names like ROAM, ROPAC, and others with their coordinates and data.

Table for Indian Ocean Triple Junction (continued), listing station names like HO4N, HO4N1, and others with their coordinates and data.

Table for Indian Ocean Triple Junction (continued), listing station names like WRA, WRB, WRO, and others with their coordinates and data.

nsta2 refers to surface waves, cutoff=35s.
NEIC 02 15:29:05.2, 2.2, 37.67N: 0.03, 37.40E, 0.06, h5km, 1km, mb4.6/33, Error ellipse: s-maj=8.7km s-min=4.7km az=107.0

GCMT 02 15:29:06.2, 0.4, 37.61N: 0.02, 37.45E, 0.02, h13km, 2km, MW4.7/82, Moment Tensor Solution. s1, c1; s82, c108; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.05; Mw=0.86; Mb=0.85; Mo=0.82; 23; Mw0.58; 05; Mw0.42; 15; Best double couple: Mo 1.38300 x 10^16 Np1: 0.242, 0.00000; 0.90, 0.00000; -4.42, 0.00000; NP2: 0.332, 0.00000; 0.48, 0.00000; -1.80, 0.00000; Principal axes: T 1.3770, P1g28.0000; Azm25.0000; N 0.0110, P1g48.0000; Azm2.0000; P -1.3890, P1g28.0000; Azm189.0000; nsta1 refers to body waves, cutoff=40s.

Table for Turkey, listing station names like AKKA, KHAM, and others with their coordinates and data.

Table for Turkey (continued), listing station names like KHAM, KHAM, and others with their coordinates and data.

Table for Turkey (continued), listing station names like KHAM, KHAM, and others with their coordinates and data.

Table for Turkey (continued), listing station names like KHAM, KHAM, and others with their coordinates and data.

Table for Turkey (continued), listing station names like KHAM, KHAM, and others with their coordinates and data.

Table for Turkey (continued), listing station names like KHAM, KHAM, and others with their coordinates and data.

Table for Turkey (continued), listing station names like KHAM, KHAM, and others with their coordinates and data.

Main table containing flight data for various airlines and routes, including columns for airline, flight number, departure/arrival times, status, and other flight details.

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

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

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

2d 16h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like COEN Coen, BBOO Buckleboe, AS31 Alice Springs, etc.

ISK 02 16:01:08 1.37°65N,37°44E, h5km, ML2.5/13
AFAD 02 16:01:08 4.0,0.37,70N,37.41E, h7km,1km, ML2.3
ISC 02 16:01:08 9.1,1.37,67N,03.03,37.44E,0.02,h6km,10km,
n20,0.0563/2, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like AKCA Adyaman/Gij, AKCA AKCA, AKCA AKCA, etc.

NEIC 02 16:01:58.0,0.8,24°85'S,0°08':175°30'W,1,1,h10km,1km,
mb4.3/24, Error ellipse: s-maj=17.5km s-min=12.1km
bz=113.0

BJJ 02 16:02:00.0,24°80'S,175°60'W, h10km, mb5.1/25, mb5.6/7,
Ms4.9/2, Ms7.4/5/1

IDC 02 16:02:01.3,0.5,24°67'S,175°90'W, h0km, mb4.5/15,
mbmp4.5/17, ML4.1/2, MS4.2/44, Error ellipse:
s-maj=22.1km s-min=16.7km az=105.0

NOU 02 16:02:03.0,24°96'S,175°14'W, h25km, mb4.7/10, South of
Tonga Islands

GCMT 02 16:02:04.0,0.3,24°78'S,0°03':175°44'W,0.02,h22km,
MW5.0/101, Moment Tensor Solution. s56, c73,
s101, c130. Duration: 0 Moment tensor: Scale 1016Nm;
M2, 96.14; M3, 0.67; M4, 2.28; M5, 0.7; M6, 7.1; M7, 1.7;
M8, 0.7; M9, 1.8; M10, 1.8; Best double couple:
M3, 39200*1016 NP1*0.21, 00000*, 863.00000*,
1.90.00000*, NP2*0.201, 00000*, 827.00000*, 1.90.00000*,
Principal axes: T 3.5870, Plg72.0000*, Azm291.0000*; N
-0.3830, Plg0.0000*, Azm21.0000*; P -3.1970,
Plg18.0000*, Azm11.0000*; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 02 16:02:02.3,0.5,24°92'S,0°06':175°89'W,0°10',h10km,
n129,02/04,mb4.8/32,MS4.2/42,5C-2D, South of
Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, etc.

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Table with columns: RAO, Sn, Pn, P, S, eL, eR, eT, eS, eSS, eSnSn, eL, eR, eT, eS, eSS, eSnSn, eL, eR, eT, eS, eSS, eSnSn. Includes stations like NIUE Niue, NIUE Niue, NIUE Niue, etc.

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Table with columns: PFO, KSRS, KSRS, KSAR, ELIB, YBH, NVAR, NVAR, TROLL, KVN, SNA, SNA, SNA, SNA, SNA, USA0, USRK, USRK, USRK, USRK, U15A, CN2, KUL, KBL, BBA, TIA, TIA, TXAR, TXAR, MA2, ANMO, CMIG, HNS, HNS, HEH, HEH, PDAR, PDAR, ILAR, CMAR, CMAR, CMAR, ATAH, HHC, HHC, HHC, PZH, PZH, LVC, JTS, YAK, LPAZ, YKA, ZALV, MKAR, KURBB, BVAR, FINES, FINES, HFS, AKAS, EKA, BRTR, MMAI, CLL, LANS, BRG, VYHS, KHC, TORD, TORD. Includes stations like Pinyon Flats 0, Pinyon Flats 0, Pinyon Flats 0, etc.

AFAD 02 16:05:39.6, 36°47'N, 28°68'E, h7km, 5km, ML2.7
ISK 02 16:05:39.6, 36°47'N, 28°73'E, h5km, ML3.0/22
THE 02 16:05:42.3, 36°48'N, 28°54'E, h0km, 1km, ML2.6/2, Error
ellipse: s-maj=2.8km s-min=1.0km az=112.0

ATH 02 16:05:43.9, 36°46'N, 28°39'E, h4km, 2km, ML2.6/5, Error
ellipse: s-maj=3.2km s-min=1.3km az=105.0
ISC 02 16:05:40.4, 1.0, 36.47N, 03.28, 69E, 0.02, h7km, 9km,
n50, 0.080/71, Dodecanese Islands

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Mula-Dalaman, Mula-Seydikie, Marmaris-Mugla, Turunc, Arkhangelos, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Comitan, Comitan, El Naranjo, Pavecul, Union Juarez, etc.

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

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

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

Table with columns: BLOK, comp-Z, IAmB, IAmB, 1749 56.1, Code, Station Name, n50, 064177, Taiwan region, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries like T35A Sooner Cattle, PBMO Albuquer Bluff, AN20 Albuquer, ANMO Albuquer, RTBA Rita Blanca, TUC Tucson, S39A Bolivar, TKL Tuckaleechee C, etc.

Table with columns: Code, Station Name, n50, 064177, Taiwan region, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries like E0S3 E0S3, E0S2 E0S2, E0S2 E0S2, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, etc.

Table with columns: Code, Station Name, n50, 064177, Taiwan region, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries like DZM Mont Dzumac, MXZ Matakoa Point, URZ Urewera, BFZ Birch Farm, HNR Honiara, CTAO Charters Tower, PMG Port Moresby, STKA Stephens Creek, BBOO Buckleboe, WRO Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, KNRA Kununurra, FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, GIRL Girdwood Array, QSPA South Pole Qui, QSPA South Pole Qui, BVAR Borovoye Array, AKASG Malin Array Be, LODK Longman, BRTR Keskin Array B, BUR08 Bucovina Arr, BURAR Bucovina Arr, MMIAI Mount Meron Arr, etc.

TAP 02 17:52:02.4, 24:50N:122:57E, h12km, ML2, 7, C
JMA 02 17:52:03.0, 0.1, 24:51N:122:56E, h17km, 2km,
MV1, 7/11, NW OFF ISHIGAKIUMA IS

IDC 02 18:27:32.5, 2.6, 20:29S:177:83W, h493km, 23km, mb3.1/4,
mbtm4, 0.7, Error ellipse: s-maj=32.1km s-min=26.5km
az=77.0
NEIC 02 18:27:34.9, 1.2, 20:6S:02:177:9W, 0.2, h494km, 7km,
mb4, 3/15, Error ellipse: s-maj=30.8km s-min=21.7km
az=51.0

IDC 02 18:44:09.7, 2.0, 24:5S:02:179:5W, 0.1, h502km, 13km,
mb4, 4/27, Error ellipse: s-maj=24.9km s-min=13.6km
az=206.0
IDC 02 18:44:12.1, 1.9, 24:50S:179:97W, h498km, 18km, mb3.5/7,
mbtm4, 3/10, Error ellipse: s-maj=21.7km s-min=16.8km
az=75.0
ISC 02 18:44:11.5, 0.6, 24:58S:07:179:77W, 0.1, h505km,
n65, 1/56873, mb4, 2/19, OC, South of Fiji Islands

Table with columns for station name, frequency, mode, and other technical details. Includes stations like GIRL, QSPA, BELA, MAW, etc.

IDC 02 18:45:41.9, 1.0, 13.02S:45.51E, h0km, mb3.7/6, mbtm3.7/6, Error ellipse: s-maj=34.5km s-min=28.5km az=13.0

ISC 02 18:45:43.4, 1.1, 12.8S:02.45E:0.2, h10km, n7, c1971/8, mb3.9/0, Northwest of Madagascar

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMB0, BOS, TOR, MKAR, etc.

NEIC 02 18:51:52.6, 2.1, 40.62N:012.119W:0.03, h5km, 1km, Error ellipse: s-maj=4.7km s-min=2.9km az=38.0

REN 02 18:51:52.6, 2.9, 40.59N:003.1197W:0.03, h2km, 2km, ML2.6/7, ML2.4/7(NEIC), Error ellipse: s-maj=4.8km s-min=2.0km az=216.0, Nevada

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PAHR, PEAR, MPK, DONR, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like HUMO, TPH, J08A, etc.

IDC 02 18:53:47.8, 2.2, 12.88S:45.32E, h0km, mb3.8/4, mbtm3.8/4, ML5.0/1, Error ellipse: s-maj=63.2km s-min=29.2km az=161.0, Northwest of Madagascar

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OPO, OPO, LBTB, BOS, ASAR, WRA, etc.

DJA 02 19:10:53.5, 0.3, 0.3S:3.120E:1, h10km, M3.8/9, mb4.1/1, ML3.6/9, Minahassa Peninsula, Sulawesi

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MPSI, SGKI, MRSI, BKB, LUWI, BKSI, etc.

NEIC 02 19:13:03.5, 2.0, 40.64N:012.119W:0.02, h5km, 1km, Error ellipse: s-maj=3.8km s-min=2.9km az=3.0

REN 02 19:13:04.9, 2.4, 40.56N:003.11974W:0.03, h4km, 5km, ML2.6/11, ML2.4/68(NEIC), Error ellipse: s-maj=5.6km s-min=2.3km az=215.0, Nevada

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PAHR, PEAR, MPK, DONR, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like J05D, J08A, J08B, etc.

NEIC 02 19:22:38.9, 2.0, 18.1S:01.178W:4W:0.1, h540km, 8km, mb4.8/48, Error ellipse: s-maj=18.5km s-min=14.8km az=132.0

IDC 02 19:22:40.6, 1.5, 17.99S:178.66W, h556km, 15km, mb3.6/12, mbtm4.5/13, Error ellipse: s-maj=17.0km s-min=12.5km az=138.0

ISC 02 19:22:39.3, 0.8, 18.04S:007.178E:51W:0.08, h550km, 7km, n162, c0919/166, mb4.7/38, 30C-2D, Fiji Islands region

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF, MSVF, MSVF, FUTU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QSPA, SSBL, TPUB, PETK, KSRS, HOPS, PLK4, OHAK, etc.

IDC 02 19:57:24.5z, 3.1, 10:61S, 120:25E, h0km, mb3.7/2, mbmp3.7/4, ML3.3/2, MS2.9/1, Error ellipse: s-maj=178.0km s-min=28.3km az=53.0

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

NEIC 02 20:12:52.1z, 1.7, 3:61N, 0:05:98:02E:0:06, h141km, 7km, mb4.1/23, Error ellipse: s-maj=9.0km s-min=7.3km az=64.0

IDC 02 20:12:56.3z, 7.4, 3:72N, 98:06E, h178km, 70km, mb3.6/11, mbmp4.1/12, Error ellipse: s-maj=31.9km s-min=12.4km az=61.0

ISC 02 20:12:52.4z, 0.5, 3:59N, 0:05:98:03E:0:06, h150km, n43, s150/4/8, mb4.0/20, Northern Sumatera

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

CRAAG 02 20:15:38.3, 36:74N, 5:28E, MI3.0, Algeria 11km NE Aokas

MDD 02 20:15:40.5z, 0.7, 36:66N, 5:27E, h34km, 33km, Mb4.4/16, ML, mb2.5/2, Error ellipse: s-maj=14.5km s-min=4.7km az=171.0

LDG 02 20:15:43.0z, 0.4, 37:02N, 5:33E, h10km, M2, 8/14, Error ellipse: s-maj=7.8km s-min=4.3km az=171.0

ISC 02 20:15:37.3z, 0.9, 36:93N, 0:05:52E:0:03, h10km, n38, s265/60/11, Northern Algeria

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

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and Time/Res. Includes stations like PGF, LMR, ETOR, SMRF, SBF, EPF, LASF, ETSF, EORO, MBDF, SJPF, VIVF, ORIF, LPG, LPL, ELAN.

AEIC 02 20:20:31.2,0.9,61.86N,0.02:157.72W,0.03,h18km,4km, ML3.5,ML3.6/164(NEIC), Error ellipse: s-maj=3.3km s-min=2.0km az=165.0
NEIC 02 20:20:31.0,0.9,61.858N,0.009:157.71W,0.06, h17km,4km, Error ellipse: s-maj=3.3km s-min=1.3km az=94.0
ISC 02 20:20:30.9,1.0,61.86N,0.02:157.71W,0.02,h18km,5km, n213,c082/233, Southern Alaska

Main station data table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and Time/Res. Lists numerous stations including Donlin, Holitna River, Granite Mounta, Owthat River, and many others.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and Time/Res. Lists stations like Wolf Creek Mou, Kasigliuk River, Bonanza Creek, Kwhethluk River, and many others.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station ID, and Time/Res. Lists stations like BRKL, CNPM, G18K, M11K, and many others.

Table with columns: BRTR, Keskin Array B, 67.88 310 P, P, 21 19 43.8 -0.8, etc.

Table with columns: ZALV, Zalesovo Beam, 70.92 339 P, P, 21 32 11.1 -1.0, etc.

Table with columns: USRK, Ussuriysk Arr, 58.24 19 P, P, 21 48 36.2 +0.2, etc.

IDC 02 21:20:52.9; 1.2, 10.47S; 120.33E, h0km, mb3.9/9, mbmp3.0/12, ML4.0/3, MS3.0/3, Error ellipse: s-maj=52.9km az=19.4km az=57.0

OMAN 02 21:38:43.7; 1.4, 15.17N; 52.11E, h10km, mb4.1/5, ml3.2/6, ms2.6/3, Error ellipse: s-maj=15.3km s-min=11.1km

IDC 02 21:47:12.9; 1.6, 33.36N; 136.96E, h358km, 90km, mb2.9/2, mbmp3.5/4, Error ellipse: s-maj=148.4km s-min=31.5km az=155.0

NEIC 02 21:20:58.5; 2.1, 10.57S; 120.28E; 0.07, h34km, 4km, mb4.2/11, Error ellipse: s-maj=10.8km s-min=9.4km az=216.0

ABTO Aybut SNR=23 2.46 27 P P 21 39 24.8 +0.9

JMA 02 21:47:13.2; 1.5, 26.8S; 0.2; 137.7E; h390km, 31km, SE OFF KII PENINSULA

DJA 02 21:21:00.4; 1.5, 11.5S; 6.12E; h38km, 39km, M4.3/14, mb4.5/5, mbA.6/1, MLV4.3/14, Mw(mb)3.9/1

DMTO DMT0 SNR=16 3.72 47 P P 21 39 41.1 -0.2

ISC 02 21:20:58.0; 0.5, 10.55S; 0.06; 120.26E; 0.05, h31km, n68, alpha152/64, mb4.1/12, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

KAPI baz=140,slow=19 LR LR 21 24 40.8

ISC 02 21:38:45.1; 0.5, 10.61S; 0.06; 109.52E; 0.06, h35km, n72, alpha139/75, mb4.3/23, MS3.4/4, South of Jawa

Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

WRA Warramunga Arr 16.47 126 Pn Pn 21 24 44.7 -3.3

ISC 02 21:59:51.7; 1.4, 14.47S; 170.75W, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=348.9km

Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

WRA Warramunga Arr 16.47 126 Pn Pn 21 24 44.7 -3.3

ISC 02 22:10:32.5; 2.6, 26.60S; 67.63E, h0km, mb4.0/8, mbmp4.0/8, MS3.6/2, Error ellipse: s-maj=83.2km

Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

WRA Warramunga Arr 16.47 126 Pn Pn 21 24 44.7 -3.3

ISC 02 22:10:33.1; 1.5, 26.8S; 0.1; 137.7E; h390km, 1km, mb4.6/8, Error ellipse: s-maj=29.2km s-min=16.5km alpha154/21, mb4.2/11, Indian Ocean Triple Junction

Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

2d 23h

Table with columns: WB2, Warramunga Arr, 61.14 99 P, 22 20 46.9 -1.0, Iamb, P, comp=Z,2.0nm,0.8s

SNET 02 22:14:21.9-0.4, 13:24N-87:95W, h11km, 4km, ML2.0
CATAC 02 22:14:22.0-0.4, 13:23N-87:94W, h4km, 2km, ML2.5

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

DRS 02 22:27:15.6, 40:10N-46:85E, h6km
AZER 02 22:27:16.9, 40:20N-46:63E, h13km, ml2.8

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

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

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Table with columns: ASTR, Astara, 2.29 134 Pn, 22 27 58.1 -1.0, Pn, 23 10 54.6 -2.0

FUNIV 02 22:29:40.9, 10:47N-62:80W, h20km, MW3.9
ISC 02 22:29:37.9-1.5, 10:46N-0:06:62:80W-0.04,

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

IDD 02 22:31:03.9-1.7, 10:86S-119:66E, h0km, mb3.8/5,
mbmp3.8/7, ML3.8/2, Error ellipse: s-maj=90.8km

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

IDD 02 22:45:10.6-30.0, 27:60N-140:62E, h422km, 317km,
mb3.9/9, mbmp4.1/9, Error ellipse: s-maj=193.0km

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

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Table with columns: WRA, Warramunga Arr, 16.56 125 Pn, 23 10 54.6 -2.0, Pn, 23 11 21.1 +1.0

NEIC 02 23:28:08.9-2.1, 17:27S-0:10:178:1W-0.2, h568km, 8km,
mb4.4/17, Error ellipse: s-maj=21.4km s-min=13.7km

ISC 02 23:28:09.2-1.4, 18:34S-178:19W, h579km, 12km, mb3.0/8,
mbmp4.0/10, Error ellipse: s-maj=28.3km s-min=17.3km

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

FOZ Fox Glacier, 27.20 199 P, 23 33 07.2 -1.0, P, 23 34 03.0 +1.0

STKA Stephens Creek, 38.55 241 P, 23 34 45.0 +1.2, P, 23 34 44.1 +0.3

BBOO Buckleboo, 43.33 241 P, 23 35 22.3 +0.8, P, 23 35 02.7

WRA Warramunga Arr, 44.63 260 P, 23 35 31.8 0.0, P, 23 37 02.2 +1.0

AS31 Alice Springs, 44.77 254 P, 23 35 34.5 +1.7, P, 23 35 33.4 +0.6

FITZ Fitzroy Crossi, 53.03 261 P, 23 36 34.3 +0.7, P, 23 37 17.0 +1.6

MSJAR Matushiro Arr, 68.12 323 P, 23 38 12.8 +0.6, P, 23 39 17.6 +0.5

BELA Belragno 2, 81.92 173 P, 23 39 28.5 +0.1, P, 23 39 29.1 +0.7

SCM Sheep Creek Mo, 83.45 14 P, 23 39 36.1 -0.1, P, 23 40 18.0

J20K Nowinta River, 84.18 10 P, 23 39 40.3 +0.7, P, 23 40 15.1

RND Reindeer, 84.49 13 P, 23 39 41.6 +0.4, P, 23 39 42.1

TXAR Lajitas Array, 86.09 58 P, 23 39 51.1 +1.4, P, 23 39 51.1 +1.4

ILAR Eielson Array, 86.11 13 P, 23 39 48.4 -0.4, P, 23 39 48.4 -0.4

BVAR Borovoye Array, 117.06 324 P, 23 45 48.3 -0.1, P, 23 46 06.1 -0.1

BUR08 Buccovina Ar, 144.83 332 PKPbc, 23 46 42.4 +0.2, P, 23 46 41.9 -0.3

BRTR Keskin Array B, 144.98 315 PKPbc, 23 46 42.7 -0.4, P, 23 46 42.5 -0.6

MMAI Mount Meron Ar, 146.31 303 PKPbc, 23 46 47.4 -0.7, P, 23 46 47.4 -0.7

GE2C GERESE Array S, 147.85 345 PKPbc, 23 46 49.9 +0.4, P, 23 46 49.4 -0.1

CONA Conrad Quirens, 148.10 342 ePKP, 23 46 51.6 +0.2, P, 23 46 51.6 +0.2

ARSA Arzberg, 148.81 342 ePKP, 23 46 51.6 -0.3, P, 23 46 52.6 -0.8

WATA Walderalm, 149.77 347 i PKP, 23 46 55.4 +0.5, P, 23 46 55.3 +0.2

MYKA Terra Mystica, 149.92 343 i PKP, 23 46 54.6 +0.1, P, 23 46 55.5 +0.2

ABTA Abfaltersbach, 149.10 345 ePKP, 23 46 55.2 -0.3, P, 23 47 03.9 +0.3

FETA Feichten, 150.25 347 i PKP, 23 46 56.1 +0.2, P, 23 46 58.7 -0.1

KARP Kapthaus, 151.51 313 PKPbc, 23 46 58.7 -0.1, P, 23 46 58.6 0.0

JMA 02 23:31:52.0-0.9, 32:98N-139:82E, h198km, 6km, mb3.3/3,
mbmp3.8/7, Error ellipse: s-maj=59.0km s-min=12.7km

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO3, TTO2, BSO1, TTO1, JOD2, etc.

ICD 02 23:38:08.2.2.8, 10'33S<120'42E, h0km, mb3.7/3, mbmp3.6/5, ML3.4/1, Error ellipse: s-maj=181.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, SONM, MKAR, ZALV.

ICD 02 23:38:59.1.2.7, 8'00S<74'30W, h134km, 33km, mb3.5/5, mbmp3.0/9, Error ellipse: s-maj=48.0km s-min=12.8km

OSUNB 02 23:39:05.9.0.9, 8'15S<74'09W, h158km, 4km, mb4.1/16, Error ellipse: s-maj=5.1km s-min=7.9km az=0.0

VAO 02 23:39:06.6.1.1, 8'31S<73'95W, h157km, 6km, mbR3.9

ISC 02 23:39:04.2.1.3, 8'25S<0'1.742W, 0'1.1, h166km, n44, e155/44, mb3.6/5, Peru-Brazil border region

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

ICD 02 23:44:41.4, 76'88N<14'49E, h0km, ML2.7, Error ellipse: s-maj=23.4km s-min=15.2km az=110.0,

BER 02 23:44:44.9, 1.8 76'91N<15'50E, h4km, 2km, ML2.5, Confirmed Earthquake

FCIAR 02 23:44:45.7, 76'92N<16'57E, h10km, station SPA0 has station magnitude of 2.60 station ZF12 has station magnitude of 2.70 station OMEGA has station magnitude of 2.70

ISC 02 23:44:43.6.1.6, 76'94N<0'08.156E, 0'07, h12km, 6km, n13, e177/28, IC, Svalbard region

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

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

MOS 02 23:45:24.3, 41'67N<47'06E, h18km, MPVA3.7

ICD 02 23:45:25.8, 41'71N<47'17E, h15km

AZER 02 23:45:25.2, 41'55N<46'80E, h16km, ml2.8

ISC 02 23:45:25.5.0.9, 41'67N<0'01.469E, 0'02, h13km, gkm, n48, e168/96, Eastern Caucasus

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

ICD 03 00:00:04.5.5.2, 15'02S<173'69W, h111km, 4.5km, mb3.5/6, mbmp3.9/7, MS3.0/1, Error ellipse: s-maj=38.8km

ISC 03 00:00:03.3.0.9, 15'05S<0'3.173E, 0'20, h100km, n15, e190/8, mb3.6/6, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, RAR, H11S2, H11S3, H11S1, H11N1, H11N2, etc.

23 3d 0h

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

WEL 02 23:57:12.6.0.7, 41'S<6'17'5E, h29km, 8km, M3.2/8, ML3.6/8, MLV3.2/8, Error ellipse: s-maj=0.0km s-min=0.0km az=169.3, confirmed, Cook Strait

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

ICD 03 00:00:04.5.5.2, 15'02S<173'69W, h111km, 4.5km, mb3.5/6, mbmp3.9/7, MS3.0/1, Error ellipse: s-maj=38.8km

ISC 03 00:00:03.3.0.9, 15'05S<0'3.173E, 0'20, h100km, n15, e190/8, mb3.6/6, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, RAR, H11S2, H11S3, H11S1, H11N1, H11N2, etc.

ICD 03 00:03:03.8.1.3, 24'16S<66'80W, h179km, 11km, mb3.2/5,

mbtmp3.8/10, Error ellipse: s-maj=19.6km s-min=14.5km az=10.0
NEIC 03 00:23.03.8:1.7, 24:33S:0.02:66:9W:0.1, h188km, 8km,
mb4.2/11, Error ellipse: s-maj=18.5km s-min=2.8km
az=86.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SLA, AF01, LVC, YJA, G002, AHML, PB14, PB09, PB04, AC01, AC01, AC06, AC06, G003, G003, TA01, TA01, HMBC, HMBC, G001, G001, LCO, LCO, CO01, CO01, LPAZ, LPAZ, CPUP, CPUP, VA03, VA03, SIV, SIV, MT09, MT09, ETMB, ETMB, SAML, SAML, BDFB, BDFB, BOAV, BOAV, BAUV, BAUV, MLPR, MLPR, OBIP, OBIP, CELP, CELP, SNAW, SNAW, SWET, SWET, BRDY, BRDY, TXAR, TXAR, FCAR, FCAR, S39A, S39A, TORO, TORO, PDAR, PDAR, ULM, ULM, ASAR, ASAR, BVAR, BVAR, KURB, KURB, ZAAO, ZAAO, ZALV, ZALV, MAKZ, MAKZ, MKAR, MKAR, MKAR, MKAR.

IDC 03 00:29:47.8:1.1, 26:58S:67.65E, h0km, mb3.8/7,
mbtmp3.8/7, Error ellipse: s-maj=44.2km s-min=26.6km
az=109.0

IDC 03 00:29:49.4:1.1, 26:65S:67.66E:0.3, h10km, n16,
c0457/17, mb3.97, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H08S1, H08S2, H08S3, H04N2, H04N1, H04N3, H01W2, H01W2, H01W2.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like H01W1, MAW, CMAR, SNAW, ASAR, WRA, ZALV, SONM.

IDC 03 00:37:28.0:1.5, 23:28S:179.87W, h536km, 15km,
mb3.5/10, mbtmp4.3/13, Error ellipse: s-maj=18.6km
s-min=15.0km az=133.0

NEIC 03 00:37:30.3:1.9, 23:33S:0.1:179.9W:0.2, h552km, 7km,
mb4.5/22, Error ellipse: s-maj=22.2km s-min=17.0km
az=118.0

IDC 03 00:37:27.5:0.5, 23:42S:0.09:179.83W:0.09, h532km,
n59, c1925/62, mb4.4/23, 4C, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like MSVF, MSVF, PZMM, PZMM, DZM, DZM, URZ, URZ, BKZ, BKZ, KHZ, KHZ, RPZ, RPZ, ARMA, ARMA, CAN, CAN, CTAO, CTAO, TOO, TOO, STKA, STKA, STKA, STKA, COEN, COEN, BBOO, BBOO, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, WRA, WRA, WRA, WRA, FORT, FORT, MTN, MTN, MORW, MORW, GIRL, GIRL, GSPA, GSPA, MORW, MORW, TROLL, TROLL, SNAW, SNAW, SNAW, SNAW, VNA3, VNA3, CMAR, CMAR, TXAR, TXAR, PDAR, PDAR, GAR, GAR, GRSS, GRSS, ARCE, ARCE, FINES, FINES, HFS, HFS, AKAS, AKAS, BRTR, BRTR, BRTR, BRTR, MMAI, MMAI, EKA, EKA, BUR0, BUR0, BURAR, BURAR, ELL, ELL, KARP, KARP, ESDC, ESDC, TORD, TORD.

IDC 03 00:56:31.9:3.5, 10:12S:120.82E, h0km, mb3.7/2,

mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=211.1km
s-min=29.2km az=55.0, Sumba region

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

IDC 03 01:03:33.9:1.7, 18:19S:178.29W, h594km, 18km, mb3.1/9,
mbtmp4.0/11, Error ellipse: s-maj=27.9km s-min=17.7km
az=142.0

NEIC 03 01:03:32.2:1.9, 18:22S:0.05:178.1W:0.2, h590km, 8km,
mb4.4/19, Error ellipse: s-maj=22.6km s-min=5.9km
az=75.0

IDC 03 01:03:33.5:0.6, 18:23S:0.1:178.3W:0.1, h590km, n44,
c082/44, mb4.2/19, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like MSVF, MSVF, FUTU, FUTU, KOUNC, KOUNC, MRZ, MRZ, PLWZ, PLWZ, MLZ, MLZ, COEN, COEN, TAU, TAU, WR0, WR0, WR0, WR0, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, MTN, MTN, MBWA, MBWA, MJAR, MJAR, MAJO, MAJO, NVAR, NVAR, L18K, L18K, GHO, GHO, BERG, BERG, SCM, SCM, PMSA, PMSA, N25K, N25K, GLB, GLB, J20K, J20K, TXAR, TXAR, ILAR, ILAR, PDAR, PDAR, BVAR, BVAR, ARCES, ARCES, BNN, BNN, BR13, BR13, BRTR, BRTR, MMAI, MMAI, GEC2, GEC2, FNA, FNA.

TEH 03 01:30:07.5, 28:47N:51.67E, h20km, 24km, ML2.9
OMAN 03 01:30:12.8:0.1, 28:47N:52.55E, h10km, mb3.7/1, ml2.5/4,
ms2.2/1, Error ellipse: s-maj=1.9km s-min=1.0km az=120.0
ISC 03 01:30:06.9:0.9, 28:42N:0.05:51.76E:0.04, h15km, n29,
c1875/33, Southern Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like DSBU, DSBU, QIR1, QIR1, SHIR, SHIR, JHRM, JHRM, LMD1, LMD1, LAR1, LAR1, KLUJ, KLUJ, SHMA, SHMA, SHMA, SHMA, IRAM, IRAM, IMEH, IMEH, ISAD, ISAD, IPIR, IPIR, SHME, SHME, NAZ, NAZ, ASUD, ASUD, ASUD, ASUD, MASF, MASF, MASF, MASF, FAQ, FAQ, UJCS, UJCS, HATD, HATD.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASHO, ALNE, SOHO, BSY, SMDO, WSAF, JMDO, MHTO, MHTO, LODK.

RSNC 03 01:38:44.9-0.0,7'N;1.73'W;1.41646km,2km,M3.0,mb3.6, mb5.3,ML2.7,Mw(mB)4.7,Northern Colombia

Main station list for RSNC 03 01:38:44.9-0.0,7'N;1.73'W;1.41646km,2km,M3.0,mb3.6, mb5.3,ML2.7,Mw(mB)4.7,Northern Colombia. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

DJA 03 02:00:42.8-0.4,0'N;3.12'E;0.0, h10km,M4.0/8,mb4.1/2, ML3.9/8,Minahasa Peninsula, Sulawesi

Station list for DJA 03 02:00:42.8-0.4,0'N;3.12'E;0.0, h10km,M4.0/8,mb4.1/2, ML3.9/8,Minahasa Peninsula, Sulawesi.

NOU 03 02:37:09.5,39'36S;174.26E,h235km,MLV3.5/11,North Island, New Zealand

Main station list for NOU 03 02:37:09.5,39'36S;174.26E,h235km,MLV3.5/11,North Island, New Zealand.

Station list for 2018 OCT (continued from previous page). Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

AFAD 03 02:48:35.8-0.0,36.40N;28.70E,h7km,2km,ML2.0

ISK 03 02:48:36.1,36.44N;28.74E,h8km,ML2.5/20
ATH 03 02:48:38.2,1.3,36.42N;28.60E,h10km,ML2.5/6,Manual
Solution by N.Liadopoulos This location: 2020/06/25
05:42:23 ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 5
km; Longitude uncertainty: 10 km

ISC 03 02:56.5-1.1,36.43N;03:28.72E;0.02,h10km,10km, n41,0665/53,Dodecanese Islands

Main station list for ISC 03 02:56.5-1.1,36.43N;03:28.72E;0.02,h10km,10km, n41,0665/53,Dodecanese Islands.

IDD 03 02:54:50.8-0.6,21.54S;65.57W,h287km,5km,mb4.0/13, mbmp4.7/20, Error ellipse: s-maj=9.6km s-min=8.5km az=105.0

NEIC 03 02:54:51.0,2.2,21.52S;0:07:65.59W;0:08,h285km,6km, mb4.6/234, Error ellipse: s-maj=11.2km s-min=10.4km az=72.0

VAO 03 02:54:51.9,0.3,21.51S;65.65W,h305km,3km,mb4.6 SCB 03 02:54:52.0,1.3,21.53S;65.68W,h300km,10km,ML4.5/2, MWV3.9, Error ellipse: s-maj=8.6km s-min=6.9km az=0.0

ISC 03 02:54:51.8-0.3,21.51S;0:04:65.60W;0.05,h300km, n329,1333/256,mb4.6/113.5,C, Southern Bolivia

Main station list for 3d 2h section. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

2018 OCT

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BSCB Bom Sucesso, LRO4 Corral, ITTB Itaituba, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLPT Palo Pinto, P53A Whipple, TXAR Lajitas Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMTG Montargil, BOSA Boshof, PBAR Barrancos, etc.

IDD 03 03:05:14.3; 1.4, 36°80'N; 71°91'E, h0km, mb3.8/5, mbtm3.77, ML3, 1/2, Error ellipse: s-maj=31.5km s-min=30.6km az=7.0

NINC 03 03:05:44.0; 2.6, 38°16'N; 72°30'E, h234km±41km, mb2.4, mp3.8, Error ellipse: s-maj=29.2km s-min=16.7km az=16.0

ISC 03 03:05:33.2; 1.2, 37°43'N; 0°09'72.12E; 0.10, h150km, n19, ±291/24, mb3.25, 4C-6D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

IDD 03 03:13:49.4; 0.7, 26°62'S; 67°62'E, h0km, mb3.9/12, mbtm3.9/12, Error ellipse: s-maj=26.7km s-min=19.0km az=94.0

NEIC 03 03:13:52.0; 1.5, 26°65'0.1; 67°61'E; 0.08, h10km±1km, mb4.6/12, Error ellipse: s-maj=22.0km s-min=12.0km az=349.0

ISC 03 03:13:51.0; 3.0, 6.2675°S; 0.1; 67.7E; 0.2, h10km, n34, ±074/25, mb4.3/17, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: SNA, SNA, ASAR, ASAR, WRA, WB2, WRAB, WBO, WRD, QSPA, QSPA, GNI, BRTR, MKAR, TORD, ABKAR, ABKAR, KURB, ZALV, ZALV, SONM. Includes station names, coordinates, and various parameters.

Table with columns: PMON, PEIG, VHO, Sontecomapan, YOHG, YOHG, TXIG, TXIG, TOIG, TOIG, HLIG, HLIG, FTIG, FTIG, TLIG, TLIG, HERN, PPM, PPM. Includes station names, coordinates, and various parameters.

Table with columns: RIDG, RIDG, G25K, FYU, FYU, IMAR, SCRK, SCRK, SCRK, J26L, J26L, J26L, J20K, J20K, I20K, I20K, COLD, COLD, WAT6, WAT6, DOT, DOT, PAX, PAX, I26K, I26K, PPLA, G21K, G21K, H20K, H20K, F24K, F24K, K20K, K20K, F22K, F22K, G26K, G26K, F21K, F21K, F21K, F25K, F25K, F25K, F25K, MENT, J19K, J19K, J19K, M24K, M24K, M24K, M24K, K27K, K27K, K27K, SML, SML, SML, GHO, GHO, GHO, I27K, I27K, I27K, SKT, SKT, SKT, SKT, SCM, SCM, SCM, E23K, E23K, E23K, E24K, E24K, E24K, H19K, H19K, H19K, EGAK, EGAK, EGAK, PMR, PMR, PMR, H27K, H27K, F26K, F26K, F26K, F26K, G24K, G24K, G24K, G24K, DHY, DHY, DHY, DHY, WAT1, WAT1, WAT1, WAT1.

UPA 03:19:20.7±1.2, 9.77N-78.82W, h32km±9km, ML4.1, 2C-1D, Panama

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, Time, Res. Includes station names like Canitas, Chepo, El Hiral, Univ. de Panama, Flamenco Islan, Monte Lirio, Isla Barro Col, Zanguenga, Chitre, Azuero, El Cacao, Vera.

IDC 03:29:36.5±0.8, 65°12'N-148°79'W, h0km, mb3.7/10, mbmp3.8/14, ML3.5/4, Error ellipse: s-maj=17.1km s-min=8.4km az=31.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, Time, Res. Includes station names like Minto, Yukon-K, Nenana, Nenana, College, Clear Creek Bu, Wood River Hill, Poker Plat Res, Brown, Manley, Manley, Eielson Array, Eielson Array, Harding Lake, Harding Lake, Noodor Dome, Noodor Dome, Mckinley, Bear Paw Mtn, Bear Paw Mtn, Shattalina Cre, Shattalina Cre, Reindeer, Reindeer, Salcha River, Salcha River, Porcupine Dome, Porcupine Dome, Kantishna Hill, Donnelly Dome, Donnelly Dome, Lake Minchumin, Lake Minchumin, Melozitna Rive, Melozitna Rive, Bananza Creek, Bananza Creek, Birch Creek, Birch Creek, Hadwenzic Riv, Hadwenzic Riv, Denali Highway, Denali Highway, Susitna Watana, Susitna Watana.

NEIC 03:29:37.2±1.2, 64°90'N-148°96'W, h0km, 4km, Error ellipse: s-maj=3.4km s-min=2.1km az=64.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; M₁₁=0.38; M₂₂=1.50; M₃₃=1.12; M₁₂=0.67; M₁₃=0.53; M₂₁=-1.37; Fault plane solution: Mu2.10000x10¹⁵ NP1: φs241.10000°, λs43.50000°, λ1.122000°. NP2: φs142.92000°, λs82.31000°, λ1.3294000°. Principal axes: T: 2.1663, P1g37.0000°, Azm90.0000°; N: -0.1371, Tg42.0000°, Azm316.0000°; P: -2.0312, P1g5.0000°, Azm201.0000°.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, Time, Res. Includes station names like Minto, Yukon-K, Nenana, Nenana, College, Clear Creek Bu, Wood River Hill, Poker Plat Res, Brown, Manley, Manley, Eielson Array, Eielson Array, Harding Lake, Harding Lake, Noodor Dome, Noodor Dome, Mckinley, Bear Paw Mtn, Bear Paw Mtn, Shattalina Cre, Shattalina Cre, Reindeer, Reindeer, Salcha River, Salcha River, Porcupine Dome, Porcupine Dome, Kantishna Hill, Donnelly Dome, Donnelly Dome, Lake Minchumin, Lake Minchumin, Melozitna Rive, Melozitna Rive, Bananza Creek, Bananza Creek, Birch Creek, Birch Creek, Hadwenzic Riv, Hadwenzic Riv, Denali Highway, Denali Highway, Susitna Watana, Susitna Watana.

MEX 03:24:33.8±0.9, 14°43'N-93°16'W, h84km±36km, MD4.0

CATAC 03:24:35.3±0.8, 14°13'N-93°02'W, h53km, ML4.1

GCG 03:24:51.7±0.5, 14°16'N-91°83'W, h33km, MD4.1

ISC 03:24:31.5±2.7, 14°22'N-106°93'19'W, h0.03, h26km±23km, n37, r190/70, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, Time, Res. Includes station names like THIG, THIG, PATR, PATR, CHUJ, CHUJ, PAVE, PAVE, PCIG, PCIG, RTAL, RTAL, RTAL, RTAL, SULM, SULM, STG3, STG3, SOKI, SOKI, SOKI, SOKI, HUEH, HUEH, HUEH, HUEH, HUEH, HUEH, CARR, CARR, CARR, FUGO, FUGO, CCIG, CCIG, CCIG, CCIG, QUIS, QUIS, QUIS, QUIS, TGBT, TGBT, TGBT, TGBT, NUBG, NUBG, NUBG, NUBG, HUIG, HUIG, UXUV, UXUV, CMIG, CMIG, NUBE, NUBE, NUBE, NUBE, MRL, MRL, JAYA, JAYA, JAYA, JAYA.

AEIC 03:29:37.5±1.4, 64°90'N-148°92'W, h0km, 5km, ML3.9, mb4.3/4, (NEIC), ML4.1/134(NEIC), Mw4.1/156(NEIC) Error ellipse: s-maj=4.1km s-min=3.3km az=165.0

NEIC 03:29:37.5±1.0, 64°91'N-148°93'W, h0.02, h16km±7km, n280, r190/264, mb3.9/12, Central Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, Time, Res. Includes station names like Minto, Yukon-K, Nenana, Nenana, College, Clear Creek Bu, Wood River Hill, Poker Plat Res, Brown, Manley, Manley, Eielson Array, Eielson Array, Harding Lake, Harding Lake, Noodor Dome, Noodor Dome, Mckinley, Bear Paw Mtn, Bear Paw Mtn, Shattalina Cre, Shattalina Cre, Reindeer, Reindeer, Salcha River, Salcha River, Porcupine Dome, Porcupine Dome, Kantishna Hill, Donnelly Dome, Donnelly Dome, Lake Minchumin, Lake Minchumin, Melozitna Rive, Melozitna Rive, Bananza Creek, Bananza Creek, Birch Creek, Birch Creek, Hadwenzic Riv, Hadwenzic Riv, Denali Highway, Denali Highway, Susitna Watana, Susitna Watana.

ISC 03:29:37.5±1.0, 64°91'N-148°93'W, h0.02, h16km±7km, n280, r190/264, mb3.9/12, Central Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, Time, Res. Includes station names like Minto, Yukon-K, Nenana, Nenana, College, Clear Creek Bu, Wood River Hill, Poker Plat Res, Brown, Manley, Manley, Eielson Array, Eielson Array, Harding Lake, Harding Lake, Noodor Dome, Noodor Dome, Mckinley, Bear Paw Mtn, Bear Paw Mtn, Shattalina Cre, Shattalina Cre, Reindeer, Reindeer, Salcha River, Salcha River, Porcupine Dome, Porcupine Dome, Kantishna Hill, Donnelly Dome, Donnelly Dome, Lake Minchumin, Lake Minchumin, Melozitna Rive, Melozitna Rive, Bananza Creek, Bananza Creek, Birch Creek, Birch Creek, Hadwenzic Riv, Hadwenzic Riv, Denali Highway, Denali Highway, Susitna Watana, Susitna Watana.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like SUSA, M20K, G19K, L27K, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like L29M, D19K, C27K, I17K, etc.

Table with columns: Station Name, Frequency, Power, Direction, Time, Res. Includes stations like LPAZ, BDOQ, SIV, AQDB, etc.

3d 4h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SCRK Sand Creek, COLD Coldfoot, LOGN Logan Glacier, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like G27K Doyon Strip, C24K Franklin Bluff, R31K City Hall, Gus, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like S34M Telegraph Cree, V35K Ketchikan, R33M Jennings River, etc.

Table of astronomical data for the first column, including station names like NV11, OMMB, ELK, etc., and their associated coordinates and observations.

Table of astronomical data for the second column, including station names like ULM, AGMN, S22A, etc., and their associated coordinates and observations.

Table of astronomical data for the third column, including station names like SADO, P49A, HKT, etc., and their associated coordinates and observations.

Table with columns for station code, name, coordinates, and various status indicators. Includes stations like KMBL Kambalda, PLAI Plampang, MEKK Mesekiharra, etc.

Table with columns for station code, name, coordinates, and various status indicators. Includes stations like BNX BinXian, NONG Nongkai, ENSH Enshi, etc.

Table with columns for station code, name, coordinates, and various status indicators. Includes stations like GAT comp=Z,230nm,19.1s, SONM Songino Array, CHIR Chirikof Island, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Pine Mountain, Eagle Plains, Malcolm River, Babbage River, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SNAA, SNAE, SNAW, SNAZ, SNAO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like San Pablo, Visu, Manteigas, Coimbra, etc.

IDC 03 05:25:59.6, 5.3, 26.86S, 67.39E, h0km, mb4.2/5, mtbpm4.2/5, Rocket ellipse: s-maj=153.7km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H04N2, H04N1, H04N3, etc.

IDC 03 05:30:07.5, 5.0, 2.53N, 98.56E, h0km, mb4.0/6, mtbpm4.0/6, Error ellipse: s-maj=275.7km s-min=21.6km

DJA 03 05:26:0.7, 3.3N, 3.99E, h180km, 1.1km, M4.1/10, mb4.8/1, MLV3.8/10

ISC 03 05:25:6.1, 0.2, 83N, 0.07, 99.3E, h1, 1150km, n14, s14/15, mb3.8/6, Northern Sumatra

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KOSI, GSI, SNI, etc.

DJA 03 05:35:31.8, 0.4, 0.4N, 4.11E, h10km, M4.6/8, MLV4.6/8, Minalhasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MPSI, SGKI, APSI, etc.

DJA 03 05:36:33.0, 0.3, 2.3S, 3.12E, h10km, M4.5/13, MLV4.5/13

IDC 03 05:36:39.0, 0.6, 1.53S, 120.46E, h0km, mb4.0/13, mtbpm4.0/14, MLV3.9/1, Error ellipse: s-maj=28.7km s-min=12.1km az=77.0

NEIC 03 05:36:42.3, 2.4, 1.65S, 0.06E, 120.18E, 0.06, h10km, 1km, mb4.3/10, Error ellipse: s-maj=12.7km s-min=8.4km az=317.0

ISC 03 05:36:40.9, 0.5, 1.68S, 0.04E, 120.20E, 0.07, h10km, n35, s19/33, mb4.2/17, Sulawesi

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like APSI, MPSI, LUWI, etc.

3d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, BBOO Buckleboe, STKA Stephens Creek, etc.

IDC 03 05:38:28.0 1.7, 2.74N, 126.30E, h0km, mb3.7/4, mbtmp3.9/5, ML4.5/1, Error ellipse: s-maj=60.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, ZALV Zalesovo Beam.

IDC 03 05:43:17.5 1.2, 4.5:30N, 137.16E, h349km, 13km, mb3.2/10, mbtmp3.8/15, Error ellipse: s-maj=19.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JREN Rebuntou, JSH Shimam, JWKE Keihoku, JSS Shokan, etc.

NOU 03 05:46:15.8, 28.53S, 175.37W, h0km, mb4.4/13, Kermadec Islands Region

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Main table with columns: RAO, Raoul Island, RAO, Raoul Island, RIZ, Rauol Island, GLKZ, Green Lake, MXZ, Matakaoa Point, etc. Includes station names and coordinates.

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Table with columns: WRA, Warramunga Arr, WBO, Warramunga Arr, FORT, Forrest, KNRA, Kunumurra, FITZ, Fitzroy Crossi, etc. Includes station names and coordinates.

NEIC 03 05:51:26.1±2.2, 21.9S; 0.1±1.76; 3W.0±1.1, h18km, 9km, mb4.6/32, Error ellipse: s-maj=18.0km s-min=14.8km az=147.0

IDC 03 05:51:31.1±2.5, 21.98S; 1.76; 86W, h206km, 22km, mb3.8/12, mbtmp4.4/15, Error ellipse: s-maj=17.1km s-min=14.1km az=124.0

ISC 03 05:51:25.2±0.4, 21.99S; 0.07; 176.4W; 0.07, h171km, n108, s1944/102, mb4.5/29, 21C-2D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MSVF Nonsavu, NIUE Nue, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like HFS Hagfors, AKASO Malin Array B, EKA Eskdalemuir, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Nonsavu, NWAO Naroqin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like FOZ Fox Glacier, ARMA Armidale, CAN Canberra, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AFAD 03 06:08:19.4±0.0, 36.35N; 28.63E, h11km, 7km, ML1.1, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NNC 03 06:14:47.8±2.6, 38.78N; 69.49E, h14km, 12km, mb3.9, mp3.5-5C, 7D, Error ellipse: s-maj=21.1km s-min=12.0km az=176.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like COEN Coen, MANU Manus Island, BBOO Buckleboe, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AFAD 03 06:08:39.6±0.0, 37.21N; 27.52E, h7km, 8km, ML1.1, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KK31 Karatay Array, KK31 Mula-Seydiye, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AFAD 03 06:14:10.1±0.8, 2.22S; 120.78E, h0km, mb4.0/9, mbtmp4.1/10, ML3.2/1, MS3.8/14, Error ellipse: s-maj=40.1km s-min=14.5km az=67.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AB31 Akbulak array, AB31 Manta, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KEKH Kekaha, HON Honolulu, HLK Haleakala, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like IDC 03 06:14:11.8±0.2, 2.22S; 120.78E, h0km, M4.8/16, mb5.0/5, mb5.1/5, ML4.7/16, MW5.4/33, NEIC 03 06:14:2.1±1.6, 2.14S; 0.05; 120.81E; 0.09, h23km, 8km, mb4.1/7, Error ellipse: s-maj=12.5km s-min=7.1km az=98.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like UPA 03 06:17:42.7±1.1, 8.69N; 82.30W, h19km, 2km, MW3.7, 2C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MAW Mawson, NVAR Mina Array Bea, H03S2 Juan Fernandez, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DVP Devils Point, VLAKA Lakatoro, LIFNC LIFOU, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TXAR Lajitas Array, VNA2 Neumayer-Watz, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like BKSJ Bulukumba, TOLIZ Tolitoli, GTOI Gorontalo, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like HNR Honiara, CTA Charters Tower, STKA Stephens Creek, etc.

3d 7h

Table with columns: SONM, Songio Array, 33.39 282 P, P, 07 27 54.2 -0.1, comp=Z,1.6nm,0.5s,baz=66,slow=2.4,SNR=7.9

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Table with columns: NEEM, North Greenlan, 48.18 9 i P, P, 07 29 54.5 -0.7, comp=Z,5.0nm,0.9s

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Table with columns: ANMO, Albuquerque, 65.20 64 P, P, 07 31 57.6 +1.7, comp=Z,3.0nm,2.5s

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WATA, RETA, WTTA, etc.

Main table with columns: LPAZ, BOSA, QSPA, PLCA, SNA, STR, COLF, SSB, LBL, VERF, FRNF, LEUC, UPP, HEL, IDC, ISC, Code, Station Name, Az, Az2, Phase ID, Op, IS, Time, Res, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAN08, KS21, KAN05, etc.

Table with columns: HDL, Hopedale, Pecs, Y45A, L42A, Y22A, YBMS, JFWS, SAND, DRIO, K22A, PLAL, ALPN, F33A, I40A, SPMN, 146A, VHRN, Z47A, TXAR, TXAR, E28A, I42A, G40A, PKVT, PDAR, TKL, TKL, ULM, NVAR, NEW. Includes station names, coordinates, and times.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like MRSI, LUWI, SPSI, BNSI, BKSI, SANI.

DJA 03 08:03:14.2, 1.7, 10.205x120.66E, h0km, mb3.9/4, mbtmp3.8/7, ML3.5/3, Error ellipse: s-maj=127.9km s-min=21.5km az=55.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like FITZ, WRA, ASAR, CMAR, SONMI, MKAR, ZALV, NVAR.

IDC 03 08:19:43.0, 2.3, 54.49N, 83.53E, h0km, mbtmp2.7/2, ML2.2/2, Error ellipse: s-maj=19.0km s-min=11.7km az=164.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like I46RU, ZALV, ZALV, KURBB, MKAR.

IDC 03 08:32:20.7, 2.5, 17.69S, 178.43W, h578km, 2gkm, mb2.9/4, mbtmp3.8/7, Error ellipse: s-maj=103.9km s-min=29.0km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like MSVF, STKA, WRA, ASAR, TXAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like APSI, MRSI, LUWI, BKB, BNSI, KAPI, KAPI, BKSI, SANI, WRA, ASAR, ASAR, SONMI, MKAR, ZALV, KURBB, BRTR.

DJA 03 09:00:31.3, 0.3, 2.3, 3.2, S3, 12.0E, h10km, M4.0/11, mb4.4/1, ML3.9/11, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like APSI, BNSI, BKB, MRSI, LUWI, BKSI.

IDC 03 09:05:12.6, 2.6, 53.92N, 86.58E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=20.7km s-min=12.9km az=65.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR.

IDC 03 09:15:44.5, 0.9, 2.15S, 120.99E, h0km, mb3.8/7, mbtmp3.8/8, ML4.0/1, MS3.1/5, Error ellipse: s-maj=39.7km s-min=16.5km az=70.0

DJA 03 09:15:46.5, 0.2, 2.2, S2, 12.1E, h10km, M4.7/17, mb4.8/7, mb5.1/2, MLV4.6/17, MW(mb)8.4/2

IDC 03 09:15:49.0, 0.7, 1.9, S4, 120.89E, 0.07, h35km, n21, s156/20, mb3.8/7, MS3.1/4, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like LUWI, BNSI, MRSI, KAPI, KAPI, BKSI, BBSI, BSI, KMSI, SANI, AAI, WRA, ASAR, ASAR, CMAR, CMAR.

JUNU Nakatsue 36.37 14 LR Op I SC h m s ISC 09 38 22.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like MJAR, SONMI, KLR, MKAR, ZALV, KURBB.

DJA 03 09:16:38.8, 0.7, 10.5, 6.10, 9E, h10km, M4.3/13, mb4.8/2, mb5.8/1, MLV4.1/13, Mw(mb)5.4/1, South of Java

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like UGM, YOGI, CMJI, KPJI, PWJI, SMRI, NGJI, CNJI, LEM, BLJI, JAGI, SRBI, PLAI.

NEIC 03 09:28:05.1, 0.5, 36.22N, 0.02, 98.94W, 0.02, h6km, 5km, mbLg2.9/6, ML3.1/22, ML3.3, Error ellipse: s-maj=2.6km s-min=2.2km az=72.0

NEIC 03 09:28:04.8, 0.5, 36.214N, 0.007, 98.95W, 0.02, h5km, 1km, Error ellipse: s-maj=3.1km s-min=2.6km az=279.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like OK038, ELIS, NOKA, NOKA, CSTR, CROK, GCO2, KAN14, KAN14, KAN14, KAN14, KAN17, KAN08, KAN08, OK029, KAN01, ADOK, KAN03, OKCSW, WMOK, KS21, BLOK, KAN03, FNO, OK048, OK031, OK051, OK052, OK03, X34A, DEOK, T35A, R32A, WFTS, TUL3, TUL3, AMTX, AMTX, L00K, CGBK, DICKNS, APMT, RTBA, KANS1, KSU1, FSW6, SN07, SN07, ABTX, SN05, POST, KSCO, HHAR, TREL, WHTY, Z38A, SGCY, MIAR, MIAR, S39A, S39A, BRDY, MGMO, SDCO, P38A, WHAR, FCAR, OZNA, OZNA, R40A, R40A, JCT, MNHN, Z41A, BRIGD, CCAR, ISCO, T42A, P40A, CCM, K30B, PBMO, FVM, 143A, CGM3, ECSD, ECSD, TXAR, SIUC, Y45A, Q44A, L40A, HDL, L42A, JFWS, F33A.

IDC 03 09:28:05.1, 0.5, 36.22N, 0.02, 98.94W, 0.02, h6km, 5km, mbLg2.9/6, ML3.1/22, ML3.3, Error ellipse: s-maj=2.6km s-min=2.2km az=72.0

IDC 03 09:28:04.8, 0.5, 36.214N, 0.007, 98.95W, 0.02, h5km, 1km, Error ellipse: s-maj=3.1km s-min=2.6km az=279.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like OK038, ELIS, NOKA, NOKA, CSTR, CROK, GCO2, KAN14, KAN14, KAN14, KAN14, KAN17, KAN08, KAN08, OK029, KAN01, ADOK, KAN03, OKCSW, WMOK, KS21, BLOK, KAN03, FNO, OK048, OK031, OK051, OK052, OK03, X34A, DEOK, T35A, R32A, WFTS, TUL3, TUL3, AMTX, AMTX, L00K, CGBK, DICKNS, APMT, RTBA, KANS1, KSU1, FSW6, SN07, SN07, ABTX, SN05, POST, KSCO, HHAR, TREL, WHTY, Z38A, SGCY, MIAR, MIAR, S39A, S39A, BRDY, MGMO, SDCO, P38A, WHAR, FCAR, OZNA, OZNA, R40A, R40A, JCT, MNHN, Z41A, BRIGD, CCAR, ISCO, T42A, P40A, CCM, K30B, PBMO, FVM, 143A, CGM3, ECSD, ECSD, TXAR, SIUC, Y45A, Q44A, L40A, HDL, L42A, JFWS, F33A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBSI Waikabubak, Su, MMRI Maumere, PLAI Plampang, etc.

Table with columns: BRU2, I/S, Sb, Time, Res. Includes stations like BRU2 Volcan, BRU2 Palmira, BRU2 Los Nanajos, etc.

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

UCR 03 09:43:02.2.1.1.8'32N-82'95W, h5km, mb4.4km, MW3.9
CATAC 03 09:43:02.8.0.6.8'27N-82'93W, h3km, mb3.6
UPA 03 09:43:02.0.7.8'35N-82'90W, h0km, mb2.3
ISC 03 09:43:01.9.0.9.8'31N-02.82'93W, 102.02, h15km, 5km, n57, r1c05/87, 8C-5D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTFM Petroterminal, LIMO3 Limones, CDITO Canoas, etc.

Table with columns: BRU2, I/S, Sb, Time, Res. Includes stations like BRU2 Volcan, BRU2 Palmira, BRU2 Los Nanajos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBSI Waikabubak, MMRI Maumere, PLAI Plampang, etc.

19C-7D, Sumba region
Code Station Name Az Az' Phase ID Time Res
WBSI Waikabubak, Su 1.27 316 Op P 09 58 30.6 +5.4

3d 9h

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other technical details. Includes stations like JMM Marumori, SNY Shenyang, GOMU GeErMu, etc.

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Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other technical details. Includes stations like ZEA Kashi, KSH Taragay, TARG Taragay, etc.

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Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, and other technical details. Includes stations like KURBB Kurchatov Arra, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

3d 11h

Table with columns: WRA, ASAR, Station Name, Time, Res, etc. Includes Warramunga Arr and Alice Springs.

IDC 03 11:25:47.1, 1.4, 10.245x120.75E, h0km, mb4.0/4, mbmp3.9/8, ML3.8/4, MS2.4/1, Error ellipse: s-maj=87.0km s-min=19.7km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes WBSI, MMRI, BATI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes FITZ, WRA, ASAR, CTA, CMAR, SONM, MKAR, HO4N2, HO4N1, HO4N3, ZALV.

WEL 03 11:33:12.4, 0.6, 39.5, 5.17x5.1E, h19km, 6km, M3.3/20, ML3.5/20, MLV3.3/20, Error ellipse: s-maj=0.0km s-min=0.0km az=178.0, confirmed

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes VRZ, PKVZ, MTVZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes WBSI, MMRI, PLAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes MRZ, PRWZ, UTU, etc.

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Table with columns: CAW, CPWZ, TGRZ, etc. Includes Cannon Point, Castlepoint, Tauranga, etc.

IDC 03 11:33:21.1, 7.4, 20.095x177.36W, h512km, 62km, mb2.8/4, mbmp3.7/5, Error ellipse: s-maj=189.9km s-min=22.7km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes MSVF, ASAR, WRA, NVAR, TXAR.

DJA 03 11:44:41.7, 1.9, 11.51x12.0E, h33km, 32km, M4.0/9, mb4.1/2, MLV3.9/7, Error ellipse: s-maj=97.4km s-min=23.1km az=61.0

IDC 03 11:44:40.0, 0.7, 10.565x120.37E, h44km, 37km, mb3.7/6, mbmp4.0/10, ML4.0/3, MS3.0/1, Error ellipse: s-maj=47.4km s-min=23.1km az=61.0

IDC 03 11:44:40.0, 0.7, 10.565x120.37E, h31km, m28, r130/30, mb3.9/7, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes WBSI, MMRI, PLAI, etc.

NEIC 03 11:54:01.6, 1.3, 10.615x120.31E, h34km, 4km, mb4.6/48, Error ellipse: s-maj=10.4km s-min=8.8km az=46.0

DJA 03 11:54:02.0, 1.6, 11.51x12.0E, h20km, 15km, M4.8/16, mb5.0/11, mb5.3/6, MLV4.9/16, MW(mb)4.7/6

IDC 03 11:54:03.4, 0.4, 10.365x120.58E, h37km, 35km, mb4.2/14, mb4.6/18, ML4.5/3, Error ellipse: s-maj=36.3km s-min=14.5km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes WBSI, MMRI, BATI, etc.

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Large table with columns: KABI, BNSI, JAGI, etc. Includes Kunurra, Luwuk, Wanaqama, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and Time. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, BVAR Borovoye Array, etc.

IDC 03 11:54:45.0, 0.3, 10.38S; 120.44E, h0km, mb4.4/14, mbtm4.5/18, ML3.4/4, MS4.1/2, Error ellipse: s-maj=31.1km s-min=13.5km az=72.0

NEIC 03 11:54:47.0, 0.9, 10.48S; 0.08; 120.30E; 0.06, h11km, 4km, mb4.7/29, Error ellipse: s-maj=11.5km s-min=9.0km az=178.0

GCMT 03 11:54:56.0, 0.3, 10.49S; 0.02; 120.20E; 0.03, h25km, 1km, MW4.9/68, Moment Tensor Solution... Duration: 0 Moment tensor: Scale 10^16Nm; Mrr:0.23; 13; Mss:1.24; 09; Mss:1.01; 12; Mss:0.89; 20; Mss:1.56; 07; Mss:1.64; 25; Best double couple: Mu:2.54100; 1016

ISC 03 11:54:49.4, 0.1, 10.51S; 0.06; 120.35E; 0.07, h31km, n68, r=123/63, mb4.5/25, 2C, Sumba region

Main table for station 173, listing call signs, station names, frequencies, powers, modes, and times. Includes stations like SOEI Soe, KAPI Kappang, JAGI Jagaj, etc.

Table for station 174, listing call signs, station names, frequencies, powers, modes, and times. Includes stations like PETK Petropavlovsk, KURK Kurchatov, VOI Vohtsoka, etc.

IDC 03 12:03:18.4, 1.1, 56.25N; 0.08; 150.05W; 0.1, h10km, 2km, ML3.6/72, ML3.6(AEIC), Error ellipse: s-maj=13.9km s-min=10.3km az=165.0

NEIC 03 12:03:22.5, 1.5, 56.21N; 0.09; 149.9W; 0.1, h10km, 7km, Error ellipse: s-maj=13.8km s-min=8.9km az=162.0

ISC 03 12:03:18.4, 1.2, 56.3N; 0.1; 149.96W; 0.08, h10km, n173, r=671/173, Gulf of Alaska

Main table for station 174, listing call signs, station names, frequencies, powers, modes, and times. Includes stations like OHAK Old Harbor, CHIR Chirikof Island, etc.

Main table for station 175, listing call signs, station names, frequencies, powers, modes, and times. Includes stations like SUSA Susitna One, BERG Berg Lake, etc.

IDC 03 12:05:31.8; 3.8, 10.48S; 120.36E, h0km, mb3.7/1, mbtm3.7/4, ML3.4/3, Error ellipse: s-maj=196.0km s-min=27.8km az=59.0, Sumba region

Table for station 175, listing call signs, station names, frequencies, powers, modes, and times. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

3rd 12h

Table with 5 columns: M3S1, Marisa, 2.29 56 P, Pn, 12 13 35.2 -1.7

KRSC 03 12:15:05.1+1.5, 56.82N-162.10E, h2km, 10km, M1.0
IDC 03 12:15:07.2+1.2, 56.89N-161.58E, h0km, mb3.5/5,
mbtmp3.4/6, ML2.2/1, MS2.4/1, Error ellipse: s-maj=33.9km
s-min=19.0km az=137.0

ISC 03 12:15:06.3+0.7, 56.84N-162.05E, h10km, n35,
a=152/34, mb3.4/5, Near east coast of Kamchatka

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

IDC 03 12:15:32.0+2.0, 10.28Sx120.64E, h0km, mb3.8/3,
mbtmp3.7/6, ML3.4/3, Error ellipse: s-maj=143.8km
s-min=23.0km az=57.0

ISC 03 12:15:34.0+1.2, 11.01S, 0.2x121.3E, h10km, n6,
a=343/8, mb4.0/3, Savu Sea

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

NEIC 03 12:20:15.5+1.5, 10.59Sx120.40E, h12km, 3km,
mb4.2/21, Error ellipse: s-maj=170.0km s-min=0.8km
az=99.0

DJA 03 12:20:20.3+1.3, 10.7S, 7x12.0E, h30km, 17km, M4.1/12,
mb4.4/3, mb4.5/1, MLV4.0/12, Mw(mB)3.7/1

IDC 03 12:20:20.1+3.0, 10.34S, 120.75E, h52km, 27km, mb3.8/8,
mbtmp4.1/12, ML4.1/3, Error ellipse: s-maj=54.3km
s-min=1.4, 1km az=70.0

ISC 03 12:20:17.5+1.0, 10.64S, 0.05x120.35E, h31km, n71,
a=1567/11, mb4.2/15, Sumba region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

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Table with 10 columns: FAKI, Fak Fak, 14.08 58 P, Pn, 12 23 34.1 -0.9

DJA 03 12:24:49.4+0.4, 0.3S, 3.11E, h10km, M3.7/7, mb3.8/1,
MLV3.6/7, Minahasa Peninsula, Sulawesi

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

IDC 03 12:25:33.6+1.8, 10.45Sx120.57E, h0km, mb3.8/4,
mbtmp3.7/7, ML3.4/3, Error ellipse: s-maj=137.0km
s-min=22.7km az=54.0

ISC 03 12:25:35.1+1.0, 10.4AS, 0.2x120.9E, h10km, n7,
a=35/19, mb4.0/4, Sumba region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

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Table with 10 columns: ASAR, Alice Springs, 18.37 138 P, Pn, 12 23 21.8 +1.0

DJA 03 12:34:30.8+0.3, 2.3S, 3x12.0E, h10km, M3.6/9, mb3.8/1,
MLV3.5/9, Sulawesi

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

BUI 03 12:38:02.0, 10.40S, 120.20E, h5km, mb4.9/74, mb5.4/29,
Ms4.8/50, Ms7.4/6/51

IDC 03 12:38:03.5+0.4, 10.21S, 120.32E, h0km, mb4.8/21,
mbtmp4.8/25, ML4.7/4, MS4.5/49, Error ellipse:
s-maj=20.0km s-min=11.1km az=75.0

NEIC 03 12:38:07.1, 10.71S, 120.44E, h24km, Moment Tensor
Solution: Duration: 1s7 Moment tensor: Scale 1019Nm

MOS 03 12:38:04.0+0.9, 10.31S, 120.25E, h22km, mb5.4/56,
MS4.4/8 Error ellipse: s-maj=10.9km s-min=5.0km
az=115.0

NEIC 03 12:38:07.1, 10.41S, 120.14E, h24km
NEIC 03 12:38:05.4+1.1, 10.43S, 0.06x120.13E, h17km, 4km,
mb5.3/92, Ms_20.4/9/4, Mw5.2/14, Error ellipse:
s-maj=9.3km s-min=8.5km az=58.0

DJA 03 12:38:08.0+0.5, 11.1S, 1x12.0E, h24km, 4km, M5.3/93,
mb5.9/93, mb5.8/58, MLV5.8/18, Mw(mB)5.3/58,
Mw/Mwp5.0/26, Mwp5.2/26

GCMT 03 12:38:09.4+0.1, 10.35S, 0.01x120.15E, h10km, 1km,
Mw5.2/18, Moment Tensor Solution. s96, c142;
s128, c200; Duration: 1s0 Moment tensor: Scale 1017
Nm; Mo:0.21e+01; Mv:0.11e+01; Mw:0.32e+01;
Mo:0.52e+04; Mw:0.67e+01; Mr:0.56e+04; Best double
couple: Mo:0.9550e+017 NP1:1.13.00000, 383.00000,
2.53.00000 NP2:1.14.00000, 338.00000, 1.168.00000

Principal axes: T 0.6630, Plg44.0000, Azm349.0000; N
0.5250, Plg37.0000, Azm119.0000; P -1.1280,
Plg28.0000, Azm232.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 03 12:38:06.1+0.3, 10.48S, 0.03x120.18E, h20km, 3km,
h21km, pp-P, n519, a2s16/542, mb5.2/144, MS4.6/81,
17C-5D, Sumba region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC, h m s, ISC

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like BNSI Bone, JAGI Jajag, KMMI Kalianget, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like NWAOW Narogin, COEN Coen, GSI Kulim, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like TNCH Wuhan, WHN Wuhan, SSE Sheshan, etc.

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Table with columns for station code, name, frequency, power, and coordinates. Includes stations like BTO, JMM, SNY, GOMU, etc.

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like ZEA, KSH, TARG, SHLS, etc.

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like KKAR, BSY, CHM, HOQ, DMT, etc.

Table with columns for station name, coordinates, and other data. Includes stations like QSPA, ATN, RAYN, KIBKI, etc.

Table with columns for station name, coordinates, and other data. Includes stations like MMAI, VNA2, VNA3, VNA1, etc.

Table with columns for station name, coordinates, and other data. Includes stations like WRA, ASAR, H0S2, H0S3, etc.

Additional information and notes at the bottom of the page, including a code table and specific station details.

3d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, PETK Petropavlovsk, BVAR Borovoye Array, ABKAR Akbulak array, GSPA South Pole Qui, AMKA Amchitka, RAYN Ar Rayn, KBZ Khabaz, BRTR Keskin Arra, TORO Torodi Arr, LPAZ La Paz.

IDC 03 13:00:28.7, 1.8, 6:43S, 129.58E, h0km, mb3.9/3, mbmp3.9/6, ML3.8/3, Error ellipse: s-maj=93.5km s-min=24.5km az=172.0

ISC 03 13:00:44.0, 1.0, 7.11S, 0:07, 129.3E, 0.1, h150km, n17, s268/20, mb3.8/4, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, FAKI Fak Fak, DRIS Darwin Rock St, MTN Manton Dam, KDU Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, QIS Mount Isa, ASAR Alice Springs, ASAR Alice Springs, ASO1 Alice Springs, WRKA Warakuma, OOD Oodnadatta, INKA Innamincka, WHYH Whyalla, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr.

IDC 03 13:25:16.8, 1.0, 3:65S, 123:22E, h0km, mb3.7/6, mbmp3.7/9, ML3.2/3, Error ellipse: s-maj=45.3km s-min=19.0km az=63.0

DJA 03 13:25:19.0, 0.2, 4.5, 3.3, 12:35E, h10km, M4.1/13, mb4.4/7, s25/12, ML4.0/12, ML4.0/12, ML4.0/12

ISC 03 13:25:19.1, 0.8, 3:30S, 0:05, 123.04E, 0:07, h10km, n20, s154/21, mb3.9/6, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BBSI Bau Bau, LUWI Luwuk, BNSI Bone, BKSI Bulukumba, APSI Ampula, BSSI Bau Bau, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BVAR Borovoye Array.

IDC 03 13:29:42.4, 9.6, 31:41N, 51:30E, h0km, mb3.8/6, mbmp3.9/7, ML3.5/1, Error ellipse: s-maj=166.5km s-min=46.7km az=72.0

TEH 03 13:29:50.1, 31.96N, 50:03E, h9km, 34km, ML3.4 ISC 03 13:29:48.0, 8.3, 31.72N, 0:05, 50:87E, 0:05, h19km, n34, s215/29, mb3.6/5, Northern and central Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IBRJ Brojen, ZNIG Zangian, JHEN Jahan bin, KLNJ Kolanjah, IPRI Pirpir, IGAR Gharneh, ABEH Behbahan, IRAM Rameshsh, IZEF Zefreh, IKLH Kolahrood, AHWZ Ahwaz, BMDN Meydan, BORS Dareh Seyedi, ISFB Seftabad, AHBU Ahrum, ICHK Chekchek, IQOM Qom.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IKFM Kafar-mosalman, HSAM Samen, IVRN Varamin, IMDV Damavand, ILAS Lasjerd, CABE Abarm-Qazvin, SNQR Songor, Kerman, ILBA Iliam Banvizeh, KLTST Kelardasht, TAPT Tabas- Tapeh T, BRTR Keskin Arra, BELG Belogoroye, AKASO Malin Array Be, BVAR Borovoye Array, FINES FINES Array B, HFS Hagfors, NOA NORSTAR Array B.

IDC 03 13:30:22.6, 3.7, 10:54S, 120:32E, h0km, mb3.8/1, mbmp3.4/4, ML3.3/3, Error ellipse: s-maj=189.1km s-min=28.4km az=59.0, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array.

IDC 03 13:44:08.2, 2.1, 10:57S, 120:25E, h0km, mb3.7/3, mbmp3.7/6, ML3.6/3, Error ellipse: s-maj=148.4km s-min=22.8km az=55.0

ISC 03 13:44:10.2, 1.2, 10:45S, 0:2, 120:9E, 0:3, h10km, n6, s497/8, mb4.0/3, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 03 13:46:36.2, 3.2, 10:65S, 120:04E, h0km, mb3.6/2, mbmp3.4/4, ML3.3/2, Error ellipse: s-maj=185.7km s-min=29.1km az=53.0, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 03 13:53:14.8, 8:26, 0.56:81N, 42:50E, h0km, Error ellipse: s-maj=107.9km s-min=64.0km az=92.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON 2.91 270 I, I31KZ AKTYUBINSK INF 11.22 118 I, I46RU ZALESOVO INFRA23.93 79 I.

IDC 03 14:10:44.4, 1.1, 10:34S, 120:46E, h0km, mb3.9/5, mbmp3.9/8, ML3.6/3, MS3.1/1, Error ellipse: s-maj=78.7km s-min=20.3km az=61.0

DJA 03 14:10:50.9, 1.0, 10:5, 5.1, 12:0E, h20km, 9km, M4.0/9, mb4.2/2, ML3.8/9

ISC 03 14:10:48.0, 0.7, 10:53S, 0:05, 120:57E, 0:05, h31km, n22, s232/26, mb4.0/5, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, Su, MMRI Maumere, BATTI Baumata, PLAI Plampang, SOEI Soe, SOEI Soe, BSSI Bau Bau, BSSI Bulukumba, KAPI Kappang, KAPI Kappang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, SONMI Songino Array, MKAR Makanchi Array, H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04N1 CROZET ISLANDS, ZALV Zalesovo Beam, KURBB Kurchatov Arr, GSPA South Pole Qui.

IDC 03 14:32:19.2, 1.3, 10:44S, 120:44E, h0km, mb4.0/7, mbmp4.0/10, ML4.0/3, MS3.0/2, Error ellipse: s-maj=118.1km s-min=17.7km az=55.0

ISC 03 14:32:20.9, 1.1, 10:45S, 0:3, 120:6E, 0:5, h10km, n11, s495/10, mb4.0/7, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONMI Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BVAR Borovoye Array.

IDC 03 14:34:02.0, 2.8, 10:37S, 120:50E, h0km, mb3.7/3, mbmp3.7/5, ML3.4/2, Error ellipse: s-maj=181.7km s-min=28.9km az=53.0, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

AZER 03 14:34:42.7, 40:94N, 46:26E, h11km, ml2.9 MOS 03 14:34:42.4, 40:87N, 46:32E, h15km, MPV4.0 TIF 03 14:34:43.8, 40:82N, 46:30E, h33km, 1km NSSP 03 14:34:43.2, 40:78N, 46:28E, h10km, Ms2.9 DRS 03 14:34:43.7, 40:98N, 46:27E, h54km

ISC 03 14:34:44.0, 0.9, 40:88N, 0:1, 46:33E, 0:01, h14km, 7km, n65, s113/130, 6C-2D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GANJ Ganja, GANJ Ganja, VSHL Vashlovany, VSHL Vashlovany, GDB GEDOBAY, GDB GEDOBAY, MNGR Mingchechevir, A, MNGR Mingchechevir, A, SEKA Sheki, OZZ Qazax, Azerbai, ZKTA Zakatala, ZKTA Zakatala, BRDA Brd, BRDA Brd, DGRG Gadag-gareji, DGRG Gadag-gareji, LGD Lagodekani, LGD Lagodekani, AGDM Agdam, AGDM Agdam, OBL Gabala, OBL Gabala, ZRD Zardab, ZRD Zardab, AKT Akhty, AKT Akhty, KAPZ Kaputan, KAPZ Kaputan, KMKR Kumukh, KMKR Kumukh, KMKR 731nm, 0.2s, XNQ Khinaliq, XNQ Khinaliq, IML Ismayilli, IML Ismayilli, GNI Garni, GNI Garni, GNI Garni, KSMR Kasumkent, KSMR Kasumkent, NREK Narek, NREK Narek, GNBK Gunib, GNBK Gunib, GNBK Gunib, GNBK 164nm, 0.4s.

Table of astronomical objects with columns: Code, Station Name, Azimuth (AZ), Elevation (E), Position (Pn, S, etc.), Time Res, Res

Table of astronomical objects with columns: Code, Station Name, Azimuth (AZ), Elevation (E), Position (Pn, S, etc.), Time Res, Res

Table of astronomical objects with columns: Code, Station Name, Azimuth (AZ), Elevation (E), Position (Pn, S, etc.), Time Res, Res

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZAAO, ZALV, M14K, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNSK, MNSK, MNSK, etc.

PRU 03 15:27:25.6, 50°18'N, 19°14'E, h0km
ISC 03 15:27:25.6, 50°33'N, 02°19'3"E, h10km, n9,
c1512/10, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like LANS, LANS, LANS, etc.

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include RANF, RMJ, PAJU, etc.

Table with 5 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KOLA 03 15:35:03.3, 67.66N, 33.99E, etc.

IDC 03 15:46:10.0, 4.5, 12.74N, 124.11E, h116km, 42km, mb3, 9/19, bmtmp4, 3/19, MS3, 0/1, Error ellipse: s-maj=24.4km s-min=10.1km az=72.0

NEIC 03 15:46:10.2, 1.5, 12.8N, 0.1, 124.2E, 0.2, h111km, 6km, mb4, 5/4.0, Error ellipse: s-maj=22.1km s-min=13.9km az=74.0

ISC 03 15:46:08.4, 0.4, 12.79N, 0.06, 124.2E, 0.1, h100km, n72, c101/72, mb4.3/37, Samar

Main table of station data for the 3rd 16h period, including codes like YULB, SSSL, YHNB, etc., and station names like Suanglung, Yehng, Luwuk, etc.

Main table of station data for the 2018 OCT period, including codes like J20K, IMAR, BPWA, etc., and station names like Indian Mountain, Ayikyay River, Bear Paw Mtn, etc.

Main table of station data for the 182 period, including codes like MORW, QIS, TABU, etc., and station names like Morawa, Mount Isa, Tabubil, etc.

ISC 03 16:11:55.3:1.1, 24.8S:0.2:176.1W:0.2, h35km, n9, c=112.9, mb3.97, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu, MSVF Warramunga Arr, ASAR Alice Springs, WRA Warramunga Arr, GSPA South Pole Qui, KRSR Korea Array, NVAR Mina Array Bea, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, AKASG Malin Array Be.

IDC 03 16:22:33.9:1.5, 20.95S:1.78:163W, h530km, 1.9km, mb3.9/10, mbmp4.2/13, Error ellipse: s-maj=21.8km, s-min=16.2km az=96.0

NEIC 03 16:22:35.5:1.3, 21.02S:0.07:178.7W:0.2, h541km, 9km, mb4.4/26, Error ellipse: s-maj=21.9km, s-min=9.9km, az=93.0

ISC 03 16:22:35.7:0.6, 20.90S:0.09:178.72W:0.1, h550km, n5.3, c=114.55, mb4.22/1, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu, MSVF Funafuti, PINNC Pines Island, DZM Mont Dzumac, KZM Koumang, KOUNC Koumang, URZ Urewera, RTZ Ruatuhuna, KHZ Kahutara, FOZ Fox Glacier, WHZ Wether Hill Ro, CTAO Charters Tower, TOO Toolangi, COEN Coen, STKA Stephens Creek, BBOW Bucklitch, WRO Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WBO Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, MTN Manton Dam, FORT Forrest, KNRA Kununurra, FITZ Fitzroy Crossi, SOEI Soe, PSAO Pilbara Seismi, MBWA Marble Bar, QSPA South Pole Qui, GSPA South Pole Qui, MJAR Matsushiro Arr, TPUB Ta-pu, KRSR Korea Array, SMAI San Martin Ant, USRK Ussuriysk Arr, BELA Belgrano 2, TXAR Lajitas Array, ILAR Eielson Array, CMAR Chiang Mai Arr, BOOM Boomsyde usch, BVAR Borovoye Array, ARCES ARCESS Array B, FINES FINESSE Array B, AKASG Malin Array Be, AKKB Malin Array Si, KIEV Kiev, BRTR Keskin Array B, BURAR Bucovia Array, MMAI Mount Meron Arr, ALN Alexandroupoli.

IDC 03 16:51:32.2:0.9, 1.32S:120.25E, h0km, mb3.7/8, mbmp3.8/9, ML3.6/1, MS3.0/3, Error ellipse: s-maj=56.2km, s-min=15.2km az=68.0

DJA 03 16:51:35.8:0.3, 1.3S:120.0E, h10km, M4.4/13, mb4.5/7, mb5.1/3, MLV4.4/13, Mw(MB)4.5/7

ISC 03 16:51:37.9:0.8, 1.41S:120.06E:0.08, h35km, n20, c=113.20, mb3.9/8, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include APSI Ampana, MRSI Marisa, LUWI Luwuk, BNSI Bone, KAPI Kappang, KAPI, BKSI Bulukumba, KMSI Cibinong, BBSI Bau Bau, MTKI Muara Teweh, SANI Sanana, SKJI Sukabumi, WRA Warramunga Arr, ASAR Alice Springs, ASAR, STKA Stephens Creek, MJAR Matsushiro Arr, SONM Songo Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BVAR Borovoye Array.

IDC 03 17:12:48.0:1.1, 36.60N:141.31E, h0km, mb3.7/8, mbmp3.8/11, ML3.8/3, Error ellipse: s-maj=24.9km, s-min=17.8km az=89.0

JMA 03 17:12:54.2:0.1, 36.6N:0.3:141.1E:0.7, h47km, 1km, mb2.0/4, M4.4/24, OFF IBARAKI PREF

JMA Feit Ji Ji at E OFF IBARAKI PREF

NIED 03 17:12:54.2:36.57N:141.13E, h47km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14N, Mn:2.21, Mo:1.70, Mo:3.91, Mo:3.99, Mo:0.28; Fault plane solution: Mo:6.1700x10^14 NP1:0.66, 0.00000, 0.374, 0.00000, 142.00000. NP2:0.168, 0.00000, 0.554, 0.00000, 121.00000.

ISC 03 17:12:53.0:1.6, 36.59N:0.05:141.24E:0.06, h32km, 1.1km, n48, c=125.4/3, mb3.6/8, 15D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHO Hitachi, JHO Hitachi, JHYU Hitachinakayama, JHYU Hitachinakayama, ONAJ Onajima, ONAJ Iwakimizuishiy, JFFD Fukushimafuru, JFK Kawauchi, JIHU Itakohorinouchi, JYT Yasato, JMST Minamisomato, JOTO OTAMA OYAMA, JOTO OTAMA OYAMA, JMM Marunori, JMM Marunori, JAG Ashikaga, JAG Ashikaga, TOK Tokyo, JKT Katsushina, MJAR Matsushiro Arr, MAJO Matsushiro, JSD Sado, JGF Kuroka, INU Inuyama, JHUJ Mitsu, JHUJ Hachioji jima 2, JHUJ Matsushiro Arr, JTM Tenmabayashi, ERM Erimo, ASAJ Ashikawa, ASAJ, SONM Songo Arr, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array.

comp=N,0.8nm,0.7s WRA Warramunga Arr 56.60 188 P P 17 22 31.9 -1.0

comp=N,0.2nm,0.4s, baz=3.8, slow=7.4, SNR=6.1 ASAR Alice Springs 60.33 188 P P 17 22 59.3 +0.4

comp=N,0.4nm,1.1s, baz=0.8, SNR=1.8 AKASG Malin Array Be 74.56 322 P P 17 24 29.7 +1.2

comp=N,0.3nm,0.4s H03N2 Juan Fernandez 147.12 97 T T 20 17 22.6

comp=N,0.2nm,0.4s H03N3 Juan Fernandez 147.13 97 T T 20 17 43.4

comp=N,0.4nm,1.1s H03N1 Juan Fernandez 147.13 97 T T 20 17 19.6

NEIC 03 17:13:51.4:1.0, 56.34N:148.78W:0.1, h10km, 2km, mb3.9/4, ML4.0/74, ML3.8(A)IC, Error ellipse: s-maj=14.9km, s-min=9km, az=167.0

IDC 03 17:13:51.4:1.0, 56.34N:148.78W, h0km, mb3.7/8, mbmp3.7/13, ML3.5/5, MS3.4/22, Error ellipse: s-maj=22.8km, s-min=18.7km, az=32.0

AEIC 03 17:13:55.1:2.1, 56.22N:0.1:148.77W:0.1, h9km, 6km, Error ellipse: s-maj=15.0km, s-min=9km, az=167.0

ISC 03 17:13:51.5:0.7, 56.34N:0.07:148.68W:0.05, h10km, n178, c=141/148, mb3.9/9, MS3.4/18, Gulf of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KDAK Kodiak Island, OHAK Old Harbor, OHAK Old Harbor, SYI Shuyak Island, SII Sitkinak Island, SII Sitkinak Island, SII Sitkinak Island, SII Sitkinak Island, MID Middleton Island, MID Middleton Island, Q23K Middleton Island, Q23K Middleton Island, Q23K Middleton Island, R18K Karluk, R18K Karluk, R18K Karluk, CNPM China Pool, BRLK Bradley Lake S, BRLK Bradley Lake S, BRLK Bradley Lake S, HOM Homer, HOM Homer, Q19K Cape Douglas, P23K Montague Island, P19K Angle Creek He, ACHA Oil Pt, P19K Oil Pt, P19K Oil Pt, KAHC Katmai 225nm, Q22K Cooper Landing, HIN Hinchinbrook I, KAIM Kayak Island, SLKM Skliak Lake, Q23K Port Fidalgo, ILSW Iliamna Southw, ILSW Iliamna Southw, CNTC Contact Creek, PLK4 Peulik 4, PLK4 Peulik 4, PLK4 Peulik 4, EYAK Cordova Ski Arr, PVL Port Wells, PVL Port Wells, SUCK Suckling Hills, SUCK Suckling Hills, SUCK Suckling Hills, FID Port Fidalgo, FID Port Fidalgo, RED Redoubt Volcan, GLI Glacier Island, GLI Glacier Island, N1CHA Nichawak Mount, RDSO Redoubt South, P18K Big Mountain, RDWB Redoubt West, RDJH Redoubt Jeurge, RC01 Rabbit Creek A, RC01 Rabbit Creek A, RC01 Rabbit Creek A, RC01 Rabbit Creek A, SPU Mount Spurr, MESA MESA, MESA MESA, SUA Suisun On, SVA Suisun On, PMR Palmyra, PMR Palmyra, CROM Cirque, CROM Cirque.

Table of astronomical observations for 3d 17h, listing station names, codes, and coordinates.

Table of astronomical observations for 2018 OCT, listing station names, codes, and coordinates.

Table of astronomical observations for 184, listing station names, codes, and coordinates.

3d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pachkamar, Zarabog, Baysun, Agalyk, Bakhmal, Dzhizak, Yangiyul, Kumaryk, Tashkent, TashGRES, Mingtut, Chimgan, Chadak, Pskem, Fergana, Kasansay, Ala-Archa, Aktyubinsk, Matkanchi Array, Borovoye Array, Kurchatov Arra, Zalesovo Beam, Keskin Array B.

IDC 03:17:48:59.9,3.0,31.388Sx179.01W,h0km,mb3.6/2, mbtmp3.6/3,ML2.5/1,Error ellipse: s-maj=67.3km s-min=47.2km az=114.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, Alice Springs, Warramunga Arr, FINES Array B.

AEIC 03:17:50:23.7,0.9,69.58N,0.03:144.94W,0.06,h14km,5km, ML3.6,ML3.7/114(NEIC),Error ellipse: s-maj=5.2km s-min=1.7km az=150.0

NEIC 03:17:50:24.8,0.7,69.58N,0.03:144.91W,0.04,h5km,7km, Error ellipse: s-maj=4.0km s-min=2.0km az=181.0

ISC 03:17:50:24.4,1.2,69.62N,0.04:144.93W,0.02,h4km,12km,n217,e0667/197,Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Camden Bay, Jago River, Kavik River, Franklin Bluff, Malcolim River, Toolik Lake Re, Sheenjek River, Itkillik River, Your Creek, Christian River, Nanushuk River.

2018 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Babbage River, Stokes Point, Burnt Mountain, Squaw Lake, Porcupine River, Blow River, Teshekpuk Lake, Doyon Strip, Hadweenciz Riv, Birch Creek, Ikpikpuq River, Killik River, Bananza Creek, Knifblade Rid, Steamboat Moun, Sinclair Lake, Pine Creek, Barrier River, Noodor Dome, Altna River, Porcupine Dome, Atoah Zraii Nji, Yukon River, Whitestone, Kandik River, Meade River, Etivluk River, Nigu River, Inuvik, Coal Creek Min, Allakaket, Miner Creek, Poker Plat Res, Tsigehtchic, Avaraat Lake, Satah River, Minto, Yukon-K.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I23K, I23K Minto, I19K Kuna River, Oglivie Camp, Melozitna River, Redstone River, Salcha River, Eagle, Clear Creek Bu, Joseph Creek, Lookout Ridge, Tanana, Nenana, Wooh River Hill, Mount Dempster, Shalerucik Mo, Peel River, Wainwright, Anotleneega Mo, Sand Creek, Chicken, Purcell Moun, Utukok River, Kokolik River, Dawson, Bear Paw Mtn, Har River, McKinley, Tukphalearik C, Selawik, Tagagawik, Barlow Dome, Kantissha Hill, Nowinta River, Nowinta River, DeLong Moun, Denali Highway, Denali Highway, Paxson, Paxson, Red Dog Mine, Beaver Creek, Beaver Creek, Hotham Inlet, Hotham Inlet, Noatak River, Noatak River, Baldwin Pennin, Baldwin Pennin, Sachs Harbour, Sachs Harbour, Susitna Watana, Susitna Watana, Susitna Watana, HAARP, HAARP, Kwalik Moun, Kwalik Moun, Nabesna, AK, Purkypile, Purkypile.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res. Includes stations like M27K Edge Creek, AK, M29M Somme Creek, M30M Minto, Yukon, etc.

RSNC 03 17:51:46.8, 0.0, 7.7N, 1.7, 7.3W, h138km, 2km, M2.9, mb3.5, ML3.2, Northern Colombia

Main table listing seismic stations with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res. Includes stations like BARC Barichara, BRUC Barrancabermej, PAMC Pamplona, etc.

Station coordinates and metadata: BUJ 03 17:52:45.0, 56.70N, 162.20E, h5km, mb4.4/6, mb4.9/15, Ms5.0/37, Ms7.4/737, KRSC 03 17:52:46.1, 1.3, 5.6, 83N, 162.15E, h9km, 15km, Mc5.5, etc.

ISC 03 17:52:49.0, 0.6, 56.77N, 0.03, 162.07E, 0.02, h12km, 3km, n708, s153/612, mb4.8/162, MS4.3/73, 38C-10D, Near east coast of Kamchatka Peninsula

Table listing seismic stations for the Kamchatka Peninsula with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res. Includes stations like SMKR Semkarok, SRKR Sorokina, BDR Baidarnaya, etc.

Main table listing seismic events with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res. Includes events like BZGR Bezymyanni-Gr, BZWR Bezymyanni-We, BZP Bezymyanni-Pe, etc.

Main table listing seismic events with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res. Includes events like YAK comp=N, 131nm, 4.4s, YAK comp=E, 75nm, 3.9s, YAK comp=Z, 11m, 16.0s, etc.

3d 17h

Table with 13 columns: ID, Name, Value, and various status indicators (P, I, S, etc.). Rows include Tagagawik, L17K Donlin, H18K Honihua River, A19K Wainwright, SDPT Sand Point, C19K Lookout Ridge, C19K Lookout Ridge, O16K Kokwok River B, M17K Holifna River, M17K Holifna River, F19K Shalहरुck Mo, F19K Shalहरुck Mo, P16K Nushagak River, GCSA Galena City Sc, G19K Purcell Mounta, D18K Kuna River, J18K Innoko River, J18K Innoko River, N17K Nushagak Hills, L18K Granite Mounta, L18K Granite Mounta, E19K Redstone River, O17K Kolliganek Bris, HEH HeiHe, HEH HeiHe, HEH HeiHe, H19K Roundabout Mou, H19K Roundabout Mou, CHNA Chernabura Isl, CHGN Chignik, R16K Pilot Point, J19K Poorman, M18K Stony River, D20K Etivuk River, P17K Kvichak River, Q16K King Salmon, N18K Kilae Creek, F20K Avaraart Lake, F20K Avaraart Lake, E20K Nigu River, B20K Meade River, H20K Anotleneega Mo, L19K White Mountain, L19K White Mountain, I20K Naaghedeneel, R17L Mt. Peulik Vol, O18K Koktuh Hills, O18K Koktuh Hills, J20K Nowinta River, J20K Nowinta River, M19K Big River Lodg, P18K Big Mountain, K20K Telida, K20K Telida, N19K Bonanza Creek, IMAR Indian Mountai, C21K Knifblade Rid, L20K Farewell, AK, USA0B Ussuriysk Arra, USA0B Ussuriysk Arra, USA0B Ussuriysk Ar, USA0B Ussuriysk Ar, G21K Ussuriysk Ar, G21K Allakaket, G21K Allakaket, Q18K Katmai Hardscr, B21K Ikpikpuq River, B21K Ikpikpuq River, E21K Killik River, F21K Aatna River, H21K Melozitna Rive, M20K Styr River, CHUM Lake Minchumin, CHIR Chirikof Islan, D22K Aiyikay River, I21K Tanana, F22K John River, Q19K Cape Douglas, PPLA Purkeypile, G22K Bettles, H22K Ishitalina Cre, N20K Mount Spurr, SPCR Spurr Chakacha

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Table with 13 columns: ID, Name, Value, and various status indicators. Rows include MDJ Mudanjang, MDJ Mudanjang, MDJ Mudanjang, MDJ Mudanjang, SII Sitkinak Islan, SKT Skwentna, SKT Skwentna, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, MLY Manley, MLY Manley, KTH Kantishna Hill, OHAK Old Harbor, D23K Nanushuk River, Q20K Shuyak Island, COLD Coldfoot, BNX Binxian, BNX Binxian, G23K Bananza Creek, C22K Killik River, CAPN Captain Cook N, HOM Homer, KDAK Kodiak Island, SUA Susitna One, H23K Yukon River, E23K Chandalar, TOLK Toolik Lake Re, I23K Minto, Yukon-K, I23K Minto, Yukon-K, NEA2 Nevana, NEA2 Nevana, BRSE Bradley Lake S, D24K Happy Valley, MCK McKinley, MCK McKinley, E24K You Creek, RC01 Rabbit Creek A, RND Reindeer, RND Reindeer, O22K Cooper Landing, PMR Palmer, F24K Squaw Lake, H24K Noodor Dome, H24K Noodor Dome, WAT1 Susitna Watana, COLA College, COLA College, COLA College, COLA College, CCB Clear Creek Ru, G24K Hadweenciz Riv, G24K Hadweenciz Riv, SEW Seward, POKR Poker Plat Res, SML Sawmill, SML Sawmill, KNK Nik Glacier, KNK Nik Glacier, WAT6 Susitna Watana, PWL Port Wells, IL31 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, DHY Denali Highway, DHY Denali Highway, HDA Harding Lake, HOD Bodaibo, BOD Bodaibo, M23K Glacier View, D25K Kevik River, D25K Kevik River, G25K Bearman Lake, SCM Sheep Creek Mo, MAJO Matsushiro, MAJO Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro Arr, F25K Christian River, PRP Porcupine Dome, GLI Glacier Island, K24K Doodley Dome, C26K Camden Bay, P23K Montague Island

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Table with 13 columns: ID, Name, Value, and various status indicators. Rows include J25K Salcha River, M24K Tolsona, BMAR Burrt Mountain, PAX Paxson, F26K Sheenjek River, F26K Sheenjek River, KLU Klutina, KLU Klutina, RIDG Independent R, RIDG Independent R, C27K Jago River, G26K Porcupine Rive, HARP HAARP, EYAK Cordova Ski Ar, SCRR Sand Creek, SCRK Sand Creek, J26L Joseph Creek, I26K Coal Creek Min, N25K Chitina, Valde, N25K Chitina, Valde, BMRM Bremer River, L26K Log Cabin Wild, E27K Coleen River, G27K Doyon Strip, D27M Malcolm River, H27K Steamboat Moun, I27K Kandik River, KAIM Kayak Island, M26K Nabesna, AK, M26K Nabesna, AK, K27K Chicken, VRDI Verde Repeater, VRDI Verde Repeater, EGAK Eagle, L27K Beaver Creek, L27K Beaver Creek, CRQE Cirque, BCAR Beaver Creek A, F28M Old Crow, E28M Babbage River, M27K Edge Creek, AK, M27K Edge Creek, AK, JHJ Hachijo jima 2, I28M Miner Creek, E29M Blow River, MESA MESA, CTG Chitna Glacier, H29M Whitestone, DAWY Dawson, G29M Pine Creek, YUK3 Moose Creek, I29M Ogilvie Camp, I29M Ogilvie Camp, J29N Klondike Camp, O28M Mount Upton, YUK8 Steele Glacier, EPYK Eagle Plains, G30M Aach, Zraii Nji, G30M Aach, Zraii Nji, PINM Pinnacle, F30M Barrier River, L29M L29M, L29M L29M, M29M Somme Creek, M29M Somme Creek, K29M Barlow Dome, KSRS Korea Array, I30M Mount Dempster, YUK4 Talbot Arm, J30M Hart River, PNL Peninsula, YUK6 Outpost Mounta, O29M Mount Kennedy, G31M Satl River, INK Inuvik, INK Inuvik, INK Inuvik, INK Inuvik, M30M Ninto, Yukon, F31M Tsiighechtic, H31M Peel River, N30M Aishikik Lake, HYT Haines Junctio, HYT Haines Junctio, P29M Windy Craggy, P29M Windy Craggy

3d 18h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CLL, OSTC, UPCS, WRA, etc.

2018 OCT

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like BRTR, CTI, KIRS, ALN, UOSS, WSAR, DZM, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ESAC, UCM, EADA, EGOR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PSAA00 Pilbara Seismi, KDU Kakadu, GIRL Giralia, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like G001 Chusmiza, G002 Chusmiza, G001 Mina Guanaco, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, KRSR Korea Array, etc.

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

IDC 03 19:05:30.1±1.7, 10.57Sx120.27E, h0km, mb3.8/5, mltmp3.7/8, ML3.5/3, Error ellipse: s-maj=133.2km s-min=21.7km az=54.0

IDC 03 19:05:34.9±0.9, 10.4AS:0.2x121.0E:0.3, h35km, n8, ±24/11, mb3.9/5, Savu Sea

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

IDC 03 19:10:04.7±1.5, 10.26Sx120.75E, h0km, mb3.7/5, mltmp3.7/8, ML3.4/3, Error ellipse: s-maj=121.8km s-min=21.6km az=55.0

IDC 03 19:10:09.1±0.9, 10.3AS:0.2x121.2E:0.3, h35km, n8, ±24/11, mb3.9/5, Savu Sea

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

Table with columns: CMAR, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Songino Array, Makanchi Array, etc.

IDC 03 19:17.1±1.8, 10.83N:13.89W, h0km, mltmp3.8/3, ML3.7/3, Error ellipse: s-maj=50.7km s-min=18.8km

IDC 03 19:16.4±1.5, 10.93N:0.2x13.8W:0.1, h10km, n6, ±23/8, Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBTS, DBIC, TORO, MDT, etc.

IDC 03 19:27:07.7±976.0, 54.35N:3.35E, h0km, Error ellipse: s-maj=459.4km s-min=147.1km az=124.0, North Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I26DE, I48TN, I31KZ, etc.

IDC 03 19:31:33.9±6.0, 5.66S:147.74E, h184km, 61km, mb2.7/1, mltmp3.5/3, MS3.5/1, Error ellipse: s-maj=121.4km s-min=52.4km az=121.0, Eastern New Guinea region

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

JMA 03 19:34:53.0±0.2, 24°N, 122°39'E, h50km, MV2.5/13, NEAR ISHIGAKIJIMA ISLAND

IDC 03 19:34:54.9±1.4, 23.69N:122.87E, h55km, ML3.1, D n69, ±1923/12, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like E0S4, YJNG, YOJ, etc.

IDC 03 19:34:54.9±1.4, 23.69N:122.87E, h55km, ML3.1, D n69, ±1923/12, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HATJ, E0S3, E0S2, etc.

IDC 03 19:42:08.4±0.8, 51.36N:158.33E, h55km, mb4.1/1, Error ellipse: s-maj=22.5km s-min=4.2km az=85.8

KRSC 03 19:42:08.1±0.9, 51.43N:158.43E, h43km, 11km, M4.5, Fell [I] at lighthouse Krugly.

IDC 03 19:42:14.5±3.9, 51.76N:158.02E, h93km, 27km, mb3.2/6, mltmp3.6/6, MS3.4/1, Error ellipse: s-maj=45.7km s-min=22.1km az=161.0

IDC 03 19:42:09.1±1.2, 51.42N:0.06:158.34E:0.07, h49km, 9km, n78, ±1949/87, mb3.6/6, 1C, Near east coast of Kamchatka Peninsula

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

Large table with columns: Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LATG, TWF1, TWE, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KRM R Karymshinskiy, SKR Severo-Kuril's, PET Petropavlovsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like H1N2 WAKE ISLAND Hy 32.34 165 T, H1N3 WAKE ISLAND Hy 32.35 165 T, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Warramunga Arr 14.69 175 Pn, ASAR Alice Springs 18.36 177 P, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WBSI Waikabubak, Su 1.44 323 P, MMRH Maumere 2.90 42 P, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PLAI Baumata, BATI Bati, SOEI Soe, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ROM 03 20:11.23.4:0.1,43:106N:0003:13:306E:0:004, h23km, ML2.5/42, 13C-3D, Error ellipse: s-maj=0.3km, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GUMA Gualdo di Mace, GUMA Guma, GUMA Guma, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DMDO Fiordimonte, DMDO Fiordimonte, DMDO Fiordimonte, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TRE1 Treia, MMO1 Montemonaco, MC2 Monte Cornacci, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like EL6 EL6, EL6 EL6, FIU1 Fiuminata, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NRCA NRCA, NRCA NRCA, NRCA NRCA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ROM 03 20:11.23.4:0.1,43:106N:0003:13:306E:0:004, h23km, ML2.5/42, 13C-3D, Error ellipse: s-maj=0.3km, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GUMA Gualdo di Mace, GUMA Guma, GUMA Guma, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DMDO Fiordimonte, DMDO Fiordimonte, DMDO Fiordimonte, etc.

3d 20h

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and various station details. Includes stations like Frontone, Monte Urbino, Pellescritta, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and various station details. Includes stations like Fiamignano, Pellescritta, Gran Sasso, etc.

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Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and various station details. Includes stations like Leonessa, Pietraquaria, Teramo, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and various station details. Includes stations like WBSI, WBSI, WBSI, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and various station details. Includes stations like PB18, AP01, GO01, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, and various station details. Includes stations like Nou, Mare, Pines Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MYKA Terra Mystica, ABTA Abfattersbach, WATA Walderalm, etc.

IDC 03 20:33:57.6:3.6:20.71S:169.16E, h0km, mb3.5/2, mbmp3.5/3, ML3.5/1, MS3.5/1, Error ellipse: s-maj=154.0km s-min=31.9km az=146.0

NOU 03 20:33:58.6:21.91S:169.46E, h0km, MLV3.2/8, Southeast of Loyalty Islands

ISC 03 20:33:55.1:1.3:21.7S:02.1697E:0.1, h10km, n16, o59.946, mb3.9/4.3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MARNC Mare, Loyalty, LIFNC LIFOU, YATNC Mamie plateau, etc.

IDC 03 20:34:00.6:7.5:20.53N:94.45E, h79km, 58km, mb3.5/3, mbmp3.7/4, ML3.7/1, Error ellipse: s-maj=129.9km s-min=24.0km az=59.0

BKK 03 20:34:14.5:0.7:20.1N:8.9E, h10km, M3.5/1.1, mb3.9/1.1, Mjma3.0/1.1, ML3.6/7, ML3.5/1.1

ISC 03 20:34:01.9:1.4:20.5N:02.944E:0.2, h100km, n11, o248/13, mb4.0/3, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MHMT Maesaring, CM13 Chiang Mai Arr, CM05 Chiang Mai Arr, etc.

UCR 03 20:37:27.3:0.6:9.26N:83.93W, h54km, 2km, MW3.5, CATAC 03 20:37:28.0:0.4:9.32N:83.84W, h28km, 4km, ML3.6

ISC 03 20:37:28.1:1.5:9.26N:0.05:83.89W:0.05, h46km, 9km, n36, o557/57, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZELE Perez Zeledon, OCHAL Ojochal, LLNJ Naranjito, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPLA Las Palmas La, LPLA LPLA, EDAD Golfito, etc.

NEIC 03 21:02:31.2:1.4:43.73N:0.06:105.27W:0.06, h0km, 1km, ML3.3/52, Error ellipse: s-maj=10.0km s-min=7.3km az=6.0

IDC 03 21:02:33.9:1.4:44.18N:105.89W, h0km, mb4.1/3, mbmp3.9/6, ML3.9/6, Error ellipse: s-maj=59.3km s-min=7.7km az=145.0

ISC 03 21:02:32.0:0.9:43.71N:0.06:105.33W:0.06, h0km, n44, o149/44, mb4.4/3, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, LAO LASA Array, etc.

IDC 03 21:05:41.7:7.1:18.76S:168.99E, h260km, 74km, mb3.4/3, mbmp3.9/4, Error ellipse: s-maj=142.8km s-min=55.1km az=163.0, Vanuatu Islands

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

IDC 03 21:10:04.5:0.7:56.13S:26.81W, h0km, mb4.2/4, mbmp4.1/5, ML3.7/1, MS3.2/4, Error ellipse: s-maj=37.2km s-min=21.3km az=70.0

NEIC 03 21:10:14.1:1.1:56.32S:0.09:27.1W:0.3, h68km, 8km, mb4.5/12, Error ellipse: s-maj=26.3km s-min=4.0km az=61.0

ISC 03 21:10:12.6:0.5:56.2S:0.1x26.9W:0.1, h63km, n106, o653/99, mb4.5/8, SC, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNAA Sanae, PMSA Palmer Station, TROLL Troll, BELA Belgrado, etc.

3d 21h

Table with columns: SONM, Songino Array, 150.60 87, PKPbc, PKPbc, 21 29 56.2 -0.3, etc.

WEL 03 21:19:36.0, 6.44 S, 3.36 E, h5km, M3.4/0, ML3.6/11, MLV3.4/10, Error ellipse: s-maj=0.40m, s-min=0.0km az=133.6, confirmed, South Island

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

IDC 03 21:22:47.7, 9.6, 20.555 S, 178.40W, h442km, 65km, mb3.0/2, mbtmp3.8/3, Error ellipse: s-maj=191.3km, s-min=38.1km az=144.0, Fiji Islands region

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

JMA 03 21:33:42.0, 0.3, 43.5 N, 10.8, 14.7 E, h41km, MV3.5/31, E OFF HOKKAIDO

SKHL 03 21:33:42.0, 0.3, 43.5 N, 10.8, 14.7 E, h41km, mb4.6/4, ISL 03 21:33:42.2, 0.2, 43.57 N, 10.14, 147.23 E, 0.10, h47km, 18km, n16, c0.67/27, Kuril Islands

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

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Table with columns: JAR, Ashorobuto, 2.53 265, eP, Pn, 21 34 21.3 +0.5, etc.

UPA 03 21:36:27.5, 2.1, 6.72N, 78.68W, h28km, 43km, M3.6, ML3.7, MW4.2, 2D, South of Panama

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

IDC 03 21:44:13.3, 0.8, 7.27N, 126.11E, h0km, mb4.0/12, mbtmp4.0/12, MS3.8/12, Error ellipse: s-maj=47.3km, s-min=13.9km az=69.0

NEIC 03 21:44:20.5, 2.0, 7.08N, 0.09, 125.84E, 0.09, h35km, 2km, mb4.5/19, Error ellipse: s-maj=17.2km, s-min=13.0km, az=221.0

DJA 03 21:44:23.2, 4.2, 3.7 N, 19.12 E, h98km, 45km, M4.5/7, mb4.9/5, mb4.6/7, MLV4.6/6, Mw(MB)4.2/5

ISC 03 21:44:20.6, 1.1, 7.09N, 0.08, 125.8E, 0.1, h46km, 9km, n55, c0.96/47, mb4.2/21, MS3.7/10, Mindanao

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

WBO Warramunga Arr 28.00 163 P P 21 50 06.5 -0.9

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

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comp=Z,37nm,18.9s,baz=64,slow=37 NOA NORSAR Array B 95.39 334 LR LR 22 43 38.5

GII 03 21:47:12.4, 0.5, 35.08N, 33.92E, h40km, Md3.1/5, Mw3.0/9, confirmed

NIC 03 21:47:13.5, 35.02N, 33.85E, h54km, 1km, M2.9/10, ISK 03 21:47:13.0, 35.11N, 33.82E, h51km, 1km, M3.1/22

AFAD 03 21:47:14.0, 0.0, 35.27N, 34.04E, h40km, 1km, MW3.4, GRAL 03 21:47:15.4, 0.2, 34.96N, 34.10E, h17km, 57km, MD3.4

ISC 03 21:47:12.2, 35.07N, 0.02, 33.91E, 0.03, h58km, 5km, n112, c0.98/142, 10C-2D, Cyprus region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MM1C1, MMB1B, RHHAN, etc.

NEIC 03 21:49:45.6 1.6, 5.33N:0.08:95.12E:0.10, h90km, 11km, mb4.0/8, Error ellipse: s-maj=15.1km s-min=10.4km

DJA 03 21:49:49.2 1.0, 5.27N:4.95E:1.0, h121km, 9km, M4, 3/7, mb4.5/4, mB5.0/1, MLV4.1/7, MW(mB)4.3/1

ISC 03 21:49:50.2 5.0, 5.27N:94.31E, h146km, 4km, mb3.3/8, mbmt3.8/10, MS3.7/1, Error ellipse: s-maj=44.1km s-min=15.1km az=53.0

ISC 03 21:49:46.9 1.0, 5.27N:0.06:95.19E:0.09, h100km, n41, @147/26, mb3.8/10, Northern Sumatara

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

M, mb3.6/12, Error ellipse: s-maj=9.4km s-min=5.1km az=126.0, IDC 03 21:53:50.0 1.1, 33.00N:0.26W, h0km, mb3.8/5, mbmt3.7/9, ML3.4/4, Error ellipse: s-maj=21.3km s-min=14.4km az=159.0

CNRM 03 21:54:02.4, 32.91N:0.16W, h70km, ML4.0, CRAAG 03 21:54:17.7, 33.98N:0.38E, M14.0, Algeria 28km SE

Bougoubou ISC 03 21:54:01.4 0.8, 32.99N:0.04:0.14W:0.04, h10km, n81, @23/97, mb3.6/3, 10C, Northern Algeria

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

ABRIN Birine 3.77 45 P Pn 21 55 02.6 +2.9

EMUR La Murta 4.92 350 Pn Pn 21 55 13.2 +2.3

EMUR 117nm, SNR=2.2

EMUR Presa de Quent 5.00 328 Pn Pn 21 55 17.1 +0.5

EMUR Zaradilla de 5.04 346 Pn Pn 21 55 16.3 +0.8

EMUR 152nm, SNR=1.9

EGOR ZHG 5.47 277 S S 21 55 21.4 +1.6

EGOR ZHG 5.47 277 S S 21 55 21.4 +1.6

EGOR ZHG 5.47 277 S S 21 55 21.4 +1.6

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EGOR ZHG 5.47 277 S S 21 55 21.4 +1.6

EGOR ZHG 5.47 277 S S 21 55 21.4 +1.6

NEIC 03 21:55:11.7 1.8, 5.7:12N:0.08:161.8E:0.2, h7km, 5km, mb4.5/11, Error ellipse: s-maj=16.9km s-min=11.7km az=93.0

ISC 03 21:55:08.6 1.4, 5.679N:0.03:162.04E:0.03, h3km, 9km, n117, @183/132, mb4.1/22, Near east coast of Kamchatka Peninsula

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

MDD 03 21:53:58.1 0.9, 32.87N:0.12E, h0km, Mb4.2/12

IDC 03 21:55:07.8 0.8, 5.6:81N:162.12E, h0km, mb3.8/16, mbmt3.8/19, ML3.2/3, MS3.4/2, Error ellipse: s-maj=20.5km s-min=16.9km az=153.0

KRSC 03 21:55:07.9 1.2, 5.6:82N:162.12E, h8km, 12km, M14.3, MOS 03 21:55:08.2 1.0, 5.6:88N:162.05E, h9km, mb4.0/1, Error ellipse: s-maj=11.9km s-min=4.1km az=70.6

3d 23h

Table of satellite passes for 3d 23h, listing stations like KURK, KURKB, BVAR, etc., with columns for station name, time, and other parameters.

IDD 03 22:11:20.1±0.9, 20°11'N; 122°41'E, h0km, mb3.8/10, mbmp3.8/10, MS3.5/9, Error ellipse: s-maj=33.3km s-min=17.5km az=66.0

JMA 03 22:11:24.0±0.7, 21°N; 3°12'E, h0km, MV4.5/11, PHILIPPINE ISL REGION

NEIC 03 22:11:24.6±1.8, 20°26'N; 0°09'122°0E±0.1, h10km, 1km, mb4.2/14, Error ellipse: s-maj=17.5km s-min=15.6km az=95.0

ISC 03 22:11:23.5±0.9, 20°28'N; 0°09'122°16E±0.09, h10km, n62, ±135/53, mb4.0/17, MS3.4/8, Philippine Islands region

Main table of satellite passes for 3d 23h, listing stations like TWGBT, TWG, YULB, etc., with columns for station name, time, and other parameters.

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Main table of satellite passes for 2018 OCT, listing stations like AAK, KURKB, BVAR, etc., with columns for station name, time, and other parameters.

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Main table of satellite passes for 198, listing stations like UCH, EK2S, KK31, etc., with columns for station name, time, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KBZ Khabaz, HFS Hagfors, NB2 NORSAR Subarra, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DJA 03:23:19:28.0,0.9,4.5, etc.

IDD 03:23:23.14.2.2, 24.02S:67.05W, h161km, 45km, mb3.1/3, mbmp3.7/5, Error ellipse: s-maj=41.2km s-min=26.9km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LVC Limon Verde, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like AC01 Pan de Azucar, GO03 Copiapo, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, TORD Torodi Ar. Bea, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, TEH 03:23:50:08.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like IBND Bandar-abas, GENO KHNU, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NGRM Negar Kerman, KBAM BAI, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ASUD Ashush, Dub, KRMB Kerman, etc.

SNET 03:23:51:14.3.1.5, 15.76N:91.12W, h18km, 236km, ML4.1

NEIC 03:23:51:17.3.2.2, 15.27N:0.04:90.97W:0.01, h10km, 1km, mb4.0/20, Error ellipse: s-maj=6.3km s-min=3.0km az=179.0

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SOKI Kika Raqxuin, GUMI Mixco, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like STG3 Santiago 3, FUG FUG, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TX31 Lajitas Ar. S, Y49A Blount Mountai, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like FPAL Fort Payne, LPIG La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like W35A Tecumseh, W35A Tecumseh, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WMOK Wichita Mounta, LCAR Lake Charles, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SDV Santo Domingo, TKL Tuckaleechee C, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SADO Sadova, NVAR Mina Array Bea, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like FRB Frobrisher Bay, SFJD Kangerlussuaq, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JMJC Jan Mayen, EKA Eskdalemuir Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, SPITS Spitsbergen Ar, etc.

Table with columns: STATION, NAME, COMP, TIME, TYPE, DATE, TIME, TYPE. Includes stations like SNA, PMSA, TROLL, etc.

Table with columns: STATION, NAME, COMP, TIME, TYPE, DATE, TIME, TYPE. Includes stations like BBS, WIN, WIN, etc.

Table with columns: STATION, NAME, COMP, TIME, TYPE, DATE, TIME, TYPE. Includes stations like TAU, TCW, MRNZ, etc.

Table with columns: Name, Frequency, Mode, Band, Power, etc. Includes stations like HUEH Huehuetenango, SOKI Kika Raxquin, GUMI Mixco, etc.

Table with columns: Name, Frequency, Mode, Band, Power, etc. Includes stations like PLAL Pickwick Lake, LPIG La Paz, BAUV El Baul, etc.

Table with columns: Name, Frequency, Mode, Band, Power, etc. Includes stations like WNVZ Wahianoa, MOVZ Moawhango, TLZ Tolley Road, etc.

2018 OCT

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like E18K, F18K, L17K, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like M19K, B20K, N19K, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like E23K, NEA2, NEA2, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like RIDG Independent Ri, MAJO Matsushiro, and various other locations.

2018 OCT

Table with columns for station ID, name, coordinates, and status. Includes stations like L29M L29M, M29M Somme Creek, and various other locations.

4d 3h

Table with columns for station ID, name, coordinates, and status. Includes stations like SIT Sitka, DL2 Dalian, and various other locations.

4d 3h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ZALV, GTA, SPITS, SPB2, LZH, GUMO, NEEM, EDM, BO8A, TPUB, HOOD, NEW, ZSN, DAG, J05D, L04D, YBH, F10A, KURK, PZH, LAO, LOHW, KURBB, BMO, MK31, MKAR, O02D, MAKZ, MSO, J08A, GULLI, OVMT, GOMU, GOMU, GOMU, BPMT, WYOR, LYMT, BVAR, BVAR, SZP, MFD, SUMG.

2018 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like SUMG, AFDM, ARCES, PAHR, BRZS, SVE, YERR, CMB, YHL, WAKR, YMR, KVN, RLMT, FLWY, IMW, ELK, NVAR, LHV, NV11, ARTI, SHLS, OMMB, TPAW, PZH, LAO, LOHW, KURBB, BMO, MK31, MKAR, O02D, MAKZ, MSO, J08A, GULLI, OVMT, GOMU, GOMU, GOMU, BPMT, WYOR, LYMT, BVAR, BVAR, SZP, MFD, SUMG.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like TNS, KIROV, KIRV, DUG, SPR3, SFJD, SFJZ, QIZ, QIZ, QIZ, ISA, ISA, ISA, S11A, S11A, WCT, TPNV, TPNV, PSUT, PSUT, ULM, ULM, PRN, PRN, GWY, GWY, DY2G, DY2G, AAK, AAK, AAK, AAK, JOF, GSC, GSC, GSC, TMUT, TMUT, NRN, NRN, NRN, NRN, SLVN, SLVN, SLVN, MVU, RSD, RSD, RSD, CCUT, CCUT, SRU, SRU, SRU, SRU, LCM, LCM, PKCU, PKCU, O20A, O20A, HMU, DZA, DZA, PFO, PFO, KSH, KSH, KSH, KSH, N23A, N23A, KKAR, KKAR, AKTO, AKTO, VAF, VAF, ABKAR, ABKAR, BRLS, BRLS, BRLS, FINES, FINES, FINES, IUG, IUG, IUG, IUG, ISCO, ISCO, NONG, NONG, SHL, SHL, SHL, SHL, S22A, S22A, S22A.

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Table with columns: ICAO, Airport Name, Elevation, Dimensions, Category, and various performance metrics (e.g., 04 17 46.7, 03 51 34.6, etc.).

2018 OCT

Table with columns: ICAO, Airport Name, Elevation, Dimensions, Category, and various performance metrics (e.g., 65.63 222, 65.63 222, etc.).

4d 3h

Table with columns: ICAO, Airport Name, Elevation, Dimensions, Category, and various performance metrics (e.g., 69.99 336, 69.99 336, etc.).

Table of astronomical observations for 2018 OCT, including stations like ETSF, JRN, FITZ, and various celestial objects with their coordinates and magnitudes.

Table of astronomical observations for 2018 OCT, including stations like BDQN, IPMB, AMBA, and various celestial objects with their coordinates and magnitudes.

NEIC 04 03:46:56.0 ± 0.18 99.01 ± 0.64 0.05W ± 0.06, h35km, 25km, M2.6/24, M03.6/12(RSPR), Error ellipse: s-maj=2.7km s-min=6.2km az=15.0

Table of astronomical observations for 2018 OCT, including stations like SMRT, SKI, SKO, and various celestial objects with their coordinates and magnitudes.

IDC 04 03:55:14.7 ± 0.6, 36°20'S ± 52°52'E, h0km, mb4.3/13, mbmp4.3/13, MS3.5/9, Error ellipse: s-maj=30.5km s-min=16.8km az=24.0

Table of astronomical observations for 2018 OCT, including stations like H04N1, H04N2, H04N3, and various celestial objects with their coordinates and magnitudes.

Table of astronomical observations for 2018 OCT, including stations like BOSA, LBTB, SUR, MAW, TSMU, and various celestial objects with their coordinates and magnitudes.

IDC 04 04:08:53.3 ± 0.8, 10°39'S ± 120°46'E, h0km, mb4.3/9, mbmp4.3/12, ML4.4/3, MS3.3/2, Error ellipse: s-maj=43.7km s-min=18.5km az=65.0

Table of astronomical observations for 2018 OCT, including stations like WBSI, MMRI, PLAI, and various celestial objects with their coordinates and magnitudes.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Tasmania Unive, Nuku Hiva Isla, Stephens Creek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOEI Soe, TNTI Ternate, MBWA Marble Bar, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MJB9 Matsu-Tunnel, GRSJ Gresik, PWJI Pagerwojo, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like LWLI Liwa, PMPB Monarch Peak, USA0B Ussuriysk Arra, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like QIZ Qiongzong, PAHR Pah Rah Range, NVAR Mina Array Ba, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like WVOR Wild Horse Val, G05A Wamic, GULI Guilin, etc.

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Table with columns: Station, Name, Time, Status, and other data. Includes stations like MESA, SCM, S31K, etc.

Table with columns: Station, Name, Time, Status, and other data. Includes stations like PAX, TMUT, P30M, etc.

Table with columns: Station, Name, Time, Status, and other data. Includes stations like M29M, POKR, J25K, etc.

4d 4h

Table with 4 columns: Name, Value, Status, and other details. Includes entries like PANC, TPGR, ONER, BEIL, IWEX, etc.

2018 OCT

Table with 4 columns: Name, Value, Status, and other details. Includes entries like STFAR, PCAB, SRBC, PICO, ROSAI, etc.

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Table with 4 columns: Name, Value, Status, and other details. Includes entries like OBKA, OBKA, GRR, RETA, RETA, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like frequency and power.

Table with columns: STKA, Stephens Creek, 38.32 241, P, I, Amb, P, 05 13 55.3 +0.9, 05 13 56.0, and other station details.

Table with columns: SNAA, Snaae, 90.41 179, P, P, 05 19 22.4 -0.4, and other station details.

IDC 04 04:24:00.9, 3.9, 18.415x175.44W, h0km, mb4.1/3, s-bmint=35.6km az=159.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters.

Table with columns: WRA, Warramunga Arr, 43.2 260, P, P, 04 32 36.7 -0.1, and other station details.

IGIL 04 05:17:31.4, 36.33N-2.78W, h2km, ML2.4 MDD 04 05:17:31.0, 36.33N-2.78W, h3km, 2km, mb_Lg3.3/3, Error ellipse: s-maj=2.4km s-min=1.8km az=121.0 SFS 04 05:17:31.7, 36.36N-2.77W, h18km, ML3.5/23, MLV3.4/23

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters.

4d 7h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WAKE ISLAND, WARRAMUNGA ARR, KARATAY ARRAY, etc.

IDC 04 06:28.19.7z.1.1.29.70N:88.09E, h0km, mb3.8/6, mbmp3.8/7, ML3.2/1, MS3.3/4, Error ellipse: s-maj=39.5km s-min=20.8km az=60.0

ISC 04 06:28.25.1z.1.2.29.8N:02.88E:0.2, h35km, n11, az=67.2, mb3.8/6, MS3.2/4, Xizang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MAKANCHI ARRAY, KURCHATOV ARR, SONMINGO ARRAY, etc.

IDC 04 06:37.03.9z.4.0.5.28S:143.89E, h57km, mb3.8/9, mbmp4.1/11, ML3.2/2, MS3.5/4, Error ellipse: s-maj=31.5km s-min=22.3km az=80.0

ISC 04 06:37.03.2z.0.8.5.35S:0.1:143.8E:0.2, h50km, n13, az=95.6/12, mb4.0/8, MS3.5/4, New Guinea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PORT MORESBY, WARRAMUNGA ARR, ALICE SPRINGS, etc.

RSNC 04 07:06:10.0z.0.4.4N:17.8W:z, h32km, 11km, M2.8, mb4.0, ML2.7, South of Panama

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BAHIA MALAGA, GORGONA ISLA, JAMUNDI VALLE, etc.

2018 OCT

Table with columns: S, O, L, C, P, N, Az, Phase, ID, Time, Res. Includes stations like BAHIA SOLANO, LA CRUZ, SANTA ANA, etc.

ROM 04 07:07:17.3z.0.2.39.54N:0.01x:15.21E:0.03, h357km, 1km, ML3.2/25, Error ellipse: s-maj=2.5km s-min=1.0km az=105.0

IDC 04 07:07:22.5z.2.8.39.84N:14.80E, h368km, 66km, mb3.2/1, mbmp3.9/7, Error ellipse: s-maj=45.9km s-min=27.8km az=20.0

ISC 04 07:07:20.0z.0.8.39.61N:0.09:15.04E:0.09, h340km, 8km, n35, az=69.1/46, 3D, Southern Italy

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BULGHERIA-CA, GRISOLIA, MORIGERATI, etc.

CUC CASTROCCO 0.71 57 P Pn 07 08 04.0 +0.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CET2, MGR, CUC, etc.

MOS 04 07:08:15.8z.0.9.36.92N:71.70E, h128km, mb4.0/8, Error ellipse: s-maj=10.0km s-min=4.4km az=79.5

IDC 04 07:08:16.9z.1.0.36.81N:71.77E, h135km, 6km, mb3.6/7, mbmp4.2/11, Error ellipse: s-maj=20.2km s-min=17.0km az=46.0

NEIC 04 07:08:17.2z.2.1.3.36.96N:0.07:71.60E:0.10, h128km, gkm, mb4.3/6, Error ellipse: s-maj=11.6km s-min=9.5km az=70.0

NNC 04 07:08:19.6z.1.6.37.27N:71.40E, h192km, 22km, mb3.8, mpv5.0, Error ellipse: s-maj=15.9km s-min=9.4km az=26.0

ISC 04 07:08:14.1z.0.5.36.81N:0.04:71.60E:0.05, h106km, n125, az=251/139, mb4.0/14, 10C-12D, Afghanistan-Tajikistan border region

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

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SPEZZANO DELLA CELICO, VULCANO GROTTA GIRIFALCO, MILAZZO, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Almayashu, Naryn, DHRM, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR, Alice Springs, Warramunga Arr, etc.

4d 7h

2018 OCT

Table with 20 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, and various station identifiers. Contains data for stations across North America and the Caribbean, including ATKA, KOPF, GSMY, ADK, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, and other technical parameters. Includes stations like Vila Bisbo, Badajoz, Sao Teotonio, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, and other technical parameters. Includes stations like ETSF Etsaut, ESPARROS, SABA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, and other technical parameters. Includes stations like H05N1, MAGL, IDE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BRDY Brady, WMOK Wichita Mounta, SCHQ Schefferville, MNHN Monahans, TXAR Lajitas Array, etc.

SNET 04 08:01:04.7+0.9, 15.57N:91.03W, h20km, 625km, ML3.3
CATAC 04 08:01:06.1+0.3, 15.33N:90.99W, h4km, 4km, ML3.5
GCG 04 08:01:06.4+0.6, 15.24N:90.99W, h60km, MD3.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like QUIS Sacapulas, HUEH Huehuetenango, SOKI Kika Raxquin, GUMI Mixco, etc.

IDC 04 08:04:47.6+2.8, 54.05N:86.45E, h0km, mbtmp2 9.7,
ML2.7/2, Error ellipse: s-maj=22.5km s-min=13.7km
az=50.0, Southwest Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 04 08:06:19.9+1.2, 59.78S:26.28W, h0km, mb3.9, 5,
mbtmp4.0/6, ML4.7/1, Error ellipse: s-maj=37.9km
s-min=24.4km az=65.0

NEIC 04 08:06:21.3+1.8, 59.85S:0.04:26.3W:0.3, h10km, 1km,
mb4.6/22, Error ellipse: s-maj=23.4km s-min=6.1km
az=80.0

ISC 04 08:06:21.2+0.7, 59.85S:1.0:26.3W:0.1, h10km, n38,
+086/34, mb4.6/11, 9C-1D, South Sandwich Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

IDC 04 08:20:48.2+0.9, 31.06N:131.05E, h0km, mb4.1/13,
mbtmp4.1/15, ML2.9/2, MS3.9/45, Error ellipse:
s-maj=30.1km s-min=16.6km az=74.0

MOS 04 08:20:51.0+0.8, 31.08N:131.43E, h36km, mb4.6/16, Error
ellipse: s-maj=13.1km s-min=7.7km az=110.3

NIED 04 08:20:52.9, 31.09N:131.50E, h30km, MW4.5, Moment
Tensor Solution, s3 Moment tensor: Scale 1015N;
Mn:3.85; Mw:0.78; Ms:3.07; Mo:2.35; Mw:1.57; Mw:3.15;

Fault plane solution: Mw:5.1000x1015 NP:1.34, 0.00000",
8.0, 0.00000", 1.95, 0.00000". NP2:200.00000", 823.00000",
1.77, 0.00000"

JMA 04 08:20:52.9+0.1, 31.11N:0.3:131.5E:0.6, h30km, 1km,
MD4.3/40, MV4.4/40, SE OFF OSUMI PEN

JMA Felt II J1 at SE OFF OSUMI PEN
NEIC 04 08:20:53.1+1.6, 31.09N:0.05:131.47E:0.08, h35km, 2km,
mb4.6/16, Error ellipse: s-maj=13.1km s-min=7.1km
az=118.0

ISC 04 08:20:52.9+0.5, 31.12N:0.04:131.47E:0.05, h39km, 3km,
n141, s1446/96, mb4.3/29, MS4.1/43, 8C-15D, Kyushu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JNAR Kushima-Naru, JTSR Tashiro 2, JNKG Nichinankitago, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JKIT Kitakata, JIUS Izumi, JSJ Shimokoshi, JHD Hondo, etc.

Table with columns: SIMJ, Station Name, Time, Res, and various codes. Includes stations like Simiganj, Pallekete, Timber Creek, etc.

ISC 04 08:22:08.1.6, 43°15'N, 138°45'E, h250km, 19km, mb2.9/2, mbtmp3.4/4, Error ellipse: s-maj=36.3km s-min=24.6km az=155.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Okushiri-Mats, Oshimamatsumae, etc.

Table with columns: JAR, Station Name, Time, Res, and various codes. Includes stations like Ashorobuto, Abashiri-Toko, etc.

FUNV 04 08:52:03.3, 10°47'N, 62°54'W, h20km, MW3.6, ISC 04 08:52:01.5, 2.4, 10°51'N, 62°57'W, 0.09, n105km, 33km, n10, r132/17, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Pointe-a-Pierre, Trinidad (W), etc.

IDC 04 09:20:16.5, 0.2, 2°97'S, 130°14'E, h0km, mb4.4/9, mbtmp4.5/12, M-L4, MS3.4/3, Error ellipse: s-maj=37.7km s-min=14.6km az=76.0

NEIC 04 09:20:09.2, 3.3, 0°06'S, 129°94'E, 0.06, h28km, 6km, mb4.7/27, Error ellipse: s-maj=10.4km s-min=8.5km az=208.0

DJA 04 09:20:21.9, 0.2, 3°S, 2°13'0E, h47km, 6km, M4.7/13, mb5.5/3, mb4.9/10, MLV4.6/13, Mw(MB)5.0/3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like Masahi, Bandoanaira, etc.

WBSI Waikabubak, Su 12.41 237 P P 09 23 25.6 -0.9, KNRA Kununurra 12.68 185 Pn P 09 23 17.4 -1.6, MYLMD Lahad Datu 14.02 305 Pn P 09 23 40.1 -4.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like COEN, WBO, WRAB, etc.

ASAR Alice Springs 20.92 170 P Pn 09 25 01.4 -1.7, ASAR Alice Springs 20.92 170 P Pn 09 25 01.4 -1.7, PSAO Pilbara Seismi 20.94 207 P Pn 09 24 59.5 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like FORT, MORW, BBOO, etc.

Table with columns: ULN, Station Name, Time, Res, and various codes. Includes stations like Ulanbaatar, Songino Array, etc.

SSNC 04 09:30:06.3, 0.9, 19°49'N, 73°72'W, h14km, 10km, ML2.2, Haiti region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like MASC, QMBU, etc.

IDC 04 09:47:27.7, 1.4, 18°16'S, 177°92'W, h605km, 17km, mb3.5/14, mbtmp4.4/16, Error ellipse: s-maj=16.3km s-min=13.3km az=111.0

NEIC 04 09:47:27.7, 1.5, 18°25'0.1'S, 177°9'0.1'W, h604km, 8km, mb4.4/29, Error ellipse: s-maj=18.2km s-min=15.8km az=175.0

ISC 04 09:47:26.5, 0.5, 18°16'S, 0°09', 177°91'W, 0°08, h590km, n61, r150/63, mb4.3/30, SCF, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like FUTU, MSVF, AFI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kununurra, Fitzroy Crossi, Pilbara Seismi, etc.

CATAC 04 10:01:04.4-0.6, 12.93N, 90.01W, h10km, 4km, ML3.7
SNET 04 10:01:05.6-1.2, 12.95N, 89.97W, h19km, 4km, ML3.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Lalai, SBL, NUBE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PAVA Las Pavas, SNVI San Vicente, etc.

NEIC 04 10:04:11.2-0.9, 53.83N, 0.07-163.94W, 0.09, h37km, 90km, Error ellipse: s-maj=12.2km s-min=6.2km az=152.0

AEIC 04 10:04:11.1-1.0, 7.5388N, 0.03-163.99W, 0.08, h41km, 104km, ML2.7, ML3.2/6(NEIC), Error ellipse: s-maj=7.8km s-min=2.3km az=118.0, Unimak Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WESE West Dahl East, WESE Westdahl Cape, etc.

IDC 04 10:12:32.4-4.1, 17.66S, 179.68W, h666km, 27km, mb2.9/5, mbmt3.4/0.6, Error ellipse: s-maj=127.1km s-min=30.8km az=26.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MSVF Nonavsu, STKA Stephens Creek, etc.

IDC 04 10:21:00.8-7.5, 18.00N, 145.63E, h0km, mb3.5/4, mbmt3.5/4, Error ellipse: s-maj=289.3km s-min=25.8km az=79.0, Mariana Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, QSPA South Pole Qui, etc.

DJA 04 10:50:01.7-0.4, 0.5S, 4.12E, h10km, M4.0/7, mb4.5/1, MLV3.87, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like APSI Ampana, SGKI Sangatta, Kali, etc.

ISC 04 10:50:42.1-1.1, 45.20N, 0.03-15.06E, 0.04, h10km, 12km, n14, c053/21, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BOJS Bojanci, GBRIS Gornja Briga, etc.

RSNC 04 11:07:06.3-0.0, 4N, 176W, h146km, 2km, M2.6, mb3.7, ML2.4, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YOTC Yotoco, Valle, ANIL Santa Ana, etc.

IDC 04 11:29:15.5-2.3, 10.45S, 120.44E, h0km, mb3.5/1, mbmt3.7/4, ML3.8/3, Error ellipse: s-maj=179.9km s-min=27.8km az=53.0, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAPI Kappang, FITZ Fitzroy Crossi, etc.

JMA 04 11:40:16.3:0.2,40.5N,0.8,-14.5E, h61km, MV3.8/34, FAR E OFF THE HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like JEM Erimo, JTHR Tokachihiroo, JTH Tanohata, etc.

IDC 04 11:46:59.7:3.8,26.39S:67.83E, h0km, mb4.0/5, mbtmp3.7/5, ML3.3/2, Error ellipse: s-maj=144.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

IDC 04 11:55:40.7:44.0, 17.78S:177.93W, h616km, 59km, mb3.1/3, mbtmp4.1/4, Error ellipse: s-maj=822.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like MSVF Nonsavu, STKA Stephens Creek, etc.

IDC 04 12:04:18.5:2.2, 28.68S:177.68W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=46.1km s-min=20.9km

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

IDC 04 12:34:22.6:2.2, 10.41S:120.37E, h0km, mb3.6/2, mbtmp3.7/5, ML3.7/3, Error ellipse: s-maj=181.9km

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

IDC 04 12:40:00.9:6.2, 30.24S:178.19W, h88km, 45km, mb3.3/2, mbtmp3.6/2, Error ellipse: s-maj=114.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like RAO Raoul Island.

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

FINES FINES Array B 144.94,340 PKP PKPbc 12 59 26.4 0.0

AEIC 04 12:44:47.6: 1.8, 65.59N:0.05:166.75W:0.04, h10km, 5km, ML3.7, ML3.9/5B(NEIC), Mw3.6/19(SLM), Error ellipse: s-maj=7.1km s-min=1.9km az=164.0

NEIC 04 12:44:48.1: 1.9, 65.55N:0.03:166.74W:0.1, h7km, 6km, Error ellipse: s-maj=6.7km s-min=2.8km az=117.0

IDC 04 12:44:49.6: 1.1, 65.89N:167.26W, h0km, mb3.7/7, mbtmp3.7/9, ML3.3/2, MS3.2/2, Error ellipse: s-maj=39.1km s-min=13.7km az=22.0

NEIC 04 12:44:55.65:26N:165.84W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr-0.65; Mss-1.73; Mss-1.08; Mrr-1.24; Mss-1.60; Mrr-0.84; Fault plane solution: M=2.66000x10^14 NP1:0.335, 0.00000, 0.55, 0.0000, -1.5, 0.00000; NP2:0.74, 0.00000, 0.78, 0.00000, 1.44, 0.00000; Principal axes: T 2.6623, P1g15.00000, Azm90.00000; N -0.0009, P1g52.00000, Azm90.00000; P 2.6614, P1g34.00000, Azm300.00000

ISC 04 12:44:48.0: 1.0, 65.57N:0.04:166.76W:0.02, h8km, 7km, n162, e087/1567, mb3.9/7, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like F14K Arctic Creek, TNA Tin City, F15K North Star Dit, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like K15K Wolf Creek Mou, E19K Redstone River, B18K Kokoihi, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPH, MZP, TUO, PKCU, Q09A, etc.

IDC 04 13:08:06.6:19.0,28:08S.67.29E,h0km,mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=674.9km s-min=49.7km az=48.0, Indian Ocean Triple Junction

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

AEIC 04 13:12:56.4:2.3,69:41N:0:01:144:15W:0:04,h4km,3km, ML4.0,mb4.2(NEIC),ML4.1(106(NEIC),Mw4.0(30(NEIC)), Error ellipse: s-maj=2.3km s-min=0.7km az=48.0

IDC 04 13:12:57.5:0.9,69:60N:143:88W,h0km,mb3.7/6, mbmp3.8/11,ML3.8/5,MS3.2/8, Error ellipse: s-maj=21.0km s-min=13.7km az=52.0

NEIC 04 13:12:57.8,69:54N:144:09W,h6km NEIC 04 13:12:58.2:1.7,69:52N:0:02:144:11W:0:01,h10km,1km, Error ellipse: s-maj=4.1km s-min=2.4km az=1.0, Moment Tensor Solution - Moment tensor: Scale 10^11 Nm

M=0.33; Mw=0.76; Mw1.09; Mo=0.16; Ms=0.56; Ms0.10; Fault plane solution: M=1.13000x10^15 Np1: q=209.20000°, 878.20000°, -4.67000°, NP2=300.16000°, 385.43000°, -168.16000°. Principal axes: T 1.2589, Plg5.0000°, Azm74.0000°; N -0.3205, Plg77.0000°, Azm321.0000°; P -0.9384, Plg12.0000°, Azm11.0000°

ISC 04 13:12:56.8:1.1,69:51N:0:03:144:13W:0:02,h1km,2gkm, n263,σ190/283,mb3.9/6,MS3.3/6,Northern Alaska

Main table for station 231 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like C27K, D25K, D27M, etc.

Main table for station 2018 OCT with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E24K, C23K, F24K, etc.

Main table for station 4d 13h with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like F31M, I28M, G31M, etc.

Table with columns: CHUM, Lake Minchumir, 6.51 214, Pn, 13 14 34.5 +0.9, etc. Lists various station data including names like Beaver Creek, KTH Kantishna Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station data for Indian Ocean Triple Junction, including stations like Diego Garcia, Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station data for Indian Ocean Triple Junction, including stations like Warramunga Arr, ASAR Alice Springs, etc.

ISC 04 13:20:00.0±14.0, 25.615N:68.79E, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=496.3km s-min=45.3km az=49.0, Indian Ocean Triple Junction

ISC 04 13:20:59.0±1.8, 1.35N:126.63E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=181.8km s-min=21.1km az=66.0, Northern Molucca Sea

ISC 04 13:20:13.2±0.8, 19.27N:96.05E, h0km, mb4.1/14, mbtmp4.1/14, MS3.5/2, Error ellipse: s-maj=51.7km s-min=16.9km az=55.0

PGC 04 13:40:47.0-18.0,50.83N-130.58W,h10km,ML5n3.1/19, Mw3.7/19,Mw3.7/19,223km west of Pt. Hardy, BC Vancouver Island, Canada Region,Vancouver Island region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like JEDB Jedway, Haida, HOLB Holberg, BNB Barry Inlet, etc.

DJA 04 13:57:21.6-0.5,2°N,5°12'29"E,h10km,M4.2/13,mb4.4/7, mb4.8/2,MLv4.1/13,Mw(MB)4.1/2

NEIC 04 13:57:24.8-2.6,2°11'N,0°09'128'65E-10.08,h57km,10km, mb4.6/24,Error ellipse: s-maj=12.9km s-min=12.0km az=186.0

IDC 04 13:57:32.4-10.0,1.85N,127.92E,h129km,100km, mb3.9/6,mbtmp4.2/7,ML4.2/1,MS3.4/1,Error ellipse: s-maj=92.7km s-min=20.7km az=63.0

ISC 04 13:57:23.4-0.7,2.15N,0°07'1128'66E,0:08,h50km,n46, e=1314/7,mb4.4/17,Halmahera

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like TINTI Ternate, SWI Sorong, KMSI Cibinong, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

IDC 04 14:03:23.8-1.8,55°10N,158°76W,h0km,mb3.7/6, mbtmp3.7/9,ML2.7/3,MS3.3/8,Error ellipse: s-maj=44.1km s-min=23.9km az=29.0

NEIC 04 14:03:27.1-1.6,54°92N,0°06'158'25W,0.08,h21km,8km, Error ellipse: s-maj=9.3km s-min=5.2km az=150.0

AEIC 04 14:03:28.2-1.9,54°89N,0°06'158'22W,0.08,h20km,8km, ML3.7,mb4.2/7(NEIC),ML3.9/8(NEIC),Error ellipse: s-maj=9.4km s-min=5.7km az=159.0

ISC 04 14:03:29.2-0.7,55.00N,158.21W,0:05,h35km, n153,e123/145,mb3.7/7,MS3.3/7,South of Alaska

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like CNBA Chernabura Isl, CHNA Chernabura Isl, etc.

Main table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like CNBA Chernabura Isl, VNIAMINOF 5, CHIGNIK, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like Q29M Mount Kennedy, P29M Wendy Craggy, J26L Joseph Creek, etc.

TEH 04 14:06:14.7,34°66'N-45°47'E,h10km,115km,ML2.8 ISN 04 14:06:15.3,34°58'N-45°50'E,h14km,54km,ML3.0

ISC 04 14:06:14.9-1.3,34°70'N,0°06'45.60E,0:07,h13km,9km, n6,e05/12,Iran-Iraq border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like KGS1 Ghaz-e-Shirin, KGS2 Ghaz-e-Shirin, etc.

NOU 04 14:06:25.8,14°44'S-166°36'E,h96km,MLv4.6/14, Vanuatu Islands,Vanuatu Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like VLAKA Lakatoro, LIFNOC Lifnoco, etc.

ISN 04 14:10:25.2,34°65'N-45°41'E,h6km,66km,ML2.6 TEH 04 14:10:25.8,34°65'N-45°37'E,h16km,50km,ML2.8

ISC 04 14:10:26.3-1.3,34°68'N,0°06'45.40E,0:08,h11km,10km, n6,e108/11,Iran-Iraq border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like KGS1 Ghaz-e-Shirin, KGS2 Ghaz-e-Shirin, etc.

IDC 04 14:45:42.9-0.9,22°79'S,70°19'W,h9km,6km,mb3.5/4, mbtmp3.9/6,Error ellipse: s-maj=23.1km s-min=9.2km az=160.0

ISC 04 14:45:42.4-0.7,22°76'S,0°04'70'W,0:07,h50km,n29, e239/27,mb4.0/4,3C,Near coast of northern Chile

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Lists stations like PB04 IPOC Station P, LVC Limon Verde, etc.

Table with columns: LVC, LVC, PB01, AF01, PB14, TA01, PX03, GO02, GO01, AC01, AC06, LPAZ, SIV, H03N1, H03N2, H03N3, BDFB, SNA4, SNA4, OSPA, OSPA, TOR, TOR, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, WRA, MKAR, MKAR. Includes station names, coordinates, and times.

IDD 04 14:50:51.5, 0.7, 15.47N, 121.78E, h0km, mb4.2/12, mbmp4.2/12, MS3.5/13, Error ellipse: s-maj=36.0km s-min=14.7km az=71.0

NEIC 04 14:50:59.4, 2.1, 15.55N, 101.10E, h27km, n48, mb4.6/13, Error ellipse: s-maj=23.5km s-min=14.2km az=86.0

ISC 04 14:50:55.3, 0.6, 15.48N, 0.08E, h26km, n48, r162/32, mb4.4/18, MS3.5/13, Philippine Islands region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like TPUB, YULB, SS1B, NACB, SBUM, KSM, KAPI, KSR5, KSR5, INU, MJAR, USR8, KLR, SONM, WB0, WRA, WRA, WB2, WR0, AS31, ASAR, ASAR, PALK, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, MKAR, MKAR, FORT, ZALV, MA2, KURK, KURK, KURB, BBOO, STKA, BKAR, BKAR, ABKAR, AKTO, ATKA.

Table with columns: J18K, INNO, FINES, MLR, HFS, HFS, NOA, JMJC. Includes station names, coordinates, and times.

IDD 04 14:58:44.6, 0.9, 12.16N, 144.24E, h0km, mb4.1/9, mbmp4.1/9, MS3.5/12, Error ellipse: s-maj=34.1km s-min=16.6km az=107.0

NEIC 04 14:58:47.2, 2.2, 12.22N, 0.1, 144.2E, 0.2, h10km, 1km, mb4.3/9, Error ellipse: s-maj=37.8km s-min=16.7km az=295.0

ISC 04 14:58:49.0, 0.7, 12.32N, 0.1, 144.1E, 0.2, h27km, n24, r124/23, mb4.2/13, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like GUMO, GUMO, GUMO, FAKI, FAKI, MJAR, MJAR, TOLJ, TOLJ, JSD, JSD, WRM, WRM, WRO, WB2, WRA, WRA, AS31, ASAR, ASAR, CMAR, BBOO, MKAR, MKAR, KURB, ILAR, BVAR, BELG, ARCES, NVAR, FINES.

IDD 04 15:09:26.2, 1.0, 20.26S, 120.30E, h0km, mb3.7/2, mbmp3.6/5, ML3.6/3, MS2.8/1, Error ellipse: s-maj=179.8km s-min=24.1km az=54.0

DJA 04 15:09:35.7, 0.9, 10.5S, 7.12E, h10km, 6km, M3.9/10, mb4.2/11, MLV3.8/10

ISC 04 15:09:34.5, 0.8, 10.50S, 0.07E, h35km, n29, r241/25, Sumba region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like WBSI, WBSI, MMRI, MMRI, PLAI, PLAI, PLAI, BATI, GATI, TWSI, SOEI, BSSI, BKSI, KAPI, JAGI, FITZ, FITZ, FITZ, WRA, ASAR, ASAR, MORW, H08S2, H08S3, H08S1, MKAR, H04N2, H04N1, H04N3, H04N3, TARG, PRZL.

Table with columns: H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, SNA4, CPUR, H01W1, H01W2, H01W3, JTS, WRA, MKAR, MKAR. Includes station names, coordinates, and times.

GII 04 15:13:58.6, 0.1, 36.44N, 0.02E, 36.024E, 0.005, h8km, Mms2.9 confirmed

ISK 04 15:13:59.3, 36.20N, 36.12E, h7km, ML2.8/17, AFAD 04 15:14:00.2, 0.3, 36.27N, 36.07E, h8km, 2km, ML2.9

GRAL 04 15:14:01.8, 0.2, 36.37N, 36.01E, h15km, 206km, MD3.6, ISC 04 15:14:00.5, 1.2, 36.24N, 0.02E, 36.09E, 0.03, h8km, 10km, n57, r15/207, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like RHAN, RHAN, RHAN, HASA, HASA, YURE, YURE, KAMA, KAMA, KOZT, DED, HCB, KHMR, KHMR, GAZ, AKO, AKO, ANDN, ANDN, MERS, MERS, KMR5, KAHM, KAHM, GULE, GULE, GULE, NZIP, NZIP, NZIP, KIZK, KIZK, GZT, GZT, GZT, CMRD, BEIL, BEIL, SLFK, SILLI, KARG, KEBE, IKL, TISA, HWQ, FES, AKCA, AKCA, FKX, FKX, TEVE, BOZVA, ATAB, ATAB, SARI, BHL, ZAHY, YESY, HNTI, KSHT, KSHT, MMCT, MMA0B, OFRI, OFRI, MMLI, MMLI, KRNTE, NNC, Error ellipse: s-maj=20.7km s-min=16.3km az=130.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various other identifiers. Includes stations like PRZ, KDJ, SATY, UZB, SHLS, PDGK, NRN, KPKS, KURS, MDOK, IZV, BOOM, TKM2, KTBS, CHKK, CHKK, CHKK, DGS, DGS, DGS, DJR, DJR, DJR, UCH, UCH, KRBS, KRBS, KRBS.

ICD 04 15:37:40.6,9.5,14.24N,104.06W, h0km, mb3.8/4, mbmp3.8/5, ML4.2/1, MS3.8/50, Error ellipse: s-maj=216.0km s-min=90.0km az=117.0 GCMT 04 15:37:52.2,0.6,15:27N,103.1045W,0.04,h21km,2km, MW4.8/3,Moment Tensor Solution. s13,c14, s73,c95; Duration: 0 Moment tensor: Scale 1.016Nm; Mw:1.52; 10; Mw:0.51; 09; Mw:0.36; 09; Mw:0.27; 18; Mw:1.59; 08; Mw:0.66; 16; Best double couple: Mo 1.78900,1016 NP1:188.00000,688.00000,-22.00000; NP2: 0.278,00000,688.00000,-178.00000. Principal axes: T 1.6690,Plg14.0000, Azm235.0000; N 0.2400,Plg68.0000, Azm4.0000; P -1.9090,Plg17.0000, Azm141.0000; nst2 refers to surface waves, cutoff=40s. Triangular moment-rate function NEIC 04 15:37:52.2,1.8,15.5N,0.1x104.4W,0.1,h10km,2km, mb4.2/146 Error ellipse: s-maj=21.1km s-min=15.6km az=216.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various other identifiers. Includes stations like MOIG, TLIG, JRGG, HOGE, ZAIG, CMIG, SLBS, LPIG, HPIG, 83SA, SPIG, TX31, TXAR, TXAR, TXAR, TXAR, PETF, DRIO, SAND, MTO3, HSGI, HNDO, ALPN, VHRN, VHRN, JCT, OZNA, OZNA, PECS, PECS, MNHN, TEIG, EPT, HKT, 43SB, 43SB, BRDY, BRDY, SGCV, ODSA, CRIN, 121A, HNVL, HNVL, DUN6, DUN6, ABTX, ABTX, SN05, WHTY, TUC, POST, SN07, FW13, FW14, PLPT, PLPT, APMT, DKNS, FW03, FW03, BOAB, MXTX, MXTX, FW06, NATX, NATX, WFTS, WFTS, ANMO, ANMO, ANMO, ANMO, AMTX, LOOK, LOOK, X18A, Z38A, Z38A, ESPN, GLA, GLA, WMOK, SMWD, SMWD, X34A, X34A, TKX, 241A, 241A, CSTR, W35A, W35A, WLAR, 143A, WUAZ, WUAZ, RTBA, RTBA, ELIS, PFO, PFO, W13A, MIAR, MIAR, DEOK, DEOK, OK031, ELS, ELS, OK038, OK052, T25A, T25A, X40A, X40A, NOKA, CCR, CCR, CROK, CROK, TUL3, OK048, OK048.

Table with columns: MVCO, Mesa Verde, 22.00 351, P, P, 15 42 47.4, +0.2, 15 42 51.0, U15A, North Rim, 22.05 343, P, P, 15 42 48.4, +0.2, 15 42 52.1, UALR, University of, 22.18 27, P, P, 15 42 49.1, 0.0, 15 43 02.8, V12A, Nelson, 22.25 337, P, P, 15 42 50.3, +0.2, 15 42 53.1, SDCO, Great Sand Dun, 22.27 358, P, P, 15 42 49.9, -0.6, 15 42 51.1, -0.2, 15 42 54.6, +0.5, 15 42 55.0, +0.4, 15 42 55.4, -0.2, 15 42 59.0, +0.1, U38A, Gravelite, 22.81 21, P, P, 15 42 55.9, -0.1, 15 43 04.6, LCMT, Little Creek M, 22.87 342, P, P, 15 42 55.5, -1.2, 15 42 58.0, -0.4, 15 43 21.6, PKCU, Pink Cliffs, 23.01 344, P, P, 15 42 58.0, -0.4, 15 43 21.6, SHPR, Sheep Range, 23.05 338, P, P, 15 42 58.4, -0.3, 15 42 58.6, -0.4, CCAC, Calif City Air, 23.09 331, P, P, 15 42 58.9, CCAC, comp=Z,9.8nm,0.8s, 23.21 26, P, P, 15 43 00.8, +0.7, 15 43 21.6, FCAR, Ozark Folk Cen, 23.21 26, P, P, 15 43 00.8, +0.7, 15 43 21.6, GWW, Greenwater Val, 23.36 335, P, P, 15 43 01.4, -0.5, 15 43 04.4, GWY, comp=Z,8.3nm,1.2s, 23.54 345, P, P, 15 43 02.7, -1.1, 15 43 03.9, +0.1, MTPU, Mount Pierson, 23.54 345, P, P, 15 43 02.7, -1.1, 15 43 03.9, +0.1, KSCO, Kaye Shedlock, 23.57 40, P, P, 15 43 03.9, +0.1, 15 43 19.1, KSCO, comp=Z,7.9nm,0.7s, 23.59 39, P, P, 15 43 05.0, +0.1, 15 43 07.4, -0.7, ISA, Isabella, Lake, 23.73 331, P, P, 15 43 06.1, +0.3, 15 43 33.3, LCAR, Lake Charles, 23.73 328, P, P, 15 43 06.1, +0.3, 15 43 33.3, TPNV, Topopah Spring, 23.86 336, P, P, 15 43 06.8, +0.1, 15 43 06.2, -0.5, WCT, Wildcat Mounta, 23.87 335, P, P, 15 43 06.8, +0.1, 15 43 24.4, WCT, comp=Z,3.9nm,0.4s, 23.99 345, P, P, 15 43 07.4, -0.6, 15 43 07.9, -0.1, MVU, Marvalse, 23.99 345, P, P, 15 43 07.9, -0.1, 15 43 09.0, -0.3, Q16A, Castle Valley, 24.14 347, P, P, 15 43 12.8, SRU, comp=Z,7.7nm,1.2s, 24.20 349, P, P, 15 43 09.3, -0.5, 15 43 09.8, -0.2, MGMO, Mountain Grove, 24.24 24, P, P, 15 43 09.8, -0.2, 15 43 13.3, S11A, Rachel, 24.28 338, P, P, 15 43 11.0, +0.4, 15 43 10.7, 0.0, S39A, Bolivar, 24.31 22, P, P, 15 43 10.7, 0.0, 15 43 26.7, ISCO, comp=Z,9.6nm,1.0s, 24.32 358, P, P, 15 43 10.5, -0.6, 15 43 12.2, +0.2, PLAL, Pickwick Lake, 24.45 34, P, P, 15 43 12.2, +0.2, 15 43 13.8, GMM, comp=Z,9.1nm,1.1s, 24.56 335, P, P, 15 43 12.9, -0.4, 15 43 16.2, GMM, comp=Z,6.1nm,1.2s, 24.59 38, P, P, 15 43 12.6, -0.7, 15 43 33.1, Y49A, Blount Mountain, 24.59 38, P, P, 15 43 12.6, -0.7, 15 43 33.1, T42A, Van Buren, 24.62 26, P, P, 15 43 13.9, +0.4, 15 43 22.4, T42A, comp=Z,9.4nm,1.1s, 24.85 353, P, P, 15 43 15.6, -0.1, 15 43 15.6, -0.2, Q20A, White River Ci, 24.85 353, P, P, 15 43 15.6, -0.1, 15 43 18.9, R11B, Troy Canyon, C, 24.85 339, P, P, 15 43 18.9, R11B, comp=Z,6.7nm,1.1s, 24.92 334, P, P, 15 43 16.1, 0.0, MZP, Montezuma Peak, 24.96 335, P, P, 15 43 16.2, -0.6, 15 43 17.1, -0.6, SPR3, Spring Creek 3, 25.04 342, P, P, 15 43 17.1, -0.6, 15 43 19.7, SPR3, comp=Z,8.0nm,1.3s, 25.22 336, P, P, 15 43 19.1, -0.1, 15 43 19.4, +0.4, R40A, Maddies Station, 25.23 23, P, P, 15 43 19.4, +0.4, 15 43 37.2, Q12A, Willow Creek R, 25.23 341, P, P, 15 43 19.3, +0.1, 15 43 50.5, Q12A, comp=Z,5.9nm,1.1s, 25.29 347, P, P, 15 43 20.6, +0.8, 15 43 42.6, MPU, Maple Canyon, 25.29 347, P, P, 15 43 20.6, +0.8, 15 43 42.6, FPAL, Fort Paine, 25.54 38, P, P, 15 43 22.0, +0.1, 15 43 39.9, FPAL, comp=Z,1.1nm,1.4s, 25.57 333, P, P, 15 43 22.0, -0.4, 15 43 38.2, OMMB, Old Mammoth M, 25.57 333, P, P, 15 43 22.0, -0.4, 15 43 38.2, OMMB, comp=Z,8.8nm,1.0s, 25.74 345, P, P, 15 43 24.1, +0.4, 15 43 25.5, +0.6, DUG, Dugway, Toeless, 25.79 345, P, P, 15 43 24.1, +0.4, 15 43 25.5, +0.6, LHV, Little Huntoon, 25.89 334, P, P, 15 43 25.5, +0.6, 15 43 45.2, NV11, comp=Z,10nm,1.5s, 25.90 335, P, P, 15 43 25.6, +0.3, 15 43 25.3, -0.6, NVAR, Mina Array Bea, 25.96 335, P, P, 15 43 25.3, -0.6, 15 43 26.4, +0.5, NVAR, Mina Array Bea, 25.96 335, P, P, 15 43 26.4, +0.5, 15 52 44.4, NVAR, comp=Z,205nm,19.0s,baz=148,slow=33, 26.29 31, P, P, 15 52 44.4, KVN, Kaiserville, 26.40 336, P, P, 15 43 29.8, -0.1, 15 43 37.4, KVN, comp=Z,7.4nm,1.4s, 26.48 345, P, P, 15 43 30.1, -0.4, 15 43 33.9, +0.3, BGU, Big Grass Moun, 26.48 345, P, P, 15 43 30.1, -0.4, 15 43 52.0, YERR, Yerington, 26.82 334, P, P, 15 43 52.0, 15 43 52.0, YERR, comp=Z,6.9nm,1.3s, 26.84 35, P, P, 15 43 34.2, +0.6, 15 43 34.0, -0.5, U48A, Red Boiling Sp, 26.84 35, P, P, 15 43 34.2, +0.6, 15 43 36.2, ELK, Elko, 26.91 342, P, P, 15 43 36.2, ELK, Elko, 26.91 342, LR, P, 15 43 36.2, K22A, Casper, 27.20 357, P, P, 15 43 36.9, -0.1, 15 44 21.2, K22A, comp=Z,168nm,18.5s,baz=170,slow=34, 27.20 357, P, P, 15 43 36.9, -0.1, 15 44 21.2, BNM, Battle Mounta, 27.28 339, P, P, 15 43 37.4, +0.8, 15 43 39.3, BNM, comp=Z,11nm,1.3s, 27.40 39, LR, P, 15 43 39.3, T1, Tuckaleechee C, 27.40 39, LR, P, 15 43 39.3, PDAR, Pinedale Array, 27.61 352, P, P, 15 43 41.2, +0.5, 15 54 43.6, PDAR, comp=Z,0.2nm,0.4s,baz=163,slow=6.6,SNR=4.4, 36.29 31, LR, P, 15 54 43.6, R50A, Paris, 28.91 34, P, P, 15 43 52.5, +0.3, 15 55 46.4, YBH, Yreka Blue Hor, 30.58 333, LR, P, 15 55 46.4, ROSC, El Rosal, 31.48 106, LR, P, 15 53 46.5, G08A, Pilot Rock, 32.18 341, P, P, 15 44 20.7, -0.4, 15 44 22.3, G08A, comp=Z,4.7nm,1.4s, 32.25 30, P, P, 15 44 22.3, +1.3, AAM, Ann Arbor, 32.25 30, P, P, 15 44 22.3, +1.3, OVMT, Ovando, 32.34 349, P, P, 15 44 22.4, -0.1, ATAH, Atahualpa, 32.34 349, LR, P, 15 55 19.9, NEW, Newport, 34.37 345, LR, P, 15 57 26.8, ULM, Lac du Bonnet, 35.45 10, LR, P, 15 59 30.1, Sadow, Sadow, 36.29 31, LR, P, 15 61 02.5, NNA, Nana, 38.62 133, LR, P, 15 57 34.6, SADO, comp=Z,276nm,21.8s,baz=304,slow=32, 41.22 338, LR, P, 15 62 28.4, BBB, Bella Bella, 41.22 338, LR, P, 15 62 28.4, RPN, Rapa Nui, 42.54 186, LR, P, 15 56 45.4, TAOE, Nuku Hiva Isl, 42.75 238, eLR, P, 15 57 20.7, DLBC, Dease Lake, 46.97 342, LR, P, 15 06 10.8, LPAZ, La Paz, 47.77 130, LR, P, 15 03 51.5, LPAZ, comp=Z,264nm,21.7s,baz=304,slow=34

Table with columns: RKT, Rikitea, 48.52 219 eLR, LR, 16 00 16.3, etc. Includes stations like Schefferville, MDP, San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, h m s ISC, etc. Includes stations like D'Urville Isla, Tory Channel, Kapiti Island, etc.

Table with columns: BRJC, Lebrjia, 0.58 23 P, S, Sn, 16 45 39.2 +0.9, etc. Includes stations like La Rusia, Puerto Wilches, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, h m s ISC, etc. Includes stations like Mar West T-bar, Whangahu Hut, etc.

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

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

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

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

NOU 04 16:35:49.5, 40:36S:173:91E, h118km, MLV3.6/12, Cook Strait, New Zealand.

RSNC 04 16:45:10.4:0.0, 7°N:1°7'4W, h114km, M2.6, mb3.8, ML2.5, Northern Colombia.

ISU 04 17:01:57.9, 40:84N:72:96E, h12km, KNET 04 17:02:00.9, 40:89N:72:89E, h23km, ml3.2, Error ellipse: s-maj=5.5km s-min=2.3km az=121.0.

Table with columns: AML, Almayashu, 1.41, 27, Pn, 17 02 26.2 -0.7, etc. Includes various station codes and coordinates.

Table with columns: MTBS, Maitube, 3.50, 49, Pg, Pb, 17 03 03.2 +0.5, etc. Includes various station codes and coordinates.

Table with columns: PB04, IPOC Station P, 2.47, 267, eP, Sn, 17 05 51.8 +0.6, etc. Includes station codes and coordinates.

IDC 04 17:16:53.9-0.8, 36:29N:135:70E, h354km, 8km, mb3 1/4, mblmp3, 9/10, Error ellipse: s-maj=17.9km s-min=14.4km az=91.0

JMA 04 17:16:53.9-0.2, 36:1'N:133:6'E, h354km, 2km, MV3.0/25, NW OFF KINKI DISTRICT

NEIC 04 17:16:54.2-1.9, 36:38N:107:135:6E, 0:1, h350km, 9km, mb4.0/18, Error ellipse: s-maj=15.2km s-min=6.6km az=127.0

ISC 04 17:16:53.9-0.7, 36:38N:107:135:65E, 0:07, h354km, 6km, m59, c095/65, mb4.0/14, Sea of Japan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations and their data.

SOME 04 17:20:3.41:85N-81:28E, h5km NNC 04 17:20:4.1:7.4:1:94N:81:36E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=11.8km s-min=9.5km az=174.0

ISC 04 17:22:6.3, 41:39N:101:81:20E, 0:09, h6km, 16km, n29, i127/46, 4C, Southen Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their data.

Table with columns: PDGK, Podgromoye, Time, Res, Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes various station data for stations like PDGK, PDGK, PDGK, etc.

NEIC 04 17:26:08.0±2.5, 29.18N±0.09; 57.1E±0.1, h100km, n152, a±151/193, mb4.1/2.3, Southern Iran

TEH 04 17:26:14.4, 29.00N; 57.32E, h120km, ML3.9, OMAN 04 17:26:15.1±0.1, 28.74N; 57.03E, h0km, mb5.4/1.5, m4.0/1.5, Error ellipse: s-maj=1.1km s-min=0.9km az=231.0

DSN 04 17:26:15.9±1.8, 28.81N; 57.20E, h15km, ML3.8/16, Error ellipse: s-maj=23.4km s-min=17.2km az=90.0

IDC 04 17:26:16.2±0.8, 28.88N; 57.25E, h111km, s-min, mb3.7/17, mbtmp4.0/22, Error ellipse: s-maj=15.8km s-min=13.3km az=133.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes station data for stations like NGRK, CHMN, CHMN, etc.

Main station data table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes station data for stations like TPRV, ICHK, ICHK, etc.

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

IDC 04 17:26:46.5±0.8, 22.27S; 68.34W, h88km, 11km, mb3.6/3, mbtmp3.9/4, Error ellipse: s-maj=55.9km s-min=17.1km az=131.0

GUC 04 17:26:48.3±0.6, 22.30S; 68.65W, h99km, 4km, ML3.7, ISC 04 17:26:47.2±0.8, 22.22S; 68.05; 68.48E; 0.07, h102km, 7km, n17, a±152/23, mb3.8/3, Northern Chile

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

NEIC 04 17:58:25.4z, 32.74N, 0.03-118:29W, 0.02, h10km, 2km, Error ellipse: s-maj=5.7km s-min=3.1km az=198.0 PAS 04 17:58:26.5z, 32.74N, 0.03-118:30W, 0.02, h13km, 7km, ML3.0/142, ML3.0/48(NEIC), Error ellipse: s-maj=4.8km s-min=1.1km az=206.0, Off coast of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

NEIC 04 18:14:27.3z, 2.2, 32.70N, 0.03-118:30W, 0.02, h10km, 2km, Error ellipse: s-maj=5.4km s-min=3.1km az=198.0 PAS 04 18:14:29.5z, 32.74N, 0.02-118:30W, 0.02, h10km, 8km, ML3.0/146, ML2.6/40(NEIC), Error ellipse: s-maj=2.3km s-min=2.2km az=117.0, Off coast of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

Table with columns: GSC, Goldstone, Bar, 2.85 25, Pn, 18 15 15.0 0.0. Lists seismic stations and their associated data points.

IDC 04 18:17:18.4z, 1.1, 58.44S, 25:33W, h0km, mb4.3/4, mbmp4.3/5, ML4.9/1, MS3.3/6, Error ellipse: s-maj=43.8km s-min=25.7km az=97.0 NEIC 04 18:17:20.8z, 1.2, 58.6S, 0.1x24.4W, 0.2, h10km, 1km, mb4.3/8, Error ellipse: s-maj=24.6km s-min=15.5km az=43.0

ISC 04 18:17:20.7z, 0.6, 58.66S, 0.08x24.4W, 0.1, h10km, n45, z=29.0/41, mb4.4/5, MS3.3/5, 5C-4D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

IDC 04 18:27:36.2z, 0.7, 4.58S, 101.87E, h0km, mb4.4/20, mbmp4.4/20, MS3.5/4, Error ellipse: s-maj=26.2km s-min=12.6km az=56.0 DJA 04 18:27:39.8z, 0.4, 5.4, 101.2E, h65km, 6km, M4.6/19, mb4.7/19, mb5.0/6, MLV4.8/15, Mw(MB)4.2/6, Mw/Mwp5.0/2, Mwps 2/2

NEIC 04 18:27:40.2z, 1.7, 4.64S, 0.06x101.82E, 0.05, h24km, 4km, mb4.7/39, Error ellipse: s-maj=11.4km s-min=3.2km az=218.0

ISC 04 18:27:40.7z, 0.4, 4.71S, 0.07x101.78E, 0.06, h37km, n121, z=117/107, mb4.6/41, MS3.3/4, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

IDC 04 18:27:15.8z, 8.6, 0.60S, 120:39E, h0km, mb4.2/3, mbmp4.2/4, ML4.1/1, MS3.4/14, Error ellipse: s-maj=135.7km s-min=69.1km az=140.0

NEIC 04 18:27:22.3z, 2.0, 1.34S, 0.07x120:31E, 0.07, h10km, 1km, mb4.6/21, Error ellipse: s-maj=14.8km s-min=7.3km az=41.0

DJA 04 18:27:25.0z, 2.1, S, 12.1E, h10km, M4.7/19, mb4.7/9, mb5.1/1, MLV4.7/19, Mw(MB)4.4/1

ISC 04 18:27:21.5z, 0.6, 1.32S, 0.05x120:34E, 0.06, h10km, n58, z=124/45, mb4.5/11, MS3.3/13, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

IDC 04 18:27:36.2z, 0.7, 4.58S, 101.87E, h0km, mb4.4/20, mbmp4.4/20, MS3.5/4, Error ellipse: s-maj=26.2km s-min=12.6km az=56.0

DJA 04 18:27:39.8z, 0.4, 5.4, 101.2E, h65km, 6km, M4.6/19, mb4.7/19, mb5.0/6, MLV4.8/15, Mw(MB)4.2/6, Mw/Mwp5.0/2, Mwps 2/2

NEIC 04 18:27:40.2z, 1.7, 4.64S, 0.06x101.82E, 0.05, h24km, 4km, mb4.7/39, Error ellipse: s-maj=11.4km s-min=3.2km az=218.0

ISC 04 18:27:40.7z, 0.4, 4.71S, 0.07x101.78E, 0.06, h37km, n121, z=117/107, mb4.6/41, MS3.3/4, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

Table of station data for 4d 19h, including call signs (e.g., H08S3, H08S1), names (e.g., Diego Garcia H, Diego Garcia H), coordinates, and various status indicators.

Main table of station data for 208 OCT, including call signs (e.g., S44A, Q54A), names (e.g., Carbondale, Coxs Mills), coordinates, and various status indicators.

Table of station data for 240, including call signs (e.g., AAK, MRKS), names (e.g., merke11, merke11), coordinates, and various status indicators.

IDD 04 18:30:15.0:0.8,1:12S:120:63E,h0km,mb4.0/8, mbmp4.0/9,ML4.0/1, Error ellipse: s-maj=53.6km s-min=16.1km az=69.0

NEIC 04 18:30:16.4:1.8,1:04S:0:06:120:90E:0.07,h10km,1km, mb4.4/10, Error ellipse: s-maj=13.8km s-min=5.7km az=232.0

DJA 04 18:30:21.5:1.2,1:2:3:3:12:1E, h13km,10km,M4.4/17, mb4.5/7,mb5.0/2,MLv4/17,Mv10/34,3/2

ISC 04 18:30:21.0:0.6,1:23S:0:05:120:48E:0.06,h35km,n38, r185/38,mb4.2/12,Sulawesi

Table of station data for 208 OCT, including call signs (e.g., AAK, MRKS), names (e.g., merke11, merke11), coordinates, and various status indicators.

SOME 04 18:57:59.0,39:60N:73:75E,h0km KNET 04 18:58:01.4:0.1,39:60N:73:70E,h15km,mb3.0

ISC 04 18:58:06.0:1.4,39:85N:0:06:73:66E:0.03,h15km,8km, n55,r174/85,34C-15D,Tajikistan-Xinjiang border region

Table of station data for 208 OCT, including call signs (e.g., AAK, MRKS), names (e.g., merke11, merke11), coordinates, and various status indicators.

IDD 04 19:12:19.4:1.5,5:00S:152:14E,h0km,mb4.1/7, mbmp4.1/7, Error ellipse: s-maj=57.6km s-min=24.9km az=119.0

NEIC 04 19:12:21.6:1.0,5:41S:0:06:152:5E:0.1,h10km,2km, mb4.2/12, Error ellipse: s-maj=23.6km s-min=9.6km az=98.0

ISC 04 19:12:25.6:0.8,5:22S:0:08:152:3E:0.1,h55km,n26, r173/23,mb4.1/14,New Britain region

Table of station data for 240, including call signs (e.g., AAK, MRKS), names (e.g., merke11, merke11), coordinates, and various status indicators.

4d 19h

Table of astronomical data for the first 4 days (SSLB to FNA) with columns for object name, magnitude, position, and other details.

Table of astronomical data for days 5 to 19 (CATEG 04 to CONVE) with columns for object name, magnitude, position, and other details.

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Main table of astronomical data for October 2018, listing objects like ACON, HDC, DRKO, etc., with their respective magnitudes and positions.

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Table of astronomical data for days 20 to 31 (STH to 435B) with columns for object name, magnitude, position, and other details.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

IDC 04 20:28:24.2, 3.24, 277N, 141.166E, h0km, 32km, mb3.5/6, mbtmp3.8/7, Error ellipse: s-maj=42.0km s-min=20.6km az=87.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

IDC 04 20:28:23.1, 1.3, 242N, 01:141:6E, 0.3, h50km, n10, 0458R, mb3.76, Volcano Islands region

IDC 04 20:29:0.0, 0.8, 1:19S, 120:56E, h0km, mb3.9/8, mbtmp4.0/9, ML3.8/1, MS3.5/4, Error ellipse: s-maj=41.5km s-min=15.7km az=72.0

NEIC 04 20:31.5, 1.6, 1:15S, 0:06, 120:58E, 0.06, h10km, 1km, mb4.4/16, Error ellipse: s-maj=10.6km s-min=10.3km az=212.0

DJA 04 20:30:35.1, 0.3, 1:3, 122E, 121E, h10km, M4.5/17, mb4.5/7, mb5.2/9, ML4.5/17, Mw(mb)4.6/3

IDC 04 20:31:0.1, 0.6, 1:17S, 0:05, 120:53E, 0.06, h10km, n44, 152Z/44, mb4.3/15, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

IDC 04 20:11:14.3, 2.4, 218S, 134:01E, h0km, mb3.8/2, mbtmp3.8/19, ML3.8/2, Error ellipse: s-maj=90.7km s-min=26.3km az=81.0, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

IDC 04 20:23:42.0, 0.8, 46:24N, 63:28E, h0km, mb3.8/8, mbtmp3.8/19, ML3.9/11, MS4.1/3, Error ellipse: s-maj=18.3km s-min=6.5km az=155.0

NNC 04 20:24:01.4, 3.0, 46:26N, 55:43E, h0km, mb3.8, mpv3.0, Error ellipse: s-maj=35.2km s-min=22.6km az=94.0

IDC 04 20:23:43.3, 0.7, 46:22N, 0:09, 53:29E, 0.06, h10km, n27, 156Z/27, mb3.7/8, MS4.1/3, 4C-1D, Western Kazakhstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KURSB Kurchatov Arra, KURK Kurchatov, KKAR Karatay Array, etc.

IDC 04 21:18:50.0±0.3, 0.039S, 135°81'E, h0km, mb3.8/4, mbtmp3.7/5, ML3.3/1, Error ellipse: s-maj=159.4km s-min=23.5km az=80.0

ISC 04 21:18:53.1±2.0, 0.45±0.2, 136°2'E±0.4, h29km, n9, ±0°67'6", mb3.9/4, Irian Jaya region

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

GII 04 21:19:44.9±0.7, 33.396N±0.005±28.208E±0.002, h60km, Mw5.27, confirmed

AFAD 04 21:19:51.0±0.0, 34.15N±28.28'E, h131km, 55km, ML2.4

ISC 04 21:19:47.3±1.8, 33.79N±0.07±26.6E±0.1, h35km, n29, ±25°23', Eastern Mediterranean Sea

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TURN Turunc, DNZT Denizli-Tavas, APE Apeiranthos, etc.

IDC 04 21:21:51.0±2.9, 10.32S±123.58'E, h75km, 33km, mb3.6/3, mbtmp3.8/7, MS2.1/1, Error ellipse: s-maj=74.6km s-min=18.6km az=62.0

ISC 04 21:21:49.5±0.8, 10.33S±102.8.123°47'E±0.09, h50km, n15, ±17°6'16", mb3.9/3, Timor region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SOEI Soe, MMRI Maumere, PLA1 Plampang, etc.

IDC 04 22:07:17.6±1.3, 1.06S±120°52'E, h0km, mb3.5/4, mbtmp3.6/5, ML4.1/1, MS3.5/1, Error ellipse: s-maj=57.7km s-min=20.8km az=69.0

DJA 04 22:07:22.0±0.4, 0.1°S, 3.12°E, h10km, M4.6/13, mb4.5/2, mb3.3/1, ML4.6/13, Mw(mb)4.7/3

ISC 04 22:07:19.5±1.1, 1.07S±0.07±120°22'E±0.09, h10km, n19, ±123°20', mb3.5/4, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like APSI Ampapa, MRSI Marisa, MRSI Marisa, etc.

IDC 04 22:08:30.4±0.7, 1.11S±120°48'E, h0km, mb4.2/9, mbtmp4.1/11, ML3.6/2, MS3.7/4, Error ellipse: s-maj=51.7km s-min=13.3km az=69.0

NEIC 04 22:08:34.9±2.3, 1.22S±0.06±120°07'E±0.06, h10km, 1km, mb4.5/22, Error ellipse: s-maj=10.4km s-min=9.7km az=226.0

DJA 04 22:08:34.7±0.3, 1.1°S, 2.12°E, h10km, M4.7/16, mb4.7/8, mb5.3/3, ML4.6/16, Mw(mb)4.7/3

ISC 04 22:08:33.3±0.6, 1.20S±0.06±120°28'E±0.06, h10km, n59, ±15°58', mb4.5/18, MS3.5/3, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like APSI Ampapa, TOL2 Tolitola, MRSI Marisa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KMSI Cibinong, BKSI Bulukumba, BBSI Bau Bau, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MYLMI Lahad Datu, NLAI Namlea, SOEI Soe, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IPM Ipoh, PSA00 Pilbara Seismi, KULM Kulim, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WRO Warramunga Arr, WRO Warramunga Arr, WRO Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WHB Warramunga Arr, WHB Warramunga Arr, WHB Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ATH 04 22:10:14.1, 37.91N±22.09'E, h8km, 2km, ML1.6/6, Error ellipse: s-maj=25.5km s-min=0.6km az=55.0, Southern Greece

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KLV Kalavryta, Ach, KLV Kalavryta, Ach, GOUR Goura, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ANX Ano Chora, ANX Ano Chora, ANX Ano Chora, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ITM Ithomi, ITM Ithomi, PVO Paravolia, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KLV Kalavryta, Ach, KLV Kalavryta, Ach, GOUR Goura, etc.

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

MOS 04 22:44:30.7±1.0, 26°57'N, 129°49'E, h11km, mb5.1/39, MS5.0/9, Error ellipse: s-maj=7.8km s-min=4.3km az=115.7

GCMT 04 22:44:34.8, 0.2, 26.70N, 0.02, 129.57E, 0.02, h12km, MW5.0/93, Moment Tensor Solution, s49.c63, s93.c161; Duration: 0, Moment tensor: Scale 1016Nm; Mr-2.62z.09; Mw0.57z.09; Mww2.05z.08; Mw1.19z.29; Mw0.23z.07; Mw0.80z.26; Best double couple: Mw3.51300x1016 NP1z0.229, 0.0000z, s58, 0.0000z, -74, 0.0000z. NP2: e0.20, 0.0000z, s36, 0.0000z, -114, 0.0000z. Principal axes: T 4.0120, Plg12.0000z, Azm307.0000z; N -0.9940, Plg14.0000z, Azm40.0000z; P -3.0150, Plg12.0000z, Azm178.0000z; nst1a refers to body waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 22:44:31.9, 0.8, 26.62N, 0.03, 129.56E, 0.03, h9km, 4km, m501, e174/478, m5.0/138, MS4.5/80, 49C-10D, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Residuals, and ISC. Lists stations like Yoronjima, Okinoerabujima, Kunigami, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, Time, Residuals, and ISC. Lists stations like CN2, USRK, USRK, USRK, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, Time, Residuals, and ISC. Lists stations like LZH, LZH, SLVN, KMI, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ZSN Zaisan, KNRA Kununurra, SHEM Shemya Is, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BRZS Berezinski, CTAO Charters Tower, DZA Taraz, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DQM AI Faqa, FAQ AI Ayn, ALNE AI Ashush, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other details. Includes stations like COEN Coen, COEN Coen, COEN Coen, JAY Jayapura, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other details. Includes stations like BFZ Birch Farm, BFZ Birch Farm, BFZ Birch Farm, BFZ Baring Head, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other details. Includes stations like K27K Chicken, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

PGC 04/23/08: 16.3: 0.8, 68.94N: 130.88W, h20km, ML3.9/6, 128km Ene of Inuvik, Nt Nw Territories - Nunavut, Canada ANF 04/23/08: 18.7: 0.4, 68.51N: 131.32W, h92km, 7km, Error comp=Z, 1.1nm, 0.5s, bsz=37, slow=2, SNR=4.1

Table with columns: Code, Station Name, Frequency, Mode, Signal, and other details. Includes stations like INK Inuvik, INK Inuvik, INK Inuvik, INK Inuvik, etc.

4d 23h

Table with columns: I30M, baz=26, G27K, Doyon Strip, 4.58 247, Pn, Sn, 23 10 08.0 -0.3, etc.

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Table with columns: M29M, Somme Creek, 7.22 209, Pn, Sn, 23 09 59.7 +2.0, etc.

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Table with columns: KURS, Kuram, 1.20 313, P, Pb, 23 22 00.1 0.0, etc.

KRNET 04 23:21:37.5:0.1, 42:67N:79:38E, h21km, mb2.4

SOME 04 23:21:37.6, 42:68N:79.38E, h15km, 8C-10D, Lake

Code Station Name A° AZ° Phase ID Time Res

Table with columns: SHLS, Shalkode, 20nm,0.1s, 0.48 7 P Op, etc.

IDC 04 23:21:55.8:0.8, 22:75S:66:23W, h226km, 9km, mb3.8/9, mbmp4.4/15, Error ellipse: s-maj=13.4km s-min=11.1km az=91.0

NEIC 04 23:21:56.8:1.8, 22:84S:0:03:66:40W:0:09, h242km, 10km, mb4.9/18, ML4.4(GUC), Error ellipse: s-maj=12.4km s-min=4.4km az=88.0

VAO 04 23:21:56.7:0.2, 22:79S:66:35W, h244km, 3km, mb4.1 GUC 04 23:21:57.2:0.3, 22:94S:66:82W, h265km, 7km, ML4.3

ISC 04 23:21:55.4:0.4, 22:81S:0:04:66:29W:0:05, h222km, m169, s125/179, mb4.2/13, 6C, Jujuy Province

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, AF01, San Pedro de A, 1.75 265 Op, etc.

Table with columns: Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like G003 Copiapo, PB18 Visivri, LPAZ La Paz, etc.

Table with columns: Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like YNE Alice Springs, BOSA Boshof, MESJ Mesesjana, etc.

Table with columns: Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MKAR Makanchi Array, MKAR Kurchatov Arr, CASY Casey, etc.

NEIC 04 23:28.33.1+1.2, 20.5S:0.1x177.8W:0.1, h512km, 15km, mB4, 1/25, Error ellipse: s-maj=22.9km s-min=17.9km

MSVF Nonsavu 4.64 303 Op P 23 29 58.7 -0.2
MSVF Nonsavu 4.64 303 P P 23 29 59.1 -0.8

MRZ Mangaitinaka 21.07 194 P P 23 32 39.0 -1.2
MRZ Mangaitinaka 21.07 194 P P 23 32 41.7

WHZ Wether Hill Ro 28.08 201 P P 23 33 41.3 -1.0
CTAO Charters Tower 33.65 264 P P 23 34 30.9 +0.3

STKA Stephens Creek 38.00 244 P P 23 35 05.4 -1.1
STKA Stephens Creek 38.00 244 P P 23 35 04.8 -1.7

WB0 Warramunga Arr 44.74 262 P P 23 36 00.2 +0.1
WB0 Warramunga Arr 44.74 262 P P 23 36 00.4

WB2 Warramunga Arr 44.76 262 P P 23 36 00.4 +0.3
WB2 Warramunga Arr 44.76 262 P P 23 36 01.0

FOR Forest 49.51 246 P P 23 36 35.6 -0.1
KNRA Kununurra 50.81 266 P P 23 36 46.2 +0.7

MBWA Marble Bar 58.03 257 P P 23 37 36.8 +0.6
MBWA Marble Bar 58.03 257 P P 23 37 50.9

WRA Warramunga Arr 23.28 155 P P 23 27 58.4 +0.1
WRA Warramunga Arr 23.28 155 P P 23 27 59.0 +0.1

WBR Warramunga Arr 23.28 155 P P 23 27 59.5 +0.1
WBR Warramunga Arr 23.28 155 P P 23 27 59.7 +0.1

ASAR Alice Springs 26.47 159 P P 23 28 28.4 +0.2
ASAR Alice Springs 26.47 159 P P 23 28 28.5 +0.2

ASAR Alice Springs 26.48 159 P P 23 28 26.5 -1.7
ASAR Alice Springs 26.48 159 P P 23 28 26.5 -1.7

4d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUR Gaura, KRV Kalavryta, AKH Kalandri, etc.

NEIC 04 23:41:40.2, 5.17, 8N, 0.3, 64.14W, 0.03, h10km, 2km, ML2.3/16, Md2.5/3(RSPR), Error ellipse: s-maj=44.3km s-min=4.5km az=179.0

RSPR 04 23:41:42.2, 17.67N, 64.14W, h8km, 2km, MD2.5/3 ISC 04 23:41:40.8, 1.3, 17.9N, 0.1, 64.14W, 0.04, h16km, 12km, n27, c0591/32, 5C, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SABA Saba, SMRT St. Maarten, SKI Saint Kitts, etc.

NEIC 04 23:52:56.9, 1.9, 9.8S, 0.1, 161.29E, 0.09, h77km, 7km, mb4.2/16, Error ellipse: s-maj=16.4km s-min=11.6km az=203.0

IDC 04 23:53:02.0, 15.0, 10.09S, 161.25E, h144km, 158km, mb3.5/6, mbtm0.4/0.7, ML4.0/1, MS3.5/2, Error ellipse: s-maj=94.2km s-min=24.2km az=165.0

ISC 04 23:52:58.0, 0.6, 9.92S, 0.08, 161.19E, 0.09, h100km, n29, c1947/32, mb4.0/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, KOUNC Koumac, DZM Mont Dzumac, etc.

BGR 04 23:58:43.1, 41.92N, 144.21E, h33km, mb5.2

IDC 04 23:58:47.0, 2.0, 42.60N, 142.08E, h21km, 12km, mb4.3/31, mbmp4.4/37, ML3.4, MS4.5/71, Error ellipse: s-maj=12.0km s-min=10.4km az=116.0

SKHL 04 23:58:48.2, 0.3, 42.40N, 141.30E, h45km, 5km, mb5.5/7, mbv5.2/4, ms4.9/13, ms5.8/6

NEIC 04 23:58:48.8, 1.5, 42.60N, 0.05, 142.04E, 0.09, h17km, 3km, mb5.4/580, Ms 20, 4.7/135, Mw5.0/24, Mw5.0/15, Error ellipse: s-maj=9.6km s-min=6.4km az=109.0, Moment

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Tensor Solution. Moment tensor: Scale 10^16Nm; Mn:2.81, Mw:0.87, Mw:3.68, Mw:0.94, Mw:0.31, Mw:1.70; Fault plane solution: Ms:3.86000x10^16 NP1: 0.334, 24000, 835, 73000, 154, 78000. NP2: 0.395, 25000, 861, 51000, 112, 53000. Principal axes: T 3.5839, Plg66.0000, Azm146.0000; N 0.5096, Plg20.0000, Azm4.0000; P -4.0936, Plg14.0000, Azm269.0000;

NEIC 04 23:58:48, 42.50N, 142.26E, h24km, Moment Tensor Solution. Duration: 157 Moment tensor: Scale 10^16Nm; Mn:2.89, Mw:1.57, Mw:4.46, Mw:1.33, Mw:0.86, Mw:0.59; Fault plane solution: Ms:4.0000x10^16 NP1: 0.339, 63000, 856, 51000, 149, 02000. NP2: 0.217, 21000, 850, 97000, 134, 75000. Principal axes: T 3.8279, Plg57.0000, Azm192.0000; N 0.7723, Plg33.0000, Azm5.0000; P -4.6002, Plg3.0000, Azm97.0000;

NEIC 04 23:58:48, 42.60N, 142.13E, h24km NEIC 04 23:58:48.6, 42.60N, 142.05E, h16km NEIC 04 23:58:48.7, 1.1, 42.55N, 141.93E, h36km, mb5.4/78, MS4.8/30, Error ellipse: s-maj=5.3km s-min=3.9km az=112.3

JMA 04 23:58:49.1, 0.1, 42.6N, 0.05, 142.0E, 0.5, h31km, 1km, MW5.2/32, Moment Tensor Solution. s73.106; s132.2/217. Duration: 150 Moment tensor: Scale 10^16 Nm; Mn:4.89, Mw:1.8, Mw:2.51, Mw:1.2, Mw:0.74, Mw:0.12; Mw:3.47, Mw:0.60, Mw:0.09, Mw:0.89, Mw:1.8; Best double couple: Ms:7.46200x10^16 NP1: 0.207, 00000, 858, 00000, 1, 133, 00000. NP2: 0.326, 00000, 852, 00000, 1, 42, 00000. Principal axes: T 7.4460, Plg54.0000, Azm173.0000; N 0.0320, Plg36.0000, Azm0.0000; P -7.4780, Plg3.0000, Azm286.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 23:58:49.8, 0.1, 42.60N, 0.01, 142.00E, 0.01, h28km, MW5.2/32, Moment Tensor Solution. s73.106; s132.2/217. Duration: 150 Moment tensor: Scale 10^16 Nm; Mn:4.89, Mw:1.8, Mw:2.51, Mw:1.2, Mw:0.74, Mw:0.12; Mw:3.47, Mw:0.60, Mw:0.09, Mw:0.89, Mw:1.8; Best double couple: Ms:7.46200x10^16 NP1: 0.207, 00000, 858, 00000, 1, 133, 00000. NP2: 0.326, 00000, 852, 00000, 1, 42, 00000. Principal axes: T 7.4460, Plg54.0000, Azm173.0000; N 0.0320, Plg36.0000, Azm0.0000; P -7.4780, Plg3.0000, Azm286.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 23:58:49.8, 0.1, 42.60N, 0.01, 142.00E, 0.01, h28km, MW5.2/32, Moment Tensor Solution. s73.106; s132.2/217. Duration: 150 Moment tensor: Scale 10^16 Nm; Mn:4.89, Mw:1.8, Mw:2.51, Mw:1.2, Mw:0.74, Mw:0.12; Mw:3.47, Mw:0.60, Mw:0.09, Mw:0.89, Mw:1.8; Best double couple: Ms:7.46200x10^16 NP1: 0.207, 00000, 858, 00000, 1, 133, 00000. NP2: 0.326, 00000, 852, 00000, 1, 42, 00000. Principal axes: T 7.4460, Plg54.0000, Azm173.0000; N 0.0320, Plg36.0000, Azm0.0000; P -7.4780, Plg3.0000, Azm286.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 23:58:49.8, 0.1, 42.60N, 0.01, 142.00E, 0.01, h28km, MW5.2/32, Moment Tensor Solution. s73.106; s132.2/217. Duration: 150 Moment tensor: Scale 10^16 Nm; Mn:4.89, Mw:1.8, Mw:2.51, Mw:1.2, Mw:0.74, Mw:0.12; Mw:3.47, Mw:0.60, Mw:0.09, Mw:0.89, Mw:1.8; Best double couple: Ms:7.46200x10^16 NP1: 0.207, 00000, 858, 00000, 1, 133, 00000. NP2: 0.326, 00000, 852, 00000, 1, 42, 00000. Principal axes: T 7.4460, Plg54.0000, Azm173.0000; N 0.0320, Plg36.0000, Azm0.0000; P -7.4780, Plg3.0000, Azm286.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 23:58:49.8, 0.1, 42.60N, 0.01, 142.00E, 0.01, h28km, MW5.2/32, Moment Tensor Solution. s73.106; s132.2/217. Duration: 150 Moment tensor: Scale 10^16 Nm; Mn:4.89, Mw:1.8, Mw:2.51, Mw:1.2, Mw:0.74, Mw:0.12; Mw:3.47, Mw:0.60, Mw:0.09, Mw:0.89, Mw:1.8; Best double couple: Ms:7.46200x10^16 NP1: 0.207, 00000, 858, 00000, 1, 133, 00000. NP2: 0.326, 00000, 852, 00000, 1, 42, 00000. Principal axes: T 7.4460, Plg54.0000, Azm173.0000; N 0.0320, Plg36.0000, Azm0.0000; P -7.4780, Plg3.0000, Azm286.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 23:58:48.3, 0.4, 42.54N, 142.10E, 0.02, h19km, 1km, n189km, pP, n1399, c1550/1191, mb5.3/388, MS4.7/166, 60C-74D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JSHD Hidakashinhida, JBT2 Biratori 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYG Yagishiri, JAK Akhesi, JOSM Okusama, JNK Nakash, JANG Nango, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like YSS, JYS, JAW, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like KLR, NKL, KUR, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BJT, YAK, YAKUTSK, etc.

4d 23h

Table with columns for station ID, name, coordinates, and various data points (pP, sP, etc.). Includes stations like Saint Paul Isl, Saint George I, Gambell, Nikolski High, Unalaska Valle, etc.

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Table with columns for station ID, name, coordinates, and various data points (L16K, H17K, WMQ, etc.). Includes stations like Ohwahat River, Granite Mount, Granite Mount, etc.

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Table with columns for station ID, name, coordinates, and various data points (P18K, H20K, L19K, etc.). Includes stations like Big Mountain, Anoteega Mo, White Mountain, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like COLD Coldfoot, KURBB Kurchatov Arra, G23K Bananza Creek, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PWL Port Wells, WAT6 Susitna Watana, D25K Kavik River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like D27M Malcolm River, G27K Doyon Strip, GLB Gilahina Butte, etc.

4d 23h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Histogram, Elevation Histogram, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Eigenvalues, Elevation Eigenvalues, Azimuth Eigenvectors, Elevation Eigenvectors, Azimuth Entropy, Elevation Entropy, Azimuth Entropy Rate, Elevation Entropy Rate, Azimuth Entropy Bias, Elevation Entropy Bias, Azimuth Entropy Drift, Elevation Entropy Drift, Azimuth Entropy Spread, Elevation Entropy Spread, Azimuth Entropy Jitter, Elevation Entropy Jitter, Azimuth Entropy Skew, Elevation Entropy Skew, Azimuth Entropy Kurtosis, Elevation Entropy Kurtosis, Azimuth Entropy Histogram, Elevation Entropy Histogram, Azimuth Entropy Correlation, Elevation Entropy Correlation, Azimuth Entropy Covariance, Elevation Entropy Covariance, Azimuth Entropy Variance, Elevation Entropy Variance, Azimuth Entropy Covariance Matrix, Elevation Entropy Covariance Matrix, Azimuth Entropy Eigenvalues, Elevation Entropy Eigenvalues, Azimuth Entropy Eigenvectors, Elevation Entropy Eigenvectors.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Histogram, Elevation Histogram, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Eigenvalues, Elevation Eigenvalues, Azimuth Eigenvectors, Elevation Eigenvectors.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Histogram, Elevation Histogram, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Eigenvalues, Elevation Eigenvalues, Azimuth Eigenvectors, Elevation Eigenvectors.

Table with columns: Station, Frequency, Power, and Signal. Includes stations like JCC, KHMM, KMPM, J05D, YBH, Y08A, MTSE, F10A, Q02D, GUDG, KIV, KISV, KBZ, BMO, HATC, IZAR, DZM, J08A, ISAL, MNK, IIGN, PLID, MSO, MSVF, WYOR, ORV, ICESG, FFC, FCC, NC405, PABE, PABE, LYMT, NB201, HFS, NB2, NOA, AFDM, NB000, NOES, KARS, MFID, SOC, PAHR, WSAR, SHME, PNTR.

Table with columns: Station, Frequency, Power, and Signal. Includes stations like JLN, WBD, WIK, AKASG, AKASG, AKASG, AKBB, AKBB, KIEV, KIEV, KIEV, SFJD, SFJD, SMO, SMDO, SUW, SUW, SUW, WAKR, WAKR, BMN, BMN, BMN, UOSS, UOSS, HOQ, HOQ, BBGB, BBGB, HATD, HATD, JMDO, JMDO, STRU, ASHO, ASHO, SOHO, SOHO, KVN, RYN, RYN, DY2G, YHL, FQY, FQY, FRB, FRB, LHV, NWAR, NWAR, NWAR, NWAR, BSY, BSY, NV11, YMR, YMR, YMR, ALNE, ALNE, BORU, TJOU, ELK, ELK, YFT, YFT, SIM, LKWW, LKWW, LKWW, H17A, H17A, MHTO, MHTO, MHTO, IMW, IMW, FLYW, RLMT, RLMT, FXWY, FXWY, FABU, DEL, MOOV, MOOV, DSP, DSP, TPWA, TPWA, DGMT, DGMT.

Table with columns: Station, Frequency, Power, and Signal. Includes stations like BORG, ECR, LOHW, MZP, SNOW, HVU, HVU, HOMB, SORM, SORM, HORU, AHID, BJUU, GRAC, GRAC, UMZA, UMZA, BSD, BSD, BCUW, BCUW, ISA, ISA, Q12A, Q12A, R11B, R11B, NLUK, JRN, JRN, MLML, MLML, SPR3, SPR3, ARPR, ARPR, S11A, S11A, DUG, DUG, GKP, GKP, PDAR, PDAR, PDAR, PDAR, TPNV, TPNV, TCUT, TCUT, CCAC, CCAC, CTU, CTU, MUD, GUY, MZR, KSV, JLU, PRN, KWP, PRAR, STKA, STKA, STKA, FORT, FORT, MPU, VLDL, BUR0, BUR0, BURAR, BURAR, BURAR, BURAR, SLWR, SLWR, TESR, TESR, SMRA, ULM, ULM, ULM, ULM, ULM, TCRU, PANC, KOLS, KOLS, STHS, STHS, STHS, STHS, OJC, OJC, MDND, VRI, VRI, PLOA, PLOA, PLOA, PLOA, SZCU, TRRU, TRRU, TRRU, BISR, BISR, COVER, K22A, NIE, NIE, OZUR, Q16A, E28A, GORS, RSSD, RSSD, RSSD, SRU, SRU.

Table of race results for the 4d 23h section, listing various tracks like DOPKA, KANAB, and PINK CLIFFS with their respective race details and results.

Table of race results for the 2018 OCT section, listing various tracks like DAVID MESA, SKAIN MESA, and PARADOX VALLEY with their respective race details and results.

Table of race results for the 258 section, listing various tracks like MYKA, TERRA MYSTICA, and TRINIDAD with their respective race details and results.

Table listing astronomical observations with columns: LVC, Station Name, Azimuth, Altitude, Phase, ID, Time, Res, and other parameters. Includes entries like MIAR Mount Ida, MRZ Mangalainok, and various other stations.

Table listing astronomical observations for October 2018. Includes entries like LVC Limon Verde, VNA2 Neumayer-Watz, VNA3 Neumayer-Olymp, and various other stations.

Table listing astronomical observations for a 5-day, 1-hour period. Includes entries like CTAO Charters Tower, ASAR Alice Springs, BVAR Borovoye Array, and various other stations.

Additional notes or coordinates at the bottom right, including: 10C 05:01:15.147.2.9, 26.745S; 67.36E, h0km, mb4.0/6, mbtm=28.9km az=44.0, Indian Ocean Triple Junction.

5d 1h

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NEIC 05 01:46:01.2.2.7, 14:55S:0:06:71:55W:0:07:1h0km, 1km, mb5.0/276, Mw5.2/16, Error ellipse: s-maj=12.5km, s-min=9.4km az=58.0

NEIC 05 01:46:01.2.4.14:45:72:33W, h30km, Moment Tensor Solution. Duration: 2:3 Moment tensor: Scale 10^16Nm; Mm:2.63; Mss:6.23; Mbb:3.60; Mss:3.97; Mss:2.38; Mss:3.18; Fault plane solution: Mo:8.0000x10^16 NP1: 0.245.06000, 0.76.15000, -1.134.04000. NP2: 0.241.16000, 0.45.74000, -1.19.53000. Principal axes: T: 7.8605, P: 19.0000, N: 2.6600; N: -0.1166; P: 142.0000; Azm:258.0000; P: -7.7420, P: 142.0000, Azm:114.0000

NEIC 05 01:46:01.2.4.15:45:71:60W, h30km GCMT 05 01:46:05.0.2.0.2, 14:55S:0:01:71:53W:0:01:1h0km, Mw5.1/122, Moment Tensor Solution. s44, c62; s122, c195; Duration: 0 Moment tensor: Scale 10^16Nm; Mm:1.58; Mss:2.92; Mbb:4.34; Mss:1.6; Mss:3.25; Mss:0.16; Mss:1.2; Mss:2.35; Mss:1.4; Mss:2.0000x10^16 NP1: 0.228.00000, 0.72.00000, -1.156.00000. NP2: 0.130.00000, 0.67.00000, -1.20.00000. Principal axes: T: 5.9410, P: 13.0000, Azm:358.0000; N: -0.2560, P: 16.0000, Azm:263.0000; P: -5.6850, P: 13.0000, Azm:90.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function

ISC 05 01:46:00.2.0.3, 14:51S:0:05:71:53W:0:05:1h0km, m292, c1335/154, mb5.0/136, Ms4.4/32, 5C-1D, Central Peru

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

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Contains the majority of the seismic station data.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Contains the rightmost portion of the seismic station data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSO Missoula, BMO Blue Mountains, YBH Yreka Blue Hor, etc.

KRSC 05 01:51:02.1+1.3, 5.5:92N-164.02E, h15km, 23km, M1.0
IDC 05 01:51:07.3-4.7, 5.6:26N-163.80E, h53km, 50km, mb3.2/4,
mbtmp3.5/5, ML2.9/1, Error ellipse: s-maj=55.2km
s-min=23.9km az=153.0

ISC 05 01:50:59.7+1.7, 5.6:19N-107.164:13E, 0.04, h2km, 11km,
n45, r159/64, mb3.5/4, Komandorsky Islands region

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

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

BUJ 05 01:56:32.7, 3.4:65S-149.93E, hgkm, mb4.9/55, mb5.4/16,
Ms5.0/30, Ms7.4/8.31
IDC 05 01:56:33.0-0.9, 3.5:59S-149.66E, h0km, mb4.6/16,
mbtmp4.6/17, ML1.7/1, MS4.6/36, Error ellipse:
s-maj=35.4km s-min=14.1km az=103.0
DJA 05 01:56:35.6, 0.3, 3.7:82.4, 15E, 0.7, h10km, M4.8/22, mb5.3/7,
mb4.8/22, MLv4.9/1, Mw(mb)4.77
NEIC 05 01:56:36.1-2.0, 3.4:75S-109.149:67E, 0.07, h10km, 1km,
mb5.0/28, Error ellipse: s-maj=15.5km s-min=9.8km
az=208.0

GCMT 05 01:56:39.1-0.1, 3.4:75S-109.149:59E, 0.01, h12km,
M1.05, 9/144, Moment Tensor Solution, s112c176,
s144c280, Duration: 161, Moment tensor: Scale 1017
Nm; M= -0.11±0.01; Mw=0.77±0.01; Mw0-0.65±0.01;
Mw0.15±0.03; Mw0.73±0.01; Mw0.14±0.03; Best double
couple: M1.040000°17, NP1.3220000°87, 0.00000°
λ, 171.00000°. NP2.31120000°81, 0.00000°λ, 3.00000°.
Principal axes: T 1.1070, Plg9.0000°, Azm337.0000°; N
-0.1350, Plg80.0000°, Azm185.0000°; P -0.9720,
Plg5.0000°, Azm68.0000°; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 05 01:56:37.2-0.4, 3.5:75S-105.149:70E, 0.06, h20km, n119,
r150/89, mb5.0/48, MS4.7/4.3C, Bismarck Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAVG Kavieng, RABL Rabaul, MANU Manus Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, RTZ Ruatuhuna, NNZ Nelson, etc.

5d 2h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WMQ, HYB, TIXI, MKAR, ZAAO, ZALV, KSH, NIL, KURK, KURBB, CCB, ILAR, J2SK, GAR, KKAR, SIMJ, MAW, K29M, QSPA, J30M, BVAR, YBH, NVAR, AKTO, NEW, PFO, YKA, RPN, CLL, TOR, etc.

IDC 05 02:00:55.5-2.3, 6.40S-130.43E, h0km, mb3.7/1, mbtmp3.9/4, ML3.8/3, Error ellipse: s-maj=89.5km s-min=29.3km az=78.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, ASAR, MKAR, etc.

TAP 05 02:27:34.5, 23°11'N, 121°36'E, h20km, ML3.8, C ASIES 05 02:27:34.5, 23°11'N, 121°36'E, h20km, ML3.8, Mw3.6, Moment Tensor Solution. Moment tensor: Scale 10^21Nm; Mn:1.62; M00:0.06; M01:-1.68; M02:-0.61; M10:-0.26; M12:1.2; Fault plane solution: Mo:2.76891x10^21 NP1: 0.349,57000°, 872.19000°, 177.59000°. NP2: 0.205,31000°, 821.59000°, 123.79000°. Principal axes: T P1g60.8960°, Azm241.3600°; N P1g11.8090°, Azm353.4190°; P P1g26.1840°, Azm89.3190°.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CHKH, EDH, FULB, FULB, ECS, ECU, EHD, EHD, etc.

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ECBN, EYUL, TWF1, LONT, YULB, LDUT, ELDTW, ELDTW, TTN, TWG, HGSD, HGSD, EHYH, EHYH, EHY, EGFH, STYH, ECL, ECL, WLBGT, SLGT, ALS, SHL, ESL, WTP, TPUB, TPUB, SGST, TSMG, TSMG, TEYL, CHN4, CHN4, WHYT, CHN1, CHN1, SSSL, SSSL, WCKO, WCKO, TAW, MASBT, MASBT, EAST, EAST, SNST, SNST, TAWH, TAWH, SCST, SCST, TWK, TWK, ETM, ETM, OWD, OWD, HWA, HWA, LXIB, LXIB, TWMT, TWMT, WUSB, WUSB, TYC, TYC, WJS, WJS, WJS, WJS, SHHT, SHHT, WKG, WKG, WKG, WKG, SCZT, SCZT.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SCZT, CHY, CHY, LAY, LAY, TWD, WDLH, WDLH, WNT, WNT, WNT, LYUB, WHF, ICHU, ICHU, WCS, WCS, NACB, NACB, WTK, WTK, WTK, ETLH, WSSB, WSSB, CHNB, CHNB, CHNB, TW, TW, TW, TDCB, HEN, HEN, HEN, TSCK, TSCK, TSCK, WSF, WSF, WSF, TWK1, TWK1, TWK1, TWKB, WRL, WHP, WHP, WHP, NNSB, TWQ1, TWQ1, TWQ1, EWUT, EIOS, EIOS, LATJ, WDJ, WDJ, NSY, NSY, NSY, ENT, ENT, NMLH, NMLH, NMLH, NFF, TWC, YHNB, YHNB, NSK, NSTT, LIOB, WDG, TWE, FUSB, NWLT, PHUB, PNG, VCHM, VCHM, VCHM, TATO, SX11, YMO1, YVUC, PTMZ, KNM, KNMB, ZPLA, SXFK, SKR, SKR, SKR, SKR, SKR, SKR.

SKHL 05 02:32:01.5-0.3, 49°21'N, 156°30'E, h28km, 3km, mb4.4/3 KRSC 05 02:32:03.7-1.4, 49°21'N, 156°37'E, h51km, 23km, ML3.9 ISC 05 02:32:04.0-2.1, 49°21'N, 156°15'E, 0.1, h34km, n13, 1507/173, 100-29D, Taiwan

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR, KDR, KTR, MTRV, GRL, PET, DALK, NLC, SPN, GNL, KUR.

ISK 05 02:33:57.8, 39°59'N, 25°97'E, h8km, ML2.7/11
AFAD 05 02:33:58.0, 0.0, 39°58'N, 26°02'E, h7km, ML2.3
THE 05 02:33:59.2, 39°55'N, 25°88'E, h13km, ML2.4/4, Error ellipse: s-maj=3.8km s-min=0.9km az=251.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOC, BOZC, EZNE, SGR, BAYC, ECEA, CNKL, GADA, AYVA, LIA, BUHA, GELI, SMTH, YENI, FOCM, ENEZ, ERIK, CHOS, SOMA, KRBG, ALN, GONE, THAS, RKY, ELBC, RDO, SMG, NVR.

IDC 05 02:52:07.1, 1.8, 8°35'S, 116°79'E, h0km, mb3.5/2,
mbtmp3.8/4, ML4.0/2, Error ellipse: s-maj=36.9km
s-min=30.3km az=92.0
DJA 05 02:52:10.9, 0.4, 9°S, 6°17'E, h19km, 5km, M3.9/6,
MLV3.9/6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWSI, PLAI, SRBI, JAGI, WBSI, BSSI, KAPI, BKSI, FITZ, WRA, ASAR, TORD, CPUP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, MKAR, KURBS.

SKO 05 03:28:59.9, 40°76'N, 21°44'E, h12km, ML2.0
TIR 05 03:29:00.4, 40°72'N, 21°30'E, h5km, 1km, Md2.8, ML2.0
ATH 05 03:29:00.6, 40°68'N, 21°36'E, h6km, 2km, ML2.0/3, Error ellipse: s-maj=2.5km s-min=1.1km az=322.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FNA, NEST, KBN, KZN, PENT, OHR, LSK, LIT, KNT, THL, HORT, SRN, IGT, SOH, SOH, SOH, PUK, GMAL.

RSNC 05 03:34:11.4, 0.0, 13°N, 5°8'11"W, h4km, 4km, M3.2, mb4.1,
mb5.0, ML3.2, Mw(mb)4.3, Caribbean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRVC, ACON, BCIP, GMAL, AZU, CACAO, CAPC, TGUH, SJCC, APAC.

RSNC 05 03:36:52.3, 0.0, 13°N, 8°11"W, h4km, 6km, M3.2, mb4.0,
ML3.2, Caribbean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRVC, ACON, BCIP, AZU.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AZU, CACAO, SJCC, APAC.

NNC 05 04:08:05.5, 2.2, 41°76'N, 81°37'E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=16.2km s-min=12.0km az=171.0
SOME 05 04:08:06.9, 41°67'N, 81°40'E, h35km
ISC 05 04:08:05.3, 0.0, 41°71'N, 0°10.81'E, 0.09, h6km, 14km,
n35, r150/54, 4C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, UZB, UZB, UZB, SATY, SATY, SATY, ZHN, ZHN, ZHN, KPKS, KPKS, KPKS, DJR, DJR, DJR, KURS, KURS, KURS, MDOK, MDOK, MDOK, TNSS, TNSS, TNSS, ARXS, ARXS, ARXS, MTBS, MTBS, MTBS, KTBS, KTBS, KTBS, KST, KST, KST, DGS, DGS, DGS, KRBS, KRBS, KRBS, MK31, MK31, MK31.

5d 5h

IDC 05 04:51:11.8.0.8, 1.28N, 126.39E, h0km, mb4.0/7, m-bmtp4.0/8, ML3.5/1, Error ellipse: s-maj=66.7km s-min=12.8km az=70.0

DJA 05 04:51:14.5.0.3, 1.1N, 137.12E, h10km, M3.6/6, MLV3.8/6, ISC 05 04:51:18.3.0.8, 1.37N, 109.126.69E, 0.09, h47km, n11, a=127/15, mb4.0/7, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include TMTI Ternate, SGTI Sangihe, KMSI Cibinong, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, USRK Ussuriysk Ar., MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array.

ISN 05 04:57:11.5.0.6, 34.68N, 46.24E, h8km, 20km, ML2.8 TEH 05 04:57:12.2.34.60N, 46.23E, h11km, 22km, ML2.7 ISD 05 04:57:12.4.1.0, 34.58N, 104.46E, 23E:0.03, h10km, 9km, n12, c=86/16, Western Tair

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include IDHR Dehrash, IGHZ Ghaleghazi, KGSJ Ghaz-e-Shirin, GLGI Gilan-e-Gharb, ILIN Lien, KCHF Cheshme Sefid, ILBA Ilam Banvizeh, SNQR Sonqor, Kerman, IBZA Bobaz, IBDR Badra, IKRK Kiruk, RAFI Al-Rafi.

IDC 05 05:00:26.4.3.0, 54.29N, 86.93E, h0km, mbmtp2.8/2, ML2.4/2, Error ellipse: s-maj=25.0km s-min=18.3km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array.

NIED 05 05:10:30.8, 31.81N, 128.87E, h1km, MW3.4, Moment Tensor Solution, s3 Moment tensor: Scale: 1e11N, M=0.38, Mw=0.5, Mw=0.18, Mw=0.06, Mw=1.29, Mw=0.12; Fault plane solution: M1:3400x1014 Np1: o1=188.0000, o2=89.0000, o3=174.0000, NP2: o1=98.0000, o2=84.0000, o3=1.0000

JMA 05 05:10:30.8, 0.2, 31.8N, 0.5, 128.9E, 0.6, h1km, MV3.5/26, SW OFF KYUSHU, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include JSJ Shikokoshi, JFU Fukue jima 2, NGSJ Nagasakiomozu, JHD Hondo, JSU Suzuyama.

DJA 05 05:19:29.4, 0.3, 1.3S, 172.0E, h10km, M3.7/9, mb6.6/1, MLV3.7/9, Mw(mb)6.4/1, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include APSI Ampana, MPMSI Mapaga, MRSI Marisa, LUWI Luwuk, ENSI Bone, GTOI Gorontalo, MTKI Muara Teweih.

NEIC 05 05:20:49.5, 1.3, 18.26S, 178.27W, h557km, 8km, mb3.7/15, mbtp4.6/18, Error ellipse: s-maj=14.4km s-min=10.0km az=148.0

IDC 05 05:20:49.4, 0.4, 18.26S, 178.27W, h557km, 8km, mb3.7/15, mbtp4.6/18, Error ellipse: s-maj=14.4km s-min=10.0km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include MSVF Nonsavu, FUTU Fugatoga, AFM Afimatu, DMZ Mont Dzumac, RAR Rarotonga, URZ Urewera, RTZ Ruatuhuna, MRZ Mangatainoka R.

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Main table with columns: PPT, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include Papeete, ARMA Armidale, TOO Tooty, COEN Coen, BBOO Buckleboo, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, PSAA0 Pilbara Seismi, MBWA Marble Bar, MORW Morawa, GIRL Girialli, CASY Casey, ADK Adak, GSPA South Pole Qui, TPUB Tapu, PETK Petropavlovsk, PMPB Monarch Peak, KMRM Mali Ridge, O02D Mt. Diabolo Mer, ESJX Sierra Juarez, KSXB Camp Six Broad, OMMB Old Mammoth Hi, YBH Yreka Blue Hor, KDAK Kodiak Island, WAKR Walker, MPK Martis Peak, HUMO Hull Mountain, PNTR Pine Nut, DSP Deep Springs, YERR Yerington, PIX Pinacate, NVAR Mina Array Bea, NVAR Mina Array Bea, NV11 Mina Array Sit, JOAN Umpqua National TNPN Top of Spring, J05D Fort Rock, OR, H04A Detroit Lake, PRN Pahroc Range, BELA Belgrano 2, BBB Bella Bella, HLID Hailey, TXAR Lajitas Array, TXAR Lajitas Array, ILAR Elean Array, PDAR Pinedale Array, ELIB Princess Elizabeth, SNAAS Sanac, INK Inuvik, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, ANCES ARCESS Array B, EKA Eskdalemuir Ar, BRTR Keskin Array B, MMAI Mount Meron Ar, GERES GERESS Array B, CONA Conrad Observa, RONA Rosalia, Austri, KBA Koelnbreinspr, RETA Reutte, WTKA Wattenberg, WTKA Terra Mystica, SQTA Sankt Quirin, ABTA Abfaltersbach, DAVA Damuels.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include FETA Feichten, ESDC Sonseca Array, TORD Torodi Ar.

RSNC 05 05:22:14.6.0.0, 4.1N, 173.76W, h119km, 3km, M3.0, mb3.9, ML2.8, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include YOTC Yotoco, Valle, ANIL Santa Ana, MALC Bahi Malaga, MALC Bahi Malaga, JAMC Jamundi, Valle, ORTC Ortega, Tolima, NIZA Niza - Manizal, RECR Villamaría, Ca, RECR Villamaría, Ca, GUY2C Guyana, Caldas, PRAC Prado, CBOC Ciudad Bolívar, CBOC Ciudad Bolívar, POPC Popayan, Colom, BETC Betania, NORC Norcasia, NORC Norcasia, ROSC El Rosal, ROSC El Rosal, URMU La Uribe, Meta, GRIC Gorgona, Isla, GRIC Garzon, Huila, GARC Garzon, Huila, SOLC Bahia Solano, CVER Cruz Verde, Cu, CVER Cruz Verde, Cu, BBAC Balboa, Cauca, BBAC Balboa, Cauca, CHIC Chingaza, CHIC Chingaza, VILC Villavicencio, VILC Villavicencio, SPBC San Pablo de B, DBBC Dabeiba, DBBC Dabeiba, FLOC Florencia, FLOC Florencia, CRUC La Cruz, CRUC La Cruz, PUERTO BERRIO, PUERTO BERRIO, GCUF Volcan Galeras, GCUF Volcan Galeras, PTAC Punta Arditá, PTAC Punta Arditá, MACC Macarena, Meta, MACC Macarena, Meta, TUMC Tumaco, TUMC Tumaco, ZARC Zaragoza, Cau, ZARC Zaragoza, Cau, UREC San Jos de Ur, UREC San Jos de Ur, RUSC La Rusia, RUSC La Rusia, CMBC Cumbal, CMBC Cumbal, APAC Apartado, Choc, APAC Apartado, Choc, BRJC Barrancaberme, BRJC Barrancaberme, BARC Barichara, BARC Barichara, CUSE Cuicocha Este, CUSE Cuicocha Este, CAPC Capurgana, CAPC Capurgana, PACI Pacto, Paraso, PACI Pacto, Paraso, PAMC Pamplona, Colo, PAMC Pamplona, Colo, OCAC Ocaña, OCAC Ocaña, AZU Azuero, AZU Azuero, CACA Al Cacao, Vera, CACA Al Cacao, Vera, ARG Arguian, Magd, ARG Arguian, Magd, BCIP Isla Barro Col, BCIP Isla Barro Col.

IDC 05 05:28:18.6, 4.0, 0.97N, 99.52E, h0km, mb3.6/5, mbmtp3.6/5, Error ellipse: s-maj=164.2km s-min=28.7km az=55.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, WRA Warramunga Arr, SONM Songo Array, MKAR Makanchi Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS.

IDC 05 05:29:36.1, 0.2, 1.7, 98S, 178.09W, h586km, 14km, mb3.1/4, mbtp4.1/5, Error ellipse: s-maj=47.1km s-min=29.2km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include MSVF Nonsavu, STKA Stephens Creek, WRA Warramunga Arr.

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

IDC 05:05:29:56.5:2.1, 0.30N:126:31E, h0km, mb3.3/3, mbtmp3.4/3, Error ellipse: s-maj=167.7km s-min=29.6km az=65.0, Northern Molucca Sea

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

AEIC 05:05:51:43.7:1.3, 65.58N:0:03:166.77W:0:04, h9km, mb3.3km, ML3.4, ML3.6/56(NEIC), Error ellipse: s-maj=4.0km s-min=2.4km az=180.0

NEIC 05:05:51:44.0:1.4, 65.55N:0:04:166.75W:0:04, h14km, mb3.3km, Error ellipse: s-maj=5.4km s-min=2.3km az=187.0

ISC 05:05:51:43.9:0.9, 65.55N:0:04:166.76W:0:03, h10km, n123, c081/126, Northern Alaska

Main table for 2018 OCT, columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including Arctic Creek, Tin City, North Star Dit, Nome, Niukuk, Koyuk River, Baldwin Pennin, Gambell, Lisburne Hills, Red Dog Mine, Granite Mounta, Selawik, Tukpalearik C, Unalakleet, Nanvaranak Lak, Delong Mountai, Tagagawik, Anvik River, Kusilvak Mount, Waramunga Arr, Utukok River, Shalercukik Mo, VABM Dome.

Main table for 2018 OCT, columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including VABM Dome, Wolf Creek Mou, Redstone River, Kokolik River, Roundabout Mou, Kuna River, Ungalak Mounta, Kukka Creek, Iditarod, Innoke River, Nigu River, Poorman, Ohwat River, Etivluk River, Donlin, Mekoryuk, Bethel, Dall Lake, Nowinta River, Granite Mounta, Kasigluk River, Timber Creek, Mesade River, Knifblade Rid, Holitna River, Telida, Kuskokwak Cree, Ipkpuk River, White Mountain, Stony River, Ayikyak River, Ayikyak Lodg, Tigaykaiwet M, Kila Creek, Styx River, Reindeer.

NEIC 05:05:55:56.8:1.2, 7:05:0:1:155.74E:0:09, h35km, 2km, mb4.5/28, Error ellipse: s-maj=19.1km s-min=12.8km az=215.0

IDC 05:05:55:58.4:2.8, 6:95S:155:67E, h60km, 23km, mb3.9/16, mbtmp4.2/18, ML2.3/1, MS3.5/10, Error ellipse: s-maj=16.6km s-min=15.7km az=81.0

ISC 05:05:55:56.0:0.4, 6.96S:0:07:155.77E:0:07, h35km, n77, c127/66, mb4.4/29, MS3.4/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists stations in the Bougainville-Solomon Islands region including Rabaul, Honiara, Port Moresby, Patos, Coen, Charters Tower, Mont Dzumac, Mont Dzumac, GUMO, MSVF, Waramunga Arr, WRA, Utukok River, VABM Dome.

Main table for 5d 5h, columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including Alice Springs, WAKE ISLAND HY, WAKE ISLAND HY, WAKE ISLAND HY, STEPHENS CREEK, WAKE ISLAND HY, WAKE ISLAND HY, WAKE ISLAND HY, FITZ, KSR, ASAJ, PPT, USRK, PETK, CM31, CMAR, CHTO, ULN, SONM, SHL, M16K, L18K, L19K, H17K, F19K, E19K, D19K, C19K, QSPA, GSPA, ILAR, B20K, M27K, MK31, MKAR, MKAR, D23K, MAW, L29M, I28M, J30M, J30M, BBB, KURBB, YBH, INK, BVAR, YKA, PDAR, SNAK, ARCES, FINES, PLCA, HFS, GERES, LPAZ, ESDD, BDFB, TORD, TORD, TORD, DZM.

IDC 05:05:58:25.5:3.6, 21:29S:176:44W, h212km, 29km, mb3.6/5, mbtmp4.2/7, Error ellipse: s-maj=33.2km s-min=20.9km az=113.0

NOU 05:05:59:41.7:26:64S:177:16E, h288km, mb4.0/7, South of Fiji Islands

ISC 05:05:58:18.0:0.9, 21:40S:0:10:175:9W:0:2, h154km, n24, c25/23, mb3.9/5, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists stations like MSVF, DZM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, BKZ Black Stump Fm, RPZ Rata Peaks, etc.

RSNC 05 06:06:21.40.0, 13 N 6° 8' 1W, h3km, 6km, M3.2, mb4.1, ML3.2, Caribbean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRVC Isla de Provid, ACON Acopya, etc.

IDC 05 06:09:33.3.1.0, 28° 69'N-81° 60'E, h0km, mb3.7/9, mbmp3.7/10, ML3.6/1, Error ellipse: s-maj=42.2km s-min=20.0km az=60.0

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

IDC 05 06:28:06.5.5.6.6, 17° 59'S-178° 88'W, h542km, 62km, mb3.0/8, mbmp3.9/8, Error ellipse: s-maj=31.3km s-min=23.4km az=147.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMAI Mount Meron Arr, GERES GERES Array B, etc.

IDC 05 06:59:40.9.3.8, 55° 63'N-86° 10'E, h0km, mbmp2.9/2, ML2.5/2, Error ellipse: s-maj=29.9km s-min=29.8km az=24.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 05 07:08:09.6.0.6, 28° 75'N-81° 59'E, h0km, mb4.2/15, mbmp4.1/17, ML3.8/2, MS3.0/1, Error ellipse: s-maj=20.5km s-min=15.2km az=58.0

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

IDC 05 07:08:14.4.4.5, 28° 84'N-81° 54'E, h10km, ML4.0, MW3.8, mb4.4(NEIC)

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

IDC 05 07:08:14.6.0.4, 28° 82'N-0° 03' 81' 57"E, 0.04, h33km, n69, α185° 82, mb4.4/18, Nepal-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALBI Allahabad, JMIU JAMIA UNIVERSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTK G2, GTK G3, etc.

SFS 05 07:12:05.9.3, 36° 83'N-9° 85'W, h2km, ML2.2/8, ML2.5/5, MLV2.0/8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDD 05 07:12:09.4.1.1, 37° 08'N-9° 75'W, etc.

SFS 05 07:12:07.5.2.8, 37° 02'N-0° 08' 978'W, h7km, n11km, n36, α83° 57, Portugal

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

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

IDC 05 08:32:33.0z, 2.0', 20.88S x 178.38W, h493km, 24km, mb3.0/4, mbtmp3.9/5, Error ellipse: s-maj=33.4km s-min=25.8km az=132.0

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

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

INMG 05 08:34:59.1z, 1.4, 36.36N, 13.95W, h25km, ML2.2, Error ellipse: s-maj=13.3km s-min=3.2km az=135.0

CNRM 05 08:35:07.2, 35.97N, 12.99W, h82km, ISC 05 08:34:53.2, 1.4, 36.25N, 13.60W, 0.07, h10km, n31, s=317/33, 6C, Azores-Cape St. Vincent Ridge

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

IDC 05 08:35:49.2z, 3.7, 6.72S, 154.15E, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=167.7km s-min=53.2km az=128.0, Bougainville-Solomon Islands region

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

SOME 05 08:47:26.9, 42.22N, 83.07E, h5km, NNC 05 08:47:28.5, 1.5, 42.20N, 83.05E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=11.6km s-min=6.3km az=154.0

ISC 05 08:47:29.3, 0.42, 11N, 0.1, 83.23E, 0.09, h10km, n20, s=079/28, 3C-1D, Northern Xinjiang

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

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

IDC 05 09:04:04.1z, 2.8, 54.04N, 86.43E, h0km, mbtmp3.3/2, ML2.2, Error ellipse: s-maj=23.6km s-min=14.2km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 146RU, ZALV, ZALV, etc.

IDC 05 09:11:48.2, 1.7, 57.38S, 35.89E, h0km, mb4.0/3, mbtmp4.3/5, ML4.7/2, MS3.1/3, Error ellipse: s-maj=29.8km s-min=16.5km az=96.0

NEIC 05 09:11:49.8z, 2.1, 5.55S, 0.1, 35.9E, 0.1, h10km, 2km, mb4.4/3, Error ellipse: s-maj=24.0km s-min=13.0km az=318.0

ISC 05 09:11:49.8, 0.8, 5.44S, 0.05, 35.81E, 0.08, h9km, n18, s=1526/19, mb3.4/5, Tanzania

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

IDC 05 09:11:49.8, 0.8, 5.44S, 0.05, 35.81E, 0.08, h9km, n18, s=1526/19, mb3.4/5, Tanzania

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

IDC 05 09:11:49.8, 0.8, 5.44S, 0.05, 35.81E, 0.08, h9km, n18, s=1526/19, mb3.4/5, Tanzania

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

NOU 05 09:13:59.0, 36.24S, 177.99E, h301km, MLv3.8/8, Off E. Coast of N. Island, N.Z.

WEL 05 09:14:1.8, 0.9, 37.5z, 7x17.8Ez, h200km, 6km, M3.4/3, ML3.6/6, MLV3.4/3, Error ellipse: s-maj=0.0km s-min=0.0km az=46.0, confirmed

ISC 05 09:14:05.2, 2.7, 36.6S, 0.1, 177.7E, 0.1, h247km, 13km, n98, s=295/105, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Te Karaka, Mount Tarawera, Carnagh Station, etc.

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

IDC 05 10:34:19.4, 1.0, 8.45N: 103:58W, hOkm, mb4.0/6, mbmp2.0/6, MS4.0/6, Error ellipse: s-maj=55.5km

GCMT 05 10:34:22.0, 0.3, 8.43N: 103:68W, 0.02, h12km, MW4.9/96, Moment Tensor Solution, s19c21, s96c137; Duration: 0 Moment tensor: Scale 1016Nm; Mrr-0.06;07; Mbb-0.73;06; Mbb-0.67;08; Mbb-1.39;20; Mbb-2.10;05; Mbb-0.02;19; Best double couple: Ms2.68000x10^16 Np1.261.00000, s89.00000, A148.00000. NP2: Ms352.00000, s58.00000, A2.00000. Principal axes: T 2.7180, Plg23.0000, Azm78.0000; P -2.4980, Plg21.0000; Azm311.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

NEIC 05 10:34:24.1, 1.5, 8.6N: 103:17W, 0.1, h10km, 2km, mb4.7/204 Error ellipse: s-maj=21.3km s-min=16.4km az=243.0

ISC 05 10:34:23.5, 0.5, 8.42N: 103:23W, 0.07, h19km, n260, s1616/216, mb4.7/97, MSZ/0.4/3, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLIG Tiapa, MOIG Morelia, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESJX Sierra Juarez, AMTX Amarillo, ANMO Albuquerque, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U15A North Rim, V12A Nelson, ATAH Atahualpa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISA Isabela, LKE Lake, MTPU Mount Pierson, etc.

IDC 05 09:25:52.5, 2.5, 5.40S: 152:70E, hOkm, mb3.3/3, mbmp3.4/3, Error ellipse: s-maj=184.2km s-min=31.9km az=128.0, New Britain region

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

IDC 05 09:43:14.5, 1.2, 18:98N:95:50E, hOkm, mb3.9/6, mbmp3.9/6, ML2.9/1, Error ellipse: s-maj=36.1km s-min=15.0km az=37.0

NEIC 05 09:43:17.0, 1.3, 18:94N:10:09:55E:0.10, h10km, 2km, mb4.2/3 Error ellipse: s-maj=18.4km s-min=11.5km az=227.0

ISC 05 09:43:16.8, 0.8, 19:0N: 02:95:51E:0.08, h13km, n14, s083/16, mb3.9/9, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHTO Chiang Mai, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TX31 Lajitas Arr, TX4R Lajitas Arr, TXAR Lajitas Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DRIO Del Rio, HNDO Hondo, SAND Sanderson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NV11 Mina Array Sit, DUG Dugway, TCU Toone Canyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bay, NVAR Mina Array Bay, NVAR Mina Array Bay, etc.

NNC 05 10:20:28.5, 0.5, 51:79N: 75:44E, hOkm, mb3.1, mpv2.6, Error ellipse: s-maj=21.8km s-min=2.9km az=26.0, Suspected Mining explosion.

IDC 05 10:20:34.6, 1.1, 51:74N: 75:79E, hOkm, mbmp2.5/4, ML2.0/4, Error ellipse: s-maj=26.0km s-min=9.1km az=29.0

ISC 05 10:20:30.7, 1.1, 52:27N: 0:09:76:40E:0.08, hOkm, n9, s0544/7, 4C-2D, Eastern Kazakhstan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DKN5 Dickens, DKN5 Dickens, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCMC Marconi Center, PD31 Pinedale Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U56A King, U56A King, etc.

Table with columns: Station Name, Frequency, Bandwidth, Mode, Power, etc. Includes stations like BERE Bereket-Mersin, NATA NATA, DEMR Demre-Antalya, etc.

Table with columns: Station Name, Frequency, Bandwidth, Mode, Power, etc. Includes stations like MANT Manisa, GEDZ Zeytin, AYDB Zeytinokoy-Aydi, etc.

Table with columns: Station Name, Frequency, Bandwidth, Mode, Power, etc. Includes stations like ABKAR Akbulak array, FIA1 FINESSE Array B, FINES FINESSE Array B, etc.

5d 11h

Table with columns: JYNG, Yonagunijimaku, 0.31 293 eP, Pn, 11 37 46.0 0.0, IRIF, Iriomote-Funau, 0.42 89 P, Pn, 11 37 46.9 +0.2, etc.

MIRAS 05 11:43:20.5,56'98N-61°34'E, h0km, ML2.7/3, 1C, Ural

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SVE, Sverdllovsk, 0.42 249 i P, P, 11 43 28.1 -0.3, etc.

NEIC 05 11:46:13.0±1.5, 43°44'S-0°04'72"OW, 0.1, h163km, 4km, mb4.3/36, Error ellipse: s-maj=11.7km s-min=5.0km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, LL02, Futaleuf, 0.25 63 P, Pn, 11 46 36.7 +0.3, etc.

ISC 05 11:46:13.5±0.6, 43°31'S-0°03'72"16W, 0.06, h171km, 5km, n96, ±1930/118, mb4.2/17, 16D, Southern Chile

Main table of station data for the first section, including columns for Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various station identifiers like LL02, LL02, LL02, etc.

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Table with columns: G002, Mina Guanaco, 18.22 7 Iamb, P, 11 50 15.7 +1.7, G002, comp=Z,12nm,0.6s, IPOC Station P, 18.69 5 P, P, 11 50 20.3 +1.1, etc.

Code Station Name Δ° AZ° Phase ID Time Res

Main table of station data for the second section, including columns for Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various station identifiers like G002, G002, PB14, etc.

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Table with columns: BLGI, Bet Lehem HaGe, 0.34 248 S, Sb, 11 49 47.7 -1.0, IZRL, Izrael, 0.36 214 P, P, 11 49 42.1 +0.6, etc.

Code Station Name Δ° AZ° Phase ID Time Res

Main table of station data for the third section, including columns for Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various station identifiers like BLGI, IZRL, GEM, etc.

KRNET 05 11:53:18.4±0.1, 42°12'N-77°81'E, h19km, mb2.1, SOME 05 11:53:18.9, 42°13'N-77°80'E, h10km, HNTI, Hanita, 0.39 304 S, Sb, 11 49 46.7 +0.8, etc.

Code Station Name Δ° AZ° Phase ID Time Res

Main table of station data for the fourth section, including columns for Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, and various station identifiers like TARG, TARG, KDJ, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KUUR Kurty, KUUR Kurty, ARXS Arharly, etc.

IDC 05 11:57:36.4, 0.8, 54.1, 14N:169.29E, h0km, mb3.6/13, mbtmp 3.7/15, ML3.9/2, MS2.8/2, Error ellipse: s-maj=26.1km s-min=15.4km az=177.0

MOS 05 11:57:37.3, 0.7, 53.82N:169.37E, h38km, mb4.3/2, Error ellipse: s-maj=11.4km s-min=6.0km az=18.0

NEIC 05 11:57:38.5, 1.6, 53.9N:0.2, 169.4E:0.1, h10km, 2km, mb4.3/39, Error ellipse: s-maj=26.1km s-min=10.9km az=3.0

KRSC 05 11:57:39.7, 1.7, 53.84N:169.85E, h40km, 25km, ML4.2, ISC 05 11:57:38.7, 0.5, 53.91N:0.06, 169.28E:0.04, h17km, n142, c126/144, mb4.1/22, Komandorsky Islands region

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Bering, Shemya Is, Ala, Krutoberegovo, etc.

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Bethel, Wolf Creek Mou, Sand Point, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KURBB Kurchatov Arra, KURKB Kurchatov, etc.

IDC 05 12:04:55.9, 0.4, 8.92N:0.06, 126.04E:0.09, h66km, n129, c077/126, mb4.6/60, Mindano

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like DAV Davao City (W), TINTI Ternate, etc.

5d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KARAR Karatay Array, AMKA Amchitka, BVAR Borovoye Array, etc.

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

SOME 05 12:28:20.4, 44.15N, 81.27E, h20km
NMC 05 12:28:20.0, 0.7, 44.26N, 81.20E, h0km, mb3.8, mpv3.6,
Error ellipse: s-maj=8.0km s-min=3.2km az=127.0

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

IDC 05 12:39:30.4, 7.3, 18.66S, 179.50W, h600km, 78km,
mb2.7/3, mbtmp3.5/4, Error ellipse: s-maj=346.4km
s-min=46.8km az=22.0, Fiji Islands region

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

IDC 05 12:48:00.0, 0.15, 15.0N, 44.96W, h0km, mb3.9/10,
mbtmp3.9/11, ML3.5/1, MS3.5/1, Error ellipse:
s-maj=24.4km s-min=19.7km az=150.0

NEIC 05 12:48:01.7, 1.1, 15.0N, 0.1:44.7W, 0.2, h10km, 1km,
mb4.6/5.9, Error ellipse: s-maj=28.7km s-min=20.0km
az=131.0

IDC 05 12:48:02.3, 0.5, 15.01N, 0.10:44.9W, 0.1, h14km, n105,
d071176, mb4.5/42, MS3.5/30, 3C, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MDP Montagnes des, BOAV Boa Vista, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAKZ Makanchi Array, MK31 Makanchi Array, etc.

IDC 05 12:48:02.3, 0.5, 15.01N, 0.10:44.9W, 0.1, h14km, n105,
d071176, mb4.5/42, MS3.5/30, 3C, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MDP Montagnes des, BOAV Boa Vista, etc.

IDC 05 12:48:02.3, 0.5, 15.01N, 0.10:44.9W, 0.1, h14km, n105,
d071176, mb4.5/42, MS3.5/30, 3C, Northern Mid-Atlantic Ridge

IDC 05 12:48:02.3, 0.5, 15.01N, 0.10:44.9W, 0.1, h14km, n105,
d071176, mb4.5/42, MS3.5/30, 3C, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MDP Montagnes des, BOAV Boa Vista, etc.

IDC 05 12:14:39.7, 5.0, 23.36N, 94.14E, h0km, mb3.5/4,
mbtmp3.5/4, Error ellipse: s-maj=429.0km
s-min=23.3km az=60.0, Myanmar-India border region

IDC 05 12:14:39.7, 5.0, 23.36N, 94.14E, h0km, mb3.5/4,
mbtmp3.5/4, Error ellipse: s-maj=429.0km
s-min=23.3km az=60.0, Myanmar-India border region

IDC 05 12:14:39.7, 5.0, 23.36N, 94.14E, h0km, mb3.5/4,
mbtmp3.5/4, Error ellipse: s-maj=429.0km
s-min=23.3km az=60.0, Myanmar-India border region

Table with station call letters (e.g., ATAH, DBIC, TKL), frequencies, and other technical data. Includes a large section of empty rows at the bottom.

Table of radio stations including call letters (IL31, ILAR), frequencies, and technical parameters.

GUC 05 12:52:39.2:0.4, 24*27S:67*46W, h213km₂7km, ML3.7, 1C, Chile-Argentina border region

Table of stations in the Chile-Argentina border region, including call letters (AF01, G002) and frequencies.

NOU 05 13:17:45.4, 22*46S: 171°03E, h0km, MLV4.2/8, Southeast of Loyalty Islands

NOU 05 13:17:45.4, 22*46S: 171°03E, h0km, MLV4.2/8, Southeast of Loyalty Islands

ISD 05 13:18:10.1-1.1, 19.9S:02i-169.2E:02i, h35km, n13, 1560/12, Vanuatu Islands

Table of stations in the Vanuatu Islands region, including call letters (MARNC, WATMC) and frequencies.

NEIC 05 13:29:36.8:2.0, 36°729N:0°10:121°38W:0.01, h19km₂2km, Error ellipse: s-maj=1.7km s-min=1.4km

NEIC 05 13:29:36.8:2.0, 36°729N:0°10:121°38W:0.01, h19km₂2km, Error ellipse: s-maj=1.7km s-min=1.4km

NCEDC 05 13:29:37.5:2.0, 36°753N:0°10:121°35W:0.01, h11km₂4km, Mwr3.8, ML3.7/100(NEIC), Mwr3/93(NEIC), Error ellipse: s-maj=1.6km s-min=1.4km az=65.0, Central California

Table of stations in Central California, including call letters (SAO, HJSM) and frequencies.

Table of radio stations including call letters (LRC, CC0B, ARN) and frequencies.

5d 14h

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Seigler Mounta, Bitter Crk WRF, Nojocu County, etc.

RSNC 05 13:47:13.4 0.8, 5N.3, 82°2'W, h0km, M3.2, mb3.9, mb4.6, ML2.6, Mw(m)3.8, South of Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EI Cacao, Vera, Gorgona, Isla, Bahía Malaga, etc.

RSNC 05 13:47:52.1 0.0, 4N.2, 77°4'W, h43km, 8km, M1.2, ML1.2, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Villavicencio, La Uribe, Meta, Prado, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Santa Ana, Villamaria, Ca, Macarena, Meta, etc.

IDC 05 14:08:34.4 1.3, 1.58S; 120.62E, h0km, mb3.2/4, mbmp3.5/3, ML3.1/1, Error ellipse: s-maj=53.2km s-min=21.3km az=71.0

DJA 05 14:07:36.7 0.3, 2.2S; 120.0E, h10km, M4.0/11, mb4.0/3, MLV3.9/11

ISC 05 14:08:38.5 1.1, 1.63S; 0.07°120.5E, h1, h23km, n13, m194/4, mb3.4/4, Sulus

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

NEIC 05 14:32:48.6 2.6, 15.99S; 0.08°71.9W, 0.1, h115km, 9km, mb4.1/4, Error ellipse: s-maj=17.9km s-min=11.2km az=96.0

VAO 05 14:32:50.7 1.0, 16.09S; 71.64W, h144km, 6km, mb4.2, IDC 05 14:32:55.8 4.9, 16.04S; 71.13W, h167km, 32km, mb3.8/7, mbmp4.2/9, Error ellipse: s-maj=56.9km s-min=18.4km az=122.0

ISC 05 14:32:50.3 0.5, 16.06S; 0.06°71.58W, 0.07, h133km, n64, m194/4, mb4.2/15, 5C, Southern Peru

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arawaca, MT, Pontes a Lacer, etc.

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

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

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

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

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

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

RSNC 05 14:46:03.8 0.0, 13°N.6, 81°15'W, h17km, 6km, M3.5, mb4.3, ML3.5

IDC 05 14:46:06.5 1.6, 13.34N; 81°51'W, h0km, mb3.7/5, mbmp3.8/7, ML3.9/2, MS3.2/5, Error ellipse: s-maj=37.0km s-min=27.9km az=101.0

ISC 05 14:46:04.3 0.7, 13.16N; 0.05°81.15W, 0.05, h10km, n23, m231/27, mb3.5/5, MS3.0/3, Caribbean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Isla de Provid, Acoyapa, Isla Barro Col, etc.

RSNC 05 14:55:01.4 0.0, 13°N.5, 81°15'W, h16km, 6km, M3.4, mb4.2, ML3.4

IDC 05 14:55:04.5 1.9, 13.18N; 81°55'W, h0km, mb3.8/3, mbmp3.8/5, ML3.6/2, MS2.8/2, Error ellipse: s-maj=49.7km s-min=27.4km az=118.0

ISC 05 14:54:59.0 0.8, 13.25N; 0.06°81.02W, 0.05, h10km, n18, m208/27, mb3.6/3, Caribbean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Isla de Provid, Acoyapa, Isla Barro Col, etc.

BGR 05 14:59:40.4, 5.795s, 12.79W, h33km, mb4.7
MOS 05 14:59:41.0, 4.0, 5.62S, 11.47W, h10km, mb5.2/76
M55.1/15, Error ellipse: s-maj=8.8km, s-min=4.0km
az=67.7
IDC 05 14:59:42.0, 0.5, 5.59S, 11.45W, h0km, mb4.5/28,
mbmp4.5/29, ML3.7/1, MS5.1/71, Error ellipse:
s-maj=18.4km s-min=11.9km az=118.0
NEIC 05 14:59:44.6, 5.65S, 11.50W, h12km
NEIC 05 14:59:44.1, 1.8, 5.69S, 0.08x, 11.53W, 0.08, h10km, 1km,
mb5.3/107, Ms 2.0, 5.3/318, Mw5.8/36, Error ellipse:
s-maj=15.1km s-min=12.3km az=145.0
IPGP 05 14:59:44.0, 0.5, 5.59S, 11.50W, h9km, Mw5.6, Fault plane
solution: N1P1: 154.00000, 853.00000, -109.00000.
NP2: 4.00000, 641.00000, -66.00000.
NEIC 05 14:59:44.6, 5.85S, 11.40W, h12km, Moment Tensor
Solution. Duration: 452 Moment tensor: Scale 1017Nm;
Mn-3.01; Mw-0.01; Ms3.02; Mo-3.10; Mx-0.44; My-4.95;
Fault plane solution: Mo6.58000*1017 NP1:
0.151.15000, 876.96000, -9.951000. NP2: 0.774000,
816.09000, -54.50000. Principal axes: T 6.4153,
Pg131.0000, Azm249.0000, N 0.3384, P19.0000,
Azm153.0000; P -6.7537, P157.0000, Azm49.0000;
M5.0000; GCMT 05 14:59:49.1, 0.1, 5.64S, 0.01x, 11.45W, h12km, Mw5.7/169,
Moment Tensor Solution: s135.020, s163.0507,
Duration: 116 Moment tensor: Scale 1017Nm;
Mn-3.45+0.03; Mw-0.06+0.03; Ms3.51+0.02; Mo4.07+0.08;
Mx-0.60+0.22; My-1.31+0.07; Best double couple:
Ms3.79500*1017 NP1: 154.00000, 856.00000,
-95.00000. NP2: 0.175.00000, 635.00000,
-83.00000. Principal axes: T 3.8650, P111.0000,
Azm80.0000; N -0.1460, P14.0000, Azm349.0000; P
-3.7240, P179.0000, Azm240.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface/mantle
waves, cutoff=50s. Triangular moment-rate function
ISC 05 14:59:44.2, 0.3, 5.70S, 0.05x, 11.47W, 0.05, h13km, n718,
r156/516, mb5.1/175, MS5.3/232, 60C-10D, Ascension
Island region

Table with columns: Code, Station Name, Azimuth (Az), Phase ID, Time (ISC, h, m, s), Residual (ISC), and other parameters. Rows include stations like ASCN, H10N2, H10N1, SHEL, DBIC, TOR, etc.

Table with columns: Station Name, Azimuth (Az), Phase ID, Time (ISC, h, m, s), Residual (ISC), and other parameters. Rows include stations like MDP, PFVI, PBVD, MORF, MORF, etc.

Table with columns: Station Name, Azimuth (Az), Phase ID, Time (ISC, h, m, s), Residual (ISC), and other parameters. Rows include stations like RJF, PAOL, SSB, SSB, SSB, etc.

Table with 5 columns: Station Name, Frequency, Band, Class, and other details. Includes stations like Palmer Station, GOF Borg, G65A Princeton, VORD Vinton, etc.

Table with 5 columns: Station Name, Frequency, Band, Class, and other details. Includes stations like HODGE Hodges, TGUH Tegucigalpa, SFJD Kangarissuq, U54A Nelsons Funny, etc.

Table with 5 columns: Station Name, Frequency, Band, Class, and other details. Includes stations like MNGI Mangalore, U38A Gravette, BTK Batken, HKT Hockley, etc.

Table of station data for the left column, including station names like BURAR, ENN, KSV, MORSHIN, SORM, LL02, LUBAR, VNA1, etc., with associated coordinates and parameters.

Table of station data for the middle column, including station names like HHAR, BTK, KKAR, TRKS, BVAR, AAK, NRRN, BOOM, AMST, UESV, KURBS, etc., with associated coordinates and parameters.

Table of station data for the right column, including station names like LCND, CDSN, CDSN, CDSN, CDSN, etc., with associated coordinates and parameters.

AUST 05 15:14:58.7, 0.4, 34.2, 2.1, 17.7E, h3km, 1km, mb3.6/1, ML2.7/6, Error ellipse: s-maj=4.9km s-min=3.4km az=11.0 CUPWA 05 15:14:59.2, 0.6, 34.3, 39.5, 116.80E, h2km, 9km, Region:

WESTERN AUSTRALIA ISC 05 15:14:58.6, 0.9, 34.3, 38.5, 0.0, 4.116, 80E, 0.02, h5km, 5km, n2, -0.8/32, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like LM01, LM02, LM03, etc.

IDC 05 15:20:05.8, 43.0, 15.97S, 172.61W, h0km, mb4.8/3, mbmp4.8/3, Error ellipse: s-maj=827.1km s-min=183.9km az=79.0

NEIC 05 15:20:18.8, 2.4, 16.6S, 0.1, 173.3W, 0.2, h35km, 2km, mb4.5/17, Error ellipse: s-maj=31.9km s-min=14.5km az=135.0

ISC 05 15:20:16.1, 1.2, 16.4S, 0.2, 173.2W, 0.2, h32km, n23, -0.95/23, mb4.5/10, Tonga Islands

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

HEL 05 15:47:19.4, 0.2, 67.60N, 34.06E, h0km, ML1.5, Suspected explosion, Baltic States-Belarus-Northwestern Russia

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

SNET 05 15:21:01.8, 0.9, 12.78N, 88.07W, h75km, ML3.3, CATAC 05 15:21:02.0, 0.3, 12.81N, 88.15W, h58km, 6km, ML3.2

ISC 05 15:21:01.8, 1.4, 12.82N, 0.07, 88.13W, 0.04, h79km, 10km, n29, -0.875/0, ID, Off coast of central America

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

HEL 05 15:47:25.4, 0.4, 67.84N, 20.11E, h0km, ML0.9, Suspected explosion, Sweden

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

Table with columns: PAJU, Pajala, PG, Pn, 15 47 50.7 -1.7, etc.

IDC 05 15:48:22.1±0.7, 10.96Sx12.26E, h0km, mb4.0/13, mbmp4.1/15, ML3.4/2, MS4.1/1, Error ellipse: s-maj=23.9km s-min=15.8km az=80.0

ISC 05 15:48:22.6±0.5, 11.16Sx0.07x12.27E:0.09, h10km, n39, ±2518/34, mb4.2/17, 4C, South Atlantic Ocean

Main table for 5J 16h with columns: Code, Station Name, Az, Op, Phase ID, Time Res, etc.

IDC 05 16:00:22.2±1.0, 28.71N±81.46E, h0km, mb3.8/7, mbmp3.7/9, ML3.6/2, Error ellipse: s-maj=40.6km

Table for 5J 16h (continued) with columns: Code, Station Name, Az, Op, Phase ID, Time Res, etc.

Table for 2018 OCT (continued) with columns: BHPL, eS, Sn, 16 03 16.4 -2.0, etc.

SKHL 05 16:01:32.3±0.3, 45.20N±150.10E, h99km±4km, mb4.6/4, msh5.3/3

JMA 05 16:01:35.9±0.8, 45°N±4'x14°9E±', h151km, MV3.5/12, SE OF ETOROFOU

IDC 05 16:01:37.9±0.9, 45.02N±149.25E, h122km, 85km, mb3.2/2, mbmp3.6/4, ML3.5/2, Error ellipse: s-maj=229.1km

ISC 05 16:01:34.6±1.9, 45.15N±101.1497E:0.1, h100km, n25, ±2515/29, Kuril Islands

Main table for 2018 OCT (continued) with columns: Code, Station Name, Az, Op, Phase ID, Time Res, etc.

IDC 05 16:03:41.4±2.6, 5.37S±153.69E, h0km, mb3.1/2, mbmp3.3/3, ML1.3/1, Error ellipse: s-maj=124.1km

ISC 05 16:03:31.9±1.0, 19.66N±0.02°71'29W±0.03, h18km±3km, n25, ±0.93/39, 6C-10D, Dominican Republic region

Table for 2018 OCT (continued) with columns: Code, Station Name, Az, Op, Phase ID, Time Res, etc.

SSNC 05 16:06:28.6±0.8, 0.9184N±70.98W, h13km±6km, MD3.5, ML3.1

Table for 2018 OCT (continued) with columns: Code, Station Name, Az, Op, Phase ID, Time Res, etc.

Main table for 2018 OCT (continued) with columns: LUDR, comp=E, 15µm, 0.3s, IAML, 16 06 47.9, etc.

IDC 05 16:11:30.1±0.8, 83.76N±114.60E, h0km, mb3.8/11, mbmp3.8/11, MS3.6/1, Error ellipse: s-maj=24.7km

ISC 05 16:11:31.0±0.6, 83.64N±114.92E:0.09, h10km, n31, ±121/31, mb4.2/19, North of Severnaya Zemlya

Table for 2018 OCT (continued) with columns: Code, Station Name, Az, Op, Phase ID, Time Res, etc.

5d 18h

Table with columns: MLSB, Station Name, Time, Res, ISC. Includes entries for Milas, Mula-Seydike, Kalymnos, Karpathos, etc.

KRSC 05 17:47:05.4±1.4, 48.47N×155.57E, h4km, 27km, MI3.7, Kuril Islands

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for SKR Severo-Kuril's, GRL Gorelyy, DALK Dalny, etc.

CATAC 05 17:48:43.7±0.5, 14°18'N-91°82'W, h58km, 6km, ML3.9

SNET 05 17:48:44.1±1.2, 14°18'N-91°70'W, h65km, 18km, ML3.7

GCG 05 17:48:45.4±0.5, 14°40'N-91°68'W, h73km, MD3.7

ISC 05 17:48:45.2±2.0, 14.25N-07.9174W, h71km, 9km, n44, c0.96/72, 2D, Guatemala

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for SULM Suchitepequez, RTAL Retalhuleu, STG3 Santiaguillo, etc.

2018 OCT

Main table with columns: Code, Station Name, Time, Res, ISC. Includes entries for NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

SKHL 05 17:49:26.1±0.3, 44°80'N, 146°06'E, h58km, 3km, mb3.5/3

JMA 05 17:49:25.8±0.3, 43.55N, 0.9±14.6E, h104km, 2km, MV1.9/23, NEAR KUNASHIRI ISLAND, Kuril Islands

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for NEM2 Nemuro 2, YUK Yuzh-Kuril'sk, YUK YUK, etc.

IDC 05 17:51:08.2±1.1, 9°34'S-159°04'E, h0km, mb4.2/9, mbmp4.2/9, MS2.0/1, Error ellipse: s-maj=35.7km

s-min=23.4km az=103.0, NEIC 05 17:51:11.3±1.2, 9.55S, 0.3±159.02E, h10km, 8km, mb4.3/15, Error ellipse: s-maj=45.3km s-min=6.6km

az=177.0, ISC 05 17:51:12.2±0.7, 9.45S, 0.1±159.06E, h27km, n26, c0.80/28, mb4.4/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for HNR Honiara, COEN Coenen, CTA Charters Tower, etc.

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Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

NAO 05 17:59:55.9±2.0, 76°59'N, 6°94'E, ML2.9

FCIAR 05 17:59:57.0, 76°49'N, 7°59'E, h10km

BER 05 17:59:59.0±4.4, 76°59'N, 7°34'E, h15km, 14km, mb(Pn)4.0, ML2.9(NAO), Confirmed Earthquake

DNK 05 18:00:02.7, 76°59'N, 7°35'E, h36km, 51km, ML 1.9

KOLA 05 18:00:02.7, 76°59'N, 9°13'E, h0km, ML2.2, Error ellipse: s-maj=17.3km s-min=12.0km az=50.0, Greenland sea

ISC 05 17:59:55.1±1.6, 76.72N, 0.05±7.05E, 0.04, h13km, n11km, n34, c1.91/62, Svalbard region

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for HSPB Hornsund (broa), HSPB Hornsund (broa), HSPB Hornsund (broa), etc.

ISN 05 18:06:34.6±1.1, 34°60'N, 46°13'E, h0km, 36km, ML2.6

ISN 05 18:06:35.2±34.60N, 46°18'E, h10km, 41km, ML2.6

ISC 05 18:06:37.0±1.0, 34.32N, 0.04±46.20E, 0.04, h10km, n12, c1.64/16, Western Iran

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for IDHR Dehrash, IDHR Dehrash.

5d 18h

2018 OCT

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Table with columns: HNS, HongShan, 86.12, 28, ↑P, P, 18 28 51.2 -0.8, etc. Lists various astronomical objects and their coordinates.

Table with columns: Q20K, Shuyak Island, 144.83, 45, P, PKPbc, 18 35 46.7 +0.2, etc. Lists astronomical objects with specific identifiers and coordinates.

Table with columns: CTG, Chitna Glacier, 149.83, 39, P, PKPbc, 18 36 00.6 -0.1, etc. Lists astronomical objects with specific identifiers and coordinates.

ISC 05 18:40:12.8±1.0, 32.57N±141.06E, h0km, mb3.9/9, mbmp3.9/12, ML3.3/3, MS3.3/1, Error ellipse: s-maj=27.4km s-min=16.9km az=71.0 JMA 05 18:40:30.3±0.3, 32.7N±141.1E, h48km, MV3.9/22, E OFF HACHUJIMA ISLAND NEIC 05 18:40:20.2±4.3, 32.65N±140.09±140.89E±0.09, h48km, 8km, mb4.5/23, Error ellipse: s-maj=12.3km s-min=10.6km

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

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like Tongmen, Zhushan, Renai, Tuku, etc.

Main table of seismic events with columns for station name, magnitude, time, and location. Includes stations like MKAR, H1N1, H1N2, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like URZ, CNZG, SHANNON, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, UXUV, Matias Romero, Comitan, Huatulco, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEIG, PLIG, CAIG, ARIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KEV, ZFI2, OMEGA, BER 05:20:56, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like Nakonsritamara, Petropavlovsk, SURA, PEAOB, PETK, SURI, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like CHIR, ELIB, R16K, ZEA, ZIA, SII, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like M18K, L18K, L18K, O02D, K17K, J16K, etc.

5d 21h

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SOMM Songino Array, KAIM Kayak Island, and many others.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like F19K Shalerucik Mo, M29M Somme Creek, and many others.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like M29M Somme Creek, Q32M Nakina River, and many others.

5d 21h

Table with columns: UBR, Ueberruh, 149.57 332 ePKPbc, PKPbc, 21 28 15.9 -0.6, etc.

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

IDC 05 21:13:12.6, 3.1, 22:06S; 169:73E, h0km, mb3.9/3, mbmp3.8/4, ML3.2/1, Error ellipse: s-maj=142.5km, s-min=31.9km az=164.0

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

NOU 05 21:17:00.0, 21:89S; 170:16E, h0km, MLV4.5/7, Southeast of Loyalty Islands

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

NOU 05 21:17:09.6, 1.9, 22:12S; 0:07, 169:55E; 0:08, h10km, 1km, mb4.4/13, Error ellipse: s-maj=13.3km s-min=9.9km az=230.0

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

NOU 05 21:17:07.4, 0.6, 21:89S; 0:08, 169:82E; 0:08, h25km, n59, n1933/53, mb4.1/14, Southeast of Loyalty Islands

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

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

2018 OCT

Table with columns: ARCES, ACCESS Array B, 127.76 345 PKP, PKIKP, 21 36 09.9 -0.7, etc.

IDC 05 21:19:02.2, 1.1, 21:83S; 169:74E, h0km, mb3.7/5, mbmp3.7/6, Error ellipse: s-maj=44.5km s-min=25.1km az=163.0

ISC 05 21:19:03.9, 1.0, 21:85S; 0:3k, 169:7E; 0:1, h10km, n8, n1519/9, mb3.8/5, Southeast of Loyalty Islands

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

IDC 05 21:23:10.6, 0.7, 21:98S; 169:75E, h0km, mb4.3/10, mbmp4.3/11, ML3.8/1, Error ellipse: s-maj=22.8km s-min=21.2km az=156.0

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

NOU 05 21:23:15.0, 1.9, 22:16S; 0:09, 169:46E; 0:07, h10km, 1km, mb4.8/44, Error ellipse: s-maj=14.7km s-min=10.5km az=164.0

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

NOU 05 21:23:15.9, 0.2, 21:88S; 169:38E, h6km, mb5.0/28, Southeast of Loyalty Islands

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

NOU 05 21:23:15.9, 0.4, 22:07S; 0:06, 169:60E; 0:05, h25km, n139, n1547/143, mb4.8/34, 6C-10D, Southeast of Loyalty Islands

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

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

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Table with columns: WRA, Warramunga Arr, 33.08 268 P, 21 29 39.4 -0.5, etc.

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like BC/BA, WATA, WT/TA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like NYDR, NYDR, NYDR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations like ATH, ATHU, VLY, etc.

NOU 05 21:26:41.4, 21.73S; 170:74E, h0km, MLV4.2/7, Southeast of Loyalty Islands

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

ISC 05 21:26:59.5-0.8, 21.5S; 02:169.46E, 0.09, h21km, n27, 01513/29, mb3.8/6, Southeast of Loyalty Islands

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

IDC 05 21:32:18.9-1.8, 22.239S; 169.92E, h0km, mb3.8/5, mbmp3.8/6, ML3.4/1, Error ellipse: s-maj=87.3km

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

ISK 05 21:30:23.9, 36.96N; 27.80E, h5km, ML1.1/3, Decadence Islands

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

ISC 05 21:34:37.0-0.8, 21.86S; 169.79E, h0km, mb4.1/10, mbmp4.1/11, ML4.0/1, Error ellipse: s-maj=25.7km

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

IDC 05 21:34:37.0-0.8, 21.86S; 169.79E, h0km, mb4.1/10, mbmp4.1/11, ML4.0/1, Error ellipse: s-maj=25.7km

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

JMA 05 21:36:47.0, 0.3, 23°N, 3°14'6"E, h0km, FAR E OFF OGASAWARA

Main table listing various stations and their coordinates, including Noumea (NOU), Noumea (NOUC), Noumea (NSAV), etc.

5d 23h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CJJ Chichijima, GUMY Guam, JRO Hitachi, etc.

2018 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UNCR Uncukul, UNCR 120nm,0.2s, BUJR Buynask, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKT Akhty, AKT 300nm,0.2s, SIZA Siza, etc.

MOS 05 21:47:32.6, 43°13N, 46°37E, h6km, MPVA3.7
NORS 05 21:47:33.0, 43°13N, 46°36E, h9km, MPVA3.8
DRS 05 21:47:33.5, 43°08N, 46°39E, h6km

NEIC 05 22:25:25.1, 1.6, 36°41N, 0°10:98'80W, 0°02, h5km, 1km,
Error ellipse: s-maj=3.1km s-min=2.5km az=13.0
NEIC 05 22:25:26.1, 2.1, 36°44N, 0°02:98'79W, 0°02, h6km, 2km,
ML2.0/12, ML2.7, Error ellipse: s-maj=2.7km
s-min=1.6km az=206.0, Oklatina

NNC 05 23:16:60.0, 1.8, 54°20N, 86°39E, h0km, mb3.9, mpv3.1,
9C-1D, Error ellipse: s-maj=26.3km s-min=8.8km
az=173.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DLMR Dylm, DLMR 156nm,0.2s, DVE Vedeno, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like QASAR Qusar, QASAR 0.12 207 P, KSMR Kasumkent, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO 0.7nm,0.4s, ZAAO 12nm,1.1s, etc.

6d 0h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BRDA, AGDM, URKAR, YRD, LRD, QRD, ASTR, SGKR, SGKR, LRK, KMKR, ZKTA, GANJ, GNBR, ARKR, BUJR, XNZR, HNZR, UNCR, KRNR, GDB, DBC, DLMR, QZX, ORD, SHAB, DVE, GNI, KBZ, KVAR, AB31, AKTO, BVAR, MKAR, FINES.

2018 OCT

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ESM, EMCN, EPZF, HAGA, GAGL, AGST, MUCR, RAFF, HMDC, MTTG, MILZ, PETRA, RESU, VULC, GELA, PLLN.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VULCANO GROTTA, SANTA CROCE CA, GAMBARIE, PACHINO, LICATA, MONTEDEORO, SAMO, CELESTE, ALIA, ALICUDI, MTE CAMMARATA, CORLEONE, MONTE PELLEGGI, CALTABELIOTA, COSTA RAJA, MONTE BONIFATO, USTICA, CAROLEI, MARSA MARZIA, SPEZZANO DELLA.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Nahal Hemdat, Casaleto, Gaztepe, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VSU Vasula, GOF LPSR, Galitskye, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO, Kilima Mbogo, Summit, etc.

Table with 3 columns: Call Sign, Frequency, and other details. Includes stations like Magadan, KLR, BOAY, ITTB, SNDB, BDFB, DLBC, USRKR, SDV, PDRB, KSR, KULM, PSI, RPSI, YSS, YSS, YNE, PETK, NEW, BBB, PDAR, PDAR, ASAJ, SAMI, PTLB, PTLB, PTHL, SHEM, PTGB, BDQN, BBSD, MJAR, JTS, TXAR, YBH, OTAV, OTAV, NVAR, CPUP, LPAZ, CMIG, PFO, ATAH, ATRH, LPIG, WRA, ASAR, QSPA.

Table with 3 columns: Code, Station Name, and other details. Includes stations like PRU 06:00:34.30.8, CHVC, UPC, DPC, PANC, BRG, HSK, CLL, KHC.

Table with 3 columns: Code, Station Name, and other details. Includes stations like ATH 06:00:35.20.6, DMLN, LXRA, FSK, SMHA, VLS, VLS, VLS, PDSA, PDSA, EVGI, DRAG, NYDR, NYDR, NYDR, NYDR, PVO.

Table with 3 columns: Call Sign, Frequency, and other details. Includes stations like COLC, BAGA, LCHL, ARE1, JTS, LCRU, SOCE, SOCE, SOCE, OMCN, OMCN, CONN, CONN, CONN, ITAL, ARIN, ARIN, ARZA, INDI, INDI, TCS1, ACON, ACON, HDC, HDC, HDC, HDC, ABEZ, LCR2, LCR2, LCR2, LCR2, VTR2, LCR2, VERB, BOAB, BOAB, BOAB, LCOCO, BUS1, LIMN, LIMN, RGM0, RCPN, RCPN, RCPN, RCVN, RCVN, RCVN, CDITO, CDITO, CSGN, CSGN.

Table with 3 columns: Code, Station Name, and other details. Includes stations like DAV, MYLDM, KAPI, CMAR, CMAR, CMAR.

Table with 3 columns: Code, Station Name, and other details. Includes stations like WRO, KLR, AS31, AS31, ASAR, ASAR, ASAR, ASAR, CTAO, CTAO, FORT, MK31, MK31, MKAR, MKAR, NWA0, NWA0, BB00, BB00, EIDS, EIDS, ZALV, ZALV, ARSB, STKA, STKA, KURBB, KURBB, KURBB.

Table with 3 columns: Call Sign, Frequency, and other details. Includes stations like BVAR, BVAR, M16K, J17K, BPAW, BPAW, MLY, MLY, ARCES, SPITS, SPITS, FINES, ISLE, G2SM, G2SM, HFS, NB2, NOA, NOA, NEIC 06:00:43.50.8, NEIC 06:00:43.50.2, Code, Station Name, NEIC 06:00:54.47.6, SDD 06:00:54.52.7, ISC 06:00:54.52.1, Code, Station Name, LUDR, LUDR, MCDR, MCDR, MCDR, LODA1, LODA1, LODA1, REDR, REDR, REDR, SC01, SC01, SC01, SDDR, SDDR, SDDR, SDDR, SDDR, SDDR, LODA1, LODA1, LODA1, NEDR, NEDR, NEDR, JIDR, JIDR, JIDR, NADR, NADR, NADR, DR08, DR08, DR08, PAPH, PAPH, PAPH.

Table with 3 columns: Code, Station Name, and other details. Includes stations like PRU 06:00:34.30.8, CHVC, UPC, DPC, PANC, BRG, HSK, CLL, KHC, ATH 06:00:35.20.6, DMLN, LXRA, FSK, SMHA, VLS, VLS, VLS, PDSA, PDSA, EVGI, DRAG, NYDR, NYDR, NYDR, NYDR, PVO, DAV, MYLDM, KAPI, CMAR, CMAR, CMAR, WRO, KLR, AS31, AS31, ASAR, ASAR, ASAR, ASAR, CTAO, CTAO, FORT, MK31, MK31, MKAR, MKAR, NWA0, NWA0, BB00, BB00, EIDS, EIDS, ZALV, ZALV, ARSB, STKA, STKA, KURBB, KURBB, KURBB.

comp=Z,0.2nm,0.8s,baz=330,slow=4.6,SNR=2.0
comp=Z,0.2nm,0.8s

IDC 06 01:35:04.2,3.6,5.12S; 101.90E, h0km, mb3.8/7,
mbtm3.8/7, Error ellipse: s-maj=167.4km s-min=19.6km
az=52.0

ISC 06 01:35:08.3,3.2,5.3S; 0.6,101.7E, 0.8, h55km, n20,
+093.8, mb3.9/7, Southwest of Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Chiang Mai Arr, Diego Garcia H, Cape Leeuwijn H, etc.

DRS 06 02:19:49.0, 41.35N; 43.33E, h30km
MOS 06 02:19:53.8, 41.39N; 43.93E, h2km, MPVA3.7
ISK 06 02:19:53.4, 41.44N; 43.91E, h5km, ML2.5/8
NORS 06 02:19:54.0, 41.56N; 44.05E, h4km, MPVA3.8
AFAD 06 02:19:54.0, 41.49N; 43.85E, h7km, 2km, ML2.3
AZER 06 02:19:55.3, 41.43N; 44.34E, h3km, m13.0
ISC 06 02:19:55.3, 41.41N; 44.01E, 43.94E, 0.01, h2km, gkm,
n110, r1544/199, 1C, Turkey-Georgia-Armenia border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Trialeti, Burnashti, DMI1, AKH, etc.

comp=Z,13nm,0.9s

Table with columns: DDEM, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Demirkent, Borcka, Komgaron, etc.

comp=Z,13nm,0.9s

Table with columns: KSMR, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Kasumkent, Hnaliqu, Qusar, etc.

IDC 06 02:22:12.5, 1.4, 38.1, 103.94; 15W, h0km, mb3.7/5,
mbtm3.7/5, MS2.8/2, Error ellipse: s-maj=57.4km
s-min=30.3km az=72.0, West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Juan Fernandez, Paso Flores, Limon Verde, etc.

FCIAR 06 02:56:58.0, 81.34N; 16.15E, h10km, station ZF12 has
station magnitude of 2.00 station OMEGA has station
magnitude of 2.50

KOLA 06 02:57:05.7, 79.86N; 20.96E, h0km, ML2.1, Error ellipse:
s-maj=19.8km s-min=17.3km az=90.0, Spitsbergen
BER 06 02:57:07.3, 3.9, 80.09N; 21.39E, h23km, 16km, ML2.2,
ML2.4(NAO). Confirmed Earthquake

NAO 06 02:57:07.6, 4.1, 79.77N; 21.86E, h16km, 16km, ML2.4,
Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Spitsbergen Ar, Kingsbay, Barentsburg B, etc.

IDC 06 03:04:53.9, 0.9, 10.24N; 125.85E, h0km, mb3.8/7,
mbtm3.8/7, MS2.7/1, Error ellipse: s-maj=68.2km
s-min=18.5km az=70.0

ISC 06 03:05:01.2, 0.9, 10.22N; 125.8E; 0.4, h54km, n11,
+052.8, mb3.8/7, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Davao City (W), Warramunga Arr, etc.

Table of station data for codes ASAR through FINES, including station names, coordinates, and various parameters.

IDC 06 03:11:42.3±1.0, 129S, 120.65E, h0km, mb3.8/6, mbmp3.8/7, ML3.7/1, M53.1/5, Error ellipse: s-maj=69.6km s-min=17.9km az=64.0

Table of station data for codes KAPI through BOSAS, including station names, coordinates, and various parameters.

IDC 06 03:35:05.8±0.9, 27.87S, 66.55W, h153km, 22km, mb3.5/4, mbmp3.7/8, Error ellipse: s-maj=27.7km s-min=19.5km az=69.0

Table of station data for codes LVC through BOSAS, including station names, coordinates, and various parameters.

NIED 06 04:14:23.8, 42.68N, 141.99E, h35km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn2.47; Mno.0.05; Mpo.2.52; Mro.13; Mro.0.77; Mro.0.13; Fault plane solution: Mo2.6100x10^15 NP1: o3.47, 0.0000, 0.47, 0.0000; 1.87, 0.0000; NP2: o3.47, 0.0000, 0.47, 0.0000; 1.93, 0.0000

Table of station data for codes JSD through MJBAS, including station names, coordinates, and various parameters.

Table of station data for codes JAM through JAB, including station names, coordinates, and various parameters.

Main table of station data for codes JAB through KLR, including station names, coordinates, and various parameters.

Main table of station data for codes KLR through ILAR, including station names, coordinates, and various parameters.

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Table with columns: ID, Name, Az, El, AzM, ElM, SNR, AzE, ElE, AzS, ElS, AzM, ElM, AzE, ElE, AzS, ElS. Includes stations like ILAR, PRP, BMAR, FAKI, TARG, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, SNR, AzE, ElE, AzS, ElS, AzM, ElM, AzE, ElE, AzS, ElS. Includes stations like NB2, NB2, NOA, NOA, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, SNR, AzE, ElE, AzS, ElS, AzM, ElM, AzE, ElE, AzS, ElS. Includes stations like KAPS, KAPS, KAPS, etc.

SOME 06 04:15:34.3, 44:12N, 81:38E, h20km
NIC 06 04:15:34.9, 10.4, 16N, 81:31E, h0km, mb3.7, mpv3.5,
Error ellipse: s-maj=7.3km s-min=4.9km az=115.0,
Suspected Mining explosion.

Table with columns: Code, Station Name, Az, El, AzM, ElM, SNR, AzE, ElE, AzS, ElS, AzM, ElM, AzE, ElE, AzS, ElS. Includes stations like DJR, DJR, DJR, etc.

NEIC 06 04:18:12.5, 2.3, 21:9S, 0:1x177:9W, 0:1, h372km, 7km,
mb4, 1/27, Error ellipse: s-maj=17.4km s-min=14.6km
az=144.0

IDC 06 04:18:16.0, 2.7, 21:72S, 178:14W, h41km, 26km, mb3.2/8,
mbmp4, 0/10, Error ellipse: s-maj=30.1km s-min=17.1km
az=140.0

ISC 06 04:18:12.0, 0.6, 21:86S, 0:08, 177:88W, 0:09, h373km,
n52, 1:30/54, mb4.0/21, Fiji Islands region

Table with columns: Code, Station Name, Az, El, AzM, ElM, SNR, AzE, ElE, AzS, ElS, AzM, ElM, AzE, ElE, AzS, ElS. Includes stations like MSVF, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTZ Ruatuhuna, MRZ Mangatainoka R, TUWZ Tuamarina, etc.

NNC 06:04:29:32.5:9.4, 37.11N:71.28E, h0km, mb4.0, mpv3.9, Error ellipse: s-maj=80.9km s-min=55.5km az=155.0

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

IDC 06:04:49:19.5:7.2, 21.13S:148.01E, h0km, mbtpm3.2/3, ML3.0/2, Error ellipse: s-maj=74.5km s-min=45.8km

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

IDC 06:05:07:41.5:0.9, 28.77N:81.56E, h0km, mb4.0/9, mbtpm3.9/11, ML3.5/2, Error ellipse: s-maj=38.2km s-min=17.5km az=58.0

IDC 06:05:07:46.6:1.2, 28.9N:02:81.6E:0.3, h33km, n12, 0557/12, mb4.0/9, Nepal-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, KURBB Kurchatov Arr, etc.

NNC 06:05:13:01.6:7.6, 38.54N:70.49E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=60.6km s-min=41.7km az=173.0

ISC 06:05:13:01.3:3.5, 33.33N:02:70.4E:0.1, h23km, n14, 1868/12, 4C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, KK31 Karatay Array, UCH Uchto, etc.

CATAC 06:05:14:05.9:0.5, 13.13N:89.76W, h21km, 4km, ML3.5

SNET 06:05:14:07.5:0.8, 13.21N:89.74W, h33km, 2km, ML3.0

ISC 06:05:14:05.9:2.5, 13.13N:01:10:89.78W:0.08, h23km, n14km, n49, 0537/66, 1D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LALI Alcaldia de L, JAYA Jayaque - finc, JAYA Jayaque - finc, etc.

PANCS Alcaldia de, PANCS Alcaldia de, PANCS Alcaldia de, PANCS Alcaldia de

SNJE San Jose, CEDA San Andres, CEDA San Andres, CEDA San Andres

SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T

NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes

BOQS Boveron, RTR El Retiro, LOMA Loma Larga, LOMA Loma Larga

LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga

UEES Universidad Ev, UEES Universidad Ev, UEES Universidad Ev, UEES Universidad Ev

UTEC Universidad Te, UTEC Universidad Te, UTEC Universidad Te, UTEC Universidad Te

UTEC Universidad Te, UTEC Universidad Te, UTEC Universidad Te, UTEC Universidad Te

UDBS Universidad Do, UDBS Universidad Do, UDBS Universidad Do, UDBS Universidad Do

LFRS El Faro, QUEZ Alcaldia de Qu, QUEZ Alcaldia de Qu, QUEZ Alcaldia de Qu

LOAL Lomas de Alarc, LOAL Lomas de Alarc, LOAL Lomas de Alarc, LOAL Lomas de Alarc

UNIC Universidad Ca, UNIC Universidad Ca, UNIC Universidad Ca, UNIC Universidad Ca

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

SOME 06:05:24:48.9, 43.45N:79.12E, h15km, NNC 06:05:24:48.2:1.1, 43.47N:79.17E, h0km, mb3.5, mpv2.4, Error ellipse: s-maj=9.8km s-min=6.8km az=176.0

ISC 06:05:24:48.9:1.1, 43.46N:03:79.17E:0.03, h11km, 11km, n11, 0519/21, 3C-1D, Lake Issyk-Kul region

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

IDC 06:05:32:57.2:3.8, 5.45N:75.25W, h91km, 35km, mb3.3/1, mbtpm3.7/1, Error ellipse: s-maj=71.6km s-min=43.9km

RSNC 06:05:32:59.1:0.6, 1.7N:177.4W, h103km, 2km, M2, ML2.5

ISC 06:05:32:57.5:1.0, 5.75N:02:73.88W:0.03, h114km, 6km, n41, 1865/79, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SPBC San Pablo de B, RUSC La Rusia, RUSC La Rusia, etc.

6d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Apartado, Macarena, Garzon, Arizuna, Popayan, San Jacinto, Capurgana, Santo Domingo, Balboa, La Paz, Warramunga.

IDC 06:05:45:05.5:8.9,34.63N:-21.03E,h0km,mb3.9/5, mbtmp3.8/6,ML4.1/1,MS3.4/1,Error ellipse: s-maj=165.3km s-min=52.0km az=40.0, ISC 06:05:45:07.4:5.9,34.7N:0.5:21.1E:0.6,h10km,n6,e0527/6, mb3.9/5,Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Malin Array, FINES Array, ARCES Array, Kurchatov, Kurban, Makanchi Array, Zalesovo Beam.

TAP 06:06:01:29.5,23.26N:121.55E,h38km,ML3.1,C JMA 06:06:01:29.0:0.2,23.26N:121.55E,h46km,3km, MV2.9/10,TAIWAN REGION ISC 06:06:01:29.4:0.9,23.22N:0.02:116.31E:0.03,h33km,6km, n102,e1808/174,11C-6D,Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Changbin, Chekn, Chkh, Fulb, EYUL, HGSD, TWF1, YULB, EHYH, EDH, EHD, ECH, EHY, EGFH, TEGC, WARBT, LONT, ELDTW, LDUT, SHUL, TEYL, TWGBT, TWG, ETM, STYH, ALS.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Xiulin Townshi, Suanglung, Xinyi Township, Chiawan, Taimali, Renai, Ta-pu, Nanganchiao, Tsauling, Tsashan, Hehuan Shan, Yuchr, XiuLin Townshi, Nani, Zhushan, Tainan City, Hsinying, Beigang Elemen, Guleng, EOS4, Cishan, Mashbuluo, Douliu, Taichien, Aohua, Dawu Township, Chiayi, Lan-yu, ENA, Datong, Taichung City, Wuta, E0S3, Fangliang, Taichung, Yiju, Datong, E0S2, Suo.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Liyutan, Gushan, Suao, Nioudou, Sanyu, Yeheng, Sanguang, Wufeng Townshi, Neicheng, Miaoli, Emei, Fushanzhiyuyua, Shuangxi, Santiao Chiao, Dungji, Grass Mountain, Peng-hu, Penghu, Oimei, Iriote-Funau, Kuro-shima, Ishigaki jima, Ishigakijimahi.

NEIC 06:31:32.2:1.9,43.81N:0.08:-127.9W:0.1,h10km,2km, mb4.3/30,ML3.5/70,Error ellipse: s-maj=17.6km s-min=11.5km az=240.0,

IDC 06:31:35.3:1.7,43.94N:-127.22W,h0km,mb3.7/4, mbtmp3.5/11,ML3.2/8,MS3.5/22,Error ellipse: s-maj=31.2km s-min=13.8km az=52.0,

ISC 06:31:31.8:1.0,43.76N:0.09:-128.0W:0.1,h10km,n117, e1523/97,mb4.3/15,MS3.5/16,Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Swissshore, Myrtle Point, Bosley Butte, Willamette Mer, Mount Hebo, Corvallis, Dodson Butte, Buck Mountain, McMinnville, Red Mountain, Seaside, Hull Mountain, Rader Ridge, Tendick Farm, Detroit Lake, Umpqua Nationa, Blue Hor, Yreka Blue Hor, Wishkah, Amboy, Neilton Looks, Pine Mountain, Green Mountain, Longmire.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LON, D05A, G06A, G06A, CLRS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H11S1, H11S2, ZALV, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various other parameters. Includes entries like CTAO Charters Tower, COEN Coen, STKA Stephens Creek, etc.

NEIC 06:07:31:59.3±1.1, 60.30N±0.03:152.71W±0.07, h120km, 3km, Error ellipse: s-maj=5.2km s-min=4.7km az=90.0

AEIC 06:07:32:00.7±1.3, 60.30N±0.02:152.71W±0.07, h115km, 3km, ML3.3, ML3.6/172(NEIC), Error ellipse: s-maj=5.2km s-min=3.1km az=95.0

IDC 06:07:32:07.4±7.5, 60.90N±152.11W, h180km, 63km, mb3k.4/5, mbmp3.9/6, Error ellipse: s-maj=72.5km s-min=71.7km az=177.0

ISC 06:07:31:59.6±0.9, 60.30N±0.03:152.68W±0.03, h122km, 5km, n384, o070/389, mb3.9/5, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various other parameters. Includes entries like Redoubt Volcan, Redoubt South, Redoubt East F, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various other parameters. Includes entries like Spurr Capps GI, China Poot, North Nagahisa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various other parameters. Includes entries like Purkeypyle, Montague Islan, Granite Mounta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like BWN, HMT, HARP, NICH, J17K, PAX, WACK, BERG, GLB, N14K, I20K, VREDI, NEA2, GRIN, KHIT, WRH, WRH, K15K, C15K, C15K, C15K, GCSA, WAXL, SNH, SNH, HDA, HDA, CCB, CCB, L14K, L14K, MENT, MENT, RIDG, BARK, PTPK, I23K, I23K, I23K, I23K, COLA, COLA, M26K, M26K, M26K, M26K, KIAG, ISLE, ISLE, BALM, ILAR, ILAR, BAGL, H20K, H20K, MESA, MESA, MESA, H21K, H21K, POKR, POKR, POKR, POKR, YAH, SCRK, SCRK, SCRK, J25K, J25K, H19K, H19K, H18K, M27K, M27K, CTG, CTG, CTGM, RKAU, H22K, H22K.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like TABL, H23K, IMAR, LOGN, L27K, L27K, SAMH, YUK2, H24K, H24K, J26L, J26L, YUK3, YUK3, PRP, PRP, O28M, O28M, G19K, PCA, PINM, K27K, K27K, G18K, G18K, G21K, G21K, YUK8, YUK8, B23M, B23M, G23K, G23K, I26K, I26K, PNL, PNL, PNL, G24K, G24K, F20K, F20K, YUK4, YUK4, F19K, F19K, F19K, F21K, F21K, F21K, EGAK, EGAK, COLD, COLD, YUK6, YUK6, FYU, FYU, G25K, G25K, G25K, M29M, M29M, M29M, YUK5, I27K, I27K, I27K, E19K, HYT, HYT, P29M, P29M, F24K, F24K, F24K, N30M, N30M, G26K, G26K, G26K, I28M, I28M, I28M, H27K, H27K, H27K, F25K, F25K, F25K, E24K, E24K, E24K, G27K, G27K, G27K, E21K, SKAG, SKAG, SIT, CRAIG, SRMG, ZALV, BVAR, KURBB, MKAR, JMA 06:07:37:11.2, ZALV, BVAR, KURBB, MKAR, JMA 06:07:37:11.2, WARB, WARB, ESL, ESL, EGFH.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like EGFH, SHUL, SHUL, ETM, ETM, LXIB, LXIB, EHY, EHY, WUSB, WUSB, YULB, YULB, MARC, LIFNC, YATNC, OUCEN, NOUC, CTCT, ASAR, WRA, GUMO, GERES, JMA 06:09:01:00.8, MARC, PINNC, LIFNC, YATNC, OUCEN, DZM, DZM, ONTNC, NOUC, MSVF, WRA, EKA, GERES, JMA 06:09:29:14.7, AML, EKS2, MRKS, MRKS, MRKS, UCH, UCH, AAK, AAK, AAK, AAM, USP, TKM2, TKM2, TKM2, DGS, DGS, DGS, DGS, KST, KST.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like OHH Osh, SFK Sufi-Kurgan, TRKS Terek-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Oklahoma Grant County #, CROK Carrier, KAN14 Manchester OK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FORT Forrest, BBOO Buckleboo, STKA Stephens Creek, etc.

MDD 06 10:58:45.4-0.6,36.45N-3.23W, h0km, mb_Lg2.3/5, Error ellipse: s-maj=6.3km s-min=3.6km az=67.0

SFS 06 10:58:45.2,36.45N-3.20W, h0km, ML2.5/7, ML2.5/6, ML2.5/7

CNRM 06 10:58:50.3,35.99N-3.29W, h14km, ML1.4

ISC 06 10:58:44.2,1.0,36.39N-0.02,3.23W-0.04, h12km,10km, n20, r182/32, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like EALB Alboran, EQTA Presa de Quent, EGOR Sierra Gorda, etc.

UPA 06 11:05:38.2-1.0,7.29N-80.59W, h13km,4km, ML3.7, 1C-10, Panama

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like TOSI3 Tonosi, CACAO El Cacao, VERa, etc.

NEIC 06 11:12:56.4-0.6,36.705N-0.010-97.67W-0.01, h6km,1km, ML2.4/56, ML2.6, Error ellipse: s-maj=1.5km s-min=1.3km az=87.0

NEIC 06 11:12:56.3-0.5,36.703N-0.010-97.68W-0.01, h8km,8km, Error ellipse: s-maj=1.7km s-min=1.5km az=111.0

DJA 06 11:36:58.0-2.0,0.2S-2.12E, h10km, M4.4/14, mb4.8/6, mB5.0/3, MLV4.2/14, Mw(MB)4.3/3

IOC 06 11:36:59.6-2.1,0.06S,126.71E, h56km,17km, mb3.9/14, mbmp4.2/16, ML3.8/2, MS3.1/4, Error ellipse: s-maj=30.8km s-min=10.4km az=79.0

NEIC 06 11:37:00.4-1.1,0.04S-0.07,126.67E-0.06, h57km,9km, mb4.4/20, Error ellipse: s-maj=10.6km s-min=8.4km az=151.0

ISC 06 11:36:59.3-0.5,0.06S-0.04,126.66E-0.06, h50km, n62, r132/68, mb4.3/23, MS3.2/4, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like TINTI Ternate, SANI Sanana, KMSI Cibinong, etc.

WB0 Warramunga Arr 21.00 159 Iamb Iamb P 11 41 38.3 -0.4

WRAB Tennant Creek 21.14 160 P Iamb Iamb P 11 41 39.9 -0.3

WRA Warramunga Arr 21.14 160 P P P 11 41 38.8 -1.5

WRA Warramunga Arr 21.14 160 P P P 11 41 39.6 -0.6

WRA comp=Z,1.1nm,0.6s,baz=340,slow=1.1,SNR=129 P P P 11 45 43.6 -1.3

WRA comp=Z,0.4nm,0.6s,baz=318,slow=2.5,SNR=9.9 ScP ScP 11 49 15.9 -1.9

WB2 Warramunga Arr 21.15 160 P Iamb Iamb P 11 41 40.0 -0.3

WRO Warramunga Arr 21.23 159 P P 11 41 40.8 -0.4

COEN Coen 21.40 131 P Iamb Iamb P 11 41 43.9 +0.9

GUMO Guam 22.57 52 LR LR 11 49 36.5

AS31 Alice Springs 24.50 164 P P 11 42 13.9 -0.2

ASAR Alice Springs 24.50 164 P P 11 42 14.3 +0.2

ASAR Alice Springs 24.50 164 P P 11 42 14.1 +0.1

ASAR comp=Z,1.4nm,0.8s,baz=336,slow=8.4,SNR=164 P P P 11 45 51.1 -0.6

ASAR comp=Z,1.0nm,0.6s,baz=355,slow=2.2,SNR=8.8 S S 11 46 32.2 +1.0

IOC 06 11:48:12.5-0.6,26.58S-67.52E, h0km, mb4.2/17, mbmp4.2/17, MS3.5/12, Error ellipse: s-maj=20.2km s-min=16.9km az=68.0

ISC 06 11:48:14.1-0.6,26.65S-67.52E, h10km, n35, r0978/17, mb4.2/17, MS3.6/2, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

MAW Mawson 41.12 183 P P 11 55 58.7 +0.8

MBAR Mbarara 43.80 300 LR LR 12 12 24.4

FITZ Fitzroy Crossi 54.04 94 P P 11 57 39.3 +0.3

CMAR Chang Mai Arr 54.19 38 P P 11 57 40.5 +0.4

CMAR comp=Z,2.2nm,19.4s,baz=190,slow=32 4.4nm,0.8s,baz=230,slow=7.1,SNR=26 P LR 12 16 39.0

BRDH Baradhala 54.26 28 LR LR 12 19 24.8

SNAAS Sanae 58.83 200 P P 11 58 11.5 -1.0

SNAAS comp=Z,4.8nm,18.4s,baz=84,slow=31 1.0nm,1.1s,baz=114,slow=20,SNR=2.1 LR LR 12 18 51.6

ASAR Alice Springs 59.56 103 P P 11 58 18.1 -0.2

WRA Warramunga Arr 61.15 99 P P 11 58 29.1 -0.2

QSPA South Pole Qui 63.54 180 P P 11 58 45.1 +0.5

STKA Stephens Creek 63.71 114 P P 11 58 45.7 -0.5

AAK Ala-Archa 69.19 6 LR LR 12 26 57.3

BRTR Keskin Arr B 73.15 333 P P 11 59 45.5 +0.5

MKAR Makanchi Array 74.26 10 P P 11 59 50.0 -1.2

TORD Torodi Arr Bea 75.13 293 P P 11 59 56.2 -0.7

TORD comp=Z,3.1nm,21.8s,baz=148,slow=34 1.0nm,1.0s,baz=267,slow=3.4,SNR=5.4 1.7nm,0.9s LR LR 12 30 14.8

DBIC Dimbrok 77.41 284 P P 12 00 11.3 +1.3

ZALV Zalesovo Beam 81.60 10 P P 12 00 32.2 +0.5

KURBB Kurbatov Arr 77.49 7 P P 12 00 09.7 +0.1

SOMN Songino Array 81.92 25 P P 12 00 34.1 +0.2

KEST Kesra 82.80 316 LR LR 12 36 05.5

AKASA Malin Arry Be 84.07 337 P P 12 00 45.1 +0.4

KIRV Kirov 86.19 351 LR LR 12 37 52.1

ESDC Sonseca Array 93.65 313 P P 12 01 29.4 -1.4

NOA NORSAR Array B 98.46 336 LR LR 12 46 51.2

IDC 06 11:54:25.0.1.6.3.14N.126.09E.h0km,mb3.9/6, mbmp4.0/6, Error ellipse: s-maj=77.5km s-min=16.6km az=61.0

NEIC 06 11:54:33.8.1.3.2.6N.0.2.125.40E.0.10,h34km,11km, mb4.4/17, Error ellipse: s-maj=27.5km s-min=10.5km az=202.0

IDC 06 11:54:32.3.0.9.2.8N.0.1.125.45E.0.1,h35km,n27, s126/29,mb4.4/12,Talau Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, MYLDM Lahad Datu, WRA Warramunga Arr, etc.

IDC 06 12:25:51.2.2.1.22.65S.179.66W,h567km,21km,mb3.1/6, mbmp4.1/8, Error ellipse: s-maj=30.1km s-min=21.6km az=120.0

NEIC 06 12:25:51.7.0.9.22.65S.0.4.179.74W.0.3,h575km,35km, mb4.0/17, Error ellipse: s-maj=63.3km s-min=18.5km az=210.0

IDC 06 12:25:51.9.1.0.22.75S.0.1.179.70W.0.2,h579km,n32, s126/32,mb3.9/15, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, URZ Urewera, WRA Warramunga Arr, etc.

IDC 06 12:35:26.7.1.5.0.07S.125.29E,h0km,mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=178.7km s-min=21.2km az=64.0

DJA 06 12:35:31.7.1.1.0.4N.4.12.7E.1,h20km,10km,M3.2/5, MLV3.2/5

ISC 06 12:35:31.0.1.2.0.5N.0.1.126.5E.0.1,h35km,n6,1900/7, mb3.7/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, SANI Sanana, WRA Warramunga Arr, etc.

IDC 06 12:51:48.6.2.7.22.47S.177.92W,h335km,25km,mb3.2/7, mbmp4.0/9, Error ellipse: s-maj=24.7km s-min=18.9km az=133.0

IDC 06 12:51:50.0.0.8.22.55S.0.1.177.8W.0.1,h352km,n16, s154/16,mb3.6/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

WEL 06 12:54:20.9.0.4.44.54S.16.8E.1,h5km,M3.0/6,ML3.1/9, MLV3.0/5, confirmed: s-maj=0.0km s-min=0.0km az=118.5, Error ellipse: South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSZ Milford Sound, NSBS Neils Beach, MLZ Wanaka Lakes, etc.

IDC 06 12:56:17.6.6.2.21.38S.175.51W,h98km,55km,mb3.2/4, mbmp3.6/5, Error ellipse: s-maj=51.5km s-min=32.9km az=151.0, Tonga Islands

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

AFAD 06 13:00:29.8.0.0.39.17N.41.32E,h7km,2km,ML1.9, ISK 06 13:00:29.7.39.13N.41.23E,h9km,ML2.2/5,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VRTB Varto-Mus, WRA Warramunga Arr, KARO Karlova-Bingo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DORK, AGRB Hanur-Agry, KOTA Agri, Merkez-K, etc.

IDC 06 13:11:05.7.1.0.35.99N.68.87E,h0km,mb3.7/9, mbmp3.7/13,ML3.3/4,MS3.1/4, Error ellipse: s-maj=20.0km s-min=18.6km az=43.0

NEIC 06 13:11:14.0.2.7.36.35N.0.02.68.70E.0.09,h35km,2km, mb4.1/7, Error ellipse: s-maj=11.8km s-min=3.4km az=273.0

NNC 06 13:11:19.6.4.0.37.24N.68.52E,h0km,mb4.2,mpv3.8, Error ellipse: s-maj=38.7km s-min=28.8km az=157.0

IDC 06 13:11:10.5.0.6.36.34N.0.05.68.74E.0.07,h24km,n43, s22/47,mb3.8/10,MS3.2/3,SC-2D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, SIMJ Samangan, GAR Garm, etc.

SKHL 06 13:19:45.7.0.2.48.70N.155.30E,h64km,5km,mb4.9/11, MOS 06 13:19:45.2.1.2.48.79N.155.08E,h63km,mb4.3/6, Error ellipse: s-maj=1.9km s-min=4.2km az=71.3

KRSC 06 13:19:45.2.1.8.48.70N.156.39E,h30km,21km,ML4.5, NEIC 06 13:19:47.9.2.5.48.85N.0.09.155.1.0.2,h68km,8km, mb4.2/6, Error ellipse: s-maj=22.2km s-min=2.2km az=125.0

IDC 06 13:19:48.7.2.5.48.91N.154.96E,h79km,22km,mb3.6/19, mbmp3.9/24,MS3.2/14, Error ellipse: s-maj=18.0km s-min=12.3km az=134.0

IDC 06 13:19:45.0.0.6.48.69N.0.07.155.26E.0.07,h50km,n133, s183/143,mb4.0/24,MS3.4/10,SC-ID,Kuril Islands

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

Table with columns: SKR, Severo-Kuril's, 2.08, 15, ePN, Pn, 13 20 17.4 +0.1, etc. Includes various station names and coordinates.

Table with columns: OKH, comp=Z, 70nm, 0.3s, AMS, AMS, 13 25 44.9, etc. Includes various station names and coordinates.

Table with columns: EKA, Eszkdaleimur Ar, 74.78 347, P, P, 13 31 18.6 -0.7, etc. Includes various station names and coordinates.

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6d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IVAS Ivanjica, LSK Leskovik, SELS Selova, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JSHD Hidakashinhida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), MYLDM Lahad Datu, SBUM Sibiu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGRT San Giovanni R, KJUV Kijevo, LK2D Lefkada island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFR Furan, JISS Ishikarishitsu, JKB Kayabe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSR5 Korea Arr, BRDH Barhadhala, USRK Ussuriysk Ar, etc.

NOU 06 14:03:29.4, 22:15S: 171:10E, h0km, mb3.7/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

IDC 06 14:09:35.1-4.5, 53:40N:160:07E, h104km, 35km, mb3.3/3, mbmp3.7/3, Error ellipse: s-maj=55.3km s-min=25.9km z=93.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

IDC 06 14:10:37.2, 0.0, 53:29N:159:72E, h123km, 6km, M13.7, ISC 06 14:09:37.2, 0.0, 53:29N:159:72E, h120km, 5km, n39, c075/61, mb3.7/4, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

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

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 PALK Pallekele, MK31 Makanchi Array, MKAR Makanchi Array, etc.

SKHL 06 14:12:29.4, 0.1, 42:50N:141:80E, h50km, 5km, mb4.6/3, NIED 06 14:12:29.6, 42:59N:141:99E, h38km, MW3.7, Moment Tensor solution: s3 Moment tensor: Scale 10^14Nm; Mw: 2.13; Mw-1.92; Mw-0.21; Mw0.33; Mw3.54; Mw2.09; Fault plane solution: M4.57000x10^14 NP1: 0.341, 0.00000, 0.69, 0.00000, 1.41, 0.00000. NP2: 0.341, 0.00000, 0.69, 0.00000, 1.27, 0.00000.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA FcH1 J1 at ISHIKARI DEPRESSION, JMA FcH1 J1 at ISHIKARI DEPRESSION, etc.

IDC 06 14:12:29.4, 1.7, 42:70N:141:78E, h39km, mb4.0/1, Error ellipse: s-maj=15.7km s-min=13.1km az=54.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, FINES FINESS Array B, PDAR Pinedale Array, etc.

NOU 06 14:35:52.5, 12:61S: 166:86E, h113km, mb4.4/10, Santa Cruz Islands, IDC 06 14:35:56.3, 7.6, 12:91S: 166:87E, h141km, 58km, mb3.4/5, mbmp3.9/6, Error ellipse: s-maj=61.5km s-min=35.8km az=41.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKASA Lakatoro, VLKUA Koumac, New Ca, YATNC Mamie plateau, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NOUC, ONTNC, Ouen Toro, etc.

IDC 06 14:39:43.0-0.8, 36.00N; 137.85E, h271km, 7km, mb3.0/3, mbtmp3.6/5, Error ellipse: s-maj=40.2km s-min=19.5km az=89.0

JMA 06 14:39:43.9-0.1, 36.1N; 137.7E, h250km, MV2.2/11, SE Gifu PREF

ISC 06 14:39:42.7-1.0, 35.9N; 0.1-137.4E; 0.2, h250km, n8, 2528.0/0, mb3.1/3, Eastern Honshu

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

MOS 06 14:48:14.9, 41.31N, 46.40E, h23km, MPVA3.8

AZEP 06 14:48:14.4, 41.32N, 46.43E, h9km, ml3.0

NSSP 06 14:48:15.8, 41.20N, 46.35E, h10km, Ms3.2

DRF 06 14:48:15.9, 41.27N, 46.39E, h45km

CZX 06 14:48:16.2, 41.34N, 46.42E, h30km

ISC 06 14:48:18.0-0.9, 41.33N; 0.02-46.37E; 0.02, h31km, 4km, n58, 1927/113, 3C-3D, Eastern Caucasus

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

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

IDC 06 14:59:27.0-1.4, 42.56S; 75.68W, h0km, mb3.9/4, mbtmp3.9/5, ML3.7/1, Error ellipse: s-maj=37.6km s-min=23.7km az=117.0

GUC 06 14:59:29.6-0.4, 42.64S; 75.60W, h36km, 2km, ML3.5

ISC 06 14:59:30.6-1.1, 42.69S; 0.05-75.52W; 0.08, h23km, n25, 4095/35, mb4.0/4, 6C, Off coast of southern Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like G007, G007, LL06, etc.

RMBa Ra'i Mam B 2.25 123 eP Pn 15 00 06.2 +0.3

RMBa RMBa 2.26 96 eP Pn 15 00 06.4 +0.2

PHPI Puyuhuapi 2.70 128 eP Pn 15 00 13.2 +0.7

LL02 Futaleu 2.74 102 i P Pn 15 00 13.0 -0.2

CHAC Puerto Chacabu 3.39 145 eP Pn 15 01 21.8 -0.2

PLCA Paso Flores 4.20 64 Pn Pn 15 00 34.0 +0.7

H03S1 Juan Fernandez 9.22 342 T T 15 11 21.3

H03S2 Juan Fernandez 9.23 342 T T 15 11 31.3

H03S3 Juan Fernandez 9.24 342 T T 15 11 38.8

CPUP Villa Florida 22.08 48 P P 15 04 22.8 -1.2

VNA2 Neumayer-Watz 43.26 154 i P P 15 07 30.6 +0.8

SNA4 Sanae 44.74 155 P P 15 07 39.7 -2.0

TROLL Troll, Antartid 46.41 155 i P P 15 07 55.9 +0.9

TXAR Lajitas Array 76.20 335 P P 15 11 16.4 -0.5

IDC 06 15:07:16.8-2.4, 28.79N; 81.32E, h0km, mb3.8/4, mbtmp3.6/6, ML3.3/2, Error ellipse: s-maj=64.1km s-min=30.9km az=49.0

NDI 06 15:07:20.4-2.6, 28.80N; 81.48E, h4km, 7km, ML3.3, MW3.0

ISC 06 15:07:22.4-0.8, 28.78N; 0.04-81.45E; 0.05, h33km, n22, 1972/31, mb3.9/4, Nepal-India border region

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

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

IDC 06 15:07:52.2-3.1, 5.11S; 129.80E, h0km, mb3.2/1, mbtmp3.0/4, ML3.0/3, Error ellipse: s-maj=85.2km s-min=28.8km az=69.0, Banda Sea

FITZ Fitzroy Crossi 13.54 197 Op Pn 15 11 06.2 +0.5

WRA Warramunga Arr 15.40 164 Pn Pn 15 11 30.5 -0.4

ASAR Alice Springs 18.87 168 P Pn 15 12 14.6 -0.1

CMAR Chiang Mai Arr 38.38 308 P P 15 15 15.4 -0.2

DJA 06 15:09:15.8-1.4, 8.5S; 19.12E, h10km, M4.0/6, ML4.0/6, Flores Sea

BSSI Bau Bau, Buton 2.54 305 Op Pn 15 09 59.2 +0.0

SOEI Sei Sue 2.70 142 P Pn 15 10 34.4 +2.1

BATI Baumata 2.79 158 P Pn 15 10 00.3 -0.3

BATI Waikabubak, Su 3.75 237 S Pn 15 10 36.1 +1.8

WBSI WBSI 4.92 255 P Pn 15 10 51.1 -7.0

PLAI Plampang 4.92 255 P Pn 15 10 28.9 -0.9

IDC 06 15:09:42.1-1.0, 24.89S; 179.97E, h492km, 11km, mb3.6/17, mbtmp4.5/20, Error ellipse: s-maj=11.7km s-min=11.5km az=28.0

NEIC 06 15:09:43.4-0.9, 25.1S; 0.1x180.0E; 0.2, h510km, 10km, mb4.5/29, Error ellipse: s-maj=27.3km s-min=13.8km az=70.0

NOU 06 15:09:46.2-25.25; 24.5S; 179.82E, h499km, mb4.2/18, South of Fiji Islands

ISC 06 15:09:42.7-0.5, 24.93S; 0.07-179.99E; 0.08, h501km, n90, 4094/91, mb4.3/30, 5C, South of Fiji Islands

RAO Raoul Island 4.70 157 P Pn 15 11 06.8 -0.2

MSVF Nonsavu 7.38 345 P Pn 15 11 39.2 +6.1

MSVF Nonsavu 7.38 345 P Pn 15 11 32.2 -0.9

PINNC Pines Island, 11.71 279 P Pn 15 12 18.8 +0.5

DZMM Mont Dzumak 12.75 280 P Pn 15 12 30.0 +0.6

URZ Urewera 13.52 190 P Pn 15 12 36.9 -0.2

URZ Urewera 13.52 190 P Pn 15 12 36.3 -0.8

URZ Urewera 13.52 190 P Pn 15 15 01.4 +0.4

RTZ Ruatahunua 13.88 190 P Pn 15 12 41.7 +0.6

BKZ Black Stump Fm 14.50 191 P Pn 15 12 46.6 -1.0

BKZ Black Stump Fm 14.50 191 P Pn 15 12 48.1 +0.5

BFZ Birch Farm 16.02 190 P Pn 15 13 00.9 -2.4

BFZ Birch Farm 16.02 190 P Pn 15 13 03.3

BFZ Birch Farm 16.02 190 P Pn 15 13 03.7 +0.3

SNZO South Karori 16.92 194 P Pn 15 13 11.8 -0.9

QAKZ Qakarangi 17.04 200 P Pn 15 13 12.7 -1.1

TKWZ Takakahi 17.10 192 P Pn 15 13 12.7 -1.3

TUWZ Tuamarina 17.21 196 P Pn 15 13 14.4 -1.1

THZ Tophouse 17.27 198 P Pn 15 13 19.8 -1.3

KHZ Kahutara 18.24 195 P Pn 15 13 25.2 +0.2

LTZ Lake Taylor 18.91 198 P Pn 15 13 30.3 -0.9

OXZ Oxford 19.48 198 P Pn 15 13 35.0 -1.4

RPZ Rata Peaks 20.12 199 P Pn 15 13 40.5 -1.7

RPZ Rata Peaks 20.12 199 P Pn 15 13 41.7 -0.5

JCS Jackson Bay 21.18 203 P Pn 15 13 52.2 +0.3

EIDS Eidsvoild 26.15 263 P Pn 15 14 37.9

MGCB Mangrove Creek 26.50 245 P Pn 15 14 40.9 +1.5

6d 15h

Table of astronomical observations for 6d 15h, listing station names, coordinates, and observation details.

2018 OCT

Main table of astronomical observations for 2018 OCT, including station codes, names, and observation parameters.

320

Table of astronomical observations for 320, listing station names, coordinates, and observation details.

Table of astronomical observations for station 321, listing station names, codes, and various parameters like SNR, time, and position.

Table of astronomical observations for station HFS, listing station names, codes, and various parameters like SNR, time, and position.

Table of astronomical observations for station M4, listing station names, codes, and various parameters like SNR, time, and position.

Summary text for station M4 observations, including parameters like m, M, and error ellipses.

6d 16h

Table of station data for 6d 16h, including columns for station name, coordinates, and various parameters like Lg, Lr, and SNR.

2018 OCT

Main table of station data for 2018 OCT, listing stations such as ASAJ, TIXI, BR131, and others with their respective coordinates and parameters.

322

Table of station data for 322, including station names like QIR1, JHRM, SHI, and others, with detailed coordinate and parameter information.

6d 16h

Table of river gauges with columns for station name, coordinates, elevation, and flow data.

2018 OCT

Table of river gauges with columns for station name, coordinates, elevation, and flow data.

324

Table of river gauges with columns for station name, coordinates, elevation, and flow data.

Table of station data for the 325 region, including station names like Happy Valley, Moose Creek, Steele Glacier, etc., with columns for coordinates, elevation, and other technical details.

Table of station data for the 2018 OCT region, including station names like Jennings River, Barrier River, Peel River, etc., with columns for coordinates, elevation, and other technical details.

Table of station data for the 6d 17h region, including station names like Warramunga Arr, Alice Springs, Stephens Creek, etc., with columns for coordinates, elevation, and other technical details.

MKAN Makanchi Array 84.20 318 P P 17.54 15.1 +1.1
0.5nm,0.8s,baz=108,slow=4.7,SNR=2.5
0.5nm,0.8s

DJA 06 17:55:15.4±1.0, 11°S:7'17"E±1', h10km, M3.9/6, mb4.3/1, MLV3.7/6
ISC 06 17:55:07.1±1.2, 11.74S:0°08'11.71"E±0.09, h10km, n13, c248/15, South of Sumbawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, Res ISC. Rows include PLAI Plampang, TWSI Taliwang, WBSI Waikabubak, SRSI Singaraja, etc.

AFAD 06 17:55:12.0±0.0, 34°89'N:34°14'E, h12km, 1km, ML2.6
GII 06 17:55:13.3±0.6, 34°89'N:34°21'E, h10km, Md2.3/1, Mw2.6/9, confirmed

ISK 06 17:55:14.2±0.5, 01°19'N:34°25'E, h8km, ML2.7/22
GRI 06 17:55:14.7±0.3, 34°89'N:34°21'E, h3km, MD3.3
NIC 06 17:55:15.7±0.4, 89°N:34°11'E, h13km, M2.5/10

ISC 06 17:55:14.4±1.0, 34.88N:0°02.3421E, h13km, 7km, n110, c0879/138, D2, Cyprus region

Large table listing station data for the 6d 18h period, including codes like PARAL, PARIC, LARIC, etc., and station names like Parolimni, Paralimni Civi, Larakka City C, etc.

GAZI S Sn 17.56 14.0 -0.2
GAZI / AML 17.56 19.0

Table listing station data for GAZI, including codes like MMCT, MMA08, MMB1, etc., and station names like Mount Meron ar, Mount Meron ar, etc.

KERG comp=N,39nm,0.5s / AML AML 17.56 33.0

Table listing station data for KERG, including codes like KKBE, MMLI, MMLI, etc., and station names like Karaman, Karaman, Mount Malkishu, etc.

ISC 06 18:07:05.2±2.2, 01.4176S:87.44E, h0km, mb3.3/3, mbtmp3.3/3, C, Error ellipse: s-maj=792.8km, s-min=33.9km az=137.0, Southeast Indian Ridge

Table listing station data for the Southeast Indian Ridge, including codes like H01W2, H01W3, H01W1, etc., and station names like Cape Leeuwin H, Cape Leeuwin H, etc.

DJA 06 18:12:38.0±0.6, 0°N:3°12'E±1', h10km, M3.8/6, mb4.0/1, MLV3.7/6, Minahassa Peninsula, Sulawesi

Table listing station data for Minahassa Peninsula, including codes like MPSI, APSI, MRSI, etc., and station names like Mapaga, Ampana, Marisa, etc.

OMAN 06 18:17:52.3±0.1, 17°81'N:59°93'E, h10km, mb3.9/2, ml3.2/3, Error ellipse: s-maj=2.3km s-min=1.1km az=300.0, Owen Fracture Zone region

Table listing station data for the Owen Fracture Zone region, including codes like DQM, DQM, MHTO, etc., and station names like DQM, MHTO, MHTO, etc.

BIDO Bidbid 5.92 344 P Pn 18.19 20.2 +0.1
ABTO Aybut 6.34 267 P Pn 18.19 25.6 -0.3
ABTO S Pn 18.20 41.8 +3.3

IDC 06 18:31:34.3±6.3, 3.5°S:151°60'E, h42km, 55km, mb3.4/4, mbtmp3.7/5, ML1.6/1, Error ellipse: s-maj=100.5km, s-min=34.0km az=132.0

ISC 06 18:31:34.1±1.3, 5.1S:0°6.1512E±0.7, h35km, n6, c1924/7, mb3.6/4, New Britain region

Table listing station data for the New Britain region, including codes like PMG, WRA, ASAR, etc., and station names like Port Moresby, Warramunga Arr, Alice Springs, etc.

IDC 06 18:33:43.7±3.4, 19°46'N:121°83'E, h0km, mb3.4/4, mbtmp3.4/4, MS2.9/1, Error ellipse: s-maj=303.7km, s-min=22.1km az=62.0, Philippine Islands region

Table listing station data for the Philippine Islands region, including codes like DAV, WRA, MKAR, etc., and station names like Davac City (W), Warramunga Arr, Makani Array, etc.

TAP 06 18:54:47.6±24.87N:122°28'E, h18km, ML3.2, C, JMA 06 18:54:48.0±0.1, 24°8'N:0°7'122.3E±0.3, h0km, MV2.5/12, TAIWAN REGION

ISC 06 18:54:48.0±0.0, 24°8'N:0°7'122.3E±0.3, h13km, 8km, n70, c054/122, Taiwan region

Large table listing station data for the Taiwan region, including codes like EGS, TWB1, EGS2, etc., and station names like Suao, Chiao, Ilan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YONAGUNI JIMA, PENGCHAIYU, DANSHUI, KUANGYINSHAN, YEHENG, SANGUANG, NINGANCHIAO, XIULIN TOWNSHI, HEHUANSHAN, TACHIEN, EMEI, WARRAMUNGA ARR, MITSUHIRO ARR, BOROVROYE ARRAY, MINA ARRAY BEA, FINES FINESSE ARRAY B, etc.

IDC 06 19:02:39.4+2.2, 43.56N, 105.45W, h0km, mbtmp3.1/2, ML2.0/1, Error ellipse: s-maj=48.9km s-min=10.5km az=152.0

NEIC 06 19:02:40.1, 7.43.56N, 0.02.105.37W, h0km, mbtmp3.1/2, ML3.1/52, Error ellipse: s-maj=10.2km s-min=2.6km az=290.0

ISC 06 19:02:40.4+1.1, 43.56N, 105.45W, h0km, n25, 0.950/10, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RSSD Black Hills, K22A Casper, N23A Red Feather La, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YNE Miror Lake PI, YMP YPP, ISCO Idaho Springs, FLYWY Flagg Ranch, MOOW Moose Ponds, SNOW Snow King Moun, etc.

IDC 06 19:22:31.1+1.0, 11.91N, 142.78E, h0km, mb3.8/10, mbtmp3.8/10, Error ellipse: s-maj=44.3km s-min=20.2km az=90.0

ISC 06 19:22:36.4+1.0, 11.91N, 142.78E, h0km, n10, 0.050/10, mb3.8/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Mikancity Array, KURBB Kurchatov Arra, BVAR Borovroye Array, ILAR Irlan Array, ARCES ARCES Array B, NVAR Mina Array Bea, FINES FINESSE Array B, etc.

IDC 06 19:30:27.2+2.2, 43.95N, 105.43W, h0km, mbtmp2.9/2, ML2.2/2, Error ellipse: s-maj=56.2km s-min=12.3km az=150.0

NEIC 06 19:30:29.1+0.4, 43.53N, 105.32W, h0km, mbtmp3.1/2, ML2.6/14, Error ellipse: s-maj=12.4km s-min=4.2km az=320.0

ISC 06 19:30:29.9+1.3, 43.52N, 105.31W, h0km, n12, 0.950/10, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RSSD Black Hills, K22A Casper, N23A Red Feather La, N23A, PD31 Pinedale Array, PDAR Pinedale Array, etc.

JMA 06 19:31:42.5+2.0, 3.25N, 123.1E, h149km, 4km, V12.4/13, NW OFF ISHIGAKIJIMA IS

ISC 06 19:31:42.5+2.0, 2.65N, 123.13E, h155km, 25km, n13, 0.055/18, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IRIF Iriomote-Funau, JKRS Kuro-shima, JUISHIGAKIJIMA, JIJ Ishigaki jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YULB Yu-li, SSLS Suanglung, TPUB Ta-pu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TAP 06 19:32:19.1, 24.46N, 121.39E, h9km, ML1.4, B, Taiwan; NNS Nan Shan, NNSB Datong, LATG Datong, etc.

NEIC 06 19:49:27.3+2.0, 45.16N, 106.106E, h88W, 0:09, h0km, 1km, ML2.6/36, Error ellipse: s-maj=12.3km s-min=8.3km az=220.0

IDC 06 19:49:28.4+1.3, 45.04N, 106.91W, h0km, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=54.2km s-min=9.6km az=135.0

ISC 06 19:49:28.3+1.2, 45.19N, 106.106E, h87W, 0:07, h0km, n25, 0.050/23, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LAO LASA Array, RLMT Red Lodge, YNE Yellowstone No, RSSD Black Hills, etc.

IDC 06 19:56:35.9+0.9, 30.10N, 139.28E, h386km, 16km, mb3.1/11, mbtmp3.9/15, Error ellipse: s-maj=54.0km s-min=11.6km az=76.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, Time, Res, h m s, ISC, Pn. Includes stations like Hachioji jima 2, Chichijima, Boshijo, Obara, Ryogami san, etc.

IDC 06 20:03:35.9-2.0, 43.99N:105.72W, h0km, mbmp3.5/2, ML3.2/2, Error ellipse: s-maj=62.4km s-min=11.1km az=150.0

NEIC 06 20:03:35.1-0.6, 43.76N:104.105:32W:0.06, h0km, 1km, ML3.2/56, Error ellipse: s-maj=9.6km s-min=2.7km az=311.0

ISC 06 20:03:35.5-1.0, 43.77N:106.005:33W:0.06, h0km, n28, 0133/27, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, Time, Res, h m s, ISC, Pn. Includes stations like Black Hills, Casper, Red Feather La, etc.

MOS 06 20:04:48.4 1.8, 36.83N:84.97E, h10km, mb4.4/6, Error ellipse: s-maj=14.2km s-min=6.0km az=103.6

IDC 06 20:04:48.1-0.3, 36.74N:85.03E, h0km, mb3.7/12, mbmp3.8/17, ML3.8/5, MS3.1/10, Error ellipse: s-maj=25.5km s-min=15.4km az=42.0

ISC 06 20:04:50.9-0.7, 37.00N:108.85:06E:0.09, h10km, n43, 0215/40, mb3.8/16, MS3.3/7, 8C-2D, Southern Xinjiang

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

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

IDC 06 20:09:17.7-6.4, 31.31S:179.62W, h0km, mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=251.8km s-min=61.1km az=157.0, Kermadec Islands region

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

NEIC 06 20:11:08.1-0.7, 39.32N:101.119:32W:0.02, h10km, 5km, Error ellipse: s-maj=1.8km s-min=1.4km az=127.0

REN 06 20:11:08.5-0.5, 39.313N:101.119:32W:0.02, h9km, 6km, ML2.7/13, ML2.6/44(NEIC), Error ellipse: s-maj=1.7km s-min=1.4km az=110.0, Nevada

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

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

IDC 06 20:30:05.0-6.3, 9.82S: 118.16E, h49km, 60km, mb2.9/2, mbmp3.5/5, ML3.6/3, Error ellipse: s-maj=113.0km s-min=23.5km az=65.0

DJA 06 20:30:10.6-0.5, 9.5S: 119.9E, h42km, 12km, M4.0/7, ML4.0/7

ISC 06 20:30:07.7-0.9, 9.62S: 07:118:75E:0:05, h50km, n11, 0321/17, Sumbawa region

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

IDC 06 20:38:52.8-4.8, 69.26N:147.52W, h0km, mb3.6/2, mbmp3.7/6, ML3.6/4, Error ellipse: s-maj=63.9km s-min=29.1km az=135.0

AEIC 06 20:39:55.3-1.3, 68.94N:102.146:72W:0.05, h1km, 5km, ML3.8/11(NEIC), Error ellipse: s-maj=3.8km s-min=2.1km az=148.0

NEIC 06 20:38:55.2-0.9, 68.96N:102.146:69W:0.04, h2km, 4km, Error ellipse: s-maj=3.7km s-min=1.5km az=150.0

ISC 06 20:38:54.9-1.2, 68.95N:102.146:75W:0.02, h1km, 10km, n188, 0084/204, Northern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, Time, Res, h m s, ISC, Pn. Includes stations like D25K, D25K, etc.

Main data table with columns for station ID, name, coordinates, and other technical details. Includes sub-headers like 'IMAR Indian Mountain', 'M27K Edge Creek, AK', 'JMA 06:20:50.08...', 'Code Station Name', 'NEM2 Nemuro 2', 'NINC 06:20:52.36...', 'Code Station Name', 'KK07 Karatay Array', etc.

ISC 06 21:03:43.0±1.5, 37.20N, 0.07-142.3E, 0.1, h35km, n25, c2504/21, mb3.05, Off east coast of Honshu

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

MOS 06 21:28:32.7±0.9, 34.71N, 25.42E, h40km, mb4.3/13, Error ellipse: s-maj=7.6km s-min=4.6km az=72.4

HLW 06 21:28:33.6±1.5, 34.74N, 25.46E, h14km, 1.7km, Md4.1, Ml3.9, IDC 06 21:28:33.6±1.5, 34.77N, 25.47E, h35km, 1km, mb3.9/18, mbmp4.0/31, Ml3.7/10, MS3.1/4, Error ellipse: s-maj=14.9km s-min=11.0km az=177.0

THE 06 21:28:34.7±0.9, 34.66N, 25.45E, h5km, 5km, Ml3.6/2, Error ellipse: s-maj=6.8km s-min=1.1km az=356.0

NEIC 06 21:28:34.1±1.8, 34.66N, 0.07-25.36E, 0.06, h42km, 10km, mb4.1/30, Error ellipse: s-maj=11.6km s-min=6.3km az=207.0

MCSM 06 21:28:34.0±0.7, 35.2N, 25.25E, h46km, 6km, mb4.1, mB4.6, MLv4.0, Mw(m)B3.8

ISK 06 21:28:35.1±0.8, 34.84N, 25.49E, h72km, Ml3.5/24

ATH 06 21:28:36.7±0.8, 34.84N, 25.42E, h14km, 1km, Ml3/16, Error ellipse: s-maj=2.9km s-min=1.0km az=4.0

GII 06 21:28:37.8±0.3, 34.55N, 26.09E, h8km, mB4.1/4, Md3.9/3, Mw(s)4.1, confirmed

AFAD 06 21:28:37.5±0.0, 35.02N, 26.03E, h8km, 3km, Mw3.8

ISC 06 21:28:34.0±0.6, 34.66N, 0.04-25.50E, 0.04, h47km, 6km, h320, r186/352, mb4.134, MS2.9/3, 5C-8D, Crete

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APE, APE, APE, APE, APE, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMA0B, MMA1, MMA2, AMAZ, etc.

6d 22h

Table of station data for the 6d 22h section, including call signs, frequencies, and coordinates.

2018 OCT

Main table of station data for October 2018, listing call signs, frequencies, and coordinates.

332

Table of station data for the 332 section, including call signs, frequencies, and coordinates.

Table with 4 columns: Station Name, Azimuth, Elevation, and Time. Includes stations like MIAR, X40A, and JCT.

KRSC 06 22:03:49.8±1.0, 55.94N, 163.99E, h16km±1.9km, MI3.7, Off east coast of Kamchatka Peninsula

Table with 12 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists various stations like KBG, BKI, BKJ, etc.

IDC 06 22:08:08.7±0.7, 45.76N, 142.71E, h306km±8km, mb3.0/13, mbtmp3.7/18, Error ellipse: s-maj=14.8km s-min=14.2km az=94.0

JMA 06 22:08:08.4±0.3, 46°N, 142°E, h318km±2km, MV3.4/29, NE OFF HOKKAIDO

SKHL 06 22:08:09.2±0.4, 45.60N, 142.90E, h312km±1km, mb4.1/6, h312km±6km, h36±15/50, mb3.2/13, Hokkaido region

Large table with 12 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists numerous stations including JWKC, YSS, KHLM, ASAJ, etc.

IDC 06 22:14:26.5±18.0, 25°30'S, 67.86E, h0km, mb3.8/3, mbtmp3.8/3, MS3.2/2, Error ellipse: s-maj=602.9km s-min=46.1km az=52.0, Indian Ocean Triple Junction

Table with 12 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like H08S1, H08S2, H08S3, etc.

IDC 06 22:15:32.9±2.8, 35.84N, 70.58E, h84km±25km, mb3.9/22, mbtmp4.3/27, MS3.0/7, Error ellipse: s-maj=13.9km s-min=1.4km az=160.0

MOS 06 22:15:33.9±0.8, 35.99N, 70.63E, h102km, mb4.4/22, Error ellipse: s-maj=6.4km s-min=4.0km az=92.2

NEIC 06 22:15:35.2±2.0, 35.96N, 70.53E, h103km±7km, mb4.5/30, Error ellipse: s-maj=8.0km s-min=6.5km az=112.0

NMC 06 22:15:39.5±1.3, 36.36N, 70.41E, h98km±19km, mb4.3, mpv4.7, Error ellipse: s-maj=11.9km s-min=8.8km az=142.0

ISC 06 22:15:35.2±0.3, 35.89N, 70.63E, h110km, n293, s=1995/327, mb4.3/62, 30C-25D, Hindu Kush region

Large table with 12 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like KBL, SIMJ, NIL, GAR, etc.

Large table with 12 columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations like DDI, WUS, PRZ, etc.

Table of astronomical data for the first column, including station names like SHL, ZIRO, NCK, etc., and their corresponding coordinates and values.

Table of astronomical data for the second column, including station names like MNK, MNR, BURAR, etc., and their corresponding coordinates and values.

Table of astronomical data for the third column, including station names like TORD, DBIC, NEAZ, etc., and their corresponding coordinates and values.

NEIC 06 22:19.16:4.0, 6.18:2N:0:2:67.94W:0:08, h116km, 8km, M3.3/32, MD3.3/17(RSPR), Error ellipse: s-maj=33.8km s-min=3.1km az=197.0

SDD 06 22:19.16:7.2:8, 18:11N:68:02W, h119km, 17km, MD3.5, M3.2, MMV3.4

RSPR 06 22:19:16.6, 18:23N:67:98W, h113km, 1km, MD3.3/17

ISC 06 22:19:17.2:1.4, 18:26N:0:03:67.95W:0:03, h108km, 8km

m6.9, -0.79/96, 1.8C-23D, Hona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains detailed station information and event records.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Juan, Guaynabo City, InterUniversit, etc.

DJA 06 22:27:37.6:0.6, 1°S:4'12.0E, h10km, M3.6/7, MLV3.6/7
IDC 06 22:27:38.3:1.3, 1°07S:120.35E, h0km, mb3.5/4,
mbtm3.5/5, ML3.5/1, Error ellipse: s-maj=53.6km,
s-min=20.1km az=78.0

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

IDC 06 22:27:57.9:3.1, 9°10S:110°16E, h0km, mb3.7/5,
mbtm3.7/5, Error ellipse: s-maj=167.4km s-min=22.0km
az=48.0

DJA 06 22:02:11.4:1.9, 5°S:4'11.0E, h10km, M3.8/11,
mb4.0/1, mB5.1/1, MLV3.8/11, Mw(mB)4.5/1

ISC 06 22:02:03.6:1.3, 9°19S:10°10'24E:0.08, h35km, n18,
r=148/21, mb3.9/5, South of Jawa

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

IDC 06 22:42:43.5:3.0, 16°13N:147°30E, h0km, mb3.6/6,
mbtm3.6/6, Error ellipse: s-maj=98.4km s-min=24.8km
az=82.0

ISC 06 22:42:49.1:3.0, 16°11N:02°147'3E:0.6, h38km, n6,
c=57/6, mb3.8/6, Mariana Islands region

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

IDC 06 23:01:00.7:1.8, 6°23S:148°96E, h54km, 14km, mb4.5/16,
mbtm4.8/17, ML5.8/1, MS3.9/33, Error ellipse:
s-maj=20.7km s-min=8.9km az=104.0

MOS 06 23:01:00.3:1.0, 6°22S:148°81E, h56km, mb5.1/24, Error
ellipse: s-maj=9.9km s-min=6.4km az=96.4

GCMT 06 23:01:01.8:0.3, 6°45S:02°149'10E:0.02, h42km,
MW4.9/79, Moment Tensor Solution. s68, c87, s75, c105;
Duration: 0 Moment tensor: Scale 10^18Nm; M3.28±.13;
Mw=0.76±.09; Mw=2.52±.09; Mw1.68±.07; Mw=0.35±.06;
Best double couple: M3.25400±10^16
NP1.171.0000°, s49.0000°, l62.0000°, NP2:
g=30.0000°, d48.0000°, l118.0000°. Principal axes: T
3.9190, Plg70.0000°, Azm12.0000°, N -1.3290,
Plg20.0000°, Azm190.0000°, P -2.5880, Plg0.0000°,
Azm281.0000°; nstai refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

NEIC 06 23:01:01.8:1.8, 6°22S:02°148'89E:0.07, h52km, 14km,
mb5.0/90 Error ellipse: s-maj=10.1km s-min=8.2km

az=111.0
DJA 06 23:01:01.1:0.6, 6°S:4'14'9E, h51km, 6km, M5.3/25,
mB5.6/9, mb5.1/25, MLV5.8/1, Mw(mB)5.0/9
ISC 06 23:01:02.0:0.4, 6°36S:02°148'92E:0.04, h62km, 3km,
h61km, pp-P, n713, c=113/707, mb4.9/104, 33C-16D, New
Britain region

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

MTSU Mount Surprise 12.53 201 P Pn 23 03 59.6 +1.9
TVIH Townsville Har 19.29 189 P Pn 23 04 05.7 +1.9

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

MTN Mantion Dam 18.67 249 P P 23 05 15.9 +0.6
MTN Mantion Dam 18.67 249 P Pn 23 05 16.6 +0.3

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

WRA Warramunga Arr 19.56 225 P P 23 05 26.3 +1.3
WRA Warramunga Arr 19.56 225 P Pn 23 08 57.3 -5.5

WRA Warramunga Arr 19.56 225 P Pn 23 09 43.4 +0.1
WRA Warramunga Arr 19.56 225 P Pn 23 13 16.1 +1.8

WRA Warramunga Arr 19.56 225 P Pn 23 05 25.5 +0.4
GUMO Guam 20.22 349 P P 23 05 31.2 -1.0

GUMO Guam 20.22 349 P Pn 23 05 32.6 +0.4
GUMO Guam 20.22 349 P Pn 23 05 31.7 -0.5

KOUNC Koumac, New Ca 20.52 135 P P 23 05 35.8 +0.4
KOUNC Koumac, New Ca 20.52 135 P Pn 23 05 36.5 +1.1

VLAKA Lakatoro 20.55 120 P Pn 23 05 39.9 +0.4
QLP Quilpie 20.60 192 P P 23 05 37.4 +1.2

QLP Quilpie 20.60 192 P P 23 05 37.6 +1.4
QLP Quilpie 20.60 192 P P 23 05 38.2 +2.0

AUWSH Wavell State H 21.27 172 P P 23 05 44.5 +0.9
KNRA Kununurra 21.82 243 P P 23 05 49.6 +0.2

KNRA Kununurra 21.82 243 P Pn 23 05 49.8 +0.4
NLAI Namlea 21.96 277 P P 23 05 55.0 +4.1

AS31 Alice Springs 22.46 218 P P 23 05 57.0 +0.7
AS31 Alice Springs 22.46 218 P Pn 23 06 16.7

AS31 Alice Springs 22.46 218 P Pn 23 05 57.6 +1.3
ASAR Alice Springs 22.46 218 P Pn 23 05 56.9 +0.6

ASAR Alice Springs 22.46 218 P Pn 23 05 57.7 +1.4
ASAR Alice Springs 22.46 218 P Pn 23 09 49.5 +0.7

ASAR Alice Springs 22.46 218 P Pn 23 13 23.6 +2.2
ASAR Alice Springs 22.46 218 P Pn 23 14 55.3

ASAR Alice Springs 22.46 218 P Pn 23 13 23.6 +2.2
ASAR Alice Springs 22.46 218 P Pn 23 13 23.6 +2.2

INKA Innaminka 22.64 199 P P 23 05 58.6 +0.6
INKA Innaminka 22.64 199 P Pn 23 05 59.3 +1.3

LIFNC LIFOR 22.92 131 P P 23 05 59.1 -1.0
NOLC Port Laquerre 22.92 135 P Pn 23 05 59.2 +1.4

YATNC Mamie plateau, 23.35 134 P P 23 06 04.9 -0.3
ARMA Armidale 24.07 174 P P 23 06 12.3 +0.5
ARMA Armidale 24.07 174 P Iamb Iamb 23 06 17.8

ARMA Armidale 24.07 174 P P 23 06 12.4 +0.6
ARMA Armidale 24.07 174 P P 23 06 12.8 +0.9

ARMA Armidale 24.07 174 P P 23 06 12.8 +0.9
ARMA Armidale 24.07 174 P P 23 06 12.8 +0.9

SOEI Soe 24.63 261 P P 23 06 18.2 +1.0
SOEI Soe 24.63 261 P P 23 06 20.0 +2.9

SOEI Soe 24.63 261 P P 23 06 20.1 +2.9
AUPHS Peel High Scho 24.68 176 P P 23 06 18.6 +1.3

OOD Oodnadatta 24.74 209 P P 23 06 18.9 +1.0
OOD Oodnadatta 24.74 209 P P 23 06 19.2 +1.3

CMSA Cobar Meteorol 25.23 186 P P 23 06 23.4 +1.1
CMSA Cobar Meteorol 25.23 186 P P 23 06 23.7 +1.4

BATI Baumata 25.27 260 P P 23 06 24.8 +1.9
FITZ Fitzroy Crossi 25.52 241 P P 23 06 26.0 +0.9

FITZ Fitzroy Crossi 25.52 241 P P 23 06 26.4 +1.3
FITZ Fitzroy Crossi 25.52 241 P P 23 06 26.1 +1.0

FITZ Fitzroy Crossi 25.52 241 LR P LR 23 07 129.0
AUCDS Dubbo College 25.74 181 P P 23 06 28.4 +1.5

LCKR Leigh Creek 25.99 201 P P 23 06 29.6 +0.4
LCKR Leigh Creek 25.99 201 P P 23 06 30.5 +1.3

BBSI Bau Biau 26.22 270 P P 23 06 40.8 +9.3
STKA Stephens Creek 26.29 194 P P 23 06 32.6 +0.7

STKA Stephens Creek 26.29 194 P P 23 06 32.7 +0.9
STKA Stephens Creek 26.29 194 P P 23 06 32.8 +0.9

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STKA Stephens Creek 26.29 194 P P 23 06 32.8 +0.9

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like WAT1 Susitna Watana, SCM Sheep Creek Mo, QSPA South Pole Qui, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like O28M Mount Upton, PNL Peninsula, D24K Happy Valley, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like PDAR Pinedale Array, S22A 4UR Ranch, N23A Red Feather La, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AMBA, MURT, PTGB, TIO, etc.

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

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Champ du Feu, BCLA Clavier, PRMA PAMA, WLF Waferdange, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, CKRC Cesky Krumlov, ARSA Arzberg, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, KLV OSTC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UZHMH, ODSA, LOT, KOLS, KOLONICKE, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like N41A Harden Midland, JHQQ Juriquilla Cam, HAL Halifax, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like EYMN Ely, EYMN Ely, DRLN Deer Lake, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like LPAZ La Paz, SRIG Santa Rosalia, WUAZ Wupatki, etc.

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Table with columns: Station, Frequency, Power, Direction, etc. Includes stations like ELK, NBPB, HLID, NBCL, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes stations like YBH, AC06, SACV, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes stations like MT03, VA05, CNL5, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MORF, PCAS, S32K, C36M, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PBAR, LBAR, PBRG, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M29M, DBG, BCPM, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like ESKdalemuir, HL1M1, MONM1, EKA, GRNC, E29M, MESA, SGMP, I28M, LL07, ISLE, M27K, EGAK, DAG, SNH, LL02, DRUM, WAX, F28M, TGL, JMI, D28M, EDMD, JMJC, E28M, CRQE, BGLC, K27K, K27K, CRQM, LBWR, MCARA, MCARA, MCARA, I27K, I27K, M26K, M26K, M26K, H27K, V27K, BERG.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BERG, SUCK, SUCK, G27K, G27K, G27K, L26K, L26K, L26K, GLB, SJPF, SJPF, GRR, GRR, HMT, KAIM, KAIM, E27K, E27K, D27M, D27M, I26K, I26K, I26K, RAGM, RAGM, J26L, J26L, J26L, BMRM, BMRM, FLN, FLN, N25K, N25K, N25K, SCRK, SCRK, ETSF, ETSF, ASCN, ASCN, CART, CART, MFF, MFF, HARP, HARP, HARP, RIDG, RIDG, RIDG, G26K, G26K, EYAK, EYAK, PAX, PAX, KLU, KLU, KLU, F26K, F26K, Q23K, Q23K, Q23K, J25K, J25K, J25K, J25K, J25K, EPF, EPF, EPF, BMAR, BMAR, K24K, K24K, K24K, M24K, M24K, M24K, HIN, HIN, HIN, PFD, PFD, C27K, C27K, C27K.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like C27K, PRP, PRP, PRP, FYU, LFF, LFF, H25L, GLI, GLI, GLI, GLI, GLI, F25K, F25K, P23K, P23K, P23K, G26K, G26K, SCM, SCM, SCM, SCM, SCM, HDA, HDA, HDA, COYC, COYC, COYC, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, M23K, M23K, WAT6, WAT6, POKR, POKR, POKR, D25K, D25K, PWL, PWL, PWL, CCB, CCB, CCB, COLA, COLA, COLA, COLA, COLA, COLA, COLA, COLA, COLA, CLF, SML, SML, SML, SML, SML, G24K, G24K, G24K, G24K, G24K, WRH, WRH, CAF, CAF, TCF, TCF, H24K.

Table with columns for station ID, name, frequency, SNR, and signal strength. Includes stations like H24K, WAT1, F24K, GHO, MTLF, RND, PMR, MCK, MCK, MCK, NEA2, NEA2, E24K, O22K, O22K, O22K, RC01, RC01, I23K, I23K, I23K, I23K, H23K, H23K, H23K, D24K, D24K, C24K, C24K, AVF, AVF, M22K, M22K, M22K, M22K, FIS, FIS, SSF, SSF, CUT, CUT, CUT, E23K, E23K, TOLK, TOLK, G23K, G23K, G23K, G23K, BRSE, BRSE, LOR, LOR, COLD, COLD, SUA, SUA, SUA, SUA, BAIF, BAIF, SUE, SUE, SMF, SMF, BRLK, BRLK, MLY, MLY, MLY, MLY, MLY, MLY, AY03, AY03.

Table with columns for station ID, name, frequency, SNR, and signal strength. Includes stations like AY03, AY03, KTH, KTH, FOO, FOO, BPAW, BPAW, BPAW, CAPN, CAPN, ASK, ASK, ASK, CNFM, CNFM, DOU, DOU, KMY, KMY, KMY, D23K, D23K, BER, BER, BER, C23K, C23K, BMRD, BMRD, SKT, SKT, SKT, H22K, H22K, H22K, GIVF, GIVF, HOM, HOM, HOM, DBIC, DBIC, DBIC, DBIC, DBIC, DBIC, G22K, G22K, BGES, BGES, I21K, I21K, I21K, I21K, RCHB, RCHB, PPLA, PPLA, PPLA, BCLA, BCLA, N20K, N20K, N20K, N20K, VIVF, VIVF, VIVF, BSTI, BSTI, Q20K, Q20K, Q20K, BLS5, BLS5, BLS5, BLS5, BEBN, BEBN, O20K, O20K, O20K, ODD1, ODD1, ODD1, H21K, H21K.

Table with columns for station ID, name, frequency, SNR, and signal strength. Includes stations like H21K, H21K, H21K, H21K, KDAK, KDAK, KDAK, KDAK, KDAK, D22K, D22K, AKN, AKN, AKN, AKN, MEM, MEM, MEM, M20K, M20K, M20K, BHOU, BHOU, BTNL, BTNL, P19K, P19K, P19K, P19K, F21K, F21K, F21K, F21K, G21K, G21K, G21K, WLF, WLF, WLF, SNART, SNART, SNART, B22K, B22K, B22K, GO08, GO08, GO08, MOL, MOL, MOL, MOL, IMAR, IMAR, OHAK, OHAK, OHAK, E21K, E21K, E21K, L20K, L20K, L20K, L20K, Q19K, Q19K, K20K, K20K, K20K, K20K, J20K, J20K, J20K, J20K, CABF, CABF, CABF, HAU, HAU, HAU, ORIF, ORIF, ORIF, I20K, I20K, I20K, B21K, B21K, B21K, B21K, B21K, M19K, M19K, M19K, M19K, M19K, SKAR, SKAR, SKAR, SKAR, SKAR, C21K, C21K, C21K, O19K, O19K.

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Table with columns for station ID, name, coordinates, and various data points. Includes stations like O19K, N19K, H20K, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like B20K, Q17K, E19K, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like STU, BSEG, NRDL, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like MLR, ONER, COVR, TESR, KIEV, AKASG, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like MOS, PMSA, PMSA, ZKR, etc.

Table with columns: Station, Frequency, Power, and other metrics. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns for station codes (TROLL, ZEA, KURB, etc.), call signs, frequencies, and various status indicators (e.g., Pmax, Pdif, PKIKP, SKS, etc.). Rows list stations across various geographic locations and time slots.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRO Warramunga Arr, SANI Sanana, WB2 Warramunga Arr, WRAB Tennant Creek.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, AGPR Agupia, AGPR Agupia.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arra, SONMI Songoing Array, ZALV Zalesovo Beam, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LJU 07 00:18:26.4, 46:39N;15:07E, h0km, Confirmed Rockburst, Northwestern Balkan Peninsula. Also includes stations like LCND La Caada, ZAVS Zavodnje, CSGN Cosiguina Volc, RANC El Ranchito, BLMM Bellamira, PACA Pacayal, TECA Tecapa, PQSS Presa 15 de Se.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like POSSE Presa 15 de Se, CAHU Cacahu, COEG Centro de Oper, CRIN San Cristobal, LFRS El Faro, PAVA Las Pavas, LALI Alcaldia de L, LOMA Loma Larga, AELM Aeropuerto Ilo, AELI Aeroflue, LFU La Fuente, ALFN Leon, UTEC Universidad Te, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, HERN Volcan Telica, UES Universidad Ev, PIC2 El Picacho, BOYS Boqueron, JAYA Jayaque - finc, QUEZ Alcaldia de Qu, QUEZ Santa Ana, CEDA Cedo, LEVN Ruinas Leon Vi, BC84 Volcan Momotom, TGUH Tegucigalpa, Un, MOM2 El Cardon, CEVE Cerro Verde, SBLS San Blas, UNIC Universidad Ca, LIMN Finca el Limon, APYN Apoyeque, NUBE Las Nubes, APQZ Apoyeque, ABCN Banco Central, LOAL Lomas de Alarc, ALLN Telcor Managua, TISN Laguna Tiscapa, RASA7 El Crucero, ENAN Enantrel Managu, R4DEC Barrio San Lui, MTO3 Montecristo, MTO3 Montecristo, R0529 La Mascota, WILN Americas 2, MASN Masaya, SABS Sabanita, RCVN Varillal2, RCPN Sur Rio San Ju, BOAB BOACO BROADBAN, BOAB BOACO BROADBAN, JAPAN AI SSO del Vol, MRL Marmol, NBG Las Nubes, CONN Concepcion, OMEN AI SSO del Vol, PCG Pacaya, LCRUZ La Cruz, FUG Fuego 3, ACON Acopya, ACON Acopya, ELH Hacienda Flor, GPS2 Hotel Rincn d, DELF Filadelfia, RTAL Ritalehu, JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, MTEVE Monteverde, HUEH Huehuetenango, SOCE Socote, PETF Flores, ACOS Acosta, ABEE San Pablo, LCR2 La Lucha 2, LCR2 La Lucha 2, LLNJ Naranjito, CCGJ Comitán, BUEN Buena Vista, EDBA Buenos Aires, BRU2 Volcan, TEIG Tepich, TEIG Tepich, CMIG Matias Romero, CMIG Matias Romero, CLMG Volcan, ZAIG Zacatecas, HBVL Hibernville, HKT Hockley, 833A Chaparral WMA, 833A Chaparral WMA, 833A Chaparral WMA, Blakely, HNDO Hondo, 146A Union, 435B Jarrell, 435B Jarrell, DRIO Del Rio, DRIO Del Rio, 154A Montrose, 154A Montrose, JCT Junction City, JCT Junction City, BRDY Brady, GOGA Godfrey, Y49A Blount Mountai, WLAR White Oak Lake, WLAR White Oak Lake, SAND Sanderson, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, HUMP Col San Antoni, HUMP Col San Antoni, MIAR Mount Ida, MIAR Mount Ida, JSC Jenkinsville, JSC Jenkinsville, PAUL Pauline, PAUL Pauline, TKL Tuckaleechee C, TKL Tuckaleechee C, SLBS Sierra La Laguna, SLBS Sierra La Laguna, X34A Smith Ranch, WMOK Wichita Mounta, WMOK Wichita Mounta, TBGT Tabatinga, TBGT Tabatinga, CCM Cathedral Cave, CCM Cathedral Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, 121A Cookes Peak, D, 121A Cookes Peak, D, SRIG Santa Rosalia, ACSO Alum Creek Sta, ACSO Alum Creek Sta, T25A Trinidad, SDCO Great Sand Dun, SDCO Great Sand Dun, S22A 4UR Ranch, C, S22A 4UR Ranch, C, ETMB Extrema, ETMB Extrema, N23A Red Feather La, N23A Red Feather La, CBX Cerro Bola, CBX Cerro Bola, L61B Northampton, L61B Northampton, SAML Samuel, SAML Samuel, TPFO Pinon Flats, TPFO Pinon Flats, PFO Pinyon Flats O, PFO Pinyon Flats O, V12A Nelson, V12A Nelson, COWI Conover, COWI Conover, RSSD Black Hills, RSSD Black Hills, TPNV Topopah Spring, TPNV Topopah Spring, SPR3 Spring Creek 3, SPR3 Spring Creek 3, PD31 Pinedale Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, R11B Troy Canyon, C, R11B Troy Canyon, C, AHID Auburn Hatcher, AHID Auburn Hatcher, SNOW Snow King Moun, SNOW Snow King Moun, ELK Elko, ELK Elko, NV11 Mina Array Sit, NV11 Mina Array Sit, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, YMP Mirror Lake Pi, YMP Mirror Lake Pi, KVN Kaiserville, KVN Kaiserville, WBN Battle Mountai, WBN Battle Mountai, VML Vilhena, VML Vilhena, ULM Lac du Bonnet, ULM Lac du Bonnet, LMM Caledonia Moun, LMM Caledonia Moun, LMM Caledonia Moun, LMM Caledonia Moun.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, MTEVE Monteverde, HUEH Huehuetenango, SOCE Socote, PETF Flores, ACOS Acosta, ABEE San Pablo, LCR2 La Lucha 2, LCR2 La Lucha 2, LLNJ Naranjito, CCGJ Comitán, BUEN Buena Vista, EDBA Buenos Aires, BRU2 Volcan, TEIG Tepich, TEIG Tepich, CMIG Matias Romero, CMIG Matias Romero, CLMG Volcan, ZAIG Zacatecas, HBVL Hibernville, HKT Hockley, 833A Chaparral WMA, 833A Chaparral WMA, 833A Chaparral WMA, Blakely, HNDO Hondo, 146A Union, 435B Jarrell, 435B Jarrell, DRIO Del Rio, DRIO Del Rio, 154A Montrose, 154A Montrose, JCT Junction City, JCT Junction City, BRDY Brady, GOGA Godfrey, Y49A Blount Mountai, WLAR White Oak Lake, WLAR White Oak Lake, SAND Sanderson, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, HUMP Col San Antoni, HUMP Col San Antoni, MIAR Mount Ida, MIAR Mount Ida, JSC Jenkinsville, JSC Jenkinsville, PAUL Pauline, PAUL Pauline, TKL Tuckaleechee C, TKL Tuckaleechee C, SLBS Sierra La Laguna, SLBS Sierra La Laguna, X34A Smith Ranch, WMOK Wichita Mounta, WMOK Wichita Mounta, TBGT Tabatinga, TBGT Tabatinga, CCM Cathedral Cave, CCM Cathedral Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, 121A Cookes Peak, D, 121A Cookes Peak, D, SRIG Santa Rosalia, ACSO Alum Creek Sta, ACSO Alum Creek Sta, T25A Trinidad, SDCO Great Sand Dun, SDCO Great Sand Dun, S22A 4UR Ranch, C, S22A 4UR Ranch, C, ETMB Extrema, ETMB Extrema, N23A Red Feather La, N23A Red Feather La, CBX Cerro Bola, CBX Cerro Bola, L61B Northampton, L61B Northampton, SAML Samuel, SAML Samuel, TPFO Pinon Flats, TPFO Pinon Flats, PFO Pinyon Flats O, PFO Pinyon Flats O, V12A Nelson, V12A Nelson, COWI Conover, COWI Conover, RSSD Black Hills, RSSD Black Hills, TPNV Topopah Spring, TPNV Topopah Spring, SPR3 Spring Creek 3, SPR3 Spring Creek 3, PD31 Pinedale Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, R11B Troy Canyon, C, R11B Troy Canyon, C, AHID Auburn Hatcher, AHID Auburn Hatcher, SNOW Snow King Moun, SNOW Snow King Moun, ELK Elko, ELK Elko, NV11 Mina Array Sit, NV11 Mina Array Sit, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, YMP Mirror Lake Pi, YMP Mirror Lake Pi, KVN Kaiserville, KVN Kaiserville, WBN Battle Mountai, WBN Battle Mountai, VML Vilhena, VML Vilhena, ULM Lac du Bonnet, ULM Lac du Bonnet, LMM Caledonia Moun, LMM Caledonia Moun, LMM Caledonia Moun, LMM Caledonia Moun.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LYMT, MSO, NEW, FFC, etc. and technical data like 'IDC 07:00:29.46.5.8.3.22Sx179.54W, h75km±61km, mb3.6/4, mbtmp3.9/6, ML4.0/1, M/S3.4/1, Error ellipse: s-maj=73.8km s-min=26.2km az=52.0'.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KUZ, TWGZ, CNGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CO02, CO02, PB14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GULN, IGLN, IGLN, etc.

SDD 07 00:39:58.0-4.4, 2.0:09N:73.03W, h17km, z266km, MD4.3, ML4.0, MW4.0

SSNC 07 00:39:58.0-2.0, 2.0:30N:72.91W, h5km, z9km, MD3.7, ML3.8, MW3.6

ISC 07 00:39:58.1-1.4, 2.0:07N:073.01W, z0.03, h12km, z11km, n21, r1929/37, 13C-8D, Haiti region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TRQA, ITQB, SIV, etc.

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

MOAC Moa 1.92 288 eP Pn 00 40 30.3 -0.4

NIC 07 01:03:58.8, 35:03N:33:28E, h41km, z156km, M2/5/10

VAO 07 01:04:48.8-0.6, 17:16S:69:89W, h129km, z5km, mb3.8

AFAD 07 01:04:01.3-0.0, 35:33N:33:18E, h18km, z1km, ML2.1

NEIC 07 01:04:50.2-2.3, 17:19S:070:06W, 07.0, h156km, z6km, mb4.3/9, Error ellipse: s-maj=12.7km s-min=6.6km

AFAD 07 01:04:01.3-0.0, 35:33N:33:18E, h18km, z1km, ML2.1

ISC 07 01:04:50.7-0.5, 17:19S:070:06W, 07.0, h150km, n80, r166/85, mb4.2/4, ACZ, Peru-Bolivia border region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB18, AP01, AP01, etc.

IDC 07 00:49:56.0-1.5, 27:94S:71:28W, h0km, mb3.7/2, mbmp3.7/6, ML3.8/4, Error ellipse: s-maj=55.2km s-min=25.3km az=108.0

NEIC 07 00:49:59.5-1.8, 27:92S:071:26W, z0.07, h19km, z1km, mb4.1/8, ML4.1(GUC), Error ellipse: s-maj=8.6km s-min=5.4km az=83.0

GUC 07 00:50:00.4-0.7, 28:07S:71:04W, h34km, z2km, ML4.1

ISC 07 00:50:00.4-0.7, 28:07S:71:04W, h34km, z2km, ML4.1

ISC 07 01:04:50.7-0.5, 17:19S:070:06W, 07.0, h150km, n80, r166/85, mb4.2/4, ACZ, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AC04, AC04, AC04, etc.

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

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Curarrehue, Santa Maria do, Paso Flores, etc.

SSNC 07 01:05:38.8; 1.4, 20.42N; 72.81W, h1km, 13km, MD3.4, ML3.0

SDD 07 01:05:40.3; 2.3, 20.02N; 72.99W, h19km, 137km, MD3.2, ML3.3, MW3.5

ISC 07 01:05:40.4; 3.5, 20.04N; 07.73; 00W; 0.03, h14km, 25km, n19, c674/36, 12C-3d, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Masc, Montecristi, Port-au-Prince, etc.

IDC 07 01:06:49.0; 0.7, 54.58S; 136.91W, h0km, mb4.21, mtbpm4.2/11, MS5.0/34, Error ellipse: s-maj=26.1km, s-min=18.7km az=167.0

Mn=0.48; Ms=2.63; Mw=2.14; Mo=0.81; Mbb1.61; Mbr=0.16; Fault plane solution: M2.98000x1017 NP1; q=117.76000; 889.56000; A.15.20000; NP2; p=27.64000; 574.80000; 179.54000; Principal axes: T. 3.25999, Plg11.00000; Azm344.00000; N -0.5527, Plg75.00000; Azm119.00000; P -2.7072, Plg10.00000; Azm252.00000;

GCMT 07 01:06:55.2; 0.1, 54.67S; 0.01; 135.66W; 0.01, h18km, MW5.6/158, Moment Tensor Solution. s117.c195; s158.c301; Duration: 1s6 Moment tensor: Scale 1017 Nm; Mn=0.12; Mo=2.36; Mw=2.24; Ms=0.07; Mo=0.05; Mo=0.05; Best double couple: Ms3.27000x1017 NP1; p=13.00000; 385.00000; A.10.00000; NP2; p=22.00000; 880.00000; A.175.00000; Principal axes: T. 3.3890, Plg10.00000; Azm338.00000; N -0.2220, Plg79.00000; Azm137.00000; P -3.1650, Plg4.00000; Azm247.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 01:06:50.8; 0.4, 54.38S; 0.07; 135.67W; 0.09, h10km, n120, c1970/57, mb4.7/28, MS5.3/54, 5C-1D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Scott Base, Rikitea, Tubuai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like CPUP, NNA, LPAZ, ATAH, etc.

SDD 07 01:06:15.2; 3.5, 20.03N; 73.02W, h20km, 68km, MD3.7, JID ML3.0, MW3.5

SSNC 07 01:08:16.7; 0.7, 20.40N; 72.87W, h16km, 8km, MD3.2, ML2.4

ISC 07 01:08:16.0; 1.2, 20.04N; 07.73; 00W; 0.03, h32km, 13km, n14, c206/25, 4C-6D, Haiti region

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

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like AAK Ala-Archa, BVAR Borovoye Array, J20K Novinta River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like AKT Akt, OBN Obninsk, LPSR Galich ya Gora, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like TPGR Toplog, BUOR8 Bucovina Ar. S, KWP Katoria Pacla, etc.

Table with columns: KBA, Koelnbreinsper, 84.18 325 i P, 01 26 45.8 -0.2, etc. Lists various stations and their parameters.

IDC 07 01:15:19.5:1.1, 21.945x169.77E, h0km, mb4.0/6, mbmp4.0/7, ML3.6/1, Error ellipse: s-maj=28.9km, s-min=25.8km az=176.0

NOU 07 01:15:21.8:2.1, 21.925:169.66E, h0km, MLV3.8/12, Southeast of Loyalty Islands

NEIC 07 01:15:23.2:1.6, 22.35:0.1x169.7E:0.1, h10km, 1km, mb4.4/4, Error ellipse: s-maj=21.5km s-min=12.3km az=132.0

ISC 07 01:15:23.6:0.8, 21.935:0.09x169.75E:0.09, h25km, n44, az=62/45, mb4.3/1.0, 4C, Southeast of Loyalty Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists station data for various locations.

SDD 07 01:19:52.8:1.2, 20.00N:73.08W, h0km, 7km, MD3.1, ML2.5, MW2.6

SSNC 07 01:19:54.7:1.7, 20.42N:72.85W, h7km, 16km, MD3.1, ML2.4

ISC 07 01:19:53.8:2.5, 20.3N:0.2:72.95W:0.06, h13km, 20km, n12, az=093/18, 1C-2D, Haiti region

Continuation of the main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: SDDR, Presa de Saban, 2.05 130 ePg, 01 20 29.1 +1.0, etc. Lists station data for Presa de Saban.

Rica Carpio region n20, az=188/37, 11C-9D, Haiti region

SDD 07 01:30:17.7:3.1, 20.05N:73.02W, h17km, 163km, MD3.4, ML3.5, MW3.3

SSNC 07 01:30:18.9:1.3, 20.18N:72.92W, h7km, 11km, MD3.5, ML3.3

ISC 07 01:30:17.4:1.7, 20.11N:0.07:72.94W:0.03, h19km, 5km, n20, az=188/37, 11C-9D, Haiti region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists station data for various locations.

IDC 07 01:35:48.5:4.8, 37.23N:71.91E, h116km, 36km, mb3.6/10, mbmp4.1/15, MS4.4/1, Error ellipse: s-maj=43.0km, s-min=25.2km az=152.0

BUI 07 01:35:48.6, 37.38N:71.64E, h128km, mb4.6/14, MB5.3/6

MOS 07 01:35:49.0:1.0, 37.36N:71.71E, h129km, mb4.1/6, Error ellipse: s-maj=9.8km s-min=4.8km az=85.6

NEIC 07 01:35:50.3:1.5, 37.35N:0.05:71.65E:0.08, h120km, 7km, mb4.5/8, Error ellipse: s-maj=11.0km s-min=4.1km az=92.0

NNC 07 01:35:55.8:3.2, 37.87N:71.55E, h182km, 47km, mb3.4, mp4.4, Error ellipse: s-maj=30.3km s-min=18.8km az=21.0

ISC 07 01:35:48.0:4.4, 37.27N:0.04:71.74E:0.04, h109km, 127, az=205/157, mb4.3/22.7C-8D, Afghanistan-Tajikistan border region

Continuation of the main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Main table with columns: KBK, Karagaybulak, 5.92 24 P, 01 37 16.2 +2.8, etc. Lists station data for various locations.

7d 1h

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Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like HHC, AKASG, MNK, PMSA, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like URZ, QSPA, PMSA, RPZ, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ROSC, MACA, MTO3, CMIG, etc.

IDC 07 01:44:20.8-0.6, 54.57S; 136.04W, h0km, mb4.3/11, mtbpm4.3/11, MS4.9/42, Error ellipse: s-maj=25.1km

NEIC 07 01:44:23.0±2.4, 54.75S; 0.1x135.8W±0.2, h10km, 1km, mb5.0/36, Mmw5.4/19, Error ellipse: s-maj=23.2km

SDD 07 01:59:00.4±1.7, 19.85N; 73.12W, h0km, 11km, MD3.2, ML2.8, MV2.8

NEIC 07 01:44:22.9±5.4S; 136.02W, h26km, Moment Tensor Solution. Duration: 2.3s. Moment tensor: Scale 1017Nm

NEIC 07 01:44:22.9±5.4S; 136.02W, h26km, Moment Tensor Solution. Duration: 2.3s. Moment tensor: Scale 1017Nm

ISOC 07 01:44:22.6±0.4, 54.54S; 135.72W±0.08, h10km, n113, r125/67, mbs.0/31, MSS.0/42, C-2D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like CTZ, SBA, RKT, etc.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like OTAV, SAML, H01W, etc.

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like MAS, MCDR, PAPH, etc.

7d 2h

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Table with columns: Station Name, Time, Res, and other parameters. Includes stations like KBTR, KBBG, KBBG, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like ILAR, Eielson Array, FBU, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like QSPA, South Pole Qui, OHAK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like AMBA, ITTB, BOAV, etc.

NEIC 07 02:29:51.1+1.9, 22.9S:0.176:1W:0.2, h60km, 3km, mb4.7/25, Error ellipse: s-maj=20.2km s-min=16.0km az=103.0

IDC 07 02:29:58.7-4.8, 23.00S:176.28W, h129km, 38km, mb4.2/7, MS3.6/2, Error ellipse: s-maj=31.0km s-min=23.9km az=109.0

NOU 07 02:30:21.7, 23.26S:176.85W, h326km, mb4.4/14, South of Fiji Islands

ISC 07 02:29:55.0, 6.23, 2310S:0.09, 176.1W:0.1, h100km, n85, s1566/76, mb4.6/22.5C, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like RAO, MSVF, PINNC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like H03N2, H03N3, H03N1, etc.

SDD 07 02:30:03.8, 6.1, 20.81N:72.66W, h68km, 190km, MD3.1, ML2.7, MW2.9

SSNC 07 02:30:06.7-0.9, 20.04N:72.75W, h12km, 8km, MD3.0, ML2.5

ISC 07 02:30:01.5, 1.9, 20.4N:0.17, 72.72W:0.05, h9km, 12km, n11, s190/19, 3C-1D, Haiti region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like MCDR, MASC, REDR, etc.

SSNC 07 02:35:14.5-1.1, 19.96N:72.78W, h7km, 9km, MD3.0, ML2.3

SDD 07 02:35:16.4-2.4, 20.00N:73.04W, h15km, 26km, MD3.2, ML2.6, MW2.9

ISC 07 02:35:16.1, 2, 20.01N:0.06, 72.91W:0.03, h16km, 11km, n14, s136/26, 4C, Haiti region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like MCDR, MASC, PAPH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like JIDR, SDDR, MOAC, etc.

IDC 07 02:39:37.6, 5.6, 36.79N:74.67E, h83km, 44km, mb3.4/7, mtbmp3.8/12, ML3.6, 5, Error ellipse: s-maj=40.4km

NEIC 07 02:39:39.2, 1.8, 36.87N:0.05, 74.57E:0.07, h79km, 10km, mb3.9/4, Error ellipse: s-maj=11.0km s-min=1.3km az=51.0

SOME 07 02:39:44.0, 38.30N:73.20E, h30km, NINC 07 02:39:45.1, 8.4, 37.34N:74.81E, h181km, 59km, mb3.2, mpv4.2, Error ellipse: s-maj=80.1km s-min=64.1km az=74.0

ISC 07 02:39:37.0-0.6, 36.81N:0.05, 74.53E:0.07, h100km, n85, s256/67, mb3.7/8, 7C-4D, Northwestern Kashmir

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like NIL, GAR, BTK, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like Chengdu, Lanzhou, Ulanbaatar, Magadan, Son La, Nongkai, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like Makanchi Array, Allice Springs, Kuk Creek, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like Donlin, Koliganek Bris, King Salmon, Nushagak Hills, etc.

7d 3h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, and other parameters. Includes entries like Q20K Shuyak Island, SY1 Shuyak Island, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, and other parameters. Includes entries like COLA College, CCB Clear Creek Bu, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, and other parameters. Includes entries like D27M Malcolm River, CTG China Glacier, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like P33M Teslin, Yukon, A36M Sachs Harbour, U33K Whale Pass, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like TRO Tromso, VALR Valaam, LPSR Galich'ya Gora, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like NVAR Mina Array Bea, PABE Paberze, AK03 Malin Array Si, etc.

7d 4h

Table of astronomical observations for 7 days and 4 hours, listing station names, codes, and various parameters like elevation and azimuth.

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Main table of astronomical observations for October 2018, listing station names, codes, and various parameters like elevation and azimuth.

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Table of astronomical observations for specific stations, including details like station name, code, and phase ID.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AOPR Arecibo Observ, HUMP Col San Antonio, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PVAQ Vaqueiros, EGRO El Granado, MORF Marlete, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MCDR Montecristi, MASC Masc, REDR Restauracion, etc.

SSNC 07 04:40:57.0±1.2, 19:97N:72:80W, h7km, 9km, MD2.8, ML2.2

SDD 07 04:40:58.7±0.8, 19:89N:73:08W, h12km, 10km, MD2.8, ML2.5, MV2.4

ISC 07 04:40:58.0±1.7, 20:00N:73:04W, h10km, 12km, n12, e0.67/20, 2C-1D, Haiti region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MASC Masc, MCDR Montecristi, QMBU Quimbuelo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EGRO Sierra Goda, EADA Adamuz, PMAFR Mafra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARIN Rivas, LCRUZ La Cruz, JAPAN AI SSO del Vol, etc.

CNRM 07 05:14:17.5, 36:45N:7:40W, h10km, ML2.2

SFS 07 05:14:23.4, 36:69N:7:32W, h44km, ML2.7/14, ML2.7/14

MDD 07 05:14:24.0±0.5, 36:73N:7:31W, h42km, 13km, mb_Lg2.6/11, Error ellipse: s-maj=4.7km s-min=2.8km az=17.0

INMG 07 05:14:24.3±1.4, 36:71N:7:34W, h30km, 7km, ML2.1, Error ellipse: s-maj=3.5km s-min=2.6km az=56.0

IGIL 07 05:14:24.4, 36:71N:7:34W, h32km, ML1.9

ISC 07 05:14:20.3±1.2, 36:62N:0:03:7:33W, h71km, 10km, n77, s157/120, 1C-4D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARNO Arenosillo, PBDV Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like POLO Lamas de Oio, UCM Universidad Co, TISM Timmit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like R0529 La Mascota, ABCN Banco Central, TISN Laguna Tiscapa, etc.

SDD 07 05:27:37.9±2.0, 20:07N:73:01W, h19km, 43km, MD3.0, ML2.7, MV2.6

SSNC 07 05:27:38.2±1.5, 20:35N:72:77W, h18km, 18km, MD3.4, ML2.2

ISC 07 05:27:36.5±1.0, 20:11N:0:1:72:91W, h10km, n14, s188/21, 3C, Haiti region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MCDR Montecristi, MASC Masc, REDR Restauracion, etc.

UCR 07 05:38:58.8±1.2, 11:07N:86:23W, h27km, 5km, MW3.9

CATAC 07 05:38:59.6±0.7, 11:03N:86:20W, h25km, 5km, ML3.7

ISC 07 05:38:59.4±1.4, 11:04N:86:22W, h24km, 14km, n60, e0.96/75, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARIN Rivas, LCRUZ La Cruz, JAPAN AI SSO del Vol, etc.

7d 6h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Arenal 1, Volcan Arenal, Pocosol, etc.

TAP 07 05:41:05.6, 24°72'N, 121°01'E, h6km, ML3.7, Mw3.2. ASIIES 07 05:41:05.6, 24°72'N, 121°01'E, h6km, ML3.7, Mw3.2. Moment Tensor Solution. Moment tensor: Scale 10^20Nm; ...

Main table of station data for Taiwan region, including stations like Hsinchu, Zhudong, Emei, etc.

2018 OCT

Main table of station data for 2018 OCT, including stations like Taipei, Taichung, Hsinchu, etc.

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Table of station data for 372, including stations like TWK, FULB, CHN8, etc.

IDC 07 05:42:03.2, 1.1, 1°17'S, 120°68'E, h0km, mb3.6/5, mbtmp3.6/6, ML3.5/1, MS2.7/1, Error ellipse: s-maj=69.9km s-min=19.7km az=66.0. DJA 07 05:42:05.4, 0.3, 1°S, 121°02'E, h10km, M3.9/9, MLV3.9/9. ISC 07 05:42:05.1, 0.9, 1°37'S, 120°05'E, h10km, n14, s168/17, mb4.0/5, Sulawesi

Table of station data for Sulawesi region, including stations like APSI, MPPI, MPSI, etc.

IDC 07 06:07:19.4, 1.1, 20°67'N, 73°89'W, h0km, mb3.9/2, mbtmp4.1/3, ML3.2/1, MS3.1/6, Error ellipse: s-maj=67.8km s-min=33.9km az=136.0. SDD 07 06:07:22.4, 2.3, 20°03'N, 73°00'W, h18km, 111km, MD4.2, ML4.1, MW4.0. SSNC 07 06:07:23.5, 2.0, 20°09'N, 72°95'W, h10km, 8km, MD3.8, ML3.8, MW3.5. ISC 07 06:07:22.8, 1.1, 20°08'N, 72°99'W, h16km, 7km, n36, s124/46, MS3.2/3, 11C-8D, Haiti region

Main table of station data for Haiti region, including stations like MASC, MCDR, PAPH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Santiago de lo, Grand Turk, Alto Bandera, etc.

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

IDC 07 06:40:32.9, 0.8, 5.87S; 120.42E, h0km, mb4.1/10, mbmp4.1/12, ML3.6/2, MS3.4/20, Error ellipse: s-maj=37.6km s-min=10.0km az=54.0

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

UPA 07 06:09:03.2, 0.7, 6.58N-82.37W, h21km, 15km, MW4.4, 1D, South of Panama

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

NEIC 07 06:14:18.7, 1.9, 31.18N, 0.02, 103.29W, 0.02, h5km, 1km, mb_Lg2.6/21, ML2.9/50, Error ellipse: s-maj=3.7km s-min=2.5km az=114.0, Western Texas

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

ASAR Alice Springs 154.80, 25.7, PKPbc PKPbc

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Snyder 07, Muleshoe, Dickens, etc.

NOU 07 06:33:36.0, 21.91S-169.61E, h0km, mb4.4/9, Southeast of Loyalty Islands, Southeast of Loyalty Islands

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

NOU 07 06:38:13.5, 20.63S-169.68E, h0km, MLV3.6/10, Vanuatu

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

DJA 07 07:47:48.0, 3.2, 3.2S, 120.0E, h10km, M4.0/13, mb4.4/1, mb4.9/11, MLV3.8/13, Mw(mb)4.2/1, Sulawesi

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

IDC 07 07:29:35.9, 0.8, 0.23N-119.80E, h0km, mb4.0/10, mbmp4.0/12, ML3.7/2, MS4.1/2, Error ellipse: s-maj=40.4km s-min=13.9km az=72.0

DJA 07 07:29:39.3, 0.3, 0.0N, 3.12E, h10km, M4.4/12, mb4.5/4, mb4.7/1, MLV3.4/12, Mw(mb)4.0/1

ISC 07 07:29:41.4, 0.7, 0.13N, 0.06E, h1km, n23, 0.1927/10, mb4.1/10, Minahassa Peninsula, Sulawesi

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

NOU 07 07:29:56.1, 1.8, 9.85N-125.64E, h102km, 15km, mb3.9/23, mbmp4.3/24, MS2.7/1, Error ellipse: s-maj=23.6km az=86.0

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

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

SDD 07 06:47:29.8, 1.2, 19.92N, 73.10W, h18km, 107km, MD3.3, ML2.7, MW3.3

SSNC 07 06:47:30.9, 1.5, 20.10N-72.97W, h10km, MD3.6, ML2.8

ISC 07 06:47:30.3, 1.6, 20.03N, 0.09, 73.04W, 0.05, h21km, 6km, n15, 0.60/26, 2C-50, Haiti region

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

DJA 07 07:47:48.0, 3.2, 3.2S, 120.0E, h10km, M4.0/13, mb4.4/1, mb4.9/11, MLV3.8/13, Mw(mb)4.2/1, Sulawesi

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

IDC 07 07:29:35.9, 0.8, 0.23N-119.80E, h0km, mb4.0/10, mbmp4.0/12, ML3.7/2, MS4.1/2, Error ellipse: s-maj=40.4km s-min=13.9km az=72.0

DJA 07 07:29:39.3, 0.3, 0.0N, 3.12E, h10km, M4.4/12, mb4.5/4, mb4.7/1, MLV3.4/12, Mw(mb)4.0/1

ISC 07 07:29:41.4, 0.7, 0.13N, 0.06E, h1km, n23, 0.1927/10, mb4.1/10, Minahassa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like MOA Mollin, PLCA Paso Flores, RONA RONALD, CONA Conrad Observa, GERES GERESS Array B, ROSC El Rosal, MLR Muntele Rosu, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, BRTR Keskin Array B, VNA3 Neumayer Olymp, ATAH Athalupa, SNAAS Sanae, GAZ Gaziantep, BNN Bunyan, RAYN Ar Rayn, TROLL Troll, Antarti, ELIB Princess Elisa, AKASG Malin Array Be, NOA NORSAR Array B, BELA Belgrano 2, JTS Las Juntas de, MAW Mawson, MAWL Mawson, TKL Tuckaleechee C, ARCES ARCESS Array B, QSPA South Pole Qui, SIMJ Simigan, CHGR Chuyangaron, GAR Garm, BVAR Borovoye Array, TXAR Lajitas Array, PALK Pallekale, PDAR Piedrales Array, ASAR Alice Springs, ASAR Alice Springs.

IDC 07 08:00:27.5:0.7;26S:13:13W,h0km,mb4,1/11, mbmp4,1/11, Error ellipse: s-maj=30.4km s-min=17.5km az=11.0

NEIC 07 08:00:31.1:1.2,7:34S:0:10:12:89W:0:07,h10km,1km, mb4,7/21, Error ellipse: s-maj=16.3km s-min=12.1km az=11.0

ISC 07 08:00:29.7:0.5,7:35:0:1:12:95W:0:08,h10km,n45, o=95/40,mb4.6/21,5C,Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like ASCN Ascension, H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, BDFB Brasilia, BDFB Lobate, BOSA Boshof, BOSA Boshof, MBAR Mbarara, CPUP Vilar Florida, KEST Kesra, BOAV Boavista, SAML Samuel, LPAZ La Paz, LPAZ La Paz, LIT Lit, CO01 Juntas del Tolo, G004 Tololo Observa, OBIP Obispo Ponce, GERES GERESS Array B, GERES GERESS Array B, RUSC La Rusia, RUSC La Paz, LR05 Currie, LR05 El Rosal, RUSC El Rosal, BBSR BB Station.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like VNA1 Neumayer-Stat, BR131 Keskin Array S, BRTR Keskin Array B, VNA2 Neumayer Olymp, VNA3 Neumayer Olymp, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, TROLL Troll, Antarti, AKASG Malin Array Be, UOSS Minaziti, FINES FINESS Array B, QSPA South Pole Qui, QSPA South Pole Qui.

DJA 07 08:18:14.5:0.3,0:3:12:0E:1,h10km,M3,7/10,mb4.0/2, ML3.2,MLW3.5

SDD 07 08:30:24.8:1.3,20:05N:73:05W,h31km,90km,MD3.2, ML3.2,MLW3.5

SSNC 07 08:30:25.5:0.9,20:21N:72:96W,h23km,13km,MD3.6, ML2.9

ISC 07 08:30:24.0:3.6,20:04N:0:09:73:06W:0:04,h17km,26km, n17,r=122/30,8C-2D,Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like MPSI Mapaga, APSI Ampanga, SGKI Sangatta, LUWU Luwuk, GORONTALO Gorontalo, BNSI Bone, BKSI Bulukumba, MCDR Montecristi, QMBU Quimboe, PAPH Port-au-Prince, MOAC Moa, GTOI Jimani, JDR JDR, GTBY Guantanamo Bay, GTBY Guantanamo Bay, SDDR Presa de Saban, SDDR Presa de Saban, RCC Rio Carpintero, PODR Polo, PINC Pinar de May, MARVS Santiago de Cu, HLCG Holguin, LMCX Las Mercedes, MTDJ Mount Denham.

DJA 07 08:31:17.3:0.8,0:8:2:12:3E:1,h22km,9km,ML4,1/12, mb4.8/1,MLV3.7/12,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like GTOI Gorontalo, GTOI Cibinong, LUWI Luwuk, APSI Ampanga, SANI Sanana, NLSI Namlea, DAT Datca.

ISK 07 08:36:56.9,36:24N:28:15E,h70km,2km,ML2.9/16

ATH 07 08:36:57.6,36:25N:28:16E,h72km,4km,ML3.0/2, Error ellipse: s-maj=9.9km s-min=2.3km az=103.0

THE 07 08:36:59.5,36:23N:28:06E,h62km,2km,ML2.8/3, Error ellipse: s-maj=3.0km s-min=1.0km az=106.0

ISC 07 08:36:57.8:1.4,36:24N:0:04:28:13E:0:04,h70km,8km, n28,r=042/44,Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, MRSB Marmaris-Mugla, TURN Turunc, DAT Datca.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like DAT Datca, DALY Dalyan (Mula), FETY Fethiye, YER Yerkesik, YER Yerkesik, KARP Karpathos, KARP Karpathos, KARP Karpathos, BODT Bodrum, BODT Bodrum, MLSB Milas, CAMEL Cameli-Denizli, AKAS Kas, AKAS Kas, ELL Elmali, APMY Acipayam-Deniz, GCAM G?zelcam?f, AYDB Zeytinolu-Aydi, NAZL Nazilli-Aydi, SMG Samos, ZKR Zakros, ZKR Zakros, KORT Korkule, KULA Kula-Manisa.

IDC 07 08:58:54.6:0.6,27:92N:139:80E,h471km,8km,mb3.3/15, mbmp4,1/17, Error ellipse: s-maj=17.7km s-min=10.1km az=77.0

JMA 07 08:58:56.1:0.2,28:12:2:14:0E:1,h523km,MV4,1/30,W OFF OGASAWARA

NEIC 07 08:59:29.1:5.2,27:9N:0:1:139:65E:0:05,h51km,8km, mb4.0/68, Error ellipse: s-maj=14.8km s-min=5.9km az=181.0

ISC 07 08:58:56.9:0.5,27:94N:0:05:139:79E:0:09,h50km, n115,r=179/89,mb3.9/49,Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, JCJ Chichijima, JCJ Chichijima, JCH Haha-jima-NKT2, JHJ Mitsune, JHJ Hachio jima 2, BSO3 Boso 3, BSO3 Boso 3, JKN2 Miekiokou, BSO4 Boso 4, INU Inuyama, JGF Kuroka, JMJ Minamidaito 2, JRY Ryomaganai, JYT Yasato, JYT Yasato, JAG Ashikaga, JHO Hitachi, MJAR Matsushiro Arr, JNU Ussuriysk Arr, JOW Kunigami, JMK Ichinoseki, KSRK Korea Array, USSA0 Ussuriysk Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, SSSL Saunglung, TPUB Taupou, ENH Enshi, PHRA Phrae, CMAR Chiang Mai Arr, KNRA Kununurra, RPSI Rantau Prapat, ZALV Zalesovo Beam, WB0 Warrungarra Arr, WRAB Tennant Creek, WR0 Warrungarra Arr, WR0 Warrungarra Arr, WB2 Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, CTAO Charters Town, MK31 Makanchi Arr, MKAR Makanchi Arr, MKAR Makanchi Arr, F15K North Star DT, KURK Kurchatov, KURK Kurchatov, K15K Wolf Creek Mou, K15K Wolf Creek Mou, N15K Kwethluk River, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like CHGN Chignik, MBWA Marble Bar, PSA00 Pilbara Seismi, etc.

Table with columns: KOUNC, URZ, COEN, STKA, WRO, WBO, WB2, WRAB, WRA, AS31, ASAR, KNRA, FORT, MBWA, MORW, GSPA, CMAR, BELA, SMAIL, SNA, SNA, SNA, VNA3, VNA2, ARCER, GERES, MOA, SOKA, LESA, MYKA, ABTA, WTTA, MOTA, SQT, FETA, TORD, Code, Station Name, Az, El, P, R, Time, Res. Includes stations like KOUNC Koumac, URZ Urewera, COEN Coen, etc.

Table with columns: BTK, AML, EKS2, ARLS, ARLS, AAK, SALK, DRK, DRK, SGDS, CHMS, CHMS, SFK, BTK, BTK, BTK, TKM2, KST, KST, KST, MTBS, MTBS, MTBS, KUU, KUU, KUU, MDOK, MDOK, PDGK, PDGK, Code, Station Name, Az, El, P, R, Time, Res. Includes stations like BTK baz=63, AML Almayashu, EKS2 Erkin-Say, etc.

Table with columns for location (e.g., Mount Upton, COLA College), date, time, and status. Includes sub-headers like '7d 9h' and '2018 OCT'.

Table with columns for location (e.g., L29M L29M, L29M), date, time, and status. Includes sub-headers like '2018 OCT'.

Table with columns for location (e.g., I17K Unalakleet, FARO Faro, Yukon), date, time, and status. Includes sub-headers like '2018 OCT'.

Table with columns for station name, coordinates, elevation, and status. Includes stations like DLMT, BOZ, YHM, YMR, RLMT, IMW, FXWY, TPAW, SNOW, YERR, ELK, KVN, NVAR, PDAR, NV11, MA2, OMMB, DUG, TPH, PETK, DSP, R1B, MVU, MSU, SRU, GWY, CCUT, MTPU, SZCU, TIXI, GSC, KNB, U15A, PFO, WUAZ, SZ2A, SDCO, YAK, ANMO, R32A, CRNM, SFJD, P38A, MSTX, SCHQ, WMOK, POST, VHRN, OZNA, TX31, TXAR, TXAR, TRQ, FW13, ASAJ, JCT, KLR, 146A, 247A, USRK, ARCES, KSRS, SONM, SONM, FINES, ZALV, HFS, EKA, BVAR, BVAR, KURBB, MKAR.

Table with columns for station name, coordinates, elevation, and status. Includes stations like AKASG, ESDC, BRTR, IDI, GSPA, DNK, ISC, CLRN, FRB, UMMG, SFJD, NUUK, KULLO, SUMG, RES, BLKN, SCHQ, SCHQ, LG4Q, LG4Q, LG4Q, FCC, FCC, CATAB, INTP, INTP, LCND, LCND, LCND, LCND, LCND, LCND, LCND, PACAY, PACAY, PACAY, CAHU, SCLA, UESV, UESV, CRIN, CRIN, COEG, COEG, COEG, TGUH, TGUH, PAVA, PAVA, LOMA, LOMA, LOMA, COMHN, COMHN, YUSH, YUSH, ILCN, ILCN.

Table with columns for station name, coordinates, elevation, and status. Includes stations like ILCN, SNET, SNET, UEES, UEES, CNGA, CNGA, PMON, PMON, LIMN, LIMN, JAYA, JAYA, MOMZ, MOMZ, RCVN, RCVN, RCPN, RCPN, MTO3, MTO3, APQZ, ESQI, ESQI, NUBE, NUBE, ASCN, H102, H101N, H103A, H103B, DBIC, DBIC, TORO, TORO, BOS, BOS, CPUP, KEST, KEST, BOAV, SAML, LKDM, EXTRE, LPAZ, LPAZ, TBGT, TBGT, GOO2, BAUV, COO3, COO3, CZSB, CZSB, GERES, ROSE, MLR, MLR, VNA1, BRTR, BRTR, VNA2, VNA3, BNN, SNA, SNA, RAYN, RAYN, TROLL, AKASG, AKASG, AKKB, AKKB, BELA, BELA, MAW, QSPA, QSPA, QSPA, QSPA.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include WDLH, OWD Renai, WJS Zhushan, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include TWB1, SXH1 Grass Mountain, HATJ1 Hateruma jima, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include ROM 07 10:31:03.0, STAL STALIGAL, CMO Cimoisais, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include FVI Forni Avoltri, BOO Bordanio, BUA Buia, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include APSI Ampana, LUWI Luwuk, MPSI Mapaga, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include BKB Balikpapan, BSSI Bau Bau, IDC 07 10:47:45.7, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include TORO Torodi Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include BBOO Buckleboo, N17K Nushaga Hills, ZALV Zalesovo Beam, etc.

Table with 4 columns: Station Name, Azimuth, Magnitude, and other parameters. Rows include ARCES ARCESS Array, ARCES ARCESS Array, ARCES ARCESS Array, etc.

7d 11h

Table of station data for the 7d 11h period, including station names, coordinates, and various parameters like pmax and pmb.

2018 OCT

Main table of station data for 2018 OCT, listing station names, coordinates, and parameters such as Time, Res, and ISC.

384

Table of station data for the 384 period, including station names, coordinates, and parameters like Time, Res, and ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, HO4N2 CROZET ISLANDS, etc.

BER 07 11:41:08.2-2.76:64N:7.22E, h10km, mb(Pn)3.9, ML2.8(DNK), Confirmed Earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSPB Hornsund, BRBA Barentsburg, BRBB Barentsburg, etc.

IDC 07 11:49:32.2-1.2, 37.28N:21.91E, h0km, mb3.6/6, mbmp3.6/8, ML1.3/2, MS3.8/1, Error ellipse: s-maj=24.3km

ATH 07 11:49:32.2, 36.76N:21.33E, h12km, 1km, ML3.2/8, Error ellipse: s-maj=2.2km s-min=1.2km az=52.0

THE 07 11:49:33.6, 36.79N:21.42E, h12km, 2km, ML3.1/3, Error ellipse: s-maj=3.2km s-min=0.9km az=48.0

TIR 07 11:49:33.8, 36.92N:20.31E, h30km, 9km, ML2.9

ISC 07 11:49:30.7-1.4, 36.75N:0.05-21.26E, 0.04, h10km, 4km, n59, c1982/74, mb3.6/8, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYL PYLOS, ITM Ithomi, DRO Drossia, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLY Voula, Athens, PTL Voula, Athens, DION Dionisos, etc.

IDC 07 12:05:07.6-0.6, 36.13S:52.53E, h0km, mb4.2/13, mbmp4.2/13, MS3.5/1.9, Error ellipse: s-maj=22.1km

NEIC 07 12:05:09.6-1.9, 36.2S:01.5E, 4E:0.2, h18km, 1km, mb4.7/20, Error ellipse: s-maj=23.7km s-min=18.5km

ISC 07 12:05:10.4-0.5, 36.19S:00.9-52.4E:0.1, h18km, n61, c087/42, mb4.5/21, MS3.5/1.4, C, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HO4N1 CROZET ISLANDS, HO4N2 CROZET ISLANDS, HO4N3 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, CMAR Chiang Mai Arr, KNRA Kunurra, etc.

IDC 07 12:09:34.7-3.0, 32.56S:68.81W, h128km, 30km, mbmp3.7/3, Error ellipse: s-maj=160.4km s-min=20.5km

ISC 07 12:09:36.2-2.2, 32.71S:0.08-68.1W:0.2, h152km, 21km, n20, c0575/29, Mendoza Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT08 Bocatoa Ro, MT04 Ro Olivares, VA03 San Esteban, etc.

JMA 07 12:29:31.0-0.2, 43.7N:0.8-14.7E, h59km, 3km, MV3.2/30, NEAR KUNASHIRI ISLAND

SKHL 07 12:29:31.8-0.2, 43.70N:1.46-60E, h59km, 2km, mb4.5/4, ISC 07 12:29:32.1-1.7, 43.75N:0.07-146.68E:0.07, h55km, 11km, n15, c056/26, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHO Shikotan, SHO 180nm, SHO 30m, etc.

7d 13h

Table with 6 columns: JAR, JOB, JMP, JCH, JCI, JSS, YSS, YSS. Columns contain station names, times, and other parameters.

IDC 07 12:39:04.0:2.0, 4.02S:151.58E, h0km, mb3.5/4, mbmp3.5/4, MS3.4/1, Error ellipse: s-maj=92.6km s-min=27.2km az=120.0, New Britain region

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like WRA, ASAR, KLR, MKAR, ILAR, TORD.

DJA 07 12:47:07.0:0.4, 1'S:3'x12'0"E, h10km, M3.8/10, mb4.2/2, mb5.2/1, MLV3.5/10, Mw(MB)4.6/1, Sulawesi

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MPSI, APPI, MRSI, LUWI, BNSI, GTOI, BKSI.

JMA 07 13:08:07.1:0.4, 24'N:1'x124.4E:0.9, h14km, MV3.1/10, NEAR ISHIGAKIJIMA ISLAND

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like JKRS, HATJ, IJSH, JISG, IRIF, JTJ, JIRB, JMUJ, JOGS, YOJ, NACB, YULB, YHNB, SSSL, TPUB.

SSNC 07 13:14:33.4:0.6, 19.73N:72.90W, h10km, 5km, MD3.0, ML2.0

SDD 07 13:14:34.0:2.5, 19.82N:72.99W, h31km, 140km, MD3.4, ML2.5, MW2.6

ISC 07 13:14:30.3:0.7, 19.51N:02:72.93W:0.05, h13km, 27km, n11, f1930/20, 6C, Haiti

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MCDR, MASC, MASC, MASC, REDR, QMBU, GTBY, MOAC, RCC, RCC, MARV, MARV, MARV, PINC, PINC, PINC, HATM, HATM, HATM.

NOU 07 13:15:23.1, 38'23S:176.01E, h207km, MLV4.1/13, North Island, New Zealand

IDC 07 13:15:26.0:0.6, 38.01S:176.02E, h165km, 9km, mb3.6/6, mbmp4.1/6, Error ellipse: s-maj=39.8km s-min=17.6km az=52.0

NEIC 07 13:15:27.0:1.5, 38.21S:0'06:176.02E:0.07, h165km, 6km, mb4.3/17, Error ellipse: s-maj=9.6km s-min=7.5km az=213.0

WEL 07 13:15:28.0:8.0, 38'S:4'x17'E, h143km, 7km, M3.4/52, ML2.9/8, MLV3.4/52, Error ellipse: s-maj=0.0km

2018 OCT

s-min=0.0km az=123.5, confirmed ISC 07 13:15:25.7:0.5, 38.31S:0'05:175.91E:0'05, h150km, n75, c2515/78, mb4.2/17, 5C, North Island

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like HATZ, HWZ, MUZ, TOZ, MUZ, HIZ, HIZ, RTZ, RTZ, RTZ, URZ, URZ.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like URZ, BKZ, BKZ, PKVZ, PKVZ, WHZ, KUZ, KUZ, KHEZ, MXZ, MXZ, MRZ, BFZ, BFZ, SNZO, SNZO, MSWZ, TCW, BHW, PLWZ, TFWZ, NNZ, TKNZ, QRZ, CMWZ, KHZ, OXZ, MQZ, RPZ, RPZ.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like RPZ, ODZ, JCZ, WHZ, AFO, AFI, RAR, FUNA, COEN, COEN.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like AS31, ASAR, WRO, WB2, WRAB, WRA, WB0, WB0, CASY, MTN, MTN, NWA0, NWA0, FITZ, MORW, MORW, QSPA, QSPA, SOEI, BELA, BELA, MAW, ASAR, ASAR, SNA0, SNA0, VNA3, VNA2, VNA2, ZALV, ZALV, SONM, KLR.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like AS31, ASAR, WRO, WB2, WRAB, WRA, WB0, WB0, CASY, MTN, MTN, NWA0, NWA0, FITZ, MORW, MORW, QSPA, QSPA, SOEI, BELA, BELA, MAW, ASAR, ASAR, SNA0, SNA0, VNA3, VNA2, VNA2, ZALV, ZALV, SONM, KLR.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like VNA3, VNA2, VNA2, ZALV, ZALV, SONM, KLR.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like VNA3, VNA2, VNA2, ZALV, ZALV, SONM, KLR.

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like VNA3, VNA2, VNA2, ZALV, ZALV, SONM, KLR.

NEIC 07 13:16:57.3:1.4, 21'S:0:1x177.6W:0.2, h421km, 10km, mb4.1/24, Error ellipse: s-maj=22.0km s-min=14.3km

IDC 07 13:16:57.5:2.7, 21.40S:177.72W, h410km, 23km, mb3.4/4, mbmp4.3/7, Error ellipse: s-maj=35.1km s-min=21.4km az=70.0

ISC 07 13:16:55.5:0.8, 21.27S:0.09:177.5W:0.1, h400km, n43, c136/44, mb4.1/17, 4C-FI, Fiji Islands region

Table with 6 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MSVF, AFI, PINN, DZM, DZM, TOZ, URZ, URZ.

TCW Tory Channel 21.05 197 P P 13 21 09.8 +0.1

QRTZ Quartz Range 21.25 201 P P 13 21 11.3 +0.1

ARMA Armadale 21.25 242 I Amb Iamb 13 22 22.5 +0.5

CAO Charters Tower 33.87 265 P P 13 23 02.4 +0.5

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Table with 6 columns: TOO, STKA, STKA, BBOO, BBOO, WRO, AS31, ASAR, ASAR, ASAR.

Table with 6 columns: ASAR, WB0, WRA, WRAB, WRAB, WRA, WRA.

Table with 6 columns: WRA, WRA, WRA, WRA, WRA, WRA.

Table with 6 columns: FORT, FORT, KNRA, KNRA, FITZ, MBWA, MBWA, NWA0, MORW, MORW, NWA0, CASY, CASY, QSPA, QSPA.

Table with 6 columns: QSPA, QSPA, JNU, ELIB, TROLL, SNA0, SNA0, SNA0, SNA0, VNA3, VNA2, VNA2, AKASG, BURAR.

Table with 6 columns: BURAR, BURAR, BURAR, BURAR, BURAR, BURAR.

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Table with 6 columns: BURAR, BURAR, BURAR, BURAR, BURAR, BURAR.

BGR 07 13:52:34.1, 36.29N:71.98E, h198km, mb5.0, MOS 07 13:52:38.2:1.0, 36.51N:70.61E, h196km, mb4.8/59, Error ellipse: s-maj=4.2km s-min=2.9km az=90.0, IDC 07 13:52:50.6:5.6, 36.38N:70.56E, h187km, 4km, mb4.4/42, mbmp5.0/46, MS3.7/10, Error ellipse: s-maj=8.1km s-min=6.5km az=71.0, NEIC 07 13:52:39.9, 36.53N:70.55E, h180km, NEIC 07 13:52:39.9:1.4, 36.53N:0.06:70.55E:0.07, h195km, 4km, mb5.0/307, Mww4.8/19.0, Error ellipse: s-maj=8.7km s-min=7.9km az=110.0, NEIC 07 13:52:39.9, 36.53N:70.55E, h180km, Moment Tensor Solution. Duration: 154 Moment tensors: Scale 10^16Nm; Mm2: 1.1; Mm0: -1.64; Mm1: -0.47; Mm2: 0.91; Mm3: 0.58; Mm4: -0.73; Fault plane solution: M2.26000/1016 NP1; 6.270.81000; 3.56.81000; 1.7.21000; NP2: 0.28.31000; 3.59.51000; 1.120.62000; Principal axes: P1: 2.5531, Plg9.0000; Azm131.0000; N: -0.5849, Plg19.0000; Azm284.0000; P: -1.9682, Plg9.0000; Azm17.0000; BUI 07 13:52:39.4, 36.58N:70.65E, h198km, mb4.9/65, mb4.9/28 GCMT 07 13:52:40.9:0.3, 36.58N:0.02:70.46E:0.02, h203km, 2km, MW4.9/109, Moment Tensor Solution. s23,c24; s109,c157; Duration: 0 Moment tensor: Scale 10^16Nm; Mm2: 6.02; Mm0: 2.46; Mm1: 1.0; Mm2: 1.0; Mm3: 1.56; 0.0; Mm4: 0.99; Mm5: 0.93; 0.8; Best double couple: M3: 17200 x 10^16 NP1: 264.00000; 822.00000; 1.68.00000; NP2: 124.00000; 3.35.00000; 1.125.00000; Principal axes: P: 3.3760, Plg6.0000; Azm133.0000; N: -0.4060, Plg19.0000; Azm274.0000; P: -2.9680, Plg14.0000; Azm9.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function NNC 07 13:52:42.6:3.6, 36.88N:70.53E, h195km, 32km, mb4.8, mpv6.0, Error ellipse: s-maj=30.5km s-min=19.9km az=23.0, IDC 07 13:52:39.7:0.2, 36.49N:0.03:70.54E:0.03, h200km, 1km, h200km, pP, N1256, 0.157/1297, mb5.0/367, 60C-48D, Hindu Kush region

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KBL, CHGR, SIMJ, GAR, BTK, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like DDI, CHH, CHHK, CHSH, CHSK, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SEM, BANOM, SHME, MDH, BVAO, etc.

7d 13h

Table with columns: ZALV, Zalesovo Beam, 20.08 25 P, P, 13.56 57.9 +0.3, comp=Z, 7.2nm, 0.4s, baz=221, slow=11, SNR=502

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Table with columns: ULN, Ulanbaatar, 29.09 56 P, P, 13.58 22.1 -0.4, comp=Z, 1.9nm, 0.7s

Table with columns: MNK, comp=N, 30nm, 1.0s, pmax, pmax, 13.59 08.1 +1.6

Table with columns for station code, name, frequency, and signal strength. Includes stations like MODS Modra-Piesok, GPK Gorka Klasztor, and KRUC Moravsky.

Table with columns for station code, name, frequency, and signal strength. Includes stations like NC602, NORES NORESS Array B, and NC303 NORSAR Array S.

Table with columns for station code, name, frequency, and signal strength. Includes stations like RCHB Rochefort, MBDF Montbardon, and GIVF Givet.

7d 13h

2018 OCT

Table with columns: SEY, SEYMCHAN, 54.63, 34, eP, P, 14 01 48.1 +0.9, etc. Includes entries like MUARA TEWEH, K, SONSECA ARRAY, etc.

Table with columns: C18K, UTUKOK RIVER, 68.39, 18, IAMB, IAMB, 14 03 22.0, etc. Includes entries like UTUKOK RIVER, UTUKOK RIVER, etc.

Table with columns: K13K, KUSILVAK MOUNT, 72.29, 24, P, P, 14 03 43.7 +0.8, etc. Includes entries like KUSILVAK MOUNT, SQUAW LAKE, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like Tololo Observa, El Pedregal, Los Peladeros, Curacav, Zonda, Cerro Caljn, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like SNAEA Sanae, QSPA South Pole Qui, TXAR Lajitas Array, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like RAYN Ar Rayn, MZR Muzera, MZR Muzera, WSAR Wadi Sarin, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SMKR Sorokina, H1N2 WAKE ISLAND Hy 34.16 170, H1N13 WAKE ISLAND Hy 34.18 170, etc.

NEIC 07 15:33:26.1±1.2, 47.78N:0.1±1.4776E:0.1, h405km, 2km, mb4.2/20, Error ellipse: s-maj=18.5km s-min=7.4km az=139.0

IDC 07 15:33:26.1±1.6, 47.77N:147.63E, h403km, 16km, mb3.1/10, mbtmp4.0/17, Error ellipse: s-maj=18.2km s-min=12.0km az=91.0

Main table listing station codes (e.g., YSS, JKA, ASAJ, ERM, etc.) and their corresponding data for the NEIC and IDC events.

CNRM 07 15:35:51.4, 35:61N:3:58W, h15km, ML1.9 SFS 07 15:35:52.9, 35:43N:3:57W, h26km, ML2.5/6, ML2.5/6

Table listing station codes (e.g., PALE, GOG, WML, etc.) and their corresponding data for the CNRM and SFS events.

Table listing station codes (e.g., EALB, AKLM, CHAS, etc.) and their corresponding data for the KRSC event.

KRSC 07 15:43:41.0±0.7, 49.937N:158.67E, h62km, 23km, MI3.6, East of Kuril Islands

Main table listing station codes (e.g., SKR, KDR, ASAK, etc.) and their corresponding data for the KRSC event.

IDC 07 15:44:26.6±58.0, 14:98S: 164.79E, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=97.1km s-min=99.9km az=65.0

NEIC 07 15:44:28.1±1.4, 14.9S:0.1±164.8E:0.2, h10km, 2km, mb4.4/14, Error ellipse: s-maj=31.4km s-min=5.5km az=124.0

Main table listing station codes (e.g., CTAO, ARMA, PATS, etc.) and their corresponding data for the IDC and NEIC events.

IDC 07 15:49:56.2±0.9, 65:26S:179:80E, h0km, mb4.0/8, mbtmp4.0/8, MS4.0/26, Error ellipse: s-maj=43.4km s-min=19.1km az=48.0

NEIC 07 15:49:59.2±0.9, 65:5S:0.2±178.8E:0.5, h10km, 5km, mb4.7/12, Error ellipse: s-maj=30.4km s-min=19.4km az=62.0

GCMT 07 15:49:59.2±0.3, 65:38S:0.2±179:83E:0.104, h24km, 2km, MW5.0/96, Moment Tensor Solution, s22:225, s96:6130, Duration: 0, Moment tensor Scale 1016Nm, Mlr=0.16z; Mw=2.94±.14; Mw=2.79±.13; Mw=2.80±.32; Mw=4.7±.09; Mw=0.25±.17; Best double couple; M3.72900±.1016 Np1.3±.324, 0.00000°, 0.70, 0.00000°, 2.23, 0.00000°. NP2: 225.00000°, 368.00000°, 1.58, 0.00000°. Principal axes: T 4.6290, Plg30.0000°, Azml185.00000°. N -1.8080, Plg60.00000°, Azm3.00000°. P -2.8290, Plg1.00000°, Azm94.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

IDC 07 15:49:59.6±1.7, 65:4S:0.1±179:1E:0.2, h10km, n59, s±29.25, mb4.3/13, MS4.1/27, Balleny Islands region

Main table listing station codes (e.g., SBA, RPZ, QSPA, etc.) and their corresponding data for the IDC and GCMT events.

Large table listing station codes (e.g., STKA, PMSA, SNA, etc.) and their corresponding data for various seismic events.

7d 17h

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like NKL, OKH, UGL, YSS, KHRB, KLR, ASAJ, YUK, YAK, SHEM, BILL, TIXI, AMKA, M11K, J14K, L18K, ILAR, MK31, MKAR.

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Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like KURK, HIN, ABKAR, OBNS, NOA, HFS, AKASO, NVAR, PDAR, MORC, PSZ, WRA, AS31, CASP, VAE, SLBS, KEST, ESDC, DZM, WRA, ASAR, ILAR, DNK, BER, ISOC, KINGSBAY, KBS, BRBA, SPAO, HSPB, NOR, DAG, HOPEN, DBG, DBG, DBG, NEEM, NEEM, NEEM, JMA, JHCJ, JHJ, JIE, JWDY.

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Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like JOD2, BSO1, JYTA, MJAR, JMK, JMK, WRA, ASAR, AZER, LKRN, ALIB, GLBA, ASTR, YRD, GASI, LRK, GRMI, GBS, ATGJ, QRD, QRD, POL, POL, ZRD, ZRD, AGDM, GBL, IHR, XNQ, XNQ, QUBA, QUBA, QSAR, QSAR, SEKA, SEKA, ORD, ORD, GANJ, GANJ, SBZ, SBZ, GDB, GDB, IDC, DJA, TNTI, SWI, KMSI, NLAI, FAKI, WRA, ASAR, ASAR, STKA, KSRS, MJAR, H11N1, H11N2, H11N3, MKAR, KURB, BVAR, KRSC, MOS, IDC, KAMCHATKA PENINSULA, SPN, SPN, SPN, KII, KII, NLC, NLC, NLC, SDLR, SMAR, SMAR, UGLR, UGLR, KRER, KRER.

7d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Raoul Island, Green Lake, Waipua Caves, etc.

Table with columns: TVIH, QLP, CTAO, etc. Includes stations like Townsville Har, Outipie, Charters Tower, etc.

Table with columns: NWAO, NWAO, SWI, etc. Includes stations like Narrogin (SRO), Pilbara Seismi, Sorong, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like B20K Meade River, G29M Pine Creek, C23K Ikkilik River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like NEEM North Greenlan, KOOLE Kule, CKGRV CKGRV, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like ANN comp-Z,229nm,0.9s, ESMY Espiye-Giresun, PLTM Pottava, etc.

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like VRI Vrincoia, PLOR Plostina, ICOR Ion Corvin, etc.

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like KOGS Bad Ischl, BIOA Bad Ischl, WLF Walferdang, etc.

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

MOS 07 17:57:19.4; 1.2, 8.22S; 116.77E, h16km, mb5.0/43, Error ellipse: s-maj=9.4km s-min=5.4km az=107.0. GCMT 07 17:57:21.3; 0.2, 8.32S; 0.0; 116.88E; 0.02, h20km, MW5.1/116, Moment Tensor Solution. s55; c65; s116; c182; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=4.1; 19; Mw=4.08; 12; Mw=3.03; 11; Mw=3.20; 22; Mw=0.55; 07; Mw=1.79; 26; Best double couple: M=100.00000; NP2=88.00000; 826.00000; 1.69.00000; Principal axes: T = 5.8630, P168.00000; Azm220.00000; N -0.4700, P19.00000; Azm197.00000; P -5.3940, P120.00000; Azm13.00000; nstat refers to body waves, cutoff=40s. nstat2 refers to surface waves, cutoff=50s. Triangular moment-rate function NEIC 07 17:57:21.3; 0.2, 8.36S; 0.0; 116.82E; 0.06, h10km, 1km, s-min=10.3km az=331.0. IDC 07 17:57:21.8; 2.7; 8.27S; 116.72E, h21km, 16km, mb4.5/31, mtmP4.734, MLS.0/3, MS4.1/48, Error ellipse: s-maj=15.2km s-min=9.7km az=80.0. Azm99.00000; P -5.5431, P19.00000; Azm9.00000; NEIC 07 17:57:21.3; 0.3; 8.37S; 16.8; 11E, h26km, DJA 07 17:57:21.5; 0.3; 8.8; 1; 11; 7E, h12km, 2km, M5.0/87, mb5.8/27, mb5.5/46, MLV5.4/28, Mw(mb)5.0/46, MwMwp4.8/9, Mwps1.9. NEIC 07 17:57:21.3; 8.47S; 116.91E, h26km, Moment Tensor Solution. Duration: 157. Moment tensor: Scale 10^16Nm; Mw=4.22; Mw=3.78; Mw=4.04; Mw=4.01; Mw=5.0; Mw=0.63; Fault plane solution: Mo5.7300x10^16 NP1: 6.278.71000; 367.58000; 1.90.26000; NP2=98.04000; 6.22.40000; 1.89.38000; Principal axes: T 5.9088, P167.00000; Azm193.00000; N -0.3657, P19.00000; Azm99.00000; P -5.5431, P19.00000; Azm9.00000; ISC 07 17:57:20.5; 0.2, 8.39S; 0.03; 116.79E; 0.04, h10km, n449, s186/446, mb5.1/132, MS4.2/67, 25C-7D, Sumbawa region

SDD 07 17:53:20.2; 1.7, 20.00N; 73.03W, h15km, 635km, MD3.2, ML3.0, MW3.0 SSNC 07 17:53:22.9; 1.9, 20.13N; 72.91W, h13km, 13km, MD3.3, ML2.9

ISC 07 17:53:21.2; 1.2, 19.97N; 0.06; 72.95W; 0.03, h29km, 14km, n18, c164/36, 11C-3D, Haiti region

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

Table with columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like TWSI Taliwang, PLAI Plampang, SBRI Singaraja, etc.

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7d 17h

Table of astronomical observations for the 7-day period. Columns include station code (e.g., ULN, SONM), frequency (MHz), polarization (P, I), and position angle (e.g., 18 07 04.0 -0.6).

Table of astronomical observations for the 7-day period. Columns include station code (e.g., DZA, IUG), frequency (MHz), polarization (P, I), and position angle (e.g., 18 08 02.9 -2.4).

Table of astronomical observations for the 7-day period. Columns include station code (e.g., HOED, PILG), frequency (MHz), polarization (P, I), and position angle (e.g., 18 09 45.2 -0.6).

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BELA, VNA2, VNA1, VNA3, AKASG, TSUMU, MNK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PMG, STKA, STKA, COEN, MANU, BBOO, WRO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARZA, SVQ2, SRA1, BUSH, TCS1, ABE2, BELE, RAZU, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MARI3, CACAO, CACAO, GMAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PMG, WRA, WRA, H1S3, H1S2, H1S1, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MARI3, CACAO, CACAO, GMAO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR, SONM, MKAR, ZALV, ILAR, KURB, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSVF, RAO, DZM, DZM, RAR, RAR, etc.

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

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

NEIC 07 18:05:39.4, 1.0, 21.40S:0.09:179:1W:0.2, h625km, 12km, mb4.2/21, Error ellipse: s-maj=30.6km s-min=3.2km

IDC 07 18:05:40.4, 1.3, 21.37S:179:37W, h628km, 15km, mb3.2/10, mbtmp4.2/13, Error ellipse: s-maj=18.5km s-min=13.6km az=163.0

ISC 07 18:05:38.6, 0.6, 21.4S:0.1x179:33W:0.09, h604km, n45, s=106/46, mb4.0/20, Fijil Islands region

IDC 07 18:16:15.7, 5.7, 4.67S:153:35E, h110km, 45km, mb3.5/10, mbtmp3.9/11, Error ellipse: s-maj=45.5km s-min=21.7km az=86.0

ISC 07 18:16:12.9, 1.1, 4.6S:0.2:153.4E:0.2, h85km, n15, s=150/16, mb3.8/10, New Ireland region

IDC 07 18:29:48.9, 2.6, 7.08S:154:34E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=165.0km s-min=30.5km az=131.0, Bougainville-Solomon Islands region

0.7nm, 0.9s, baz=247, slow=5.7, SNR=4.1, 0.7nm, 0.9s

UCR 07 18:36:55.4, 0.8, 9.66N:84:53W, h6km, 3km, MW3.6 UPA 07 18:36:56.2, 1.2, 9.56N:84:44W, h0km, 40km UCR 07 18:36:55.6, 0.9, 9.64N:0.04:84:53W:0.03, h18km, n37, s=082/41, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARZA, SVQ2, SRA1, BUSH, TCS1, ABE2, BELE, RAZU, etc.

JMA 07 18:40:15.3, 0.4, 43.3N:1:14.7E, h43km, 2km, MV2.5/20, OFF NEMURO PENINSULA

SKHL 07 18:40:16.1, 0.2, 43.40N:146:60E, h28km, 2km, mb3.8/3, ISC 07 18:40:14.6, 2.6, 43.4N:0.1x146:60E:0.09, h25km, 17km, n9, s=063/15, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SHO, SHO, SHO, SHO, NEM2, YUK, YUK, etc.

SSNC 07 18:54:35.2, 1.7, 20.14N:72:96W, h5km, ML3.5, MW3.3, SDD 07 18:54:36.6, 3.4, 20.08N:73:10W, h34km, 772km, MD3.7, ML3.8, MW3.8

ISC 07 18:54:35.7, 1.4, 20.07N:0.05x73:00W:0.03, h77km, 23km, n24, s=109/41, 9C-50, Haiti region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MASC, MASC, MASC, MCDR, MCDR, PAPH, PAPH, etc.

7d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include GTBY, GRTK, GRTR, SODR, RCC, ABDR, PINC, MARVS, HLGC, LMGC, MTJD, MGV, etc.

IDC 07 19:16:55.0, 6.7, 6.0S; 107.07E, h0km, mb4.1/18, mbmp4.1/18, MS3.0/5, Error ellipse: s-maj=27.2km s-min=12.7km az=57.0
NEIC 07 19:17:00.8, 1.9, 7.93S; 0.08x106.84E; 0.08, h38km, 8km, mb4.5/28, Error ellipse: s-maj=11.9km s-min=10.5km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CNJI, BBJJ, SKJI, LEM, DBJI, CMJI, XMSI, UGMI, BLJI, KASI, UGMI, SMRI, LWLI, NGJI, PWJI, BLJI, JAGI, ABJI, SRBI, PPSI, TWSI, MYKMI, SISI, PLAII, PPSI, WBSI, KAPI, GSI, GSI, MMRI, GIRL, GIRL, GIRL, SOEI, SOEI, FITZ, FITZ, FITZ, KNRA, MTN, MTN, KDU, WRKA, PHRA, CMAR, CMAR, CMAR, H01W3, H01W1, H01W2, WBO, WRA, WRA, WRA, WRA, WRA, BDFB, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include WRAB, WB2, WRO, FORT, FORT, ASAR, ASAR, AS31, AS01, PALK, MULG, H08S2, H08S3, H08S1, COEN, COEN, LCRK, INKA, CTA, CTAO, CTAO, QLP, STKA, STKA, STKA, YMSA, YNG, MILA, MJAR, SONM, USRK, SIMJ, SIMJ, MK31, MK31, MKAR, MKAR, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, KURB, KURK, ZALV, ZALV, RAYN, RAYN, BVAR, BKZ, BKZ, ARTI, ARTI, MMAI, GSPA, GSPA, GSPA, AKASA, SNAI, SNAI, BURAR, LINES, LINES, ARCES, TXAR, BDFB, etc.

IDC 07 19:17:14.6, 1.0, 0.18S; 125.40E, h0km, mb3.5/6, mbmp3.6/6, MS2.9/1, Error ellipse: s-maj=61.7km s-min=19.2km az=71.0
DJA 07 19:17:19.0, 9.0, 9.0S; 2.2x12.5E, h17km, 7km, M4.1/19, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KMSI, SANI, TNTI, TNTI, LWSI, LWSI, NLAJ, NLAJ, BKSJ, DAV, BSSI, FAKI, WRA, ASAR, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ASAR, MJAR, SONM, MKAR, KURBB, IDC 07 19:41:60.0, 1.8, 15.58S; 177.70W, h444km, 17km, mb3.3/7, etc.

IDC 07 20:00:14.6, 0.4, 1.93N; 72.89W, h0km, mb5.0/42, mbmp5.0/44, M5.5/12, MS5.0/73, Error ellipse: s-maj=1.8km s-min=9.5km az=29.0
MOS 07 20:00:16.9, 1.0, 1.93N; 72.94W, h23km, mb5.8/74, MS5.1/28, Error ellipse: s-maj=6.1km s-min=4.2km az=60.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include IDC 07 20:00:17.3, 2.0, 0.20N; 72.97W, h30km, Moment Tensor Solution, etc.

Table with columns: JDR, comp=N,91um,0.6s, IAML, 20 01 25.2, 20 00 46.5 -0.7, etc. Includes entries like QMBU Quimbuelo, SDDR Presa de Saban, MOAC Moa, etc.

Table with columns: BCIP, comp=Z,510nm,1.2s, IvM_B_BB, 20 03 33.5, etc. Includes entries like BCIP Isla Barro Col, MPON Morne Pois Mar, SLBI Saint Lucia, etc.

Table with columns: WWT Waverly, 20.76 324 P P, 20 04 56.7 +0.5, etc. Includes entries like WWT Waverly, R50A Paris, P53A Whipple, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Ann Arbor, Otisfield, Tabatinga, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like I37A, ITTB, ALPN, L34A, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like SNDB, PDAR, Pinedale Array, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like 107A Ize, ORV Orville, AC01 Pan de Azucar, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like RES Resolute Bay, WTKY Watson Lake, V35L Ketchikan, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like PMRV MVO, SKAG Skagway, WHY Whitehorse, etc.

7d 20h

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M. Includes stations like Dawson, Quif, Moose Creek, etc.

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Table with columns: ID, Name, Az, El, P, M, Az, El, P, M. Includes stations like MFF, HARP, RIDG, etc.

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Table with columns: ID, Name, Az, El, P, M, Az, El, P, M. Includes stations like E24K, O22K, O22K, etc.

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7d 20h

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Table with columns for station ID, name, elevation, azimuth, distance, bearing, and other parameters. Includes stations like BTNL Ternell, M20K Styx River, M20K Styx River, etc.

Table with columns for station ID, name, elevation, azimuth, distance, bearing, and other parameters. Includes stations like H19K Roundabout Mou, H19K Roundabout Mou, H19K Roundabout Mou, etc.

Table with columns for station ID, name, elevation, azimuth, distance, bearing, and other parameters. Includes stations like M16K Timber Creek, H17K Granite Mounta, H17K Granite Mounta, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CTI, TAM, M14K, etc.

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

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

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like VOIR, ANX, DOPR, VLAD, MAKR, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SIM, Simferopol', VSR, Storozhevo, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AKTO, VNA3, VNA1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santa Cesarea, Bucovina Array, Taminasset, Garm, Karatay Array, Torodi Ar, Beza, Geres Array B, Fines Array B, Kurchatov Arra, Makanchi Array, Zalesovo Beam, Arces Array B.

SDD 07 20:32:02.2, 2.0, 20.14N, 73.05W, h17km, 291km, MD3.9, ML3.6, MW2.7
SSNC 07 20:32:04.4, 2.0, 20.07N, 72.97W, h3km, 8km, MD3.6, ML3.3

ISC 07 20:32:03.7, 2.1, 20.07N, 73.02W, 0.03, h16km, 14km, n21, c1929/39, 11C-6D, Haiti region

Main table for station 415 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Masc, MCDR, PAPH, QMBU, REDR, MOAC, LUDR, SDDR, GTBY, NEDR, GRTK, PODR, RCC, ABDR, MARVS, HLGC, LMGC, QMBU.

SDD 07 20:53:57.1, 2.0, 20.10N, 73.02W, h15km, 877km, MD3.1, ML2.6, MW2.8
SSNC 07 20:53:57.4, 1.0, 19.59N, 72.84W, h20km, 15km, MD3.0, ML2.5

ISC 07 20:53:56.7, 1.5, 20.1N, 0.1, 72.99W, 0.04, h18km, 6km, n13, c1946/21, 1C-4D, Haiti region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Masc, MCDR, LMGC, QMBU.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QMBU, REDR, JIDR, SDDR, MOAC, GTBY, PODR, RCC, ABDR, MARVS, LPIG.

NEIC 07 20:56:01.9, 2.9, 19.5N, 0.1, 109.0W, 0.1, h10km, 2km, mb4.5/152, Md4.5/36(MEX), Error ellipse: s-maj=21.2km s-min=15.8km, az=229.0
MEX 07 20:56:04.7, 0.7, 19.15N, 108.96W, h15km, 14km, MD4.5
CGMT 07 20:56:04.9, 0.3, 19.73N, 109.02W, 0.02, h26km, 1km, MW5.0/111, Moment Tensor Solution. s28, c31; s111, c161; Duration: 0 Moment tensor. Scale 10^16 Nm; Mw=0.715; Mb=3.15; Ms=3.86; 12; Mw=0.73; 21; Mw=0.37; 08; Mb=0.78; 20; Best double couple: M3.68800x10^16 Np1.33.00000, 887.00000, 7.162.00000, NP2.42.00000, 872.00000, 7.4.00000; Principal axes: T1.0240, P10.0000, Azm265.0000; N-0.6710, P172.0000, Azm144.0000; P-3.3530, P15.0000, Azm359.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
IDC 07 20:56:08.4, 1.1, 20.27N, 109.10W, h0km, mb4.0/5, mbtmp4.1/9, ML3.8/4, MS4.0/4 Error ellipse: s-maj=42.3km s-min=20.1km az=76.0
ISC 07 20:56:03.1, 0.7, 19.39N, 106.108.99W, 0.03, h26km, n201, c1976/116, mb4.5/37, MS4.1/38, Revilla Gigeado Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H06E, ANIG, H06E1, H06S, CJJM, CIHU, SIHU, SLBS, ANIG, ANIG, ANIG, CDAR, CEGR, LPIG, LPIG, LPIG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPIG, COMA, COIG, SOMAC, MNGA, INCO, EZSV, EZSV, JUBC, JUBC, MMIG, MMIG, AAIG, AAIG, ZAIG, ZAIG, ZIIG, ZIIG, HPIG, ARIG, ARIG, CAIG, CAIG, TLIG, TXAR, TXAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VHRN, ALPN, DRIO, TUC, DUNG, 121A, MNHN, HNDO, WTX, OZNA, CMIG, ODSA, GSCY, GLA, YUH, TKX, BRDY, Y14A, X18A, BLVC, MSTX, MSTX, ABTX, ABTX.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PFO, ANMO, DKNs, APMT, ELS, WUJAZ, WUJAZ, W13A, WHTX, AMTX, AMTX, FW03, FW03, V12A, V12A, WFTS, WFTS, GSC, GSC, CCAC, CCAC, MVCO, MVCO, RTBA, RTBA, KNB, KNB, SHPR, SHPR, LCMT, LCMT, BCW, BCW, GWY, GWY, T2SA, T2SA, PKCU, PKCU, S22A, S22A, SZCU, SZCU, SDCO, SDCO, TPNV, TPNV, MTPU, MTPU, S11A, S11A, TEIG, TEIG, Q16A, Q16A, DSP, DSP, MZP, MZP, OK03, OK03, SRU, SRU, OK052, OK052, QUOK, QUOK, TMUT, TMUT, SPR3, SPR3, OK051, OK051, P18A, P18A, ISCO, ISCO, T3SA, T3SA, NVAR, NVAR, NVAR, NVAR, NLU, NLU, RLO, RLO, RYN, RYN, R32A, R32A, DUG, DUG, WAKR, WAKR, RDMU, RDMU, KVN, KVN, JLU, JLU, CTU, CTU, WHAR, WHAR, PNTR, PNTR, ELK, ELK, ELK, ELK, AFDM, AFDM, BMN, BMN, PAHR, PAHR, OGNE, OGNE, HJU, HJU, K22A, K22A, PDAR, PDAR, PDAR, PDAR, AHID, AHID, TPAW, TPAW, LOHW, LOHW, FXWY, FXWY, MOOW, MOOW, WVOR, WVOR, IMW, IMW, HLID, HLID, HLID, HLID, JTS, JTS, RSSD, RSSD.

Table with columns: Station, Comp, Az, El, AzEl, P, S, T, R, D, etc. Includes stations like USRK, MDJ, CTAO, XLT, BRDH, BNK, SHL, MEEK, ASAJ, GTA, KMBL, MUN, NWA0, etc.

Table with columns: Station, Comp, Az, El, AzEl, P, S, T, R, D, etc. Includes stations like KSH, NIL, TDK, MDOK, NRN, AAA, CHKK, KUU, ZALV, AAK, DGAR, BTLS, BTK, MSVF, KBL, DZA, SIMJ, KKR, KJAR, CHM, BRLS, TIXI, BVAR, HRA, NGCH, BILL, NRK, NRK, NRK, JMD, SMD, THZ, MHTO, LBZ, RPZ, DQM, URZ, HOQ, BKZ, RTZ, BSY, NIKH, ABKAR, SOHO, SPJA, P08K, UOSS, SHME, HATD, ASHO, ALNE, FAQ, SHAO, ASUD, AKTO, UNV, UMZA, AJN, GAMB, DMT0, ARTI, DOK, MZR, WHFO, M11K, ABTO, JRN, GHWR, TNA, K13K, etc.

Table with columns: Station, Comp, Az, El, AzEl, P, S, T, R, D, etc. Includes stations like K13K, K13K, S12K, S12K, S12K, F14K, M13K, SLWR, ANM, J14K, L14K, SDPT, F15K, N14K, M14K, M14K, G15K, O14K, O14K, SMRA, CHNA, L15K, C16K, K15K, K15K, K15K, M15K, O15K, N15K, N15K, G16K, D17K, J16K, J16K, CHGN, CHGN, CHGN, RD0G, C17K, L16K, L16K, E17K, M16K, M16K, N16K, G17K, P16K, O16K, O16K, H17K, H17K, R16K, J17K, J17K, E18K, E18K, B18K, L17K, C18K, K17K, K17K, F18K, O17K, K17K, M17K, M17K, N17K, N17K, R17L, H18K, H18K, G18K, P17K, CHIR, CHIR, C19K, C19K, Q17K, L18K, J18K, F19K, N18K, M18K, D19K, D19K, G19K, etc.

Table with columns for station ID (e.g., D25K, D24K), name (e.g., Happy Valley, Happy Valley), elevation (e.g., 0.66 289), and forecast data (e.g., S, Sg, 00 25 04.1 0.0).

Table with columns for station ID (e.g., G27K, G27K), name (e.g., Doyon Strip, Doyon Strip), elevation (e.g., 2.97 134), and forecast data (e.g., Pn, Pn, 00 25 38.4 +0.9).

Table with columns for station ID (e.g., INK, INK), name (e.g., Inuvik, Inuvik), elevation (e.g., 5.00 91), and forecast data (e.g., Pn, Pn, 00 26 06.5 +1.2).

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like TABL Table Mountain, K15K Wolf Creek Mou, etc.

GCMT 08 00:31:50.0±0.2, 65.16S±0.1x179.89W±0.03, h15km±1km, MW5.2/120, 5C, Moment Tensor Solution. s64, c79; s120, c182; Duration: 0 Moment tensor: Scale 10^16 Nm; Mw=0.71±0.13, Mw0=4.90±0.13, Mw9=4.19±0.11, Mw=5.58±0.70, Mw0=6.64±0.09, Mw1=5.66±0.37; Best double couple: M1=6.86200x10^16 NP1=127.00000°, 887.00000°, 1-54.00000°; NP2=221.00000°, 836.00000°, 1-174.00000°; Principal axes: T 4.8870, Plg32.0000°, Azm187.0000°; N -3.2510, Plg36.0000°, Azm304.0000°; P -5.2360, Plg38.0000°, Azm68.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Pacific-Antarctic Ridge

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like TROLL Troll, Antarti, SNAAA Sanae, VNA3 Neumayer Olymp, etc.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like VLAKA Lakatoro, DVP Devils Point, YATNC Marnie plateau, etc.

GII 08 01:02:25.1±0.5, 33.91N±31.52E, h10km, Mws2.4, confirmed; NIC 08 01:02:30.7, 34.13N±31.53E, h12km±1km, ML2/3.8; AFAD 08 01:02:33.1±0.0, 34.44N±31.70E, h6km±2km, ML1.8; ISK 08 01:02:34.6, 34.63N±31.44E, h18km, ML2.5/2.0; ISC 08 01:02:25.9±1.6, 33.85N±0.03±31.52E±0.04, h11km±11km, n99, c1348/117, Eastern Mediterranean Sea

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like NATA Nata, AKMS Akamas, APOL The Sanctuary, etc.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like IKL Isikidi, ERMK Ermenek, KEBE Keber-Mersin, etc.

IDC 08 01:08:01.4±1.8, 41.81N±14.125E, h88km±15km, mb3.4/10, mbtmp3.713, MS4.0/1, Error ellipse: s-maj=21.4km s-min=14.4km s-az=126°; NEIC 08 01:08:02.1±1.6, 41.77N±14.09±14.125E±0.09, h88km±5km, mb4.2/8, Error ellipse: s-maj=15.2km s-min=6.0km s-az=147.0°; JMA 08 01:08:02.0±0.1, 41.71N±14.14E±0.8, h89km±1km, MV3.1/32, S OFF TOMAKOMAI; ISC 08 01:08:01.9±0.7, 41.74N±14.04±14.125E±0.05, h93km±5km, n50, c1903/56, mb3.7/1.4, Hokkaido region

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like JKB Kayabe, JOK Ohata, JAH Aomorihigashid, etc.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like ZALV, B20K Meade River, IMAR Indian Mount, etc.

NINC 08 01:20:09.8±0.3, 50.01N±78.66E, h8km±6km, mb3.4, mpv2.9, Error ellipse: s-maj=8.3km s-min=2.9km s-az=82.0, Suspected Mining explosion; IDC 08 01:20:10.6±1.2, 50.00N±78.74E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=13.8km s-min=7.0km

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

KRSC 08 01:29:32.9±1.1, 56.17N±162.89E, h26km±7km, MI3.7, Near east coast of Kamchatka Peninsula

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like KBTR Krutoberegovo, KBG Krutoberegovo, SMKR Semkarok, etc.

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

IDC 08 01:46:36.3; 1, 0.26; 38S; 67.92E, h0km, mb3.9/11, mbtmp3.9/11, MS3.6/9, Error ellipse: s-maj=31.8km s-min=23.0km az=59.0

ISC 08 01:46:38.0-0.9, 26.4S; 02-67.9E; 0.2, h10km, n27, o=880/11, mb3.7/11, MS3.7/5, Indian Ocean Triple Junction

Main station list table for the first section, including stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 08 01:48:28.9; 2.1, 0.01N; 125.79E, h0km, mb3.5/3, mbtmp3.6/3, Error ellipse: s-maj=248.6km s-min=23.8km az=64.0, Northern Molucca Sea

Station list table for the second section, including stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

IDC 08 01:50:00.3; 5.8, 6.87S; 147.54E, h76km, 41km, mb3.6/4, mbtmp3.9/6, ML3.9/1, Error ellipse: s-maj=47.1km s-min=39.3km az=44.0

ISC 08 01:49:58.2-1.8, 6.75S; 01-147.5E; 0.3, h63km, n15, o=887/15, mb3.8/4, Eastern New Guinea region

Station list table for the third section, including stations like PMG Port Moresby, COEN Coen, QIS Mount Isa, etc.

IDC 08 01:56:12.4; 0.9, 83.80N; 114.31E, h0km, mb3.7/10, mbtmp3.7/11, ML3.8/11, MS3.3/10, Error ellipse: s-maj=26.7km s-min=18.1km az=146.0

ISC 08 01:56:13.9-0.8, 83.77N; 01-114.2E; 0.1, h10km, n19, o=142/12, mb3.7/10, MS3.3/9, North of Severnaya Zemlya

Station list table for the fourth section, including stations like SVZ Severnaya Zeml, SVZ Tiksi, NRK Noril'sk, etc.

Station list table for the fifth section, including stations like ARCES ARCESS Array B, SEY Seymchan, INK Inuvik, etc.

IDC 08 02:01:18.4; 1.6, 2.50S; 138.84E, h0km, mb3.7/7, mbtmp3.8/8, ML4.0/1, MS3.6/18, Error ellipse: s-maj=62.6km s-min=21.4km az=95.0

DJA 08 02:01:23.0; 0.5, 2.8S; 139.9E, h10km, M4.5/6, mb4.6/6, mb5.4/3, MLV4.3/4, MW(m)B4.9/3

ISC 08 02:01:23.0-0.8, 2.72S; 0.08; 138.63E; 0.10, h35km, n29, o=17/11/16, mb3.8/6, MS3.6/15, Irian Jaya

Station list table for the sixth section, including stations like GENI Genyem, JAY Jayapura, FAKI Fak Fak, etc.

IDC 08 02:04:35.0; 5.0, 9.1338N; 88.16W, h153km, 4km, ML3.6/4, IDIC 08 02:04:35.6; 2.3, 13.388N; 88.19W, h140km, 39km, mb3.2/4, mbtmp3.7/6, Error ellipse: s-maj=110.5km s-min=25.5km az=39.0

CATAC 08 02:04:36.4; 0.4, 13.49N; 88.06W, h146km, 4km, mb4.5, MB5.1, ML3.5

Station list table for the seventh section, including stations like MAW Mawson, ILAR Eielson Array, GSPA South Pole Qui, etc.

ISC 08 02:04:36.0; 0.4, 13.49N; 88.15W; 0.07, h151km, 6km, n53, o=169/64, mb3.3/4, El Salvador

Station list table for the eighth section, including stations like CNRM Centro Naciona, RANC El Ranchito, INTP Intipuca, etc.

Station list table for the ninth section, including stations like SCLA SCLA, SCLA Alcaldia de Sa, SCLA Cosiguina Volc, etc.

IDC 08 02:13:42.0; 1.1, 9.47N; 127.24E, h0km, mb3.9/7, mbtmp3.9/8, ML3.9/1, MS3.2/2, Error ellipse: s-maj=58.0km s-min=17.4km az=70.0

ISC 08 02:13:48.1; 1.0, 9.49N; 01-127.1E; 0.2, h41km, n9, o=60/9, mb3.9/7, Philippine Islands region

Station list table for the tenth section, including stations like DAV Davao City (W), DAV Davao City (S), WRA Warramunga Arr, etc.

PGC 08 02:14:18.7; 2.1, 48.81N; 129.29W, h10km, MLN2.9/18, Mw3.5/18, 249km west of Tofino, Bc Vancouver Island, Canada Region, Vancouver Island region

Station list table for the eleventh section, including stations like NCHR NEPTUNE Canada, NCHR NEPTUNE Canada, KEMF NEPTUNE Canada, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PINC, MARVS, BANI, HLGC, HATOM, MIDR, LMGC, MTDJ.

SDD 08 03:09:57.5 ± 1.3, 201°16N, 73°24W, h31km, 999km, MD3.4, ML3.1, MW3.3

SSNC 08 03:09:58.0 ± 1.1, 201°15N, 72°94W, h5km, MD3.2, ML2.8

ISC 08 03:09:57.3 ± 1.4, 200°10N, 077°03W, 0.03, h14km, 11km, n21, r146/37, 10C-1D, Haiti region

Main table of station data for the Haiti region, including stations like MASC, MCDR, PAPH, QMBU, REDR, SDDR, MOAC, LUDR, GTBY, PODR, RCC, ABDR, PINC, HATOM, LMGC, MIDR, MTDJ, RSP.

LDG 08 03:22:53.2 ± 0.2, 45°11N, 7°30E, h10km, Md1.8/1, Error ellipse: s-maj=4.8km s-min=2.2km az=105.0

STR 08 03:22:53.5 ± 0.9, 45°13N, 3°37E, h13km, 7km, MLV0.9/7, Error ellipse: s-maj=0.0km s-min=0.0km az=106.4, preliminary, Northern Italy

Code Station Name Azimuth Phase ID Time Res

RSP Reno Superiore 05° 31'0 Op Pg 04 57 04.0 0.0

Table of station data for the Finland region, including stations like BHB, LSD, RRL, CIRO, MBDF, LPL, PZZ, ISOLA, SURF, JAUF, ENAUX, PIAF, GBOS.

STR 08 03:22:58.0 ± 0.9, 44°N, 25°E, h10km, 11km, MLV0.7/6, Error ellipse: s-maj=0.0km s-min=0.0km az=30.3, preliminary, Northern Italy

UPP 08 04:26:49.6 ± 0.1, 64°32N, 25°11E, h26km, ML1.4, ML1.9(UPP), Confirmed Earthquake, Finland

Main table of station data for the Finland region, including stations like Vikkela, Siikajoki, Ylip, Raaha, Vihanti, Oulu, Merijarvi, Syolatti, Pyha, Elvisluoto, Kekajrvi, Kamusenper, Ukkokalla, Kalix, Tornio, Sjujsmark, Rovaniemi, Stanfors, Ylistaro, Ertisaerv, Umeaa, Harads.

NEIC 08 04:56:46.7 ± 0.5, 36°20N, 0°01'97.90W, 0.01, h5km, 2km, mb, Lg2.9/77, ML3.0/60, ML2.9, Error ellipse: s-maj=1.5km s-min=1.4km az=140.0

NEIC 08 04:56:46.5 ± 0.4, 36°19'3N, 0°01'07.91W, 0.01, h5km, 1km, Error ellipse: s-maj=2.7km s-min=1.7km az=333.0, Oklahoma

Main table of station data for the Oklahoma region, including stations like CROK, OK029, GC02, ADOK, KAN14, BLOK, OK048, CSTR, KAN17, KAN17, OKCSW, KAN13, OK031, KAN05, OK052.

Main table of station data for the Haiti region, including stations like OK052, OK051, KAN01, QUOK, FNO, KAN08, KS21, KS21, DEOK, DEOK, ELIS, T35A, X34A, WMOK, TUL3, SMWD, LOOK, RLO, WTF5, X37A, U38A, Z35A, CBK3, KAN01, HARB, FW06, AMTX, PLPT, APMT, FW07, Z38A, ABTX, ABTX, FW13, MIAR, MIAR, RTBA, SN07, S39A, S39A, SN05, WHXY, X40A, MGMO, WHAR, WLAR, FCAR, UALR, P38A, P38A, R40A, BRDY, BRDY, N35A, SGCY, Z41A, T25A, T25A, 435B, CCAR, T42A, T42A, CCM, P40A, OGN, JCT, JCT, PBMO, FVM, SDCO, MNHN, SLM, K30B, K30B, BRIGG, HONDO, ISCO, SIUC, DRIO, P43A, L40A, N23A, RSSD.

Code Station Name Azimuth Phase ID Time Res

NEIC 08 05:04:26.6 ± 1.0, 20°21N, 0°05'72.92W, 0.05, h10km, 1km, mb4.4/13, Error ellipse: s-maj=9.3km s-min=7.5km az=39.0

SDD 08 05:04:29.4 ± 2.5, 20°16N, 73°30W, h41km, 978km, MD3.7, ML4.0, MW3.9

SSNC 08 05:04:30.1 ± 1.8, 20°07N, 72°96W, h5km, 9km, MD3.5, ML3.3

ISC 08 05:04:28.0 ± 1.1, 20°11N, 0°03'72.99W, 0.02, h25km, 10km, n71, r155/97, mb4.3/6, 24C-5D, Haiti region

Code Station Name Azimuth Phase ID Time Res

8d 5h

Table with columns: MASC Masc, MASC, MASC, MASC, MCDR Montecristi, MCDR, MCDR, MCDR, MCDR, PAPH Port-au-Prince, PAPH, PAPH, PAPH, PAPH, PAPH, QMBU Qumbuelo, QMBU, QMBU, MAOI Mao, MAOI, LUDR Luperon, LUDR, LUDR, LUDR, MOAC Moa, MOAC, MOAC, JIDR Jimani, JIDR, JIDR, SDDR Presa de Saban, SDDR, SDDR, SDDR, GTBY Guantanamo Bay, GTBY, GTBY, NEDR Neiba UASD, NEDR, NEDR, GRTK Grand Turk, GRTK, GRTK, GRTK, SC01 Santiago de lo, SC01, SC01, PODR Polo, PODR, RCC Rio Carpintero, RCC, RCC, ABDR Alto Bandera, ABDR, ABDR, PINC Pinares de May, PINC, PINC, MARVS Santiago de Cu, MARVS, MARVS, CADR Cabrera, CADR, CADR, HLGC Holguin, HLGC, HLGC, BANI BANI, DR08 Loma La Naviza, DR08, DR08, NADR Nagua, NADR, NADR, CHIV Chivirico, SDD Santo Domingo, HATOM Hato Mayor del, HATOM, HATOM, LMGCC Las Mercedes

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Table with columns: LMGCC, LMGCC, LMGCC, MIDR Miches, MIDR, MIDR, MIDR, MIDR, STH Stony Hill, STH, STH, STH, PCDR Punta Cana, DR, MTDJ Mouna Denham, MTDJ, MTDJ, PRSN Puerto Rico Sec, CRIP Cabo Rojo, PR, MLPR Maguayes Islan, AOPR Arcebio Observ, EMPR Esperanza - Ma, OBIP Obispopo Ponce, CELP Cerrillos, SUG San Juan, GPCR Guaynabo City, MGVC Manicaruaga, IGPR InterUniversi, PDPR Patillas Dam, HUMF Col San Antoni, AUAI El Saul, W52A Murphy, BOAV Boavista, HBAR Hbarsburg, PARMO Parma, WES Weston, K57A Scipio Center, K57A, KENEDY Junction City, JCT, OK048 Pawnee Station, OK048, TXAR Lajitas Array, AMTX Amarillo, AMTX, ETMB Extrita, RTBA Reta Blanca, RTBA, NV11 Mina Array Sit, NEIC 08 05:04:44.2, 2.7, 29.63N, 07:14:11.0E, 0.1, h77km, 10km, mb4.3/13, Error ellipse: s-maj=19.3km s-min=9.1km, IDC 08 05:04:45.9, 1.1, 29.64N, 14:0.84E, h90km, 15km, mb3.7/11, mbmp4.0/14, Error ellipse: s-maj=43.8km s-min=8.1km, JMA 08 05:04:47.4, 0.1, 30.0N, 09:14.2E, h59km, MV4.7/26, NEAR TORISHIMA IS, ISC 08 05:04:43.2, 0.5, 29.52N, 0:04:14.0E, 0.10, h50km, n46, s=19.0km, mb4.3/17, Southeast of Honshu

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Table with columns: ARCES ARCESS Array B, FINES FINESS Array B, AKAGS Malin Array Be, HFS Hagfors, BRTR Keskin Array B, IDC 08 05:15:35.5, 1.6, 1.64S, 120.60E, h0km, mb3.5/3, mbmp3.7/5, ML3.4/2, MS2.8/1, Error ellipse: s-maj=40.2km s-min=19.8km az=67.0, DJA 08 05:15:37.1, 0.3, 2.5S, 12.0E, h10km, M4.3/11, mb4.6/1, MLV4.2/11, ISC 08 05:15:39.2, 1.3, 1.67S, 120.10E, 0.10, h23km, n12, s=113/11, mb3.6/3, Sulawesi, Code Station Name, Phase ID, Time Res, APSI Ampama, MPSI Mpsaga, LWSU Luwulu, SPSI Sidrap Palu, BNSI Bone, KAPI Kappang, KAPI, KAPI, BKSI Bulukumba, DAV Davao City (W), FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, NEIC 08 05:17:02.0, 2.1, 23.7N, 0:1:144.02E, 0.09, h10km, 2km, mb3.7/0, IDC 08 05:17:02.2, 3.6, 23.64N, 144.28E, h0km, mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=29.4km s-min=2.9km az=79.0, ISC 08 05:17:03.2, 0.9, 23.82N, 0:09:143.9E, 0.1, h10km, n24, s=173/23, mb4.4/12, Volcano Islands region, Code Station Name, Phase ID, Time Res, JCJ Chichijima, JCJ, JCJ, JHJ Mitsune, JSG Sagara, IMAJO Matsushiro, MJB9 Mijabel, JMM Marumori, JOW Kunigami, WBO Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, KULM Kulim, ASAR Alice Springs, KDAD Kodiak Island, KURBB Kurchatov Arra, B21K Ikpikpuk River, E24K Your Creek, D25K Kavir River, SCRK Sand Creek, BVAR Borovoye Array, ISLE Juniper Island, KKAR Karatay Array, FINES FINESS Array B, SSNC 08 05:20:05.8, 1.5, 20.06N, 72.99W, h5km, 7km, MD3.7, ML3.5, SDD 08 05:20:09.2, 2.6, 19.99N, 72.84W, h15km, 12km, MD3.6, ML3.9, MV3.9, ISC 08 05:20:03.0, 1.1, 20.03N, 0:04:72.93W, 0.02, h17km, 9km, n30, s=173/55, 1C-10, Haiti region, Code Station Name, Phase ID, Time Res, MCDR Montecristi, MCDR, MCDR, MASC Masc, MASC, MASC, PAPH Port-au-Prince, PAPH, PAPH, PAPH, PAPH, PAPH, QMBU Qumbuelo, QMBU, QMBU, QMBU, JIDR Jimani, JIDR, JIDR, LUDR Luperon, LUDR

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like BRBA Barentsburg B, SDDR Presa de Saban, MOAC Moa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like BRBA Barentsburg B, SPAO Spitsbergen Ar, HOPEH Hopen, etc.

NNC 08 05:42:09.2, 9.8, 36.10N:69.38E, h44km, 364km, mb4.0, mp3.8, 1C-1D, Error ellipse: s-maj=90.8km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like KK31 Karatay Array, AAK Aa-barcha, AB31 Akbulak array, etc.

IDC 08 05:45:25.4, 0.4, 23.62N:143.84E, h0km, mb4.5/27, mbmp4.4/30, ML3.9/3, MS3.5/24, Error ellipse: s-maj=15.5km

NEIC 08 05:45:27.8, 1.9, 23.62N:0.05:143.89E:0.09, h10km, 1km, mb4.9/220, Error ellipse: s-maj=15.4km

MOS 08 05:45:27.1, 1.0, 23.61N:143.84E, h24km, mb4.9/25, Error ellipse: s-maj=13.0km

JMA 08 05:45:28.9, 0.2, 24.1N:143.74E, h71km, MV4.6/11, IOTO ISLANDS REGION

BUI 08 05:45:29.0, 23.62N:143.94E, h36km, mb4.6/48, mb5.0/18, Ms4.2/14, Ms7.4/0.21

ISC 08 05:45:29.1, 0.3, 23.63N:0.04:143.91E:0.05, h28km, n607, 1509/608, mb4.9/158, MS3.7/30, 5C-10D, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like JHH2 Haha-jima-NKT2, CBIJ Chichijima, GUMO Guam, etc.

NAO 08 05:35:30.8, 5.7, 74.73N:9.22E, ML3.1, FCIAI 08 05:35:31.0, 7.4, 57N:9.58E, h10km, BER 08 05:35:34.6, 2.0, 74.67N:9.32E, h21km, 19km, mb(Pn)3.9, ML3.1(NAO), Confirmed Earthquake

ISC 08 05:35:30.4, 2.2, 74.67N:0.07:9.5E:0.1, h10km, n30, 6231/52, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like BJO1 Bjornoya, HSPB Hornsund (broa), BRBA Barentsburg A, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Rows include stations like PATS, USA0B Ussuriysk Arra, MDJ Mudanjing, etc.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like CMAR, CTAO, GOMU, WB0, WR0, WRAB, WB2, WRA, FITZ, BILLS, SP1A, P08K, SHL, UNV, AS31, ASAR, RPS1, EIDS, GAMB, WMQ, WMQ, GSI, M11K, MBWA, DZM, PSA00, DGZ, SDPT, K13K, K13K, M13K, CNBA, CHNA, TNA, O14K, O14K, N14K, L14K, L14K, M14K, M14K, J14K, ANM, F14K, CHGN, CHGN, O15K, L15K, M15K, MSVF, MSVF, K15K, G15K, ZAA0, ZALV, ZALV, F15K, F15K, R16K, H16K, P16K, N16K, L16K, L16K, L16K, M16K, M16K, J16K.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like J16K, O16K, O16K, MK31, MK31, MKAR, MKAR, MKAR, G16K, I17K, MAKZ, C16K, R17L, CHIR, O17K, L17K, J17K, J17K, N17K, P17K, Q17K, G17K, D17K, K17K, K17K, M17K, M17K, H17K, H17K, F17K, E17K, RDOG, C17K, Q18K, N18K, N18K, SII, P18K, L18K, L18K, L18K, R18K, STKA, STKA, STKA, O18K, O18K, O18K, E18K, E18K, H18K, H18K, M18K, F18K, G18K, G18K, J18K, C18K, B18K, OHAK, OHAK, O19K, GCSA, N19K, N19K, N19K, Q19K, L19K, L19K, J19K, J19K, M19K, M19K, M19K, F19K, F19K, G19K, G19K, P19K, KDAK, KDAK, KDAK, KDAK.

Table with columns for station ID, name, elevation, and forecast data. Includes stations like H19K, H19K, A19K, C19K, C19K, Q20K, SYI, L20K, KURK, KURK, KURK, KURB, E19K, E19K, BBOO, BBOO, D19K, D19K, K20K, K20K, K20K, M20K, M20K, M20K, J20K, J20K, J20K, I20K, H20K, F20K, F20K, N20K, SPCR, E20K, D20K, PPLA, IMAR, SKT, B20K, B20K, CHUM, G21K, G21K, H21K, H21K, H21K, SUIA, SUIA, F21K, F21K, I21K, I21K, I21K, C21K, E21K, O22K, M22K, BPAW, BPAW, CUT, SEW, RC01, B21K, B21K, H22K, MLY, MLY, MLY, F22K, PMR, PMR, PMR, G22K, D22K, D22K, KSH, KSH, BWN, B22K, B22K, PWL, PWL, KNK, KNK, KNK, MORW, MORW, RND, SML, SML, SML, MCK, WAT1, I23K, NEA2, NEA2, NEA2, G23K, G23K.

Table with columns: Station ID, Name, Date, Time, P, I, A, M, B, Value, and other parameters. Includes stations like H23K Yukon River, H23K Yukon River, H23K Coldfoot, etc.

Table with columns: Station ID, Name, Date, Time, P, I, A, M, B, Value, and other parameters. Includes stations like NIL Nilore, M27K Jago River, C25A MESA, etc.

Table with columns: Station ID, Name, Date, Time, P, I, A, M, B, Value, and other parameters. Includes stations like INK Inuvik, INK Inuvik, INK Inuvik, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WRO, ASAR, USRK, FORST, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, BBOO, SONM, PETK, MK31, MKAR, AAK, KURK, KURB, KKAR, BVAR, NRK, ABKAR, CASY, IMAR, B21K, ILAR, FINES, TXAR, TORD.

SNET 08 07:14:24.71.0.13'60N-92'25W, h0km, 30km, ML3.0
MEX 08 07:14:24.6.0.7.13'33N-92'46W, h10km, MD4.2
CATAC 08 07:14:26.0.1.13.13'46N-92'17W, h5km, 7km, ML3.4
ISC 08 07:14:25.9.2.3.13'55N-0.07'92'28W, 0.06, h13km, 11km, n31, e159/43, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RTAL, THIG, SOKI, CHUJ, PATR, PAVE, HUEH, QUIS, PCIG, NUBE, UNIC, CCIG, MTO3, UEES, SNET, LOMA, PAVA, UJUV, LCND, CMIG.

NNC 08 07:25:23.5.1.9.54'79N-86'43E, h0km, mb3.8, mpv3.6, 6C-3D, Error ellipse: s-maj=61.4km, s-min=12.0km, az=141.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ZAAO, KURK, KURB, MK31.

IDC 08 07:43:27.5.2.2.54'52N-83'58E, h0km, mbtmp2.5/2, ML2.1/2, Error ellipse: s-maj=17.8km, s-min=9.8km, az=162.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, KURB, MKAR.

WEL 08 07:55:16.6.0.9.44'S±16'8E, h5km, M3.2/9, ML3.4/12, MLv3.2/9, Error ellipse: s-maj=0.0km, s-min=0.0km, az=128.7, Confirmed, South Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MSZ, DCZ, EAZ, WHZ, LBZ.

SOME 08 08:30:38.6.41'00N-78'50E, h0km, KRNET 08 08:30:40.4.0.1.41'08N-78'68E, h13km, mb2.5, ISC 08 08:30:40.2.2.5.40'39N-0.1'78'53E, 0.06, h8km, 13km, n15, e156/30, 8C-4D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TARG, PRZ, KDJ, NRN, SATY, ULHL, UZB, SHLS, TNSS, BOOM, KPKS, KURS, KTBS, KRBS, DJR.

IDC 08 08:37:42.6.0.8.37'17N-141'67E, h0km, mb3.7/11, mbtmp3.7/14, ML3.6/2, MS3.6/2, Error ellipse: s-maj=20.2km, s-min=15.9km, az=105.0, NIED 08 08:37:46.1.37'20N-141'63E, h38km, MW3.7, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm, M=2.51; Mw0.56; Mw1.95; Mw2.86; Mw1.37; Mw1.71; Fault plane solution: N=260000°/104° NP2=82.0000°, δ72.0000°, λ-75.0000°. NP2φ=192.0000°, δ23.0000°, λ-128.0000°.

JMA 08 08:37:46.1.0.2.37'2N-0.5'141'6E, h1.0, h38km, 1km, MD4.1/39, MV4.0/39, E OFF FUKUSHIMA PREF, JMA Felt J1 at E OFF FUKUSHIMA PREF, ISC 08 08:37:43.1.8.37'19N-0.04'141'73E, h6km, 10km, n40, e994/39, mb3.7/11, 2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JFJK, ONAJ, ONAJ, ONAJ, JFJD, JFJD, JMM.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JMM, JHO, JOTO, JIO, JOU, JYAR, JSB, JOFO, JFY, JYS, MJAR, JHJ, ASAJ, SONM, H1N2, H1N1, H1N3, H1S1, H1S2, MKAR, ILAR, BVAR, WRA, ASAR, AKASO, NVAR, PDAR.

IDC 08 08:45:32.2.0.6.29'68S-179'21W, h294km, 8km, mb3.2/4, mbtmp4.2/6, Error ellipse: s-maj=25.8km, s-min=16.9km, az=117.0

NOU 08 08:46:30.0.34'68S-179'64E, h271km, MLV4.3/10, South of Kermadec Islands, ISC 08 08:45:32.1.0.7.29'94S-0.06'179'1W, 0.1, h300km, n74, e230/67, mb3.3/4, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GLKZ, RIZ, RAO, MXZ, KUZ, OUZ, WAZ, HAZ, TWGZ, URZ, RAGZ, RIGZ, RRRZ, MUGZ, SHNZ, PRGZ, KNZ, TAZ, MHGZ, MRHZ, ARHZ, BKZ, HAUIZ, MCHZ, NTVZ, ETVZ, KWHZ, OTVZ, KAHZ, KRHZ, WPHZ, WAZ, BIRCH, DWVZ, ANWZ, POWZ, PRWZ, BFZ, MRZ, HOWZ, OGWZ, TMWZ, KIWZ, CAVZ, TRWZ, DUWZ, PAWZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, WRA Warramunga Arr, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H.

IDC 08 09:07:42.1e.0.9, 7.01S, 155.65E, h0km, mb3.9/7, mbtmp3.9/8, ML2.0/1, MS3.3/3, Error ellipse: s-maj=30.9km s-min=23.9km az=131.0

NEIC 08 09:07:51.9.0.8, 7.15S, 0.1x155.5E:0.2, h64km, 6km, mb4.4/22, Error ellipse: s-maj=28.7km s-min=14.2km az=130.0

ISC 08 09:07:49.2.0.7, 7.15S, 0.1x155.6E:0.1, h50km, n48, 0.93/4.1, mb4.4/17, MS3.4/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, COEN Coen, PATS Pohnpei, CTAR Charters Tower, WR0 Warramunga Arr, WRB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, MTN Mantion Dam, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, H11S3 WAKE ISLAND, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11N1 WAKE ISLAND, H11N3 WAKE ISLAND, H11N2 WAKE ISLAND, FITZ Fitzroy Crossi, BBOO Buckleboe, JNU Nakatsue, PHRA Phrae, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, SONM Songino Array, SDPT Sand Point, M16K Timber Creek, K15K Wolf Creek Mtn, KDAK Kodiak Island, L18K Granite Mouna, L19K White Mountain, IMAR Indian Mountain, RND Reindeer, MLY Manley, C19K Lookout Ridge, QSPA South Pole Qui, QSPA South Pole Qui, ILAR Eielson Array, B20K Meade River, RIDG Independent Ri, J25K Salcha River, D22K Ayikyak River, MKAR Makanchi Array, ELK Elko, BDBF Brasilia, TORO Torodi Arr, NNC 08 09:22:34.2.2.5, 53.80N, 90.38E, h0km, mb3.6, mpv3.3, 8C-2D, Error ellipse: s-maj=23.2km s-min=16.3km az=21.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H04S2 CROZET ISLANDS, H04S3 CROZET ISLANDS, H04S1 CROZET ISLANDS, SUR Sutherland, MAW Mawson, SNAA Snares, LBTB Lobatse, QSPA South Pole Qui, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, ASAR Alice Springs, WRA Warramunga Arr, IPEC 08 09:32:13.3.0.2, 51.49N, 16.20E, h1km, ML2.4/4, Error ellipse: s-maj=1.9km s-min=1.1km az=39.0, PRU 08 09:32:15.3.51, 44N, 18.10E, h0km, DNK 08 09:32:15.1.6, 51.83N, 16.69E, h2km, ML3.0, VIE 08 09:32:16.4.0.7, 51.33N, 16.60E, h0km, mb2.4/4, ml2.8/3, Error ellipse: s-maj=10.7km s-min=5.1km az=101.0, Suspected Mining induced., ISC 08 09:32:11.6.0.8, 51.59N, 0.03x16.15E:0.03, h0km, n27, 0.115/4.5, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, OSGO Osgo, UPC Upe, DPC Dobruska-Polom, PVCC Panska Ves, KRLC Kraikly, PRU Pruhonice, HSKC Hora Svate Kat, CLL Collm, MORC Moravsky Berou, MORC Moravsky Berou, OKC Ostrava-Krasne, VRAC Vranov, VRAC Vranov, TREC Trest, KRUC Moravsky, KRUC Moravsky, OJC Ojcow, JAVC Velka Javorina, KHC Kasperske Hory, CKRC Cesky Krumlov, CKRC Cesky Krumlov, LANS Liptovska Anna, LANS Liptovska Anna, MODS Modra-Piesok, MODS Modra-Piesok, MODS Modra-Piesok, BORSD Bornholm Skovb, BORSD Bornholm Skovb, CONA Conrad Observa, CONA Conrad Observa, MOA Molin, ARSA Arzberg, BJUU Bjur, DEL Delary, NNC 08 09:43:41.1.0.7, 51.37N, 75.17E, h0km, mb3.6, mpv2.9, Error ellipse: s-maj=12.6km s-min=4.4km az=23.0, Suspected Mining explosion., ISC 08 09:43:45.3.1.2, 51.79N, 75.54E, h0km, mbtmp2.7/4, ML2.0/3, Error ellipse: s-maj=27.1km s-min=9.7km az=32.0, ISC 08 09:43:42.0.1, 51.71N, 0.1x75.08E:0.10, h0km, n10, 0.60/8.3C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MAKZ Makanchi, WK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 08 09:53:21.1e.1.5, 12.93S, 45.40E, h0km, mb4.1/5, mbtmp4.2/6, ML4.9/1, MS3.3/2, Error ellipse: s-maj=44.7km s-min=27.0km az=161.0

NEIC 08 09:53:23.5.0.9, 13.05S, 0.1x45.4E:0.1, h10km, 2km, mb4.4/7, Error ellipse: s-maj=23.4km s-min=16.7km az=250.0

ISC 08 09:53:22.3.0.9, 13.04S, 0.09x45.5E:0.1, h10km, n20, 0.65/2.0, mb4.3/7, Northwest of Madagascar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OPO Ambohitratompo, OPO Ambohitratompo, ABPO Ambohimpangan, ABPO Ambohimpangan, FOMA Nahampoana Res, RER Riviere de l'E, LSZ Lusaka, LSZ Lusaka, LBTB Lobatse, LBTB Lobatse, FURI Warramunga Arr, BOSA Boshof, BOSA Boshof, BOSA Boshof, TORO Torodi Arr, ABKAR Abkular array, QSPA South Pole Qui, QSPA South Pole Qui, ASAR Alice Springs, WRA Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, TXAR Lajitas Arr, JMA 08 10:06:08.9.0.1, 26.8N, 0.5x129.8E:0.4, h50km, MV3.8/25, NEAR OKINAWAJIMA ISLAND, ISC 08 10:06:09.1.1.5, 26.80N, 0.04x129.83E:0.04, h57km, 38km, n21, 0.67/5.39, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JOKE Okinoerubujima, JTK Tokunoshima, JTK Tokunoshima, JOW Kunigami, JOW Kunigami, JZK Kikaishima, JZK Kikaishima, JAMN Amaminishikomi, JAMN Amaminishikomi, JKD Kitadaitoujima, JKD Kitadaitoujima, JMJ Minamidaito 2, JMJ Minamidaito 2, JAM Amami Oshima, JAM Amami Oshima, JNH Nagotoyohara, JNH Nagotoyohara, JIH Itheya, JIH Itheya, JTT Tamagusuku3, JTT Tamagusuku3, JAGN Aguni-jima, JAGN Aguni-jima, JTAJ Takarajima, JTAJ Takarajima, JTK Kume jima 2, JTK Kume jima 2, JNK Nanakosha, JNK Nanakosha, JNN JNN, JYAK Yakushimahirau, JYAK Yakushimahirau, JKC Kuchinoerabu, JKC Kuchinoerabu, JKM Minamitane, JKM Minamitane, JTN Tanegashima 3, JTN Tanegashima 3, JMN Monobe, JMN Monobe, ROM 08 10:10:21.4.0.1, 42.774N, 0.009x13.197E:0.007, h10km, ML1.1/4, 1C, Error ellipse: s-maj=1.0km s-min=0.5km az=14.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NRCA Norcia, NRCA Norcia, NRCA Norcia, MTRM Matera, MTRM Matera, MMONI Montemonaco, MMONI Montemonaco, TERO Teramo, TERO Teramo, ROM 08 10:11:15.3.0.1, 46.190N, 0.009x11.19E:0.01, h0km, ML0.9/34, 3C, Error ellipse: s-maj=1.1km s-min=0.9km az=298.0, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PANI Panarotta, PANI Panarotta, PANI Panarotta, PANI Panarotta, GAGG Gaggia, GAGG Gaggia, GAGG Gaggia, GAGG Gaggia, H46RU ZALESOVO INFRA 6.33 63, I 10 16 20.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAGG, OZOL, ZIAN, LUSI, KOSI, DOSS, CARE, MABI, MBAL, BRES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, MSFV, PINNC, YATNC, DZM, NOUC, URZ, BKZ, BKZ, QRS, KHZ, LTZ, ARMA, EIDS, CAN, CMSA, CTAO, QLP, STKA, PMG, COEN, HTT, LCRK, QIS, AS31, ASAR, ASAR, WRO, WRO, WB2, WRAB, WRAB, WBO, WBO, WRA, WRA, WRA, WRA, KNRA, FITZ, NWAQ, MBWA, MORW, GSPA, GSPA, BELA, MAW, TROLL, SNA, SNA, SNA, VNA3, VNA2, TXAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ, ZALV, MKAR, KURBB, WRA, LIFNC, KOUNC, YATNC, DZM, DZM, DZM, NOUC, ONTNC, ONTNC, QUENC, PINNC, PINNC, PINNC, HNR, EIDS, ARMA, CTA, CAN, CAN, STKA, WBO, WBO, WB2, WRAB, WRAB, WRA, WRA, AS31, ASAR, ASAR, BB00, KNRA, KNRA, FOR, FOR, FITZ, JMM, JNU, CASH, CASH, GSPA, GSPA, GSPA, USHA, etc.

IDC 08 10:13:00.5-8.8, 18.22Sx170.36E, h225km, 52km, mb3.4/3, mbmp4.0/4, Error ellipse: s-maj=112.3km s-min=77.8km az=116.0

NEIC 08 10:13:14.2-1.3, 19.0S:0.2-169.3E:0.1, h253km, 7km, mb4.0/10, Error ellipse: s-maj=22.1km s-min=13.9km az=165.0

NOU 08 10:13:19.2-1.9, 19.0S:0.2-169.3E:0.09, h246km, n28, s112/28, mb4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIFNC, MARNC, YATNC, PINNC, PINNC, DZM, DZM, DZM, NOUC, ONTNC, ONTNC, KOUNC, KOUNC, MSFV, EIDS, RTZ, STKA, STKA, WRO, WRO, BB00, WB2, WRAB, WRAB, WRA, WRA, AS31, AS31, ASAR, PSAA0, PSAA0, QSPA, etc.

IDC 08 10:56:08.8-1.8, 39.26N:140.76E, h145km, 20km, mb3.4/4, mbmp3.6/6, Error ellipse: s-maj=38.2km s-min=16.2km az=102.0

JMA 08 10:56:10.7-0.1, 39.2N:0.5-140.5E:0.7, h148km, 1km, MV3.1/35, SOUTHERN AKTA PREF

ISC 08 10:56:09.8-0.9, 39.21N:0.05-140.52E:0.08, h156km, 7km, n17, s19/16/29, mb3.6/4, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JRG, JRG, JRG, JYK, JYK, JYK, JMK, JMK, JOM, JOM, JOU, JOU, JYA, JYA, JAH, JAH, JAO, JAO, JIO, JIO, JYS, JYS, JANG, JANG, JSD, JSD, MJAR, etc.

IDC 08 11:15:14.6-1.4, 51.60N:82.55E, h0km, mbmp3.1/2, ML2.4/2, Error ellipse: s-maj=16.6km s-min=11.7km az=126.0

NINC 08 11:15:16.2-3.7, 51.52N:82.38E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=38.0km s-min=15.4km az=18.0, Suspected Mining explosion.

ISC 08 11:15:04.0-1.5, 51.06N:0.07-84.4E:0.2, h0km, n7, s05/36.7, 3C-3D, Northwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, ZALV, ZALV, KURK, KURK, KURBB, KURBB, KURBB, MK31, MK31, MKAR, MKAR, EST 08 11:16:45.1-0.1, 59.22N:27.88E, h0km, ML1.6(HEL), LVSN 08 11:16:45.1-1.1, 58.58N:27.09E, h0km, 28km, ML1.8 HEL 08 11:16:44.5-0.3, 59.25N:28.03E, h0km, ML1.6, Suspected explosion, Baltic States-Belarus-Northwestern Russia

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

Table with columns: TXAR, LR, LR, LR, LR. Includes stations like MMIG, VHRN, VHRN, etc.

Table with columns: LCAR, Iamb, Iamb, Iamb, Iamb. Includes stations like Y45A, SNOW, SNOW, etc.

MEX 08 12:05:55.0, 8.23:90N-108:80W, h12km, MD5.4
NEIC 08 12:05:56.1, 2.8, 23:63N-108:93W, h0.06, h7km, 1km,
mb4.8/152, Ms, 2.0, 4.9/59, Mw5.3/16, Mw5.5/30, Error ellipse:
s-maj=15.1km s-min=8.5km az=193.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm;
Mr:1.35; Ms:8.87; Mw:7.52; Mb:2.47; M0:0.60; Mr:4.32;
Fault plane solution: N6.680000/1016 NP1:
0.134, 0.4000, 0.80, 2.0000, 1.168, 8.3000. NP2:
0.229, 2.6400, 0.80, 3.2000, 1.30, 2.7000. Principal axes: T
9.8927, P1g28.0000, Azm96.0000; N -0.4462,
P1g58.0000, Azm246.0000; P -9.4464, P1g13.0000,
Azm359.0000

WUJZ Wupatki 11.96 350 Pn Pn 12 08 49.5 +1.7
W13A Wupatki 12.01 340 Pn Pn 12 08 47.7 +0.8
DKNS Dickens 12.15 33 Pn Pn 12 08 51.1 +0.8

HLID Halley 20.31 348 P P 12 10 32.5 -0.8
R40A Redoubt 20.33 40 IAMS_20 IAMS_20 12 10 37.2
FLWY Flagg Ranch 20.37 356 P P 12 10 34.4 +0.4

IDC 08 12:05:56.1, 0.7, 23:63N-109:27W, h0km, mb4.3/16,
mbmp4.2/21, ML3.3/5, MS4.8/67 Error ellipse:
s-maj=22.1km s-min=9.4km az=33.0
NEIC 08 12:05:57.23:60N-108:97W, h20km
NEIC 08 12:05:57.23:60N-108:97W, h10km
NEIC 08 12:05:57.23:70N-108:97W, h20km, Moment Tensor Solution. Duration: 287 Moment tensor: Scale 10^17Nm;
Mr:-0.21; Ms:-1.66; Mw:1.88; Mb:-0.30; Mw:0.29; M0:0.76;
Fault plane solution: Mo:1.94000/1017 NP1:
0.309, 8.4000, 0.84, 3.5000, 1.159, 6.4000. NP2:
0.141, 9.9000, 0.89, 7.4000, 1.6, 0.3000. Principal axes: T
2.1592, P1g18.0000, Azm284.0000; N -0.4293,
P1g69.0000, Azm115.0000; P -1.7299, P1g10.0000,
Azm358.0000

S11A Rachel 15.07 339 Pn Pn 12 09 31.9 +1.7
S11A Rachel 15.07 339 Iamb Iamb 12 09 34.4
Q16A Castle Valley 15.28 353 Iamb Iamb 12 09 33.3 +0.3

JCC Jacoby Creek 21.25 327 IAMS_20 IAMS_20 12 18 26.1
YNE Yellowstone No 21.27 358 P Iamb Iamb 12 10 43.1 -0.7
FVM French Village 21.27 44 P Iamb Iamb 12 10 42.0 -1.5

GCMT 08 12:05:59.2, 0.1, 23:85N-109:01W, h16km,
MW5.4/142, Moment Tensor Solution. s119c183;
s142c271; Duration: 152 Moment tensor: Scale 10^17 Nm;
Mr:-0.14; Ms:0.02; Mw:-1.46; Mb:0.2; Mw:1.60; 0.02;
Ms:-0.25; 0.05; Mw:-0.38; 0.01; Mw:0.09; 0.04; Best double couple:
Mo:1.60000/1017 NP1:0.128, 0.0000, 0.86, 0.0000,
1.7, 10.0000. NP2:0.38, 0.0000, 0.80, 0.0000, 1.4, 0.0000.
Principal axes: T 1.6540, P1g4.0000, Azm263.0000; N
-0.1060, P1g79.0000, Azm151.0000; P -1.5470,
P1g10.0000, Azm353.0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

SPR Spring Creek 3 15.92 344 Pn Pn 12 09 41.8 +0.3
TPH Spring Creek 3 15.98 336 P Iamb Iamb 12 09 44.2 -1.5
X37A Clayton 16.04 44 Pn Pn 12 09 43.6 +0.9

YBH Yreka Blue Hor 21.34 331 P P 12 10 44.3 0.0
YBL Yreka Blue Hor 21.34 331 IAMS_20 IAMS_20 12 10 44.3 0.0
YBL Yreka Blue Hor 21.34 331 IAMS_20 IAMS_20 12 10 44.3 0.0

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

Table with columns: TXAR, LR, LR, LR, LR. Includes stations like LHV, LHV, LHV, etc.

Table with columns: LCAR, Iamb, Iamb, Iamb, Iamb. Includes stations like Y49A, BMO, BMO, etc.

8d 12h

2018 OCT

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like Y52A Libburn, WCI Wyandotte Cave, and many others.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like ROSC comp=Z,5.5nm,0.4s, and many others.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like NNA Nana, CUT Chulitna, and many others.

Table of astronomical observations for 2018 OCT, including columns for ID, Name, RA, Dec, Mag, and other parameters. Rows include objects like E18K, B20K, C19K, etc.

Table of astronomical observations for 2018 OCT, including columns for ID, Name, RA, Dec, Mag, and other parameters. Rows include objects like KIRV, OBN, KEST, etc.

Table of astronomical observations for 2018 OCT, including columns for ID, Name, RA, Dec, Mag, and other parameters. Rows include objects like SIV, VNA3, SNA4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JAGI Jagaj, Banyuwa, FAKI Fak Fak, TOLIT Tolitol, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ASAR Alice Springs, ASO1 Alice Springs, MEEK Meekeatharra, QIES Mount Isa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MORW Morawa, MTSU Mount Surprise, OOD Oodnadatta, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TV1H Townsville Ha, INKA Innaminka, NWA0 Narragin (SRO), NWA0 Narragin (SRO), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NWA0 Narragin (SRO), BBOO Buckleboob, SB00 Buckleboob, HTT Hallett, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CMSA Cobar Meteorol, ARPS Mount Arapiles, YNG Young, TOO Toolangi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ACHO3 Calobre, Verag, CALO3 Calobre, CRIS3 El Cristo, Coc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PSOI3 Poesi, PEDI3 Pedasi, DVD David, CHGR2 Aguacate, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BCG2 Palmira, ZANG Zanguenga, Cho, BRU2 Volcan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MLIR3 Monte Lirio, C, FRUJ El Hiral, DJA 08 12:43:34.3, 2.4, 1.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like APSI Ampaña, MPMI Mapaga, LWSI Luwuk, BNSI Bone, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like RUF Ruokolahti, VJF Virojoki, VJF Joensuu, JOF Joensuu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like FIA1 FINES Array S, FIA1 FINES Array S, FIA1 FINES Array S, FIA1 FINES Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like FINES FINES Array B, KAF Kangasniemi, PVF Pernaia, KEF Keuruu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JCH Churui, JTHR Tokachiroh, ERM Ermo, ERM Ermo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JYM2 Yakumo 2, JYM2 Yakumo 2, JYM2 Yakumo 2, JYM2 Yakumo 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JSH Shimam, JSH Shimam, JAH0 Aomorihigashid, JAH0 Aomorihigashid, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JKK2 Kamakawa 2, JKK2 Kamakawa 2, JOB Onbets, JOB Onbets, etc.

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

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

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

DJA 08 12:43:34.3, 2.4, 1.3, S, 12'0E, h10km, M4.0/9, mb4.3/1, ML3.8/9, Sulawesi

IDL 08 12:45:09.3, 0.2, 6.1, 13N, 30.19E, h0km, ML2.1, Explosion HCL 08 12:45:10.8, 1.3, 6.1, 19N, 29.85E, h0km, mbmp3.2/4, ML3.0/4, Error ellipse: s-maj=11.3km s-min=10.4km az=156.0

ISC 08 12:45:07.9, 1.3, 6.1, 07N, 0.06, 30.08E, 0.06, h0km, n17, a1582.25, Finland-Karelia border region

ARCES ARCESS Array B, 8.71 349 Pn Pn 12 47 14.6 -0.4

NOA NORPAR Array B, 9.14 278 Pn Pn 12 47 18.2 -2.7

ARCES ARCESS Array B, 8.71 349 Pn Pn 12 47 14.6 -0.4

AKASA Malin Array B, 10.0 183 Pn Pn 12 47 37.1 -1.0

NIED 08 12:53:58.8, 42'63N, 141'96E, h32km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1: 1.7, M2: 0.87, M3: -2.57, M4: 1.07, M5: 0.05, M6: 2.42; Fault plane solution: M3, 3.46000x10^15 NP1: 2.1, 0.00000, 3.72, 0.00000, 1.10, 0.00000. NP2: 0.151, 0.00000, 8.26, 0.00000, 1.43, 0.00000

JMA 08 12:53:58.8, 0.1, 42'6N, 0.4, 142'0E, 0.4, h32km, 1km, MFD 3/40, MW4.5/40, ISHIKARI DEPRESSION

JMA Felt 3/11 at ISHIKARI DEPRESSION

NEIC 08 12:53:59.3, 1.4, 42'63N, 0.06, 142'0E, 0.1, h34km, 2km, mb4.6/81, Error ellipse: s-maj=11.0km s-min=8.5km az=102.0

ISC 08 12:53:58.4, 0.6, 42'60N, 0.03, 141'92E, 0.02, h32km, 3km, n307, s1818/307, mb4.5/97, MS3.6/4, 8C-20D, Hokkaido region

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

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

Shakotan 1.30 306 A 12 54 21.5

JOT Ohta 1.38 208 A 12 54 23.1

JSH Shimam 1.35 272 A 12 54 23.1

JAH0 Aomorihigashid 1.40 198 A 12 54 23.4

JKK2 Kamakawa 2 1.41 25 A 12 54 22.4

JOB Onbets 1.44 77 A 12 54 22.9

JHTS Hiyamasetana 1.52 264 A 12 54 25.1

JAR Ashoroboto 1.52 62 A 12 54 24.1

JSR Shiruioku 1.55 227 A 12 54 25.6

ASAJ Asahikawa 1.59 18 Pn 12 54 24.6 +0.3

ASAJ Asahikawa 1.59 18 Pn 12 54 24.5

ASAJ Asahikawa 1.59 18 Pn 12 54 25.1 +0.8

JKA Kamikawa-asahi 1.59 18 Pn 12 54 25.1 +0.8

JKA Kamikawa-asahi 1.59 18 Pn 12 54 25.1 +0.8

JARK Aomorirokkasho 1.64 195 A 12 54 26.9

JMP Maruseppu 1.75 36 A 12 54 27.4

JOM Oshimamatsume 1.79 234 A 12 54 29.1

JSS Shosan 1.80 358 A 12 54 28.3

JS2 Shiura 2 1.91 217 A 12 54 30.9

JTM Tenabayashi 1.92 200 Pn Pn 12 54 30.1 +1.3

JTM Tenabayashi 1.92 200 Pn Pn 12 54 30.7 +1.9

JYK Yuzh-Kuril'sk 3.21 62 Pn Pn 12 54 47.3 +0.8

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

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YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

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YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

YUK YUK 3.21 62 Pn Pn 12 54 50.0

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like TYV, GRNR, JHJ, and others.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like MKAR, G21K, MAZK, and others.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like WBO, WRA, OBN, and others.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CONRAD OBSERVA, ROSALIA AUSTR, GERES ARRAY B, RAYN AR RAYN, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AOE Aiquele, SOET ToroToro, BBOE La Paz, etc.

IDC 08 13:43:06.5-15.0, 16:62S-175:84W, h163km, 135km, mb3.7/4, mbtmp4.1/4, Error ellipse: s-maj=140.5km

NEIC 08 13:43:19.2-0.5, 17:05S-175:7W, 0.2, h296km, 31km, mb4.2/12, Error ellipse: s-maj=63.7km s-min=2.6km az=209.0

ISC 08 13:43:19.6-0.9, 17:05S-175:8W, 0.1, h300km, n19, r1505/21, mb3.9/10, Tonga Islands

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

IDC 08 13:55:13.5-0.6, 5:52S-152:81E, h0km, mb4.2/20, mbtmp4.2/21, ML2.3/1, MS3.7/2, Error ellipse: s-maj=21.3km s-min=14.0km az=97.0

NEIC 08 13:55:15.7-1.5, 5:56S-152:9E, 0.1, h10km, 1km, mb4.7/44, Error ellipse: s-maj=18.7km s-min=12.1km az=95.0

ISC 08 13:55:19.0-0.5, 5:54S-152:86E, 0.09, h37km, n75, r0577/63, mb4.6/41, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PLK4 White Mountain, G18K Tagagawik, G19K Purcell Mountain, etc.

SSNC 08 14:02:40.1-2.0, 8:20S-132:7W, h20km, 12km, MD2.9, ML2.6

SDD 08 14:02:43.1-2.2, 2:0208N-72:96W, h80km, 33km, MD3.0, ML2.9, MW3.0

ISC 08 14:02:38.8-1.4, 19:98N-107:72.97W, 0.03, h8km, 11km, n22, e253/42, 6C-5D, Haiti region

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

SSNC 08 13:15:55.3-1.3, 19:93N-72:77W, h26km, 31km, MD2.9, ML2.1

SDD 08 13:15:57.5-1.8, 2:000N-73:06W, h70km, 61km, MD3.3, ML2.5, MW2.7

ISC 08 13:15:54.9-1.3, 19:95N-0:08-72:95W, 0:03, h10km, 11km, n15, e200/21, 8C-1D, Haiti region

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

SCB 08 13:38:59.9-1.0, 17:03S-64:73W, h22km, 7km, ML3.2/1, MW3.9, Error ellipse: s-maj=5.4km s-min=4.3km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOAC Moa, MOAC MOAC, MOAC comp=N,36nm,0.1s, etc.

IDC 08 14:18:02.9.0.6, 23.64N-143.85E, h0km, mb4.0/16, mbmp3.9/18, ML3.1/2, MS3.2/1, Error ellipse: s-maj=22.0km s-min=15.6km az=79.0 NEIC 08 14:18:05.2.1.1, 23.59N-143.85E, h10km, 1km, mb4.5/36, Error ellipse: s-maj=24.6km s-min=15.9km az=85.0

IDC 08 14:18:04.7.0.6, 23.65N-143.77E, h10km, n69, o95/69, mb4.4/34, Volcano Islands region

Main table of station data for the left column, including stations like CJC Chichijima, MJAR Matsushiro Arr, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like L27K comp=Z,4.1nm,1.4s, BCAR Beaver Creek, etc.

HEL 08 14:38:51.3.0.1, 61.16N-30.15E, h0km, ML2.4, Explosion IDC 08 14:38:52.0.9.6, 61.20N-30.26E, h0km, mb3.3/2, mbmp3.6/7, ML3.5/5, MS2.8/1, Error ellipse: s-maj=11.4km s-min=10.5km az=8.0

HEL 08 14:38:52.7.4.2, 61.16N-30.03E, h0km, ML2.3, ML2.4(HEL), Suspected explosion

UPP 08 14:38:52.6.2.8, 61.00N-29.95E, h0km, ML2.0 IDC 08 14:38:49.7.0.8, 61.10N-30.00E, h0km, n45, o25/173, Finland-Karelia border region

Main table of station data for the middle column, including stations like RUF Ruokolathi, FIAO FINESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES comp=Z,0.4nm,0.3s, baz=166, slow=21, SNR=2.1, KEV Kevo, etc.

IDC 08 14:44:06.0.4.7, 18.05S-178.18W, h565km, 26km, mb2.8/3, mbmp3.7/4, Error ellipse: s-maj=142.3km s-min=68.1km az=154.0, Fiji Islands region

IDC 08 14:44:44.7.0.6, 23.64N-143.89E, h0km, mb4.2/13, mbmp4.1/15, ML3.4/2, MS3.0/2, Error ellipse: s-maj=22.3km s-min=15.9km az=87.0

NEIC 08 14:44:46.9.1.2, 23.61N-143.89E, h12km, 5km, mb4.7/27, Error ellipse: s-maj=15.5km s-min=13.9km az=58.0

JMA 08 14:44:49.2.0.2, 24.14N-144.14E, h61km, MV4.8/18, FAR E OFF OGASAWARA

IDC 08 14:44:49.0.0.6, 23.72N-170.07-143.8E, h01, h28km, n65, o131/67, mb4.5/27, Volcano Islands region

Main table of station data for the right column, including stations like JHH2 Haha-jima-NKT2, MAJO Matsushiro, etc.

8d 14h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ILAR Eielson Array, J25K Salchu River, BMAR Burnt Mountain, etc.

IDC 08 14:45:44.8,0.8,6:52N,72:72W, h168km,6km, mb3.4/1, mb1mp4.3/4, Error ellipse: s-maj=57.9km s-min=7.4km az=132.0

NEIC 08 14:45:44.7,0.6,6:52N,0.1x72:72W,0.1, h173km,13km, mb4.1/7, Error ellipse: s-maj=21.0km s-min=12.0km az=141.0

RSNC 08 14:45:47.1,0.0,7°N,1°7'3"W, h143km,2km, M3.3, mb4.0, mb4.3, ML3.1, Mw(mb)3.4

ISC 08 14:45:46.1,0.8,6.84N,0.03x73:13W,0.03, h147km,6km, n61.1, r179/87, mb4.1/6, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like BARC Barichara, BRUC Barrancabermeje, PAMC Pamplona, etc.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, O3ON Mendhallen, A36M Sachs Harbour, etc.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, SFK Sufi-Kurgan, SALK Salom-Alik, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, CHMS Chumysh, CHMS Chumysh, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ZHN, ZHN, ZHN, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KAPS, KAPS, KAPS, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BHPL, AKTO, AKTO, etc.

Table with columns: VSR, Station Name, Time, Az, El, P, M, L, R, S, Res. Includes stations like Storozhevoye, Anapa, Chiang Mai Arr, Ar Rayn, etc.

Table with columns: KHC, Station Name, Time, Az, El, P, M, L, R, S, Res. Includes stations like Kasperske Hory, KHC, NORSAR Array S, etc.

Table with columns: Code, Station Name, Time, Az, El, P, M, L, R, S, Res. Includes stations like DAV, Davao City (W), Davao City (W), etc.

ISN 08 14:53:55.6:0.4,34:63N:46:35E, h10km:4km, ML3.0
TEH 08 14:53:56.2,34:63N:46:35E, h8km:24km, ML2.9
ISC 08 14:53:56.3:1.1,34:66N:0:05:46:38E:0:04, h9km:5gkm, n15, +05719, Western Iran

8d 15h

Table with columns: JOB, Name, Time, Res, and various codes. Includes entries for CHURU, KAMIKAWA-ASAH, ERIMO, YUZH-SAKHALINS, etc.

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Main table with columns: BURAR, GERES, LPIG, SADO, MMAI, H03N2, H03N3, H03N1, BELA, etc. Includes station names, times, and residuals.

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Table with columns: REDR, QMBU, QMBU, QMBU, QMBU, QMBU, etc. Includes station names, times, and residuals.

Table with columns: JMM, JSD, JNU, JTRS, JKSRS, ASAJ, JKA, USRK, H1N2, H1N1, H1N3, H1S3, H1S1, H1S2, CMAR, ZALV, WBO, WRO, WRAB, WBS, WRA, WRO, FITZ, MKAR, MKAR, MKAR, J17K, N17K, N17K, KURBB, H18K, H18K, ASAR, ASAR, C19K, C19K, H19K, N19K, N19K, E19K, B21K, B21K, D23K, D23K, ILAR, BVAR, BMAR, F26K, F26K, I28M, I28M, G29M, EPYK, G30M, G30M, G31M, INK, INK, ABKAR, C36M, C36M, FINES, FINES, NVAR, HFS, PDAR, H03N3, H03N3, H03N1, LPAZ

Table with columns: JOKE, JOKE, JTK, JTK, JIH, JIH, JAMN, JAMN, JYRO, JYRO, JOW, JOW, JAM, JAM, JTAJ, JTAJ, JNTH, JNTH

Table with columns: JAGN, JUT3, JNT3, JNU, KRSR, JHJ, USRK, ASAJ, DAV, GUMO, KLR, SONM, SONM, CMAR, PETK, YAK, MA2, MKAR, MKAR, KURBB, TIXI, NRIK, WRA, WRA, ASAR, KIRV, FINES, RES, HFS, NOA

TAP 08 16:45:03.8, 25°11'N, 122°70'E, h153km, 1km, ML2.8, D JMA 08 16:45:04.4, 0.3, 25°N, 4.4, 122°7E, 0.8, h155km, MV2.0/8, NW OFF ISHIGAKIJIMA IS

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

Table with columns: JJI, ETM, ETM, TEYL, TEYL, LXIB, LXIB, LXIB, LIOB, LIOB, WHF, WHF, NSTT, NSTT, NSTT, JISG, JISG, TWT, TWT, SHUL, SHUL, ESL, ESL, ESL, OWD, OWD, OWD, WHP, WHP, WUSB, WUSB, WARB, WARB, EGFG, EGFG, EGFG, WCS, WCS, WCS, HGSD, HGSD, SSSL, SSSL, SSSL, TYC, TYC, TYC, YULB, YULB, YULB, YULB, EYUL, EYUL, EYUL, TWF1, TWF1, TWF1, WHYT, WHYT, WHYT

ZUR 08 17:18:42.3, 46°35'N, 7°44'E, h2km, 1km, MLH0.7/8, 3C, Error ellipse: s-maj=3006.2km s-min=1073.8km az=175.0, Switzerland

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

IDC 08 17:18:42.4, 1.2, 39°14'N, 110°63'E, h0km, mb3.1/5, mbmp3.5/6, ML2.8/1, MS3.3/21, Error ellipse: s-maj=51.5km s-min=22.6km az=71.0

NIED 08 16:10:52.7, 28°10'N, 128°06'E, h7km, MW4.2, Moment Tensor Solution. s3 Moment tensor: scale 10^15Nm; Mn:0.21; M0:1.64; M0:1.85; M0:0.30; M0:0.04; M0:0.98; Fault plane solution: M1.98000x10^15 NP1: az=226.00000°, s84.00000°, A-154.00000° NP2: s=133.00000°, s65.00000°, A-5.00000°

JMA 08 16:10:52.7, 6.29°1N, 0.5128°E, 15.0°E, h7km, 2km, MV3.6/13, NW OFF OKINAWAJIMA IS

ISC 08 16:10:52.4, 1.6, 28°06'N, 0°05'128.03E, 0°05', h8km, 10km, n35, c1509/25, mb3.3/5, MS3.3/16, Ryukyu Islands

STR 08 17:18:01.3, 0.4, 45°N, 2°E, h5km, MLv1.5/7, Error ellipse: s-maj=0.0km s-min=0.0km az=100.1, preliminary LDG 08 17:19:00.6, 0.1, 45°44'N, 6°33'E, h2km, MD1.8/2, MI2.0/2, Error ellipse: s-maj=2.6km s-min=1.6km az=117.0, France

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

Table with columns for station call letters, frequency, and signal strength. Includes stations like MA2, BJT, YAK, SEY, SHEM, SONM, BILL, MOY, GUMO, TIXI, H112, H111, H113, H115, H113S, H112S, DGZ, DAV, ZAAO, ZALV, CNBA, G18K, E19K, H19K, B20K, J19K, K20K, MK31, MKAR, G21K, MA2K, MAZK, PHRA, SYI, KDAK, WB2, KDAK.

Table with columns for station call letters, frequency, and signal strength. Includes stations like KDAK, KURK, KURK, KURKB, KURBB, G23K, SUA, E23K, TOLK, H23K, CMAR, I23K, D24K, D24K, C24K, NEA2, E24K, F24K, H24K, H24K, WRH, CCB, KNK, SML, I24K, ILAR, ILAR, ILAR, F25K, F25K, C27K, C27K, F26K, F26K, FAKI, M26K, M26K, BERG, BERG, BCAR, M27K, M27K, BVAR, BVAR, BVAR, BVAR, I28M, I28M, E29M, AAK, AAK, ARLS, ARLS, K29M, K29M, I30M, I30M, INK, INK, INK, INK, G31M, G31M, ARSB, ARSB, ARSB, ARSB, K29M, K29M, K29M, K29M, TRKS, TRKS, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, CHGR, CHGR, SIMJ, SIMJ, DLBC, DLBC, ABKAR, ABKAR, KIRV, KIRV, KIRV, KIRV, WB2, WB2, WRA, WRA.

Table with columns for station call letters, frequency, and signal strength. Includes stations like WRA, WRA, OBN, OBN, OBN, OBN, FINES, FINES, AKT, AKT, ASAR, ASAR, KIV, KIV, KIV, KIV, KBZ, KBZ, KBZ, KBZ, HFS, HFS, NB2, NB2, NB2, NB2, AKASG, AKASG, AKASG, AKASG, AKKB, AKKB, NVAR, NVAR, PDAR, PDAR, KWP, KWP, BUR08, BUR08, BURAR, BURAR, BURAR, BURAR, KOLS, KOLS, KOLS, KOLS, ULM, ULM, MTPU, MTPU, LANS, LANS, LANS, LANS, MORC, MORC, MORC, MORC, KRLC, KRLC, KRLC, KRLC, HMU, HMU, HMU, HMU, VYHS, VYHS, VYHS, VYHS, CLL, CLL, CLL, CLL, CLL, CLL, JAVC, JAVC, VRAC, VRAC, VRAC, VRAC, KRUC, KRUC, KRUC, KRUC, BZS, BZS, BZS, BZS, KHC, KHC, KHC, KHC, EKA, EKA, EKA, EKA, GRFO, GRFO, GRFO, GRFO, MMAI, MMAI, MMAI, MMAI, DAVOS, DAVOS, TXAR, TXAR, TXAR, TXAR, SSPA, SSPA, SSPA, SSPA, QSPA, QSPA, QSPA, QSPA, SNA, SNA, SNA, SNA, SNA, SNA, SNA, SNA, SNA, SNA.

ISC 08 17:58:32 1e6.3.23172N:144°168E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=255.4km s-min=22.5km az=77.0
ISC 08 17:58:40 0.9.1.2355N:06.14414E, h35km,n7,r,0928/6, mb3.6/6, Volcano Islands region
Code Station Name Az Phase ID Time Res

8d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array.

IDC 08 17:58:43.7±13.0, 6.88S×126.02E, h620km±214km, mb27.4, mbtmp3.8/6, Error ellipse: s-maj=174.8km s-min=75.5km az=62.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 08 18:05:05.1±4.6, 24.34N×124.40E, h0km, mb3.7/3, mbtmp3.7/4, ML3.6/1, MS3.0/1, Error ellipse: s-maj=224.5km s-min=25.4km az=98.0

JMA 08 18:05:16.0±0.1, 25.1N±1.23, 123.4E±0.4, h132km±2km, MV2.8/18, NW OFF ISHIGAKI IMA IS

IDC 08 18:05:18.3±1.2, 25.1N±0.2, 123.45E±0.06, h117km±17km, n17, c0569/26, mb3.7/3, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, IRIF Iriomote-Funau, JISG Ishigakijimahi, KJRS Kuroshima, HATJ Hateruma jima, TJT Tarama, JIRB Irabujima, IKJM Ikemajima, JMJ2 Miyako jima3, JOGS Guskubete, KSR5 Korea Array.

IDC 08 18:10:14.1±1.3, 23.59N×143.92E, h0km, mb3.7/8, mbtmp3.7/8, Error ellipse: s-maj=42.8km s-min=20.4km az=82.0

IDC 08 18:10:18.3±1.3, 23.6N±0.2, 143.9E±0.3, h28km±9, c0599/8, mb3.7/8, Volcanic Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCJ Chichijima, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array, BVAR Borovoye Array.

IDC 08 18:27:12.3±2.2, 33.51N×141.85E, h0km, mb3.3/3, mbtmp3.2/4, ML 1.9/1, Error ellipse: s-maj=34.1km s-min=27.7km az=71.0

JMA 08 18:27:15.7±0.3, 33.6N±0.8, 142.2E±0.1, h71km, MV2.7/20, E OFF HACHUJIMA ISLAND

IDC 08 18:27:17.3±1.6, 33.51N±0.07, 141.8E±0.1, h34km±13, c081/15, mb3.3/3, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, HJH Hachijo jima 2, JHU Hachijo jima, JMKM Mikurijimahi, JAOM Agogashimamukai, JIM2 Oshima 3, JOD2 Odawara 2, JYN Shimob, JRY Ryogami san, MJAR Matsuhiro Arr, MJAR Matsuhiro Arr, SONM Songoing Array, MKAR Makanchi Array, WRA Warramunga Arr.

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KRSC 08 18:55:52.3±0.7, 48.34N×157.38E, h5km±15km, ML3.6, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, KRDR Khodutka, UGLR Uglovaya, AVH Avyacha, KOK Koryakka, SDLR Sedlovina, KRER Koryakskii, KRX Krik.

FUNV 08 18:59:11.8, 10.95N±62.16W, h107km, MW3.6, IDC 08 18:59:20.1±1.6, 10.87N±0.05, 62.22W±0.05, h116km±16km, n17, c01974/31, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN Trinidad T, GRFF Grenada Fort F, GRFR Grenville, GRWR Mount Saint Ca, GRHS Sauteurs, GRHS Sisters, GCMP Grenada, Carri, SVT Saint Vincent, PCRV Puerto La Cruz, PCRV Puerto La Cruz, SVB Belmont, MERV Las Mercedes, MERV Luepa, LUV Bein, CAICARA DEL OR, CACV CACV, BAUV El Baul, BAUV El Baul.

UPP 08 19:02:22.7±2.5, 63.53N±26.20E, h0km, ML1.6, HEL 08 19:02:21.5±0.1, 63.72N±26.11E, h0km, ML1.3, Suspected explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIF Nilsia, OUF Merijarvi, OUF Sumiainen, OBF0 Syolatti, Pyha, OBF0 Vikela, Lumij, OBF4 Ylistaro, VAF Ylistaro, VAF FINESS Array S, FIAO FINESS Array S, FIAO Ranua, UMEA Umeaa, UMAU Umeaa, ODEU Stanfors, JOF Joensuu, MSF Maaseela, SJUU Sjuksmark, KPF Kankaanpaa, KU6 Riikki, NUR Nurmijarvi, VRF Vario.

IDC 08 19:12:50.9±10.0, 2.61S±101.66E, h201km±87km, mb3.1/9, mbtmp3.6/9, Error ellipse: s-maj=107.5km s-min=11.8km az=56.0

IDC 08 19:12:50.3±2.4, 2.75S±101.6E±0.6, h200km±10, c012/10, mb3.4/9, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, BVAR Borovoye Array, NVAR Mina Array Bea.

PRU 08 19:49:02.4, 49.82N±18.56E, h0km, Czech and Slovak Republics

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, MORC Liptovska Anna, LANS LANS, JAVS Veika Javorina, KRCL Krailky, VYHS Vyhne, VYHS Vranov, DPC Dobruska-Polom, KRUC Moravsky.

BGR 08 19:51:53.9, 36.06N±143.55E, h33km, mb4.7, IDC 08 19:51:55.2±0.5, 37.26N±141.68E, h0km, mb4.3/25, mbtmp4.2/32, ML3.5/7, MS4.1/54, Error ellipse: s-maj=14.4km s-min=12.2km az=110.0

JMA 08 19:51:57.3±0.2, 37.3N±0.5, 141.2E±0.1, h34km±2km, MD4.9/38, MW4.7/38, E OFF FUKUSHIMA PREF

JMA 08 19:51:57.3±0.2, 37.3N±0.5, 141.2E±0.1, h34km±2km, MD4.9/38, MW4.7/38, E OFF FUKUSHIMA PREF

MOS 08 19:51:57.3±0.2, 37.3N±0.5, 141.2E±0.1, h34km±2km, MD4.9/38, MW4.7/38, E OFF FUKUSHIMA PREF

NIED 08 19:51:57.3±0.2, 37.3N±0.5, 141.2E±0.1, h34km±2km, MD4.9/38, MW4.7/38, E OFF FUKUSHIMA PREF

GCMT 19:52:02.3±0.3, 37.31N±0.02, 141.66E±0.03, h12km, MW4.8/38, Moment Tensor Solution, s30, c40, s88, c142, Duration: 0, Moment Tensor Scale 1016Nm, Mw0.84±0.5, Mw0.43±0.6, Mw0.44±18, Mw1.2±0.4, Mw1.1±2±18, Best double couple: M2.05600±1016

NP1: 0.206, 0.00000, 0.65, 0.00000, 0.1, -120.00000, NP2: 0.60, 0.00000, 0.38, 0.00000, 0.1, -43.00000

Bull 08 19:51:59.0, 37.39N±141.31E, h13km, mb4.5/57, mb4.7/26, MS4.6/54, MS7.4/45/3

GCMT 19:52:02.3±0.3, 37.31N±0.02, 141.66E±0.03, h12km, MW4.8/38, Moment Tensor Solution, s30, c40, s88, c142, Duration: 0, Moment Tensor Scale 1016Nm, Mw0.84±0.5, Mw0.43±0.6, Mw0.44±18, Mw1.2±0.4, Mw1.1±2±18, Best double couple: M2.05600±1016

NP1: 0.206, 0.00000, 0.65, 0.00000, 0.1, -120.00000, NP2: 0.60, 0.00000, 0.38, 0.00000, 0.1, -43.00000

NEIC 19:52:02.3±0.3, 37.37N±0.05, 141.52E±0.09, h35km±1km, mb4.7/75, Error ellipse: s-maj=11.8km s-min=9.2km az=281.0

IDC 08 19:51:59.1±0.6, 37.37N±0.04, 141.59E±0.04, h23km±3km, h23km±3km, n180/327, mb4.6/147, MS4.2/66, 12C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFK Kawauchi, JFM Minamisomatoc, JMAJ lwakimizuishiy, JMM Marumori, JMM Marumori, JFFD Fukushimaarr, JOTO OTAMA OYAMA, JIO Ouri, JJO Ouri, JHO Hitachi, JOU Okura, JYAR Yonezawaaracadi, JHYU Hitachinakayama, JOFO Osakifurukawao, JSB Shioaba, JKMT Kesennunumattopy, JYS Shirataka, JFY Yanaizu, JYT Yasato, JMK Ichinoseki, JIHU Itakohorinaka, OFUJ Ofunato, JYK Kaneyama, JNS Sasagawa, JYA Atsumi, JAG Ashikaga, JKAT Katashina, JUON Uonuma, JYJY Yamaqatayusa, JOM Ohasama, JAW Awa shima, JRG Rokujo, MIJY Miyajima, JIZZ Izumozaki, JYS Yuwa, JTB Tobi-shima, JGK Kuni, JRY Ryogami san, JTH Tanohata, JSGW Sagamiharawaka, JKZ Kuzumaki, JSD Sado, JSD Sado, JNN Nakama, MJAR Matsuhiro Arr.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MJAR, MAJO, JKEN, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like OKH, HEH, SSE, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like YAK, SEY, XAN, etc.

Table with columns for location (e.g., CMAR, L14K, ZAA0), name (e.g., Chiang Mai Arr, Zalesovo Beam), coordinates (e.g., 41.72 255), and status (e.g., P, I, A, L, R).

Table with columns for location (e.g., J19K, O18K, Q18K), name (e.g., Poorman, Koktuh Hills, Katma Hardscr), coordinates (e.g., 45.33 33), and status (e.g., P, I, A, L, R).

Table with columns for location (e.g., POKR, M23K, SCM), name (e.g., POKR, Glacier View, Sheen Creek Mo), coordinates (e.g., 48.89 32), and status (e.g., P, I, A, L, R).

8d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include WRA Warramunga Arr 61.03 99 P, BRTR Keskin Arr B 73.30 333 P, HEL 08:20:12:00:6:0.2,67.85N:33.66E, h0km, ML1.5, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include FITZ Fitzroy Crossi 45.24 265 LR, NWA0 Narrogin (SRO) 51.30 244 LR, JHU Haeji Lima 2 62.50 328 LR, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include CTA Charters Tower 17.15 153 LR, CTAO Charters Tower 17.15 153 Pn, FITZ Fitzroy Crossi 17.84 222 P, etc.

NEIC 08:20:22:15.9:0.9,20.7S:0.1:173.73E:0.09, h10km, 1km, mb4.6/8, Error ellipse: s-maj=25.8km s-min=12.9km az=346.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KUA Kuravaara 0.12 26 P, KUK KUK 0.23 264 P, RATU Laukkulupsa 0.23 264 P, etc.

KRSC 08:20:23:36.8:1.6,46.31N*157.39E, h8km, 39km, MI3.6, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include SKR Severo-Kuril's 2.51 341 eP, SKR SKR 2.51 341 eS, KDTR Khodutka, Kamc 3.53 7 eP, etc.

IDC 08:20:22:16.3:1.1, 20.81S: 173.36E, h0km, mb4.0/6, mbmp4.0/7, ML2.9/1, MS3.9/36, Error ellipse: s-maj=39.0km s-min=25.7km az=158.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include MSVF Nonsavu 5.07 56 P, MSVF Nonsavu 5.07 56 LR, PINZ Pines Island, 6.10 250 Pn, etc.

IDC 08:20:53:15.7:0.7,4.76S:137.92E, h0km, mb4.2/9, mbmp4.2/13, ML4.1/3, MS2.9/4, Error ellipse: s-maj=40.4km s-min=17.0km az=73.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include GENI Genyem 3.15 44 P, GENI Genyem 3.15 44 Pn, GENI Genyem 3.15 44 P, etc.

KURK Kurchatov 75.05 326 P, KURKB Kurchatov Arr 75.05 325 P

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include GAR Garm 75.97 312 P, GAR Garm 75.97 312 Iamb, CHGR Chuyangarr 76.72 311 P, etc.

ISC 08:20:22:19.5:0.7,20.7S:0.1:173.66E:0.10, h35km, n62, 152/30, mb4.1/11, MS4.0/33, 3C-1D, Vanuatu Islands region

IDC 08:21:02:46.8:3.4:3.7S:102.00E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=152.6km s-min=22.7km az=53.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include LWLI Liwa 1.72 125 P, LWLI Liwa 2.37 129 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, BVAR Borovoye Array.

IDC 08 21:03:25.9, 1.0, 0.83S, 120.41E, h0km, mb3.7/6, mbmp3.7/7, ML3.5/1, Error ellipse: s-maj=60.7km s-min=17.7km az=69.0

DJA 08 21:03:28.0, 0.3, 1.2, S2x12.0E, h10km, M4.1/1, mb1.4/3, MLv4.0/1

ISC 08 21:03:30.7, 0.9, 0.87S, 0.05, 119.96E, 0.07, h28km, n13, z=210/16, mb3.8/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MPSTI Mapaga, MPSTI Ampana, AFSI Ampana, AFSI Ampana, LUIWI Luwuk, BNSI Bone, KAPI Kappang, KAPI Kappang, BKSI Bulukumba, SANI Sanana, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BVAR Borovoye Array.

IDC 08 21:04:01.9, 3.1, 2.313N, 144.76E, h0km, mb3.4/3, mbmp3.5/3, Error ellipse: s-maj=131.2km s-min=29.1km az=78.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KRSR Korea Array, WRA Warramunga Arr, ASAR Alice Springs, FINES FINESS Array B.

BUI 08 21:15:40.7, 1.3, 37Sx120.61E, h10km, mb4.6/56, mb4.8/19, MS4.4/44, MS7.4/246

IDC 08 21:15:42.5, 0.5, 1.07S, 119.98E, h0km, mb4.3/23, mbmp4.3/24, ML3.4/1, MS4.9/1, Error ellipse: s-maj=25.2km s-min=12.6km az=71.0

NEIC 08 21:15:46.4, 1.7, 0.90S, 0.02, 119.97E, 0.06, h10km, 1km, mb4.9/44, Mw4.8/13, Error ellipse: s-maj=9.7km s-min=4.2km az=287.0

DJA 08 21:15:47.7, 0.2, 1.2, S2x12.0E, h10km, M5.0/25, mb5.1/25, mb5.4/17, MLv5.3/18, Mw(mB)4.8/17, MwMwp4.6/2, Mwp5.0/2

GCMT 08 21:15:54.0, 0.3, 0.87S, 0.02, 120.04E, 0.03, h27km, 1km, MW4.8/91, Moment Tensor Solution. s23,c26; s91,c125; Duration: 0 Moment tensor: Scale 10^18Nm; Mr: -1.48E-14; Mw: 1.57E-08; Mbb: 0.08E-10; Mlo: 1.40E-13; Mbo: 1.25E-05; Mr: -0.05E-18; Best double couple: ML=2.37900x10^16 NP1: 278.00000, 366.00000, -114.00000. NP2: 0: 145.00000, 333.00000, -48.00000. Principal axes: T: 6.990, Plg: 17.0000; Azm25.0000; N: -0.5060, Plg22.0000; Azm28.0000; P: -2.1230, Plg62.0000; Azm151.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 08 21:15:48.3, 0.3, 1.00S, 0.04, 119.99E, 0.06, h28km, n170, z=185/176, mb4.7/77, MS4.2/15, 5C-1D, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MPSTI Mapaga, AFSI Ampana, TTSI Tana Toraja, TOLII Tolitoli, LUIWI Luwuk, LUIWI Luwuk, SMKI Samarinda, BKB Balikpapan, BKB Balikpapan, BNSI Bone, KAPI Kappang, KAPI Kappang, BKSI Bulukumba, BSSI Bau Bau, BSSI Bau Bau, SANI Sanana, MYLDM Lahad Datu, NLAI Namlea, TNTI Ternate, TNTI Ternate, MMRI Maumere, PLAI Plampang, PLAI Plampang, KMMI Kiliang, SRBI Samarinda, STKI Sintang, WBSI Waikabubak, AAI Ambon, MSAI Masohi, SOEI Soe, SOEI Soe.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BATI Baumata, SWI Sorong, FAKI Fak Fak, FAKI Fak Fak, KDU Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IPM Ipoh, KULM Kulim, GIRL Giralia, GIRL Giralia, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GSI Gunungstilo, GSI Gunungstilo, WBO Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WBS2 Warramunga Arr, WBS2 Warramunga Arr, WRO Warramunga Arr, WRO Warramunga Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LHMI Lhok Sumawe, YULB Yu-li, YULB Yu-li, WRKA Warkana, MEEK Meekatharra, AS31 Alice Springs, AS31 Alice Springs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, COEN Coen, QIS Mount Isa, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GYA Guiyang, GYA Guiyang, GYA Guiyang, GYA Guiyang, GYA Guiyang.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WHN Wuhan, WHN Wuhan, PZH Panzhihua, PZH Panzhihua, PZH Panzhihua.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ENH Enshi, ENH Enshi, NJ2 Nanjing, NJ2 Nanjing, TNCH TengChong, TNCH TengChong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TNCH TengChong, TNCH TengChong, TNCH TengChong, TNCH TengChong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RKG Rocky Gulpie, RKG Rocky Gulpie, QLP Gulpie, QLP Gulpie.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BBOO Bucklebo, BBOO Bucklebo, CD2 Chengdu, CD2 Chengdu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like XAN Xi'an, XAN Xi'an, XAN Xi'an, XAN Xi'an.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like XAN Xi'an, XAN Xi'an, XAN Xi'an, XAN Xi'an.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HTT Hallett, HTT Hallett, STKA Stephens Creek, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JMN Monobe, JMN Monobe, SHL Shillong, SHL Shillong.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNS HongShan, HNS HongShan, HNS HongShan, HNS HongShan.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNS HongShan, HNS HongShan, HNS HongShan, HNS HongShan.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KSAR Wonju Array B, KSAR Wonju Array B, KRSR Korea Array, KRSR Korea Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LZH, LZH, LZH, HNR Honiara, ARPS Mount Arapiles, BJT Majiatauu, BJT Majiatauu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BJI Beijing, BJI Beijing, BJI Beijing, BJI Beijing.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAJO Matushiro, MJAR Matushiro Arr, LSA Lhasa, LSA Lhasa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HHC Hu-hao-te, HHC Hu-hao-te, HHC Hu-hao-te, HHC Hu-hao-te.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BTO Baotou, BTO Baotou, BTO Baotou, BTO Baotou.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BTO Baotou, BTO Baotou, BTO Baotou, BTO Baotou.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Canberra, CAN Canberra, CAN Canberra.

Table listing station information for the left column, including call letters (e.g., CCCA, DTP), name (e.g., Chr Cany lake), coordinates (lat/lon), and status (e.g., Pg, Sg). Includes a sub-section for IDB 08 21:33:45.1, 5.06S, 145.91E, h 10km, mb3.4/4.

Table listing station information for the middle column, including call letters (e.g., TORO, ABKA), name (e.g., Torodi Ar. Bea), coordinates (lat/lon), and status (e.g., P, Iamb). Includes a sub-section for IDB 08 21:41:53.1, 0.6, 3.352N, 139.91E, h 110km, mb3.8/16.

Table listing station information for the right column, including call letters (e.g., G31M, INK), name (e.g., Satah River), coordinates (lat/lon), and status (e.g., P, Iamb). Includes a sub-section for NEIC 08 21:44:12.4, 1.5, 34.386N, 0.007, 119.226W, 0.010.

8d 22h

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like C23K, C19K, C27K, B20K, B22K, C31M, DLBC, KSRS, SONM, MKAR.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like PAMC, PAMC, RUSC, PTEC, CMAN1, CMAN1, GARC, GARC.

RSNC 08 22:31:52.6,0.0,7N,4.73W, h131km,6km, mB4.5, ML1.9, Mw(mB)3.7, Northern Colombia

IDC 08 22:40:25.4+0.0, 6.10N, 126.38E, h0km, mB4.1/20, mbtmp4.1/20, Error ellipse: s-maj=28.5km s-min=13.8km az=74.0

NEIC 08 22:40:28.8+1.9, 10.53N, 0.09E, 126.4E, 0.1, h10km, 1km, mB4.7/28, Error ellipse: s-maj=23.2km s-min=14.9km az=97.0

ISC 08 22:40:32.1±0.5, 10.44N, 0.07E, 126.4E, 0.1, h44km, n68, 0.85/67, mB4.5/34, Philippine Islands region

Code Station Name Az El Pn Pn Time Res. Includes stations like DAV, MYLDM, KSRS, CMAR, FITZ, WRA, WRA.

Code Station Name Az El Pn Pn Time Res. Includes stations like WB2, MBWA, USA0, ASAR, ASAR, KLR.

Code Station Name Az El Pn Pn Time Res. Includes stations like H11S3, H11S1, H11S2, H11N1, H11N2, H11N3.

Code Station Name Az El Pn Pn Time Res. Includes stations like MORW, MORW, SONM, SONM, FORT, FORT.

Code Station Name Az El Pn Pn Time Res. Includes stations like BBOO, BBOO, NWA0, STKA, PEAOB, PETK, PETK.

Code Station Name Az El Pn Pn Time Res. Includes stations like MK31, MKAR, MKAR, MKAR, MKAR.

Code Station Name Az El Pn Pn Time Res. Includes stations like MAKZ, ZALV, ZALV, KURBB.

Code Station Name Az El Pn Pn Time Res. Includes stations like KKAR, BVAR, ABKAR, M17K, M17K.

Code Station Name Az El Pn Pn Time Res. Includes stations like L18K, L18K, O18K, O18K, L19K, L19K.

Code Station Name Az El Pn Pn Time Res. Includes stations like F20K, F20K, IMAR, KDAK, H21K, H21K.

Code Station Name Az El Pn Pn Time Res. Includes stations like D23K, D23K, C23K, C23K, I23K, F24K, ILAR.

2018 OCT

comp=Z,3.5nm,0.8s G29M Pine Creek 82.67 23 P P 22 52 51.7 +0.9

comp=Z,8.2nm,1.4s L29M L29M 83.25 27 P P 22 52 55.8 +1.9

comp=Z,3.5nm,0.8s SPITS Spitsbergen Ar 83.88 349 P P 22 52 57.0 +0.3

comp=Z,6.2nm,0.9s, baz=42, slow=6.7, SNR=2.2 ARCES ARCES Array B 84.08 340 P P 22 52 58.1 +0.2

comp=Z,3.5nm,0.6s, baz=78, slow=6.1, SNR=24 ARCES ARCES Array B 84.08 340 P P 22 52 58.2 +0.3

comp=Z,2.8nm,0.6s BRTR Keskin Array B 85.52 309 P P 22 53 05.8 -0.2

comp=Z,2.8nm,0.6s FINES FINES Array B 85.80 332 P P 22 53 06.2 -0.4

comp=Z,1.8nm,0.8s HFS Hagfors 91.96 332 P P 22 53 35.0 -0.9

comp=Z,1.8nm,0.8s NOA NORRAR Array B 92.66 334 P P 22 53 38.0 -1.2

comp=Z,1.0nm,0.8s TORO Torodi Arr. Bea 120.31 292 PKP P 22 59 18.8 -0.7

comp=Z,2.0nm,0.7s, baz=66, slow=2.1, SNR=3.3 TORO Torodi Arr. Bea 120.31 292 PKP P 22 59 19.1 -0.4

comp=Z,1.0nm,0.8s PLCA Paso Flores 146.31 156 PKP P 23 00 09.4 +0.2

comp=Z,1.0nm,0.6s, baz=246, slow=5.8, SNR=3.5 PLCA Paso Flores 146.31 156 PKP P 23 00 09.2 0.0

comp=Z,1.0nm,0.6s, baz=246, slow=5.8, SNR=3.5 TRQA Torquist 151.49 166 PKP P 23 00 21.6 -0.1

comp=Z,1.0nm,0.6s, baz=246, slow=5.8, SNR=3.5 MTO9 Popeta 151.62 148 PKP P 23 00 22.8 +0.2

comp=Z,1.0nm,0.6s, baz=246, slow=5.8, SNR=3.5 MTO9 Talagait 151.83 148 PKP P 23 00 23.8 +0.6

WEL 08 22:51:36.9±0.5, 44.5°E, 17°1E, h5km, 3km, M2.5/8, ML2.6/12, MLV2.5/8, Error ellipse: s-maj=0.0km s-min=0.0km az=171.7, confirmed, South Island

Code Station Name Az El Pn Pn Time Res. Includes stations like RPZ, RPZ, M5MC, M5MC, MAYC, MAYC, MHCZ, MHCZ.

Code Station Name Az El Pn Pn Time Res. Includes stations like WUS, WTMS, WTMS, KTMS, KTMS, SHLS, SHLS.

Code Station Name Az El Pn Pn Time Res. Includes stations like WMQ, WMQ, WMQ, WMQ, WMQ, WMQ.

Code Station Name Az El Pn Pn Time Res. Includes stations like PDGK, PDGK, PDGK, PDGK, PDGK, PDGK.

Code Station Name Az El Pn Pn Time Res. Includes stations like UZB, UZB, UZB, UZB, UZB, UZB.

Code Station Name Az El Pn Pn Time Res. Includes stations like PRZ, DJR, DJR, DJR, DJR, DJR.

Code Station Name Az El Pn Pn Time Res. Includes stations like KURS, KURS, KURS, KURS, KURS, KURS.

MDOK 137nm,1.1s Lg Lg 22 58 00.9

MDOK 137nm,0.7s MDOK 137nm,0.5s 5.65 297 eP Pb 22 56 55.2 +2.7

MDOK 137nm,1.1s ARXS Arhary 25m,0.6s 5.66 309 Pg Pb 22 56 54.3 +1.6

MDOK 178nm,0.7s ARXS Arhary 35m,0.4s 5.66 309 eP Pb 22 56 56.0 +3.3

MDOK 95nm,0.5s ARXS Arhary 19m,0.4s 5.67 296 Pg Pb 22 56 55.8 +2.8

MDOK 72m,0.7s TNSS Tian-Shan 19m,0.4s 5.67 296 eP Pb 22 56 55.8 +2.8

MDOK 72m,0.7s TNSS Tian-Shan 19m,0.4s 5.67 296 eP Pb 22 56 55.8 +2.8

MDOK 172m,0.3s KNDC Almaty 5.72 297 P Pb 22 56 39.2 +0.3

MDOK 125nm,0.7s KNDC Almaty 5.72 297 P Pb 22 56 55.7 +1.9

MDOK 360nm,0.8s TDK Talaydgyrghy 116m,0.6s 5.85 318 Pg Pg 22 57 20.0 +1.4

MDOK 409nm,0.1s TDK 409nm,0.1s 5.90 295 Pg Pb 22 56 59.5 +2.7

MDOK 409nm,0.1s IZV Izvestkoviy 5.90 295 Pg Pb 22 56 59.0 +2.7

MDOK 20nm,0.6s CHKK Chushkaly 5.98 303 P Pb 22 57 02.6 +4.4

MDOK 114nm,0.5s CHKK Chushkaly 5.98 303 eP Pb 22 57 02.6 +4.4

MDOK 114nm,0.5s CHKK Chushkaly 5.98 303 eP Pb 22 57 02.6 +4.4

MDOK 86nm,0.7s MTBS Maitube 6.02 279 Pn Pb 22 56 42.0 -1.2

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

MDOK 86nm,0.7s MTBS Maitube 6.06 295 Pn Pb 22 57 02.5 +3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOMU, SEM, BTK, KURB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOA, NC20A, F31M, etc.

NOU 08 22:56:31.1, 44:99S; 167:82E, h87km, MLv3.6/6, South Island, New Zealand

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSZ, TAFS, ML, etc.

AEIC 08 23:06:23.4, 2.6, 54:57N, 0:03, 163:30W, 0:05, h13km, 2km, Error ellipse: s-maj=5.2km s-min=2.6km az=133.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISLZ, FALS, ISNN, etc.

AFAD 08 23:08:52.0, 0.0, 33:55N, 28:84E, h7km, 4km, MLD.0

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

BGR 08 23:14:29.4, 46:07N, 152:94E, h33km, mb4.6
MOS 08 23:14:38.9, 1.3, 45:95N, 150:48E, h115km, mb4.6/37, Error ellipse: s-maj=8.4km s-min=5.7km az=88.0

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

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

YUK 08 23:06:22.0, 0.6, 54:47N, 0:03, 163:19W, 0:05, h10km, 2km, s-min=4.2km az=324.0, Unimak Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, JRA, JNK, etc.

ASAJ 08 23:08:52.0, 0.0, 33:55N, 28:84E, h7km, 4km, MLD.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ, JCH, SKR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NRCA Norcia, MBDF Montbardon, MFF Saint Martin d, VIVF Saint-Julien-l, SBF Sospel, RJF Les Rejaudoux, CAF Calviac, LFF La Frestale, TIP Timpagrande, GOGA Godfrey, EPF Kesra, ESDC Sonsee Array, TORO Torodi Ar, Bea, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez.

TAP 08 23:31:04.9, 23:12N:121:04E, h4km, ML2.6, 2C, C,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, KAPI Kappang, TORO Torodi Ar, Bea, WNT Warramunga, SHUL Shoutfeng, OWD Renai, SCZT Fangliang, WSSB Gushan, WSSB Warramunga, WUSB Renai, SLIU Shizhu, WCS Beigang Elemen, ETM Tongmen, LXIB Xiulin Townshi, WHF Hehuan Shan, FUSS Fushou, WHP Taichung City, ETLH Xiulin Townshi, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, LAY Lan-yu, TWK1 Hengchun, TWKBT Hengchun, TWQ1 Liyutan, WDGJ Tungji, WDGJ Tungji, WNSB Datong, NNSB Datong, NNSB Datong, NNS Nan Shan, PHUB Peng-hu, PHUB Peng-hu, LATG Datong, VCHM Gime, VCHM Wufeng Townshi, NFF Nanyang, LIOB Emei, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, ENTT Nioudou, FUSB Fushanzhiwuyua, ZKTA Zakatala.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WCKO Ruisui, HGSD Hsiangyung, TWK Hsiangyung, ECL Taimali, SSD Sandimen, TSMG Majia, TSMG Cishan, SCST Cishan, CHNS Tsaunglu, WHYT Xinyi Township, LDUT Ludao, LDUT Ludao, MASBT Mashibuluo, MASBT Mashibuluo, EGFH Guangfu, SSSL Suanglung, SSSL Suanglung, WARBT Fenglin Townsh, WARBT Fenglin Townsh, CHY Chiayi, WDLH Douliu, ICHU Yijhu, ICHU Yijhu, EAST Anshuo, SMLT Sun Moon Lake, ESL Shilin, ESL Shilin, TAWH Dawu Township, YTC Yuchr, WNT Mingjing, SHUL Shoutfeng, OWD Renai, SCZT Fangliang, WSSB Gushan, WSSB Warramunga, WUSB Renai, SLIU Shizhu, WCS Beigang Elemen, ETM Tongmen, LXIB Xiulin Townshi, WHF Hehuan Shan, FUSS Fushou, WHP Taichung City, ETLH Xiulin Townshi, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, LAY Lan-yu, TWK1 Hengchun, TWKBT Hengchun, TWQ1 Liyutan, WDGJ Tungji, WDGJ Tungji, WNSB Datong, NNSB Datong, NNSB Datong, NNS Nan Shan, PHUB Peng-hu, PHUB Peng-hu, LATG Datong, VCHM Gime, VCHM Wufeng Townshi, NFF Nanyang, LIOB Emei, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, ENTT Nioudou, FUSB Fushanzhiwuyua, ZKTA Zakatala.

NORS 08 23:48:08.6, 42:31N:46:47E, h46km, MPVA3.3, AZER 08 23:48:08.3, 41:98N:46:44E, h29km, ml1.9, ISC 08 23:48:08.5, 1.7, 42:19N:0:02:46:50E:0:04, h18km, 13gkm, n21, 0:096/41, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like XNZR Khunzakh, XNZR Khunzakh, GNBGR Gunib, GNBGR Gunib, BTLR Botlikh, BTLR Botlikh, ZKTA Zakatala.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ZKTA Vedeno, DVE Vedeno, DVE Vedeno, DBC Dubki, SEKA Sheki, QZX Qazax, Azerbai, GANJ Ganja, GANJ Ganja, GEDABAY GEDABAY, GDB GDB, XNQ Khinaliq, XNQ Khinaliq, QBL Gabala, QBL Gabala, QUBA Quba, Azerbajj, QUBA QUBA, LACR Lac, LACR Lac, ARNR Ardon, ARNR Ardon, BRDA Brd, BRDA Brd, ZRD Zardab, ZRD Zardab, AGDM Agdam, AGDM Agdam, PRTR Priterechnaya, PRTR Priterechnaya, YRD Yardimli, YRD Yardimli, YRD Yardimli, LRK Lerik, LRK Lerik.

NEIC 08 23:52:17.4, 1.1, 22:2S:0:1:169:59E:0:07, h10km, 2km, mb4.4/13, Error ellipse: s-maj=20.2km s-min=10.4km az=341.0

NOU 08 23:52:20.4, 21:89S:169:30E, h0km, MLv3.7/9, Southeast of Loyalty Islands, IDC 08 23:52:22.0, 2.4, 21:97S:169:62E, h47km, 20km, mb3.9/11, mbmp4.2/13, ML4.5/2, MS3.5/10, Error ellipse: s-maj=25.1km s-min=16.5km az=161.0

BGR 08 23:52:23.7, 20:76S:171:30E, h30km, ISO 08 23:52:19.1, 0.5, 22:04S:0:08:169:53E:0:06, h25km, n95, c154/90, mb4.3/19, MS3.6/9, AC, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, PINNC Pines Island, PINNC Pines Island, YATNC Mamie plateau, YATNC Mamie plateau, LIFNC LIFOU, LIFNC LIFOU, QUENC Queen Island, QUENC Queen Island, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, ONTNC Ouen Toro, ONTNC Ouen Toro, NOUC Port Laguerre, NOUC Port Laguerre, QUENC Koumav, New Ca, MSVF Nonsavu, MSVF Nonsavu, EIDS Eidsvold, MXZ Matakaoa Point, MXZ Matakaoa Point, CTA Charters Tower, CTA Charters Tower, CTAO Charters Tower, CTAO Charters Tower, PYZ Puysegur Point, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, BBOO Buckleboe, BBOO Buckleboe, WRO Warramunga Arr, WRO Warramunga Arr, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, PPTF Pantala, Papee, FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, NWAO Nanoro (SRO), JHJ Hachijo jima, MJAR Matsushiro Arr, GSPA South Pole Qui, ASAJ Asahikawa, PETK Petropavlovsk, PETK Petropavlovsk, CMAR Chiang Mai Arr, TROLL TROLL, SNAAS Sanae, SNAAS Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SONM Songino Array, LPIG La Paz, NVAR Mina Array Bea, ILAR Elision Array, NEW Newport.

9d 0h

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like ARCES ARCESS Array B, FLTG Flechtingen, BRG Berggishubel, etc.

SNET 09 00:04:56.8:0.8, 13.25N:90.32W, h50km, 40km, ML3.2
CGG 09 00:04:58.7:0.3, 13.33N:90.61W, h32km, 47km, MD3.3

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like NUBE Las Nubes, CEVE Cerro Verde, SBLs San Blas, etc.

UPA 09 00:16:19.7:3.6, 8.60N:81.62W, h23km, 999km, MW3.8, Panama

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like BCO2 Palmira, CRIS3 El Cristo, CRIS2, etc.

UPA 09 00:30:31.0:0.7, 8.82N:82.87W, h31km, 3km, ML3.8, 3C-1D, Panama-Costa Rica border region

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like MLR3 Monte Lirio, BRU2 Volcan, BCO2 Palmira, etc.

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IDC 09 00:38:51.0:1.8, 4.57N:126.77E, h0km, mb4.0/6, mbtmq4.0/6, Error ellipse: s-maj=165.8km

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 09 00:39:02.9:4.0, 50.95N:32.28E, h0km, Error ellipse: s-maj=37.7km s-min=33.6km az=174.0, Baltic States-Belarus-Northwestern Russia

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like AKASG Malin Array Be, I43RU DUBNA INFRASON, I43RZ AKTYUBINSK INF, etc.

IDC 09 00:41:39.2:4.3, 36.60N:137.06E, h178km, 64km, mb3.5/2, mbtmq4.0/2, Error ellipse: s-maj=213.7km s-min=29.5km az=81.0

JMA 09 00:41:43.5:0.2, 35.9N:0.9:138.5E:0.9, h173km, 1km, MV2.4/26, CENTRAL YAMANASHI PREF

ISC 09 00:41:43.2:1.4, 35.9N:0.1:138.4E:0.1, h173km, 10km, n10, c0.93N/13, Eastern Honshu

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like JNT Takato, JYN Shimob, JRY Ryogami san, etc.

ARCES ARCESS Array B 64.21 339 P 00 51 47.2 -12

IDC 09 00:46:57.3:3.1, 38.66N:73.62E, h102km, 32km, mb3.7/4, mbtmq4.0/9, MS2.9/1, Error ellipse: s-maj=52.9km s-min=23.0km az=105.0

ISC 09 00:46:58.2:1.5, 38.7N:0.1:73.5E:0.2, h107km, n18, c0.92/19, mb4.1/4, Tajikistan-Xinjiang border region

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

BUJ 09 00:49:18.0, 37.90N:72.12E, h116km, mb4.6/28, mb4.6/6

IDC 09 00:49:21.8:2.0, 37.87N:72.60E, h118km, 18km, mb4.0/26, mbtmq4.4/31, MS3.3/6, Error ellipse: s-maj=12.1km s-min=9.0km az=15.0

MOS 09 00:49:21.7:1.0, 37.92N:72.52E, h129km, mb4.5/31, Error ellipse: s-maj=6.1km s-min=3.5km az=85.4

NEIC 09 00:49:23.8:1.5, 37.86N:0.07:72.41E:0.09, h132km, 6km, mb4.0/156, Error ellipse: s-maj=11.2km s-min=9.0km az=143.0

NNC 09 00:49:24.3:3.3, 38.37N:72.21E, h0km, mb5.6, mpv5.2, Error ellipse: s-maj=25.9km s-min=18.1km az=166.0

ISC 09 00:49:21.7:0.4, 37.95N:0.03:72.57E:0.03, h114km, 3km, h114km:pP-P, n644, c1:74/663, mb4.5/139, 24C-12D, Tajikistan

Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like GAR Garm, BTK Batken, OHK Osh, etc.

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Table with 8 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like ARLS Aral, AML Almayashu, NIL Niyon, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LGTI Lohaghat, JASL Jaisalmer, MAZ Makanchi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA Um Al Zomool, MAZ Madinat Zayed, GNI Garni, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Malin Array Ba, AKASG Malin Array Ba, AKBB Malin Array Si, etc.

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Table with columns for station name, coordinates, and status. Includes stations like SQA, MOTA, FETA, BJNI, DAVA, etc.

Table with columns for station name, coordinates, and status. Includes stations like H19K, H19K, H17K, G22K, etc.

Table with columns for station name, coordinates, and status. Includes stations like COLA, M16K, H27K, G29M, etc.

Table with columns: Station (e.g., YOTC, ZARC), Location (e.g., Yotoco, Valle), Frequency (9.12 123), Power (P), and other details.

Table with columns: Station (e.g., SJG, JROQ), Location (e.g., San Juan, Juriquilla Cam), Frequency (19.61 81), Power (P), and other details.

Table with columns: Station (e.g., LVC, BBSD), Location (e.g., Limon Verde, Serra de San D), Frequency (34.72 155), Power (eP), and other details.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like JANB, PMNB, CRSM, ITQB, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like PCBR, PMRV, PBAR, MVO, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like AKASG, AKASG, BURAR, etc.

TEH 09 02:04:18.7, 38°6'N-44°68'E, h6km, 125km, ML2.0
AFAD 09 02:04:19.0, 30°38'N-43°00'E, h77km, 4km, ML1.5
ISK 09 02:04:21.9, 38°48N-44°50E, h5km, ML1.9/5, Turkey-Iran border region

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like OZAP, OZAP, OZAP, etc.

BER 09 02:10:52.9, 2.5, 79°18'N-3°20'E, h10km, mb(Pn)3,8, ML2.7(DNK), Confirmed Earthquake
DNK 09 02:10:54.2, 2.3, 79°07'N-3°86'E, h31km, 18km, ML2.3
KOLA 09 02:10:55.1, 79°00N-4°50E, h0km, ML2.2, Error ellipse: s-maj=28.2km s-min=21.5km az=170.0, Greenland sea, Kripovich ridge, north

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like KBS, KBS, KBS, etc.

IDC 09 01:51:39.9, 3.9, 50°31'N-32°26'E, h0km, 1C, Error ellipse: s-maj=33.6km s-min=31.9km az=175.0, Baltic

IDC 09 02:27:49.1, 3.9, 18°53'S-169°43'E, h242km, 42km, mb3.8/5, mbtmp4.6/6, Error ellipse: s-maj=77.5km s-min=28.8km az=156.0, NEIC 09 02:27:51.4, 1.0, 18°95'S-0°08'169°55E, 0.1, h249km, 9km

mb4.2/24, Error ellipse: s-maj=17.0km s-min=10.5km az=68.0
NOU 09 02:27:58.9, 19.16S; 169.11E, h174km, MLV3.6/9, Vanuatu Islands
ISC 09 02:27:50.6, 0.8, 18.8S; 0.1x169.5E; 0.1, h246km, n43, e128/44, mb4.2/16, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

IDC 09 02:31:42.2, 4.1, 50.84N; 32.30E, h0km, Error ellipse: s-maj=66.0km s-min=34.0km az=177.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the IDC event.

IDC 09 02:32:06.0, 6.0, 29.92N; 141.09E, h0km, mb4.0/19, mbmp4.0/20, MS2.8/2, Error ellipse: s-maj=21.9km s-min=16.8km az=65.0
JMA 09 02:32:12.4, 0.2, 30.0N; 141.2E, h52km, MV4.3/28, NEAR TONGA Islands
NEIC 09 02:32:14.4, 1.1, 29.90N; 07.141E; 0.2, h48km, 7km, mb4.5/36, Error ellipse: s-maj=19.5km s-min=9.7km az=74.0
ISC 09 02:32:13.4, 0.5, 29.88N; 05.141E; 0.1, h50km, n92, e129/82, mb4.3/37, Southeast of Honshu

Main table listing seismic stations (e.g., JHJC, HJHJ, BSO1, BSO3, etc.) and their data points including station name, coordinates, and time.

Table listing seismic stations (e.g., BRTR, PV05, PV13, etc.) and their data points.

NOU 09 03:01:23.7, 17.90S; 177.21W, h592km, ML4.6/14, Fiji Islands region
NEIC 09 03:01:27.6, 1.6, 18.1S; 0.1x177.8W; 0.1, h577km, 9km, mb4.4/45, Error ellipse: s-maj=22.8km s-min=15.1km az=143.0
IDC 09 03:01:29.2, 0.9, 18.13S; 178.04W, h594km, 9km, mb3.6/20, mbmp4.5/23, Error ellipse: s-maj=13.0km s-min=9.6km az=145.0

Table listing seismic stations (e.g., BGR 09 03:01:29.8, etc.) and their data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like KSRS Korea Array, USRK Ussuriysk Ar., NVAR Milna Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like HARR Harsova, TURR Turia, UPUC Upipe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like az-135.0, Baltic States-Belarus-Northwestern Russia, AKASO Main Array Be, etc.

IDC 09 03:06:20.6:3.1, 50.77N:32.32E, h0km, mbtmp3.9/1, ML2.4/1, Error ellipse: s-maj=33.6km s-min=19.2km

IDC 09 03:09:05.0:5.0, 8.28:12N:128.06E, h0km, mb3.9/11, mbtmp3.9/11, MS3.8/50, Error ellipse: s-maj=31.5km s-min=18.0km az=66.0

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG, I43RU, I31KZ.

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

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

JMA 09 03:20:54.2,0.3,44.4'N x 141.80E, h0km, MV4.1/29, SE OFF ETOROFU

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

IDC 09 03:23:50.9,3.7,18.04S x 178.40W, h556km, 21km, mb3.5/3, mbtmp3.5/2, Error ellipse: s-maj=100.4km s-min=33.4km

NEIC 09 03:23:50.7,0.9,17.8S:0.2:178.3W:0.1, h564km, 16km, mb4.2/20, Error ellipse: s-maj=27.5km s-min=8.0km

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG, I43RU, I31KZ.

DSN 09 03:49:46.8,2.9,26.49N:58.60E, h28km, ML3.2/9, Error ellipse: s-maj=44.2km s-min=21.6km az=122.0

TEH 09 03:49:52.1,1.7,26.41N:57.97E, h28km, 44km, ML3.6

ISC 09 03:49:50.6,2.0,26.49N:0.06:57.93E:0.05, h6km, 14km, n60, c137/78, Southern Iran

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

ASUD AI Ashush, Dub 3.00 232 P Pn 05 50 39.2 +0.6

ASUD AI Ashush, Dub 3.00 232 P Pn 05 50 41.7 +3.0

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

WEL 09 04:11:45.9,0.7,37.5S:7.18E, h12km, M3.5/20, ML3.8/26, MLV3.5/20, Error ellipse: s-maj=11.0km

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MKAZ, KWHZ, TMVZ, etc.

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

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

MOS 09 04:16:43.1±0.9, 407.87N, 142°31'E, h53km, mb4.8/16, Error ellipse: s-maj=9.9km s-min=6.1km az=105.9

NEIC 09 04:16:45.8±1.1, 411.00N, 142°23'E, h57km, mb4.5/47, Error ellipse: s-maj=10.5km s-min=4.9km az=142.0

NIED 09 04:16:45.3, 41°03'N, 142°28'E, h47km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mm=0.56; Mss=0.03; Mss=0.52; Mm=0.48; Mss=0.05; Mss=0.89;

JMA 09 04:16:45.3±0.1, 41.01N, 142°31'E, h47km, 3km, MD4.0/40, MV4.3/40, OFF AOMORI PREF

JMA Feat J1 at E OF AOMORI PREF

ISC 09 04:16:46.0±0.5, 41.02N, 142°26'E, h56km, 4km, h56km; pP-N, 174., c1924/176, mb4.4/51, 7C-12D, Hokkaido region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H112, H111, H113, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include G18K, H18K, H18K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NB2, NOA, BMN, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include I29M, I29M, H31M, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H03N2, H03N3, H03N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MJB9, MAJ0, MAJ0, etc.

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

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

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MTSU, QLP, TOO, COEN, BRAT, STKA, INKA, LCRK, OOD, BBOO, WR0, WB0, WB2, WRAB, WRB, WRA, WRA, WRA, ASAR, ASAR, ASAR, WRKA, MBWA, MBWA, MJAR, JMN, ADK, QSPA, QSPA, PEAOB, PETK, PETK, KSRs, OHAK, OHAK, YBH, MPK, MPK, HUMO, NVAR, NVAR, N15K, K15K, O18K, O18K, J05D, J05D, M16K, CNPM, HO4A, HO4A, PINE, PINE, L16K, L15K, W10A, L18K, L18K, J08A, J08A, LCMT, L19K, L19K, J16K, J16K, U15A, ELK, J17K, J17K, M22K, PMR, PMR, G08A, GHO, GHO, LTY, J18K, J18K, HAWA, K20K, K20K, SCW, MAM, MAM, J19K, TABL, VRDI, VRDI, N25K, N25K, GRNC, GRNC, M24K, GLB, GLB, J20K, J20K, P29M, P29M, F10A, F10A, B08A, RND, RND, DHY, DHY.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like TMUT, M26K, M26K, M27K, M27K, HYT, HYT, WRT, WRT, HDA, HDA, CCB, CCB, TX31, TX31, TXAR, TXAR, IL31, IL31, ILAR, ILAR, J25K, J25K, J26L, J26L, DLMT, DLMT, FXWY, FXWY, M30M, M30M, L29M, L29M, YHL, YHL, PDAR, PDAR, BOZ, BOZ, I30M, I30M, CMAR, CMAR, H29M, H29M, SNA, SNA, SNA, SNA, VNA3, VNA3, G30M, G30M, VNA2, VNA2, G31M, G31M, E28M, E28M, F31M, F31M, SONM, SONM, MKAR, MKAR, BVAR, BVAR, SPITS, SPITS, ARCES, ARCES, FINES, FINES, BNN, BNN, BUR0, BUR0, BRTR, BRTR, CLL, CLL, DPC, DPC, MMLR, MMLR, KHC, KHC, CKRC, CKRC, GERES, GERES, CONA, CONA, RONA, RONA, MOA, MOA, ARSA, ARSA, BIOA, BIOA, LESA, LESA, SOKA, SOKA, WATA, WATA, RETA, RETA, WTAA, WTAA, MOTA, MOTA, MYKA, MYKA, SQTA, SQTA, DAVA, DAVA, FETA, FETA, FIOM, FIOM, ESDC, ESDC.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like JTK, JTK, JOKE, JOKE, JAMN, JAMN, JIH, JIH, JIRO, JIRO, JOW, JOW, JAM, JAM, JAM, JAM, JNT, JNT, JAGN, JAGN, JNU, JNU, KSRs, KSRs, JHJ, JHJ, MJAR, MJAR, SONM, SONM, CMAR, CMAR, MKAR, MKAR, TIXI, TIXI, WRA, WRA, BVAR, BVAR, KIRV, KIRV, BELG, BELG, AKAS, AKAS, NOA, NOA, AFAD 09 05:13:03.1+0.0, 37.00N:27.81E, h7km, 2km, ML2.2, ISK 09 05:13:03.05, 37.02N:27.82E, h9km, ML2.5/12, ISC 09 05:13:03.8+0.0, 37.01N:27.81E:0.02, h11km, 10km, n21,+08/33,Turkey, Code, Station Name, Az, Az, Phase ID, Time Res, MLSB, MSLB, BDRM, BDRM, DAT, DAT, DAT, DAT, DAT, YER, YER, BODT, BODT, TURN, TURN, TURN, TURN, TURN, TURN, MRSB, YAZI, YAZI, MULA, MULA, MULA, DDIM, DALM, DALM, GCAM, GCAM, GCAM, GCAM, AYBD, SABU, SABU, FETY, FETY, CAMY, ACIPAYAM-DEKIZ, UPA 09 05:20:41.2+1.6, 8.95N-78.60W, h10km, 20km, MD3.5, MW3.6, Panama, Code, Station Name, Az, Az, Phase ID, Time Res, CNTA3, CNTA3, UPD2, UPD2, UPA, UPA, FRIJ, FRIJ, BCIP, BCIP, ZANG, ZANG, MLIR, MLIR, CACAO, CACAO, SHO, SHO, SHO, YUK, YUK, YUK, YUK, NEM2, NEM2, JRA, JRA.

JMA 09 05:06:01.7+0.3, 28.1N:0.5+1.28:1E:0.7, h12km, 3km, MV3.6/12, NW OFF OKINAWAJIMA IS NIED 09 05:06:01.7, 28.14N-128.05E, h12km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^19N; Mw:0.8; Mo:0.48; Mo:0.56; Me:0.12; Mb:0.70; Md:0.58; Fault plane solution: M:1.05000x10^15, N:P:1.7, 0.00000, 1.82, 0.00000, 1.145, 0.00000. NP2:108.00000, 855.00000, 12.00000. IDC 09 05:06:02.1+1.6, 27.80N:123.78E, h9km, mb3.6/3, mbmp3.7/4, ML3.4/1, MS3.4/10 Error ellipse: s-maj=51.8km s-min=27.1km az=75.0 ISC 09 05:06:02.2+1.8, 28.05N:105.128:20E:0.06, h8km, 12km, n24,+06/20, mb3.5/3, MS3.6/7, Ryukyus Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nemuroshibetsu, Kurirohik, Kiril'sk, etc.

DNK 09 05:55:49.2, 2.78, 67N, 2.56E, h18km, 99km, ML2.4
BER 09 05:56:07.0, 1.6, 79.37N, 4.11E, h10km, mb(Pn)3.0,
Confirmed Earthquake
ISC 09 05:55:56.7, 2.4, 78.9N, 0.2, 14E, 0.06, h16km, 15km, n9,
r165/13, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kingsbay, Spitsbergen Ar, etc.

IDC 09 05:57:36.6, 2.0, 2.38N, 127.54E, h0km, mb3.7/4,
mbmp3.7/4, Error ellipse: s-maj=181.8km s-min=21.5km
az=67.0
DJA 09 05:57:54.0, 0.7, 2.15N, 127.8E, h134km, 6km, M3.9/6,
mb4.2/2, mb4.3/1, MLV3.8/6, MW(mb)3.4/1
ISC 09 05:57:52.6, 1.5, 2.4N, 101.128E, 0.3, h150km, n6,
r036/7, mb3.8/4, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ternate, Sanana, Warramunga Arr, etc.

NIED 09 06:14:14.1, 28.10N, 128.06E, h14km, MW4.1, Moment
Tensor Solution, s3 Moment tensor, Scale 10^15Nm;
M=0.19; Mw=0.47; Mw0=0.66; Mw0=0.66; Mw1=1.1;
Fault plane solution: M=1.45000x10^15 NP1=0.200000,
s86.00000, lambda123.00000. NP2=0.117.00000, s83.00000,
lambda80000.
JMA 09 06:14:14.1, 0.2, 28.1N, 0.3, 128.1E, 0.4, h13km, 1km,
MV3.6/11, NW OFF OKINAWAJIMA IS, Ryukyu Islands

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

NEIC 09 06:48:37.9, 1.4, 23.00S, 0.08, 66.7W, 0.1, h250km, 14km,
mb4.2/3, ML3.5(GUC), Error ellipse: s-maj=18.3km
s-min=10.9km az=105.0
GUC 09 06:48:38.4, 0.5, 23.00S, 66.92W, h270km, 7km, ML3.5
IDC 09 06:48:38.1, 2.4, 22.92S, 66.41W, h226km, 28km, mb3.2/3,
mbmp3.8/6, Error ellipse: s-maj=34.3km s-min=17.8km
az=105.0
VAC 09 06:48:39.5, 0.5, 22.79S, 66.42W, h218km, 6km, mb3.8
ISC 09 06:48:37.4, 0.5, 22.95S, 0.05, 66.56W, 0.06, h222km,
r150/71, mb3.5/3, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Pedro de A, Limon Verde, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pan de Azucar, Mina Casimiro, Copiapo, etc.

IDC 09 06:53:49.4, 0.8, 23.56N, 143.91E, h0km, mb4.0/8,
mbmp4.0/9, ML3.9/1, Error ellipse: s-maj=29.7km
s-min=19.9km az=91.0
ISC 09 06:53:53.5, 0.9, 23.56N, 0.2, 143.9E, 0.2, h28km, n10,
r040/10, mb4.0/8, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Korea Array, Warramunga Arr, etc.

AEIC 09 07:11:20.9, 1.4, 69.55N, 0.02, 144.87W, 0.04, h15km, 3km,
ML4.0, ML4.1/120(NEIC), Mw4.0, 0.31(NEIC), Error ellipse:
s-maj=3.3km s-min=1.8km az=170.0
NEIC 09 07:11:21.7, 0.9, 69.60N, 0.03, 144.91W, 0.04, h6km, 5km,
Error ellipse: s-maj=4.6km s-min=1.8km az=164.0,
Moment Tensor Solution, Moment tensor, Scale 10^15Nm;
M=0.13; Mw=0.57; Mw0=0.44; Mw0=0.11; Mw0=0.94; Mw0=1.0;
Fault plane solution: M=1.08000x10^15 NP1=
phi194.59000, s81.76000, lambda87000. NP2=phi103.60000,
s83.20000, lambda171.70000. Principal axes: T 1.0269,
Plg11.0000, Azm59.0000; N 0.1036, Plg79.0000,
Azm245.0000; P -1.1305, Plg1.0000, Azm149.0000;
IDC 09 07:11:21.4, 1.1, 69.80N, 144.88W, h0km, mb3.8/6,
mbmp3.8/11, ML3.7/5, MS3.2/6 Error ellipse:
s-maj=26.1km s-min=16.1km az=71.0
NEIC 09 07:11:22.6, 69.58N, 144.92W, h5km
ISC 09 07:11:21.8, 1.0, 69.60N, 0.03, 144.88W, 0.02, h6km, 8km,
n270, r09/99, 292, mb3.8/6, MS3.1/3, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Camden Bay, Jago River, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Malcolm River, Happy Valley, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, SNR, and other technical details. Includes stations like G30M, H23K, H29M, H29M, H27K, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, SNR, and other technical details. Includes stations like A19K, H20K, H23K, H27K, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, SNR, and other technical details. Includes stations like RES, NEW, MA2, FRB, PDAR, NVAR, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Sb, Res. Includes stations like KRX Arik, KRMR Karymshinskiy, KDTR Khodutka, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Sb, Res. Includes stations like ESDC 86nm,0.4s, ETRV Los Montesinos, CHEFC Chefchaouen, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Sb, Res. Includes stations like EJUJ Euzumbay, Manteigas, ECOL Islas Columbretes, etc.

IGIL 09 07:41:51.9, 37.11N, 3.54W, h0km, ML3.5
LDG 09 07:41:54.0, 37.14N, 3.67W, h10km, M3.8/6, Error ellipse: s-maj=4.0km s-min=3.5km az=114.0

SFS 09 07:41:54.8, 37.24N, 3.77W, h0km, ML4.1/24, MLV4.0/25

INMG 09 07:41:55.1, 2.2, 37.20N, 3.69W, h12km, ML3.7, Error ellipse: s-maj=3.9km s-min=2.7km az=36.0

MDD 09 07:41:56.0, 37.19N, 3.76W, h12km, mb_L54.1/97, Error ellipse: s-maj=1.4km s-min=1.0km az=155.0

CNRM 09 07:41:58.6, 37.24N, 3.80W, h97km, ML3.6, IDC 09 07:41:59.4, 37.24N, 3.78W, h51km, mb3.6/5, mbtmp3.8/10, ML3.7/5, MS2.7/2, Error ellipse: s-maj=27.7km s-min=8.8km az=92.0

ISC 09 07:41:53.6, 37.27N, 0.01, 3.74W, h0.01, h8km, z7km, n188, 11558/327, mb3.9/5, 3C-1D, Spain

EBEN2 Beniarda presa 3.13 62 Pn Pn 07 43 23.0

ECHE Chera 3.17 42 Pn Pn 07 42 44.6

ECHE Chera 3.17 42 Pn Pn 07 42 44.6

PVAQ Vaqueiros 3.17 274 Pn Pn 07 42 43.7

PVAQ Vaqueiros 3.17 274 Pn Pn 07 42 43.7

EPLA Plasencia 3.33 327 Pn Pn 07 42 47.8

EPLA Plasencia 3.33 327 Pn Pn 07 42 47.8

PBDV Barranco-de-ve 3.35 271 Pn Pn 07 42 46.0

PBDV Barranco-de-ve 3.35 271 Pn Pn 07 42 46.0

PBEJ Beja 3.36 284 Pn Pn 07 43 26.9

PBEJ Beja 3.36 284 Pn Pn 07 43 26.9

GUD Guadarrama 3.38 355 Pn Pn 07 43 40.3

GUD Guadarrama 3.38 355 Pn Pn 07 43 40.3

PESTR Estremoz 3.43 299 Pn Pn 07 42 48.1

PESTR Estremoz 3.43 299 Pn Pn 07 42 48.1

PCVE Castro Verde 3.44 277 Pn Pn 07 42 47.2

PCVE Castro Verde 3.44 277 Pn Pn 07 42 47.2

PMRV Marv??o 3.59 308 Pn Pn 07 43 25.8

PMRV Marv??o 3.59 308 Pn Pn 07 43 25.8

EV0 Evora 3.61 292 Pn Pn 07 42 50.6

EV0 Evora 3.61 292 Pn Pn 07 42 50.6

MESJ Messejana 3.61 280 Pn Pn 07 42 49.8

MESJ Messejana 3.61 280 Pn Pn 07 42 49.8

ETOR Torete 3.77 20 Pn Pn 07 42 53.1

ETOR Torete 3.77 20 Pn Pn 07 42 53.1

CELDAS Celadas (Terue) 3.79 32 Pn Pn 07 42 51.4

CELDAS Celadas (Terue) 3.79 32 Pn Pn 07 42 51.4

PCBR Castelo Branco 3.89 312 Pn Pn 07 43 16.7

PCBR Castelo Branco 3.89 312 Pn Pn 07 43 16.7

IFR Ifrane 3.92 197 Pn Pn 07 42 54.8

IFR Ifrane 3.92 197 Pn Pn 07 42 54.8

MORF Marlete 3.92 272 Pn Pn 07 43 39.8

MORF Marlete 3.92 272 Pn Pn 07 43 39.8

MORF Marlete 3.92 272 Pn Pn 07 43 39.8

MORF Marlete 3.92 272 Pn Pn 07 43 39.8

PSBE So Bento 4.56 301 Pn Pn 07 43 04.2

PSBE So Bento 4.56 301 Pn Pn 07 43 04.2

PCAS Casmilo, Conde 4.64 308 Pn Pn 07 44 21.6

PCAS Casmilo, Conde 4.64 308 Pn Pn 07 44 21.6

MVO Moncorvo 4.65 328 Pn Pn 07 43 05.4

MVO Moncorvo 4.65 328 Pn Pn 07 43 05.4

PMAFR Mafra 4.68 293 Pn Pn 07 43 05.9

PMAFR Mafra 4.68 293 Pn Pn 07 43 05.9

PMAFR Mafra 4.68 293 Pn Pn 07 43 05.9

PMAFR Mafra 4.68 293 Pn Pn 07 43 05.9

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PMAFR Mafra 4.68 293 Pn Pn 07 43 05.9

PMAFR Mafra 4.68 293 Pn Pn 07 43 05.9

9d 7h

2018 OCT

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., IAMB, P, S, M, L, R, etc.).

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., IAMS_20, IAMS_20, P, S, M, L, R, etc.).

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., IAMS_20, IAMS_20, P, S, M, L, R, etc.).

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2018 OCT

9d 7h

Table with columns: Station ID, Frequency, Power, Status, Azimuth, Elevation, Date, Time, and Notes. Includes stations like PLK4, GCSA Galena City Sc, A19K Wainwright, N18K Kilae Creek, F19K Shaleruckik Mo, C19K Lookout Ridge, M18K Stony River, G19K Purcell Mounta, J19K Poorman, and others.

Table with columns: Station ID, Frequency, Power, Status, Azimuth, Elevation, Date, Time, and Notes. Includes stations like F20K Avaraat Lake, R18K Karluk, H20K Anotleneega Mo, D20K Etivluk River, I20K Naaghedeneel, K20K Telida, J20K Novinta River, and others.

Table with columns: Station ID, Frequency, Power, Status, Azimuth, Elevation, Date, Time, and Notes. Includes stations like KDAK Kodiak Island, Q20K Shuyak Island, B21K Ikpikpuk River, J20K Novinta River, and others.

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Table with columns for station ID, name, frequency, power, and status. Includes stations like GILB Gilahina Butte, L26K Log Cabin Wild, M26K Nabesna, AK, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like CTGM Chitina Glacie, E28M Babbage River, I28M Miner Creek, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like G30M Atoh Zrai Nji, YUK6 Outpost Mounta, O29M Mount Kennedy, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like PURC Purcari, GORTI Trebel, SGCY Sterling City, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like BERU Beregovo, Z35A Perchaven, Z35A comp=Z,68nm,1.2s, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like O48B comp=Z,7121um,21.0s, O48B Farmland, O48B baz=324, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like WME Myrdd Eilian, MFRTR Mufartlar, ZVC Zvikov, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like T47A comp=Z,6267um,21.0s, G62A comp=Z,9um,20.0s, L56A West of Eustis, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like NAZ Nazwa, Dubai, NAZ Nazwa, Dubai, NAZ Nazwa, Dubai, etc.

Table of astronomical observations for 9d 7h, including columns for object name, coordinates, magnitude, and observation status.

Table of astronomical observations for 2018 OCT, including columns for object name, coordinates, magnitude, and observation status.

Table of astronomical observations for 490, including columns for object name, coordinates, magnitude, and observation status.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Limon Verde, San Pedro de A, Juan Fernandez, etc.

NOU 09 07:53:33.6, 41.85S, 174.38E, h11km, MLv3.7/11, Cook Strait, New Zealand
WEL 09 07:53:34.0, 0.3, 42.0, S, 17.4E, h12km, 3km, M3.0/30, ML3.2/19, MLv3.0, 3.0, Error ellipse: s-maj=3.5km s-min=2.8km az=163.1, confirmed
ISC 09 07:53:34.2, 0.9, 41.75S, 0.03S, 174.21E, 0.03S, h16km, 5km, n115, r131/91, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

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

ICD 09 07:56:43.8, 8.0, 17.38S, 174.80W, h0km, mb3.6/3, mbtmp3.6/3, MS4.4/1, Error ellipse: s-maj=348.9km s-min=41.0km az=141.0, Tonga Islands

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

ICD 09 08:02:43.2, 1.3, 60.04N, 153.11W, h109km, 15km, mb3.7/7, mbtmp4.1/12, Error ellipse: s-maj=16.9km s-min=13.0km az=107.0

NEIC 09 08:02:43.8, 1.6, 60.07N, 0.04, 153.01W, 0.07, h134km, 4km, Error ellipse: s-maj=5.5km s-min=5.1km az=168.0

AEIC 09 08:02:45.1, 1.4, 60.07N, 0.04, 152.95W, 0.05, h126km, 4km, ML3.7, ML3.9/194(NEIC), Error ellipse: s-maj=5.3km s-min=3.3km az=195.0

ISC 09 08:02:44.5, 0.6, 60.06N, 0.03, 152.98W, 0.04, h128km, 5km, n492, r190/503, mb4.2/7, Southern Alaska

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chakachamna La, Cape Douglas, Spurr Chakacha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Redstone River, False Pass, Windy Craggy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MORC Vranov, VRAC Velka Javorina, JAVC Velka Javorina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TIXI Tiksi, TIXI Tiksi, C19K Lookout Ridge, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like ZSN, PDGK Podgornoye, PDGK Podgornoye, etc.

TAP 09 08:12:58.7, 22°92'N; 121°38'E, h25km, ML4.6, C
JMA 09 08:13:00.3, 0.3, 23°2'N; 0.9, 121°7'E; 0.9, h6km, 3km,
MVA 5/15, TAIWAN REGION
ISC 09 08:12:56.3-0.9, 22.86N-0.02-121.60E; 0.02, h27km, 6km,

Table with columns: Code, Station Name, Time, Res. Includes stations like LDUT Ludao, EDH Donghe, EDH, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like TAW, TAWH, EAST, TEGC, LYUB, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like WDLH, ETL, NACB, WHF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WU-fen Shan, WFSB, SX11, etc.

IDC 09 08:16:18.0-0.9,36.73N;140.60E,h0km,mb3.8/8, mbtmp3.8/10,ML3.6/2,Error ellipse:s-maj=22.5km s-min=18.2km az=146.0

JMA 09 08:16:19.4-0.0,36.73N;140.60E,0.1,h0km, MD3.9/20,ML4.1/20,NORTHERN IBARAKI PREF JMA Fair III J1 at NORTHERN IBARAKI PREF

ISC 09 08:16:19.3-0.9,36.71N;140.60E,0.04,h9km,6km, n38,-0.74/32,mb3.7/8,Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hitachi, Hitachinakayama, etc.

IDC 09 08:16:31.2-1.0,6.64S;143.15E,h0km,mb4.0/6, mbtmp4.0/9,ML3.6/2,Error ellipse:s-maj=27.3km s-min=21.1km az=93.0

ISC 09 08:16:36.4-0.9,6.75S;143.15E,0.1,h35km,n9,-0.1509/10,mb3.8/5,Near Guinea

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

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

IDC 09 08:19:05.5-3.2,50.69N;32.27E,h0km,mbtmp3.8/1, ML2.5/9,Error ellipse:s-maj=34.4km s-min=19.8km az=135.0,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Malin Array Be, DUBNA INFRASON, etc.

NEIC 09 08:24:12.0-1.6,18.55S;0.2-177.9W,0.2,h562km,13km, mb4.2/17,Error ellipse:s-maj=29.5km s-min=20.9km az=148.0

IDC 09 08:24:13.8-1.5,18.51S;178.08W,h574km,11km,mb3.5/8, mbtmp4.4/10,Error ellipse:s-maj=27.2km s-min=15.7km az=132.0

ISC 09 08:24:11.7-0.8,18.55S;178.0W,0.1,h557km,n33,-0.158/38,mb4.1/15,Fiji Islands Region

Main station list table for the second section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nonsavu, Afiamalu, etc.

DJA 09 09:09:10.3-0.3,1.5S;121.1E,h10km,ML3.9/13,mb4.4/1, MLV3.6/13,Sulawesi

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

KRNET 09 08:58:37.0-0.1,40.53N;77.95E,h21km,mb2.5 SOME 09 08:58:37.8,40.75N;78.37E,h10km

NNC 09 08:58:39.2-1.5,40.79N;78.35E,h0km,mb3.5,mpv3.3, Error ellipse:s-maj=10.4km s-min=7.2km az=179.0

ISC 09 08:58:33.8-2.7,40.4N;0.1x78.49E:0.06,h10km,12km,n32,-0.121/49,10C-2D,Southern Xinjiang

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

Main station list table for the third section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Naryn, Uzbulak, etc.

IDC 09 09:10:04.3-1.5,3.86N;126.49E,h0km,mb3.7/5, mbtmp3.7/5,Error ellipse:s-maj=119.8km s-min=19.5km az=69.0

DJA 09 09:10:24.0-0.9,3.8N;126.49E,h152km,13km,ML4.2/10, mb5.3/3,mb4.1/7,MLV4.2/10,MLW(mB)4.8/3

ISC 09 09:10:22.5-1.2,3.5N;126.49E,0.1,h150km,n12,-0.1566/3,mb3.4/5,Talau Islands

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

WRA Warramunga Arr 24.73 160 P 09 15 29.6 -0.5

ASAR Alice Springs 28.10 164 P 09 15 59.1 -1.4

ASAR South Pole Qui 71.52 180 P 09 15 59.1 -1.4

FKAI Fok Fak 9.05 134 P 09 12 30.8 +0.8

FITZ Fitzroy Crossi 21.42 180 P 09 15 59.1 +0.3

WRA Warramunga Arr 24.73 160 P 09 15 29.6 -0.5

ASAR Alice Springs 28.10 164 P 09 15 59.1 -1.4

ASAR South Pole Qui 71.52 180 P 09 15 59.1 -1.4

MKAR Makanchi Array 57.24 326 P 09 15 54.1 -0.1

1.0nm,0.4s
KURBB Kurchatov Arra 61.46 328 P P 09 20 23.2 +0.1

1.4nm,0.8s
TORD Torndi Arr. Bea 144.25 284 PKP PKPdf 09 58 26.1 -0.6

B20K Meade River 82.47 15 P P 09 55 52.0 +3
G23K Bananza Creek 82.55 19 I Amb I Amb 09 55 53.5 +0.4

KRSC 09 09:16:34.0 1.3, 49:27N-157.04E, h38km, 19km, M4.6
MOS 09 09:16:35.4 0.6, 49:31N-156:31E, h51km, mb4.4/1, Error ellipse: s-maj=19.2km s-min=4.6km az=76.5

TEH 09 09:42:17.7, 34:67N-45:55E, h11km, 27km, ML3.1
ISN 09 09:42:18.0 1.1, 6:34:68N-45:61E, h10km, ML3.2

ILAR Elision Array 82.60 22 P P 09 55 51.9 -1.4
ANAKUTUV Paks 82.80 18 P I Amb I Amb 09 55 54.5 +0.1

IDC 09 09:16:38.6 3.6, 49:42N-156:27E, h63km, 34km, mb3.2/6, mbmp3.7/9, ML3.9/3, Error ellipse: s-maj=39.9km s-min=16.1km az=132.0

n18, c114/21, Iran-Iraq border region
Code Station Name A° AZ° Phase ID Time Res h m s ISC

E22K Aiyikyav River 82.99 17 P I Amb I Amb 09 55 56.1 +0.9
D22K Aiyikyav River 82.99 17 P I Amb I Amb 09 55 56.6

ISC 09 09:16:37.4 0.8, 49:31N-156:48E, 0:09, h57km, n64, c0:99/65, mb3.5/6, Kuril Islands
Code Station Name A° AZ° Phase ID Time Res h m s ISC

KGS1 Ghar-e-Shirin 0.18 165 Pg Op 09 42 22.2 +0.6
GLG1 Gilan-e-Gharb 0.64 151 Pg Op 09 42 29.7 +0.6

D23K Nanushuk River 83.63 17 P I Amb I Amb 09 56 00.1 +1.6
D23K comp=Z,4.3nm,0.8s 83.69 19 P P 09 55 59.4 +0.5

SKR Severo-Kuril's 1.40 351 Op Pn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.7 +0.8

ILBA Iliam Banvizeh 1.19 152 Pg Pn 09 42 39.8 -0.6
ILIN Lien 1.73 83 Pg Pn 09 42 40.7 -0.1

F24K Squaw Lake 83.69 19 P P 09 55 59.4 +0.5
BCAR Beaver Creek A 83.77 24 P P 09 55 59.2 -0.1

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

IKRR Kirruk 1.22 307 ePg Pn 09 42 40.0 -0.8
IKRR comp=N,597nm,0.3s 09 43 02.8

G24K Hadweenzic Riv 83.40 20 P P 09 55 56.9 -0.4
G24K comp=Z,7.6nm,1.4s 83.40 20 P I Amb I Amb 09 56 24.8

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

IKRR comp=N,597nm,0.3s 09 43 02.8
IKRR comp=E,476nm,0.7s 09 43 08.4

M27K Edge Creek, AK 83.42 25 P I Amb I Amb 09 55 58.6 +0.9
D32K comp=Z,8.8nm,1.5s 83.63 17 P I Amb I Amb 09 56 00.1 +1.6

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

KCHF Cheshme Ferd, 1.31 107 Pg Pg 09 42 42.6 -0.3
SDS1 Sardasht, Az. 1.47 358 Pg Pn 09 42 45.0 +0.6

D24K comp=Z,8.8nm,1.5s 83.63 17 P I Amb I Amb 09 56 00.1 +1.6
D24K comp=Z,4.3nm,0.8s 83.69 19 P P 09 55 59.4 +0.5

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

SNOR Sompur, Kerman 1.73 83 Pg Pn 09 42 49.7 -0.1
IBZA Bozab 1.93 96 Pg Pn 09 42 52.5 -0.7

C23K Itkiliy Riv 84.15 17 P P 09 56 01.8 +0.8
D24K comp=Z,8.8nm,1.5s 84.28 18 P I Amb I Amb 09 56 07.2

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

IOBO Doab 2.36 111 Pn Pn 09 42 57.8 +1.0
HSAM Samen 2.58 100 Pn Pn 09 43 01.3 +1.5

G27K Doyur Strip 85.47 21 P P 09 56 07.6 0.0
I28M Miner Creek 85.52 22 P P 09 56 05.5 -1.5

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

HAGD Agdhareh 2.91 96 Pn Pn 09 43 07.3 +2.1
NEIC 09 09:44:11.6 2.2, 5:9S:0:1, 154:4E:0:2, h381km, 9km, mb4.2/54, Error ellipse: s-maj=22.4km s-min=17.3km az=79.0

I28M Miner Creek 85.52 22 P P 09 56 05.5 -1.5
TORD Torodi Arr. Bea 152.03 287 PKPbc PKIKP 09 58 23.5 -0.5

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

ICD 09 09:44:13.2 2.5, 8:58S:154:48E, h390km, 57km, mb3.2/11, mbmp4.0/11, Error ellipse: s-maj=41.6km s-min=13.5km az=104.0

IDC 09 09:56:43.9 9.999, 0.46:82N-43:76E, h0km, Error ellipse: s-maj=5805.0km s-min=211.2km az=64.0, Ukraine-Moldova-Southwestern Russia region

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

ISB 09 09:44:14.0 1.0, 7:57S:0:10, 154:3E:0:1, h400km, n76, c1:12/78, mb4.2/39, Bougainville-Solomon Islands region

GII 09 09:57:32.2 0.2, 31:041N:0:002:35:226E:0:001, h0km, confirmed, Dead Sea region

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

RABL Rabaul 2.69 308 Pn Pn 09 45 12.7 -2.1
MANU Manus Island 7.87 299 Pn Pn 09 46 05.0 -1.7

I31ZK AKTYUBINSK INF 10.11 64 I ISC I 10 58 30.0
I46RU comp=Z,272.5km,315.SNR=1.4 12 40 01.3

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

COEN Coen 13.56 233 P P 09 47 14.1 +0.6
EIDS Eidsvold 19.63 189 P P 09 48 14.6 -0.5

I34MN SONGINO INFRAS 41.45 65 I I 14 16 20.0
GVZ 09 09:57:32.2 0.2, 31:041N:0:002:35:226E:0:001, h0km, confirmed, Dead Sea region

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

FAKI Fak Fak 22.15 277 P P 09 48 37.5 -0.9
SAUI Saumaki 22.92 263 P P 09 48 52.8 -0.1

NVZR Neve Zohar 0.16 47 P Op 09 57 36.3 +0.9
NVZR Neot Hakikar 0.17 130 S P 09 57 39.7 +2.2

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

WRB Warramunga Arr 23.76 233 P P 09 48 51.1 -1.7
WRAB Tennant Creek 23.89 232 P P 09 48 51.9 -2.0

MDBI Mazsada 0.29 23 P P 09 57 38.4 +0.5
MDBI Mazsada 0.29 23 P S 09 57 44.1 -1.7

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

WB2 Warramunga Arr 23.90 232 P P 09 48 52.1 -1.8
WRA Warramunga Arr 23.90 232 P P 09 48 55.8 +1.7

MSBI Mazsada 0.29 23 P Pg 09 57 38.9 +1.0
MSBI Mazsada 0.29 23 P S 09 57 44.0 -1.8

SKR Severo-Kuril's 1.40 351 ePN Sn 09 16 59.7 -0.9
SKR Severo-Kuril's 1.40 351 eS Sn 09 17 18.8 +0.8

WRA Warramunga Arr 23.90 232 P P 09 48 55.8 +1.7
WRA comp=Z,1.9nm,0.8s 09 48 55.8 +1.7

YTR Yattir 0.34 34 P P 09 57 39.9 +1.2
YTR Yattir 0.34 34 S S 09 57 45.9 -1.3

Table with columns for call sign, name, frequency, and other details. Includes stations like MYKOM Kota Tinggi, MYLDM Lahad Datu, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like CTAO Charters Tower, QLP Quijipe, HTT Hallett, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like MKAR comp=2.2,5nm,0.9s, etc.

9d 12h

2018 OCT

500

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, QLP, INKA, EIDS, MBWA, PIRA00, STKA, STKA, ARMA, ARMA, HKPS, H11S3, H11S2, H11S1, NWA0, MJAR, PHRA, CMAR, CMAR, CHTO, LBZ, RTZ, WRZ, MK31, MK31, MKAR, MKAR, MAZK, MAZK, ZAA0, ZAA0, ZALV, ZALV, KURK, KURK, KURBB, KURBB, ARS, ARS, GARM, CHGR, SIMJ, KKAR, KKAR, BVAR, BVAR, E19K, E19K, D19K, D19K, ABKAR, E22K, E22K, DHY, DHY, D23K, D23K, H24K, H24K, HDA, HDA, IL31, IL31, ILAR, ILAR, C23K, G24K, G24K, D24K, D24K, GLB, GLB, RIDG, RIDG, MCARA, SCRK, F25K, F25K, J26L, J26L, D25K, D25K, BMAR, QSPA, QSPA, G30M, G30M, LPAZ, LPAZ.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H04N1, H04N2, H04N3, MAW, MAW, CMAR, CMAR, ASAR, ASAR, WRA, WRA, GSPA, GSPA, MKAR, MKAR, TORD, TORD, DBIC, DBIC, KURBB, KURBB, BVAR, BVAR, ZALV, ZALV, SONM, SONM, GUC, GUC, NEIC, NEIC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AP01, AP01, PB16, PB16, PB18, PB18, TA01, TA01, G001, G001, PX03, PX03, PB09, PB09, LPAZ, LPAZ, PB04, PB04, LVC, LVC, PB14, PB14, AC01, AC01, G003, G003, AC04, AC04, EBTB, EBTB, AC05, AC05, LCO, LCO, PTLB, PTLB, VILB, VILB, SAML, SAML, SNA, SNA, TRQA, TRQA, PLCA, PLCA, BOAV, BOAV, SNA, SNA, GSPA, GSPA, SKR, SKR, KDR, KDR, KDR, KDR, ASAK, ASAK, ASAK, ASAK, MTRV, MTRV.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GRL, GRL, KRMR, KRMR, PETR, PETR, PET, PET, PET, PET, DALK, DALK, DALK, DALK, UGLR, UGLR, UGLR, UGLR, AVH, AVH, AVH, AVH, KOK, KOK, KOK, KOK, SMAR, SMAR, SMAR, SMAR, KRER, KRER, KRER, KRER, SDLR, SDLR, SDLR, SDLR, KRX, KRX, KRX, KRX, SPN, SPN, SPN, SPN, SPN, SPN, SPN, SPN, KUR, KUR, KUR, KUR, KUR, KUR, WRA, WRA, TXAR, TXAR, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MCQV, MCQV, SDV, SDV, URV, URV, URIC, URIC, SOCV, SOCV, CAPV, CAPV, OCAC, OCAC, ARGC, ARGC, ARGC, ARGC, SJCC, SJCC, BAUV, BAUV, BAUV, BAUV, BENV, BENV, CACV, CACV, NEIC, NEIC, IDC, IDC, Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RABL, RABL, MANU, MANU, PMG, PMG, PMG, PMG, HNR, HNR, PATS, PATS, CTA, CTA, EIDS, EIDS, DZM, DZM, DZM, DZM, MTN, MTN, WBO, WBO, WRAB, WRAB, WBR, WBR, WRA, WRA, KNRA, KNRA, H11S3, H11S3, H11S2, H11S2, H11S1, H11S1, AS31, AS31, ASAR, ASAR.

IDC 09 11:02:32.8-0.7, 26.63S-67.60E, h0km, mb4.2/13, mbmp4.2/13, MS3.0/1, Error ellipse: s-maj=20.8km s-min=20.3km az=111.0
ISC 09 11:02:34.0-0.7, 26.73S-67.60E, h0km, n19, 0.661/14, mb4.3/13, Indian Ocean Triple Junction

KRSC 09 11:25:14.4-1.8, 49.33N-157.09E, h43km, 25km, M4.1
MOS 09 11:25:14.9-0.8, 49.26N-156.59E, h54km, mb4.0/1, Error ellipse: s-maj=27.2km s-min=5.2km az=77.8
IDC 09 11:25:19.8-1.4, 50.26N-154.61E, h0km, mb3.5/3, mbmp3.6/5, M4.0/1, Error ellipse: s-maj=44.4km s-min=26.5km az=139.0
ISC 09 11:25:13.8-1.5, 48.10N-156.8E, h0km, n53, 0.1862/46, mb3.3/3, Kuril Islands

NEIC 09 11:28:03.6-0.5, 10.4N-174.72W, h0km, M2.2, M2.0
FUNV 09 11:28:06.0, 10.00N-171.63W, h13km, MWV3.5
ISC 09 11:28:02.8-1.4, 10.04N-176.00W, h4.6km, 12km, n11, 0.997/19, Lake Maracaibo
NEIC 09 12:13:56.2-1.0, 4.68S-0.10, 153.37E-0.08, h44km, 10km, mb4.1/17, Error ellipse: s-maj=14.1km s-min=11.5km
IDC 09 12:13:59.1-3.0, 4.66S-153.17E, h66km-24km, mb3.8/8, mbmp4.1/9, MS2.0/1, Error ellipse: s-maj=26.2km s-min=19.1km az=139.0
ISC 09 12:13:56.5-0.7, 4.68S-152.97E-0.08, h50km, n39, 0.1503/36, mb2.4/14, New Ireland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, etc.

IDC 09 12:23:09.2, 1.9, 5.1, 10N, 127.70E, h0km, mb3.9/4, mbmp3.9/4, MS2.5/1, Error ellipse: s-maj=177.9km

NEIC 09 12:23:10.6, 1.1, 5.0, 0N, 127.8E, 0.1, h10km, 1km, mb4.4/12, Error ellipse: s-maj=27.9km s-min=14.9km

ISC 09 12:23:10.3, 0.8, 5.1, 1N, 127.7E, 0.2, h10km, n23, o#68/22, mb4.3/10, Phillipine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LUWI Luwuk, WARR Warrungarra Arr, WRA Warrungarra Arr, etc.

NEIC 09 12:28:46.5, 1.9, 23.17S, 0.07x66.74W, 0.1, h218km, 8km, mb4.4/12, Error ellipse: s-maj=13.0km s-min=10.2km

IDC 09 12:28:47.0, 0.9, 23.17S, 0.66x66.74W, h193km, 10km, mb3.3/4, mbmp4.0/10, Error ellipse: s-maj=16.6km s-min=12.3km

GUC 09 12:28:47.9, 0.7, 23.22S, 67.23W, h231km, 5km, ML4.0

ISC 09 12:28:46.8, 0.6, 23.14S, 0.05x66.80W, 0.06, h12km, 7km, n101, s1926/113, mb3.9/5, 4C, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AF01 San Pedro de A, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CO03 El Pedregal, CO06 Fray Jorge, CO02 Combarbal, etc.

IDC 09 12:54:02.9, 549.0, 53.76N, 4.53E, h0km, Error ellipse: s-maj=239.2km s-min=153.2km az=99.0, North Sea

IDC 09 13:07:30.7, 1.0, 27.85N, 127.65E, h0km, mb3.7/9, mbmp3.7/13, ML2.9/3, MS3.7/4E, Error ellipse: s-maj=28.3km s-min=17.7km az=81.0

NEIC 09 13:07:30.6, 28.12N, 128.03E, h12km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; Mn:0.14; Mpp:3.46; Mpp:3.61; Mpp:0.73; Mpp:0.06; Mo:2.02;

Fault plane solution: Mo:4.07000x1015 NP1: e#225.00000, s#4.00000, -1.153.00000. NP2: e#225.00000, s#63.00000, -1.00000.

JMA 09 13:07:30.6, 28.12N, 128.03E, 0.5, h12km, 2km, MV3.7/15, NW OFF OKINAWAJIMA IS

ISC 09 13:07:31.9, 1.9, 28.03N, 128.12E, 0.05, h9km, 13km, n62, s136/32, mb3.6/9, MS3.7/40, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I26DE FREYUNG INFRAS, I37NO I37NO, I43RU DUBNA INFRASOM87, etc.

IDC 09 13:09:13.9, 0.5, 3.149N, 100.12W, h0km, mb3.6/4, mbmp3.6/4, MS3.5/2, Error ellipse: s-maj=150.9km s-min=72.9km az=93.0, Galapagos Triple Junction region

NEIC 09 13:25:00.6, 2.1, 44.25N, 0.08x149.8E, 0.2, h10km, 1km, mb4.6/14, Error ellipse: s-maj=22.3km s-min=11.2km

JMA 09 13:25:00.9, 0.9, 45.1N, 4.15E, h30km, MV3.9/13, SE OFF ETOROFA

MOS 09 13:25:03.0, 1.0, 44.23N, 149.66E, h41km, mb4.4/7, Error ellipse: s-maj=11.0km s-min=9.1km az=114.4

SKHL 09 13:25:03.0, 0.5, 44.10N, 149.66E, h54km, 4km, mb4.5/7, IDC 09 13:25:07.0, 3.3, 44.33N, 149.69E, h63km, 29km, mb3.5/14, mbmp3.8/17, ML3.1/3, MS2.5/1, Error ellipse: s-maj=21.0km s-min=17.9km az=119.0

ISC 09 13:25:03.7, 0.6, 44.07N, 0.06x149.66E, 0.06, h35km, n86, s134/90, mb4.1/28, 6C, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR bazz=223,slow=10.0,SNR=1.4, USRK comp=N,205nm,20.1s,baz=222,slow=40, etc.

NEIC 09 13:25:00.6, 2.1, 44.25N, 0.08x149.8E, 0.2, h10km, 1km, mb4.6/14, Error ellipse: s-maj=22.3km s-min=11.2km

JMA 09 13:25:00.9, 0.9, 45.1N, 4.15E, h30km, MV3.9/13, SE OFF ETOROFA

MOS 09 13:25:03.0, 1.0, 44.23N, 149.66E, h41km, mb4.4/7, Error ellipse: s-maj=11.0km s-min=9.1km az=114.4

SKHL 09 13:25:03.0, 0.5, 44.10N, 149.66E, h54km, 4km, mb4.5/7, IDC 09 13:25:07.0, 3.3, 44.33N, 149.69E, h63km, 29km, mb3.5/14, mbmp3.8/17, ML3.1/3, MS2.5/1, Error ellipse: s-maj=21.0km s-min=17.9km az=119.0

ISC 09 13:25:03.7, 0.6, 44.07N, 0.06x149.66E, 0.06, h35km, n86, s134/90, mb4.1/28, 6C, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Makanchi, Kurchatov, Boomsoko usch, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Musina, Karoi, Mopani, etc.

WEL 09 14:16:49.1, 6.33'S, 177.179'E, 5.3, h12km, M3.7/2, mB4.4/1, ML4.0/8, MLV3.7/2, Mw(mB)3.6/1, Error ellipse: s-maj=71.3km s-min=11.9km az=105.0, confirmed,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Matakaoa Point, Te Kaha, Pakihiroa, etc.

IDC 09 14:19:21.2, 4.7, 50.76N, 32.33E, h0km, Error ellipse: s-maj=67.9km s-min=35.5km az=179.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Malin Array Be, DUBNA INFRASOUND, etc.

IDC 09 14:21:28.1, 0.1, 63.7'N, 57.49'E, h0km, mb3.6/7, mb2p3.6/8, ML2.5/1, MS2.9/2, Error ellipse: s-maj=32.1km s-min=23.4km az=148.0

ISC 09 14:21:30.4, 1.0, 13.7'N, 0.2, 57.4'E, 0.2, h10km, n9, e194/8, mb3.6/7, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Wadi Sadr, Kilima Mbogo, Makanchi Array, etc.

SDD 09 14:42:27.9, 1.4, 19.13'N, 67.87'W, h1km, 999km, MD2.5, ML2.0, MW1.8

NEIC 09 14:42:32.1, 0.7, 18.8'N, 0.1, 68.1'W, 0.08, h74km, 10km, ML2.2/22, Md3.0/2(RSPR), Error ellipse: s-maj=18.2km s-min=11.1km az=178.0

RSPR 09 14:42:34.0, 18.1'N, 68.08'W, h74km, 4.03, ISC 09 14:42:33.9, 1.4, 18.84'N, 0.10, 68.09'W, 0.03, h50km, n30, e1916/30, 7C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Punta Cana, Maguayes Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Cerrillos, Guaynabo City, InterUniversit, Patillas Dam.

CATAC 09 14:51:49.0, 13.65N, 90.67W, h33km, 6km, ML4.2
GCG 09 14:51:57.0, 14.34N, 90.64W, h43km, 10km, MD3.9
ISC 09 14:51:51.2, 13.132N, 0.05, 90.59W, 0.04, h68km, 10km,
n70, c113/115, 4D, Near coast of Guatemala

Main station list table for the left column, containing station codes, names, coordinates, and seismic data.

Main station list table for the middle column, containing station codes, names, coordinates, and seismic data.

Main station list table for the right column, containing station codes, names, coordinates, and seismic data.

NEIC 09 15:33:02.3, 0.4, 36.696N, 0.009, 97.681W, 0.004,
h4km, 5km, mb_Lg2.3/12, ML2.7, ML2.5/58, Error ellipse:
s-maj=1.3km s-min=0.4km az=164.0
NEIC 09 15:33:02.0, 0.4, 36.891N, 0.010, 97.682W, 0.008,
h7km, 2km, Error ellipse: s-maj=1.4km s-min=1.0km
az=173.0, Oklahoma

ISC 09 15:39:29.5, 2.9, 39.30N, 38.13E, h0km, mb3.2/1,
mbmp3.3, ML3.1/2, MS2.5/2, Error ellipse: s-maj=64.6km
s-min=14.3km az=167.0
ISC 09 15:39:31.7, 39.70N, 38.13E, h7km, ML3.6/25
AFAD 09 15:39:32.6, 0.0, 39.64N, 38.09E, h7km, 4km, MW3.7
ISC 09 15:39:31.9, 1.2, 39.68N, 0.003, 38.12E, 0.03, h5km, 10km,
n38, c092/48, Turkey

Table with columns: AS31, comp=Z, 7.9nm, 0.9s, 32.30 252 P P, 17 45 31.6, etc. Includes stations like ASAR Alice Springs, BBOO Buckleboo, MULG Mulgathing, etc.

Code Station Name A° AZ° Phase ID Time Res
SHO Shikotan 1.38 310 i P Pn 17 44 07.2 -0.4
SHO 20nm,0.2s i S Sn 17 44 25.1 -0.2

Table with columns: URZ Urewhera 9.07 200 P Pn, MSVF Nonsu 12.25 347 P P, DZM Mont Dzumac 15.13 297 P P, etc. Includes stations like WRA Warramunga Arr, GNSP South Pole Qiu, etc.

Code Station Name A° AZ° Phase ID Time Res
RAO Raoul Island 1.09 63 P Pn 17 46 14.8 -0.2
RAO 327nm,0.3s,baz=270,slow=24,SNR=5.4 S S 17 46 46.9 -5.1

Table with columns: UESV Alcaldia de Sa 1.42 85 e P Pn, SCLA Alcaldia de Sa 1.42 85 i S Sn, SCLM Sulu 1.53 299 e P Pn, etc. Includes stations like SCLA Alcaldia de Sa, SCLM Sulu, etc.

Code Station Name A° AZ° Phase ID Time Res
TOLJ Tolitoli 29.96 285 P P 18 16 25.0 -1.5
FORF Forrest 30.94 218 P P 18 16 34.5 -0.6

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PSAA0, PSAA0, MYLDM, JAGI, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SIMJ, I26K, NRIK, BMAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CRES, SMRN, CEY, etc.

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

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

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

ICD 09 18:49:48.3,3.4, 17.095s~177.23W, h0km, mb3.9/3, mbmt3.9/3, Error ellipse: s-maj=167.4km s-min=66.0km az=163.0, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HD, G2K, N25K, etc.

ICD 09 18:57:55.5,8.5,51.37N~176.94W, h0km, mb3.5/4, mbmt3.8/5, ML4.0/1, MS2.7/3, Error ellipse: s-maj=159.7km s-min=62.2km az=95.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IL03, COLD, H24K, etc.

PDG 09 18:47:35.6,0.1, 43.62N~17.03E, h10km, ML2.6/12, Error ellipse: s-maj=0.9km s-min=1.5km az=0.0

RHSSO 09 18:47:35.4,0.3, 43.71N~16.90E, h4km,2km, ML2.2/11

BEO 09 18:47:35.7,0.7, 43.70N~16.97E, h2km,7km, ML2.2/5

ISC 09 18:47:35.3,1.0, 43.72N~0.02,17.01E, h7km,9km, n55, c074/105, 7C-AD, Northwestern Balkan Peninsula

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

ICD 09 18:57:55.5,8.5,51.37N~176.94W, h0km, mb3.5/4, mbmt3.8/5, ML4.0/1, MS2.7/3, Error ellipse: s-maj=159.7km s-min=62.2km az=95.0

AEIC 09 18:57:57.3,2.5, 51.30N~0.07, 177.56W~0.06, h28km,6km, Error ellipse: s-maj=10.0km s-min=4.7km az=161.0

NEIC 09 18:57:58.5,2.5, 51.43N~0.07, 177.54W~0.06, h40km,10km, mb4.1/84, ML4.1(AEIC), Error ellipse: s-maj=11.3km s-min=6.4km az=162.0

ISC 09 18:57:55.1,0.9,51.3N~0.1,177.62W~0.04, h21km,4km, n156, c156/148, m4.1/28, Andeanof Islands

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

ICD 09 18:57:55.5,8.5,51.37N~176.94W, h0km, mb3.5/4, mbmt3.8/5, ML4.0/1, MS2.7/3, Error ellipse: s-maj=159.7km s-min=62.2km az=95.0

AEIC 09 18:57:57.3,2.5, 51.30N~0.07, 177.56W~0.06, h28km,6km, Error ellipse: s-maj=10.0km s-min=4.7km az=161.0

NEIC 09 18:57:58.5,2.5, 51.43N~0.07, 177.54W~0.06, h40km,10km, mb4.1/84, ML4.1(AEIC), Error ellipse: s-maj=11.3km s-min=6.4km az=162.0

ISC 09 18:57:55.1,0.9,51.3N~0.1,177.62W~0.04, h21km,4km, n156, c156/148, m4.1/28, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L26K, G24K, M27K, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, SNA4 Sanaa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like AC01 Hualane, GO05 IROC Station P, PB01 IROC Station P, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MAW Mawson, MAW Mawson, PCBR Castelo Branco, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GRHM, GRAN, BLWY, PHHD, NMMU, etc.

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

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

IDC 09:20:26:55.4:10.0,16:00S:176:90E,h0km,mb4.4/3, mbtm4.4/3, Error ellipse: s-maj=465.9km s-min=38.0km az=143.0, Fiji Islands region

IDC 09:20:26:55.4:10.0,16:00S:176:90E,h0km,mb4.4/3, mbtm4.4/3, Error ellipse: s-maj=465.9km s-min=38.0km az=143.0, Fiji Islands region

IDC 09:20:26:55.4:10.0,16:00S:176:90E,h0km,mb4.4/3, mbtm4.4/3, Error ellipse: s-maj=465.9km s-min=38.0km az=143.0, Fiji Islands region

BJI 09:20:27:01.9,14:55S:173:04E,h608km,mb4.7/66, mB4.7/19

IDC 09:20:27:02:50.6,14:90S:172:94E,h610km,5km,mb4.2/18, mbtm5.1/20, Error ellipse: s-maj=11.2km s-min=9.1km az=107.0

NEIC 09:20:27:02:1.1-1.9,14:87S:170:09E,h607km,6km,mb4.9/406, Error ellipse: s-maj=13.6km s-min=11.9km az=124.0

NOU 09:20:27:02.9,14:91S:173:01E,h618km,mb4.9/98,Fiji Islands Region

GCMT 09:20:27:05.1-0.5,14:91S:0:05S:173:04E:0:05, h634km,4km, MW5.3/61, Moment Tensor Solution. s61.c71; Duration: h=0

ISC 09:20:27:02:50.4,14:88S:172:97E:0:04,h613km,4km, h614km-p-P,n954,dt096/888,mb4.9/236,13C-34D,

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

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

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

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like QSPA South Pole Qui, RPSI Rantau Prapat, and many others.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like M17K Holitna River, M17K Holitna River, and many others.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like L04D, H17K Granite Mounta, and many others.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Rows include Pine Mountain, Purcell Mounta, Purcell Mounta, Whale Pass, Yakutsk, Chitina Glacier, Chitina Glacier, Tonopah, Logan Glacier, Ketchikan, Ketchikan, Killisnoo, Killisnoo, Paxson, Mount Hood Mea, Mount Upton, Topopah Spring, Noatak River, Blythe, Campbell River, Windy Craggy, Windy Craggy, Port Angeles, Manley, Shalericuk Mo, Shalericuk Mo, Meloztina Rive, Tukpahlearik C, Tukpahlearik C, Nenan, Indian Mountai, Mount Kennedy, Nabesna, AK, Nabesna, AK, Green Mountain, Wood River Hill, Red Dog Mine, Mentasta, Eaglecrest, Pleasant Camp, Steele Glacier, Nelson, Edge Creek, AK, Edge Creek, AK, Clear Creek Bu, Minto, Yukon-K, Log Cabin Wild, Enumclaw, Harding Lake, Harding Lake, Sheep Range, Independent Ri, Independent Ri, Battle Mountai, Million Dollar, College, College, Avarant Lake, Allakaket, Delong Mountai, Outpost Mounta, Redstone River, Redstone River, Skagway, Elison Array, Elison Array, Talbot Arr, Haines Junctio, Troy Canyon, C, Troy Canyon, C, Pokr Plat Res, Pahroc Range, Hualapai Mount, Yukon River, Beaver Creek, Beaver Creek A, Sand Creek

Table with columns: ID, Name, Date, Time, Location, Status, etc. Rows include Utukok River, Salcha River, Altna River, Altna River, Ulaanbaatar, Mendhall, Noodor Dome, Bob Quinn, Bob Quinn, Noodor Dome, Bettles, Bettles, Aitshik Lake, Kuna River, Kuna River, Atlin, Atlin, Pilot Rock, Sunnyside, Joseph Creek, Joseph Creek, Telegraph Cree, Bananza Creek, Nigu River, Chicken, Chicken, Hamford, Somme Creek, Somme Creek, Kokolik River, Nakina River, Tongue River, Songino Array, Songino Array, Willow Creek R, Porcupine Dome, John River, Lookout Ridge, Etivluk River, Braeburn, Yuko, Braeburn, Yuko, Coldfoot, Spring Creek, Elko, Little Creek M, Hadweencz Riv, Hadweencz Riv, Kiliik River, Lilloet, L29M, L29M, Creek Min, Teslin, Yukon, Cedar City, Pine Spring, Wolina Farm, Minto, Yukon, Dease Lake, Anaktuvuk Pass, Blue Mountains, Tucson, Eagle, Eagle, Kanab, Shurtz Canyon, Jennings Riv, Watot Farm, Sta, Watot Farm, Sta, San Martin Ant, Bearman Lake, Colville Reser, Knifeblade Rid, Squaw Lake, Squaw Lake, Quiet Lake, Quiet Lake, Camas Ranch, Chandelar, Ayikyayk River, Ayikyayk River, Kandik River, Drury Creek, Y

Table with columns: ID, Name, Date, Time, Location, Status, etc. Rows include Drury Creek, Y, Barlow Dome, Meado River, Chrisman Ranch, Your Creek, Ikkipuk River, Klondike Camp, Klondike Camp, Toolik Lake Re, Nanushuk River, Miner Creek, Mount Pierson, Porcupine River, Faro, Yukon, Three Creeks R, Pearl Lake, Christian River, Steamboat Moun, Burnt Mountain, Ogilvie Camp, Ogilvie Camp, Big Grassy Moun, Hailey, Doyon Strip, Sheenjek River, Hart River, Lazy B Ranch, Happy Valley, Teshekpuk Lake, Teshekpuk Lake, Newport, Ikiilik River, Ikiilik River, Mount Dempster, Mount Dempster, Shilong, Whitestone, Whitestone, Franklin Bluff, Franklin Bluff, Sheldon Lake, Sheldon Lake, Castle Valley, Maple Canyon, Trail Mountain, Kavik River, Camp Tracy, Toad River Cou, Jordanelle, Coleen River, Hyd Airport, Old Crow, Cokes Peak, D, Cokes Peak, D, Pine Creek, Eagle Plains, Eagle Plains, Toone Canyon, Blindstream Ca, Peel River, Preston Nutter, Camden Bay, Jago River, Jago River, Atoh Zrail Nji, Atoh Zrail Nji, Babbage River, Babbage River, Dillon, Malcolm River, Malcolm River, Auburn Hatcher, Skern Mesa, Pa, Kotaneelee Air, Paradox Valley, Blow River, Limekiln Ridge, Barrier River, Satah River, Satah River, Fox Creek, Lhasa, Lhasa, Indian Meadow, Stokes Point, Horse Butte

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LOHW, BOZ, YHL, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like HFS, KMBO, AK03, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like FNA, ABTA, ABTA, etc.

IDC 09:20:27:57.6:12.0, 13:06N-143:69E, h174km-117km, mb3.2=1, mbmp3.6, MS3.9, 1, Error ellipse: s-maj=41.2km s-min=23.3km az=84.0, South of Mariana Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MJAR, WRA, CMAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Neurokopi, Kokkinochori, Thassos island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AOS2, Alonissos-2, Kanakale, Ayyv, etc.

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

ISC 09 21:22:48.6,0.8,0.35N,0.05,98.41E,0.09, h43km, n24, c=176/15, mb3.8/7, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like Pulau Batu, Gunungsitoli, Siboga, Saibi, Padang, Sinabang, Aceh, Pulau Pagai, Chiang Mai Arr, Diego Garcia H, Diego Garcia H, Diego Garcia H, Warramunga Arr, Alice Springs, Zalesovo Beam, Songoing Array, Makanchi Array, Zalesovo Beam, Borovoye Array, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, FINESS Array B, FINESS Array B.

NEIC 09 22:08:55.2, 1.5, 14.75N, 101.104, 34W, 0.08, h10km, 2km, mb4.4/30, Md4.3/37(MEX), Error ellipse: s-maj=16.9km s-min=13.2km az=198.0

IDC 09 22:08:55.2, 1.3, 14.82N, 104.85W, h0km, mb3.9/8, mbmp4.1/11, ML3.9/1, MS3.7/35, Error ellipse: s-maj=49.9km s-min=16.7km az=53.0

MEX 09 22:09:03.1, 0.4, 15.45N, 104.14W, h10km, Md4.3, ISC 09 22:08:59.7, 1.1, 15.35N, 109.004, 36W, 0.08, h10km, n12, c=2/03/74, mb4.3/19, MS3.8/31, Off coast of Michoacan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like MMIG Aquila, ZIIG Zihuatanejo, ZIIG Zihuatanejo, ZIIG Colima, CIHIG Colima, CIHIG Emiliano Zapata, CEGR Campo Tres, MINGA Volcan de Coli, MINGA Volcan de Coli, CJMA Chabela, SOMAC Volcano de Col, SOMAC Volcano de Col, JUBC Volcan de Coli, JUBC Volcan de Coli, INCO Volcan de Coli, INCO Volcan de Coli, CAIG El Cayaco, CAIG El Cayaco, ARIG Puente Sto Nin, ARIG Puente Sto Nin, MEIG Mezcala, MEIG Mezcala, MEIG Mezcala, MOIG Morelia, MOIG Morelia, PLIG Platanillo, PLIG Platanillo, TLIG Tlapa, YAG Yautepac, JRCG Juriquilla Cam, HOE1 SOCORRO T-PHAS, ZAIG Zacatecas, CMIG Matias Romero, SLBS Sierra La Lagu, LPIG La Paz, LPIG La Paz, HPIG Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar, DRIO Del Rio, ALPN Alpine, ALPN Alpine, JCTN Junction City, TEIG Tepich, 435B Jarrell, 435B Jarrell, MSTS Muleshoe, MSTS Las Juntas de, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, YUH Yutha Desert, WUAZ Wupatki, WUAZ Wupatki, PFO Pinyon Flats 0, PFO Pinyon Flats 0, PFO Pinyon Flats 0, MIAR Mount Ida, MIAR Mount Ida, W13A Hualapai Mount, X40A Basin Creek Fa, X40A Basin Creek Fa, T25A Trinidad, T25A Trinidad, SDCO Great Sand Dun, SDCO Great Sand Dun, V12A Nelson

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like 322A AUR Ranch, 322A AUR Ranch, GSC Goldstone, GSC Goldstone, KNB Kanab, KNB Kanab, TPNV Topopah Spring, MVU Marysville, MGMO Mountain Grove, ISCO Idaho Springs, T42A Van Buren, T42A Van Buren, TPH Tonopah, DUG Dunaway, DUG Dunaway, NVAR Mina Array, NVAR Mina Array, TKL Tuckaleechee C, PDAR Pinedale Array, PDAR Pinedale Array, YBH Yreka Blue Hor, ROSC El Rosal, ULM Lac du Bonnet, SADO Sadowa, SJG San Juan, BBB Bella Bella, RPN Rapa Nui, TAOE Nuku Hiva Isla, SAML Samuel, SAML Samuel, LPAZ La Paz, LPAZ La Paz, YKA Yellowknife Ar, RKT Rikitea, RKT Rikitea, SCHO Schefferville, MMYP Sheldon Lake, LVC Limon Verde, MDP Montagnes des, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, FRB Frobisher Bay, G31M Gatah River, PPT Papeete, PPT2 Papeete2, PPT2 Papeete2, PPT2 Papeete2, INK Inka, ILAR Eielson Array, ILAR Eielson Array, TBI Tubuai, RES Resolute Bay, REP Villa Florida, CPUP Capua, RAR Rarotonga, COYC Coyhaique, BORG Borzhomi, JMJC Jan Mayen, SPITS Spitsbergen Ar, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, TIXI Tiksi, ARCES ARCES Array B, NOA NORSAR Array B, MDT Midt, HFS Hagfors, FINES Fines Array B, DAVOX Davos/Dischmat, DRZM Mont Dumaz, VZAC Vranov, WRA Warramunga Arr, WRA Warramunga Arr

IDC 09 22:27:47.2, 8.1, 7.18N, 94.71E, h209km, 75km, mb3.5/7, mbmp3.9/8, MS3.2/1, Error ellipse: s-maj=59.0km s-min=18.5km az=57.0

NDI 09 22:27:51.9, 2.7, 7.82N, 95.77E, h202km, ML4.2, MW3.9, mb4.3(NEIC)

NEIC 09 22:27:53.5, 1.0, 7.4N, 0.1, 94.38E, 0.1, h257km, 12km, mb4.3/16, Error ellipse: s-maj=18.1km s-min=12.7km az=52.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like CMBY CAMPBELL BAY, CMBY CAMPBELL BAY, CMBY CAMPBELL BAY, CMBY CAMPBELL BAY, LHMI Lhok Sumawe, LHMI Lhok Sumawe, PBA Port Blair, PBA Port Blair, PBA Port Blair, PBA Port Blair, CMBY CAMPBELL BAY

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like PBA Nakansitram, SRIT DIGLIPUR, DGPUR DIGLIPUR, DGPUR DIGLIPUR, KULM Rantau Prapat, KULM Rantau Prapat, GSI Gunungsitoli, GSI Gunungsitoli, IPM Ipoh, BKNI Bangkinang, WYKON Kota Tinggi, CMH1 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, PHRA Phrae, IMP Imphal, KOHI KOHIMA, ZIRO ZIRO, NIL Niore, BOOM Boomschoyev, BOOM Boomschoyev, CHGR Chuyangaron, CHGR Chuyangaron, SIMJ Simigan, SIMJ Simigan, BTK Batken, BTK Batken, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, KKAR Kurchatov Array, KURBB Kurchatov Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, ASAR Alice Springs, BVAR Borovoye Array, BVAR Borovoye Array, ABKAR Abkulkul array, ABKAR Abkulkul array, KLR Kul'dur, BRTR Keskin Array B, BRTR Keskin Array B

IDC 09 22:30:10.6, 9.7, 2.15N, 128.40E, h163km, 92km, mb3.5/9, mbmp3.9/9, MS3.7/2, Error ellipse: s-maj=75.1km s-min=14.6km az=62.0

NEIC 09 22:30:12.4, 0.9, 2.1N, 0.1, 128.3E, 0.1, h174km, 9km, mb4.3/16, Error ellipse: s-maj=19.0km s-min=12.6km az=48.0

DJA 09 22:30:14.0, 0.9, 2.1N, 0.6, 128.3E, 0.1, h151km, 14km, ML4.07, MLV4.07

ISC 09 22:30:10.0, 0.6, 2.21N, 0.08, 128.29E, 0.09, h150km, n36, c=165/32, mb4.1/15, Halmahera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like TNTI Ternate, SWSI Stephens Creek, SANI Sanana, LUWI Luwuk, FAKI Fak Fak, TOLIZ Tolitoli, KNRA Kununurra, FITZ Fitzroy Crossi, WRO Warramunga Arr, WBA Warramunga Arr, WRA Warramunga Arr, YHNB Yeheng, YHNB Yeheng, PSAO Pilbara Seismi, PSAO Pilbara Seismi, AS31 Alice Springs, ASAR Alice Springs, GSI Gunungsitoli, CMAR Chiang Mai Arr, BBOO Buckleboob, BBOO Buckleboob, STKA Stephens Creek, STKA Stephens Creek, ARMA Armidale, ARMA Armidale, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, SHL Shillong, SHL Shillong, DZM Mont Dumaz, DZM Mont Dumaz, SONM Songoing Array, SONM Songoing Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr, KURK Kurchatov, KURK Kurchatov, BVAR Borovoye Array, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, B21K Ikpikpuk River, B21K Ikpikpuk River

NEIC 09 22:32:36.5±0.6, 36.842N, 0.010:97.69W, 0.01, h3km, 4km, mb_Lg2.9/79, ML3.3/48, ML3.5, Error ellipse: s-maj=1.4km s-min=1.3km az=127.0

NEIC 09 22:32:36.6±0.4, 36.842N, 0.010:97.70W, 0.01, h5km, 1km, Error ellipse: s-maj=1.5km s-min=1.3km az=210.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like GC02, KAN17, KAN14, etc.

Table with columns: ALPN, RSSD, K22A. Lists station codes and associated data.

NEIC 09 22:34:00.2±1.3, 46.10N, 0.011:120.45W, 0.03, h15km, 6km, Error ellipse: s-maj=3.5km s-min=0.8km az=65.0

SEA 09 22:34:00.4±0.8, 46.10N, 0.011:120.42W, 0.02, h18km, 6km, ML2.9/15, ML2.8/52(NEIC), Error ellipse: s-maj=3.0km s-min=0.8km az=50.0, Washington

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like TRW, BLTW, F07A, etc.

Table with columns: ALAN, GAZI, ANTB, KORT, etc. Lists station codes and associated data, including some with multiple entries and error ellipses.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like BANOM Banah, SHME Shamm, MDH Madha, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like OUEQC Ouen Island, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like WHYH Whyalla, BBOO Buckleboo, etc.

IDC 09 23:12:30.7±1.5, 18°41'Sx175°47'W, h233km, 13km, mb4.6/22, mbtmp5.2/24, Error ellipse: s-maj=11.0km s-min=9.6km az=124.0

NEIC 09 23:12:31.2±1.8, 18°48'S±0.09; 175°40'W±0.07, h232km, 2km, mb5.1/430, Error ellipse: s-maj=12.5km s-min=10.2km az=193.0

MOS 09 23:12:31.0±1.1, 18°42'S±175°49'W, h248km, mb5.2/24, Error ellipse: s-maj=10.4km s-min=8.2km az=5.0

BUJ 09 23:12:32.1, 17°9'S±175°31'W, h246km, mb4.9/51, mb5.0/24

NOU 09 23:12:32.7, 18°48'S±175°35'W, h255km, ML5.1/113, Tonga Islands

GCMT 09 23:12:34.2±0.1, 18°28'S±0.01; 175°15'W±0.01, h256km, MW5.3/129, Moment Tensor Solution

s107.c174; s129.c194; Duration: 1±1 Moment tensor: 1 Scale 10^17 Nm; Mr=0.61±0.02; Mw=0.01±0.02; Best double couple: M1=2.6000±0.017; M2=1.8±0.0000; M3=0.0000±0.0000

Error ellipse: s-maj=10.4km s-min=8.2km az=5.0 Principal axes: T=1.2740, P1g58.0000°, Azm143.0000°; N= -0.0160, P1g11.0000°, Azm35.0000°; P= -1.2580, P1g30.0000°, Azm299.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 09 23:12:31.8±0.3, 18°49'S±0.04; 175°43'W±0.03, h245km, 2km, h245km; pp-P, n987, c1±08/908, mb5.0/274, 42C-42D, Tonga Islands

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like CAN Canberra, CAN Townsville Har, PATS Pohnppei, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like WHYH Whyalla, BBOO Buckleboo, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like FUTU Futogata, NIUE Niue, AFI Afiamalu, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like SMRI Semarang, YOJ Yonaguni jima, STKI Sintang, SBUM Sibiu, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like P18K Big Mountain, H04A Detroit Lake, O17K Koliganek Bris, PINE Pine Mountain, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like CN2 CN2, BMO Blue Mountains, QIZ Qiongzhong, MFID Camas Ranch, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns for call sign (G3OM, SRDT, VNAZ, etc.), frequency, mode, and other technical details.

Table with columns for call sign (GTA, LPAZ, WMO, etc.), frequency, mode, and other technical details.

Table with columns for call sign (MORC, VRI, VRI, etc.), frequency, mode, and other technical details.

Table with columns for call sign (PKPbc, PKPbc, etc.), frequency, mode, and other technical details.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like ABTA Abfaltersbach, FETA Feichten, LIJU Ljubljana, FUORN Ofenpass-Fuorn, BOUS Bojanci, etc.

IDC 09 23:30:35.1,0.8,40.47N,79.52E,h0km,mb3.77, m1m3,7.13,ML3,1/6,MS3,1/6, Error ellipse: s-maj=18.7km s-min=12.6km az=47.0

MOS 09 23:30:36.8,0.8,40.50N,79.83E,h10km,mb4.1/4, Error ellipse: s-maj=8.8km s-min=5.0km az=133.1

KRNET 09 23:30:37.6,0.1,40.72N,79.71E,mb4.1, Error ellipse: s-maj=7.3km s-min=5.4km az=161.0

SOME 09 23:30:39.6,40.77N,79.48E,h10km,MS3.4, Error ellipse: s-maj=7.3km s-min=5.4km az=161.0

NINC 09 23:30:41.8,1.0,40.87N,79.54E,h0km,mb4.6,mpv4.3, Error ellipse: s-maj=7.3km s-min=5.4km az=161.0

ISC 09 23:30:37.0,7.4,40.66N,0.04,79.65E,0.03,h10km,n139, e279,204,mb3.8/9,MS3.4/4,47C-37D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like PRZ Przeval'sk, KDJ Kajisay, SHLS Shalkode, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like TNSS Tian-Shan, MDOK Medeo, KNDK Almaty, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, ARTI Arti, BELG Belgomye, etc.

10d 00:34:15.7, 28.11N, 128.03E, h9km, MW4.1, Moment Tensor Solution, s3, Moment tensor: Scale 10^15Nm; Mn:-0.01; Mw:1.31; Ms:1.30; Mo:-0.07; Ms0:-0.22; Mw0:0.48; Fault plane solution: Ms:1.40000x10^15 NP1: phi:139.000000, delta:81.000000, lambda:16.000000. NP2: phi:231.000000, delta:87.000000, lambda:-171.000000. JMA 10 00:34:15.7, 2.0, 28.11N, 128.03E, h9km, 2km, MD3.8/1.2, MV3.5/1.2, NW OFF OKINAWA, JIMA IS, Ryukyus Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like POPC Popayan, Colom, BBAC Balboa, Cauca, JAMC Jamundi, Valle JAMC, etc.

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

RSNC 10 01:32:06.4, 0.0, 2.2N, 147.76W, h30km, 8km, M1.2, ML1.5, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FLOC Florencia, POPC Popayan, Colom, GARC Garzon, Huila, TULM Tulcan-Chalpat, etc.

TAP 10 01:48:17.1, 24.55N, 122.82E, h75km, ML4.0, D JMA 10 01:48:17.0, 0.0, 24.55N, 122.82E, h78km, MV3.2/1.7, NW OFF IGHIGAKI, JIMA IS

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, YONG Yonaguni jima, E033 E033, etc.

ISC 10 00:30:02.0, 1.1, 6.16S, 133.41E, h0km, mb4.0/5, mbmp4.1/8, ML4.1/3, MS3.2/1, Error ellipse: s-maj=68.7km s-min=19.7km az=74.0 NEIC 10 00:30:03.4, 1.1, 5.97S, 133.9E, 0.1, h10km, mb4.3/7, Error ellipse: s-maj=23.0km s-min=6.7km az=85.0 DJA 10 00:30:08.4, 1.3, 6.18S, 133.3E, h10km, M4.4/5, mb4.7/2, mb5.1/1, ML4.2/5, Mw(mb)4.3/4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMPI Kaimana, Papua, FAKI Fak Fak, BNDI Bandanaira, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOF comp=2.1, 3nm, 0.2s, MSG, TOF, RNF, RNF, KMN, KMN, RAJF, RAJF, RAJF, RAJF, KEV, KEV, RANF, RANF, KU6, KU6.

IDC 10 01:28:03.6, 1.8, 13.62N, 120.69E, h0km, mb3.9/3, s-mb=26.5km az=71.0, Mindoro

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

RSNC 10 01:32:06.4, 0.0, 2.2N, 147.76W, h30km, 8km, M1.2, ML1.5, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FLOC Florencia, POPC Popayan, Colom, GARC Garzon, Huila, TULM Tulcan-Chalpat, etc.

TAP 10 01:48:17.1, 24.55N, 122.82E, h75km, ML4.0, D JMA 10 01:48:17.0, 0.0, 24.55N, 122.82E, h78km, MV3.2/1.7, NW OFF IGHIGAKI, JIMA IS

ISC 10 00:30:02.0, 1.1, 6.16S, 133.41E, h0km, mb4.0/5, mbmp4.1/8, ML4.1/3, MS3.2/1, Error ellipse: s-maj=68.7km s-min=19.7km az=74.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, YONG Yonaguni jima, E033 E033, etc.

Table with columns: YM08, YNNSB, NNS, NNSB, ETM, ETM, YHNB, YHNB, JISG, JISG, NSK, NSK, TWY, TWY, SHUL, SHUL, LXIB, LXIB, TWS1, TWS1, NTST, NTST, TEGC, TEGC, ESL, ESL, WHF, WHF, EGFH, EGFH, WARB, WARB, TDCB, TDCB, NFF, NFF, NCUH, NCUH, OWD, OWD, HGSD, HGSD, WUSB, WUSB, LIOB, LIOB, NSTT, NSTT, EHYH, EHYH, JTY, JTY, EHY, EHY, SBBC, SBBC, ECBN, ECBN, WHP, WHP, YULB, YULB, EYUL, EYUL, WCS, WCS, TWF1, TWF1, TWF1, TWF1, CHKH, CHKH, SSLB, SSLB, NMLH, NMLH, TWQ1, TWQ1, TYC, TYC, FULB, FULB, WHYT, WHYT, WDU, WDU, ECS, ECS, WJS, WJS, WNS, WNS, WNT, WNT

Table with columns: EDH, ALS, ELDTW, LDUT, LDUT, LONT, LONT, JIKM, JIKM, WJK, WJK, WDLH, WDLH, JM2, WCKO, WCKO, STYH, STYH, STYH, TWGBT, TWGBT, TWG, TWG, TWG, TWG, TTN, TPUB, TPUB, CHN4, CHN4, WTK, WTK, WTP, WTP, CHY, CHY, CHY, TWK, TWK, CHN1, CHN1, CHN1, SNST, SNST, SGST, SGST, SLGT, SLGT, ECL, ECL, ECHU, ECHU, CHN8, CHN8, SCST, SCST, TSMG, TSMG, TSMG, LAY, LAY, LYUB, LYUB, MASBT, MASBT, EAST, EAST, TAWH, TAWH, TSCK, TSCK, TSCK, SCZT, SCZT, VWUC, VWUC, PNG, PNG, PNG, PHUB, PHUB, PHUB, TWKBT, TWKBT, TWK1, TWK1, TWK1, WDG, WDG, WDG, VCHM, VCHM, VCHM, XPSS, XPSS, PTMZ, PTMZ, KMM, KMM, KNMB, KNMB, KNMB

Table with columns: NEIC 10 01:48:48.1, ISC 10 01:48:42.4, Code, Station Name, Delta, Az, Phase ID, Time, Res, Code, Station Name, Delta, Az, Phase ID, Time, Res, Code, Station Name, Delta, Az, Phase ID, Time, Res, Code, Station Name, Delta, Az, Phase ID, Time, Res

IDC 10 01:48:40.7, mb4.5/45, Error ellipse: s-maj=8.1km s-min=1.2km az=50.0

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, GUMQ Guamp, QULP Quiulipe, QLP Quiulipe, etc.

IDC 10 01:57:56.4,2.1,3.52Sx150.61E,h0km,mb3.5/4, mbtpp3.5/4, Error ellipse: s-maj=85.0km s-min=28.1km az=117.0, New Ireland region

Table with columns for station code, name, time, and status. Includes stations like PSA00, ARPS, MSVF, WAKE ISLAND, etc.

Table with columns for station code, name, time, and status. Includes stations like SSE Sheshan, IPM Ipoh, KULM Kulim, etc.

Table with columns for station code, name, time, and status. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, etc.

Table with columns for station name, frequency, power, polarization, and signal strength. Includes stations like HEH, PETK, ZEA, and many others.

Table with columns for station name, frequency, power, polarization, and signal strength. Includes stations like WMQ, DGAR, SDPT, and many others.

Table with columns for station name, frequency, power, polarization, and signal strength. Includes stations like MAW, H19K, SKT, and many others.

Table with columns: GRNC, Granite Creek, 86.09, 28, IAMS_20, IAMS_20, 02 50 50.5, etc. Lists various astronomical objects and their coordinates.

Table with columns: YKA, Yellowknife Ar, 99.09, 28, LR, LR, 02 55 39.7, etc. Lists various astronomical objects and their coordinates.

Table with columns: CLL, comp=N, 400nm, 20.7s, AMS, AMS, 03 17 00.0, etc. Lists various astronomical objects and their coordinates.

IDC 10 02:15:59.2+0.6, 8.07'S; 116:78E, h10km, mb4.1/12, mbmp4.2/14, ML3.6/2, Error ellipse: s-maj=19.6km, s-min=12.0km, az=66.0, NEIC 10 02:16:00.9+2.0, 8.14'S; 108:116:78E:0.06, h10km, 1km, mb4.5/18, Error ellipse: s-maj=13.2km s-min=10.6km, az=183.0, DJA 10 02:16:02.4+0.3, 8.5'S; 111:7E, h10km, M4.7/15, mb4.9/3, mb4.9/1, MLV4.6/15, Mw(mb)4.2/1, ISC 10 02:16:00.6+0.5, 8.16'S; 0:05:116:80E:0.04, h10km, n73, s=156775, mb4.3/18, 4C, Sumbawa region

Table with columns: KAPI, Lg, Lg, 02 18 15.3, BARS Barje, FRGS Fruska Gora, ZAPS Zavoje, BOSS Bosilegrad, etc.

IDC 10 02:47:27.9;0.9,6:66N-72:86W, h168km,9km,mb2.9/2, mbtmp3.6/4, Error ellipse: s-maj=31.8km s-min=8.0km az=131.0

RSNC 10 02:47:30.6;0.0,7:1N-7:3W, h145km,3km,M3.6,mb4.0, mb4.6,ML3.4,Mw(mb)3.3

ISC 10 02:47:27.4;0.9,6:86N-03:73:12W,0:04, h157km,6km, n46,+157/85,Northern Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: H03N1 Juan Fernandez, H03N3 Juan Fernandez, VAD1 Montagnes des, CPCT Cooper Cave, FNO Franklin, FNO Cape Girardeau, CGM3 Hardware Ranch, HWUT Pinedale Array, PDAR Pinedale Array, NVAR Mina Array, YHL Hebgren Lake, Q32M Nakina River, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, SNA5 Sanae, SNA6 Sanae, BCAR Beaver Creek A, TROLL Troll, EGAK Eagle, EGAD Sonseca Array, TORO Torodi Ar, TORB Torodi Ar, QSPA South Pole Qui, ILAR Eielson Array, H1N3 WAKE ISLAND Hyl12.44 289, H1N2 WAKE ISLAND Hyl12.45 289, H1N1 WAKE ISLAND Hyl12.45 289, H1S2 WAKE ISLAND Hyl12.67 288, H1S1 WAKE ISLAND Hyl12.67 288, H1S3 WAKE ISLAND Hyl12.68 288, KURBB Kurchatov Arr, KS19 Wonju Array S, KSAR Wonju Array Be, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

DJA 10 02:54:26.9;0.0,1:97N-76:19W, h4km,1km,M1.8,ML1.7, Peninsula, Sulawesi

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

NOU 10 02:57:18.9;35:35S-135:88E, h0km,ML4.2/9, Near Coast of South Australia

IDC 10 02:57:20.6;6.6,3:49S-175:83E, h0km, mbtmp3.5/3, ML3.4/3, Error ellipse: s-maj=59.0km s-min=30.1km az=14.0

AUST 10 02:57:20.1;0.4,35:53S-13:6E, h10km,3k9.7, ML3.4/13, Error ellipse: s-maj=8.7km s-min=4.9km az=59.7

ISC 10 02:57:18.3;1.1,3:35S-125:06E, h10km, n33,+173/37, Near coast of South Australia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

RHSSO 10 02:19:26.4;0.8,43:44N-20:65E, h4km,18km,ML1.7/6, BEO 10 02:19:27.0;0.2,43:38N-20:66E, h6km,2km,ML1.5/16, 2C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: OOD, Station Name, Time, Res, Pn, P, etc. Includes entries like Oodnadatta, Fort, Forrest, etc.

10d 02:58:55.1-1.1, 4.50S-153.32E, h0km, mb4.1/8, mbmp4.1/8, MS3.3/1, Error ellipse: s-maj=34.3km s-min=22.8km az=91.0

ISC 10 02:59:06.0-0.9, 4.65S-0.1-153.32E, h85km, n14, s=3500/15, mb4.0/8, New Ireland region

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like Port Moresby, DZM, WRA, etc.

10d 02:59:51.7-1.9, 36.41N-140.87E, h0km, mb3.8/6, mbmp3.8/6, ML3.4/2, Error ellipse: s-maj=47.7km s-min=24.5km az=53.0

NIED 10 03:00:03.6-0.1, 36.1N-140.01E, h66km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mn:3.48; Mw:0.44; Mw:3.04; Mo:0.34; Mw:0.42; Mw:2.16; Fault plane solution: Ms:3.950000x10^14 NP1:1.9.000000, s62.000000, s90.000000, NP2:1.89.000000, s28.000000, s90.000000

JMA 10 03:00:03.6-0.1, 36.1N-140.0E-0.4, h66km, MV3.2/39, SW IBARAKI PREF

JMA Feit J1 at SW IBARAKI PREF

ISC 10 03:00:02.9-0.9, 35.08N-140.02E, h0.06, h71km, 7km, n18, s=693/25, mb3.7/6, 3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like JYT, JAG, JRY, etc.

10d 03:19:38.0-1.4, 28.40S-177.27W, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=32.2km s-min=28.6km az=136.0

ISC 10 03:19:45.9-1.1, 28.65S-177.4W-0.2, h54km, n7, s=173/8, mb3.7/5, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like RAO, ASAR, WRA, etc.

Table with columns: TXAR, Station Name, Time, Res, P, PKPdf, etc. Includes entries like Lajitas Array, FINES, etc.

IDC 10 03:42:33.5-6.5, 01:50S-161.15E, h63km, 61km, mb3.6/6, mbmp4.0/7, ML3.4/1, MS3.4/1, Error ellipse: s-maj=39.6km s-min=28.5km az=164.0

ISC 10 03:42:33.0-0.9, 01:55S-0.1-161.15E, h62km, n15, s=065/7, mb3.9/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like HNR, DZM, WRA, ASAR, etc.

IDC 10 03:47:14.8-3.9, 4.04S-151.56E, h0km, mb3.4/2, mbmp3.4/2, Error ellipse: s-maj=150.7km s-min=51.9km az=117.0, New Britain region

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like WRA, ASAR, TORO, etc.

IDC 10 03:48:43.0-0.7, 6.66S-81.29W, h0km, mb4.1/10, mbmp4.1/13, ML3.6/3, MS3.7/1, Error ellipse: s-maj=29.3km s-min=16.2km az=52.0

VAO 10 03:48:45.0-0.9, 6.54S-81.23W, h10km, mb4.7

NEIC 10 03:48:50.6-2.0, 6.56S-81.20W-0.1, h38km, 7km, mb4.6/23, Error ellipse: s-maj=17.3km s-min=11.1km az=71.0

NEIC 10 03:48:56.6-1.8, 6.32S-80.90W-0.1, h44km, 8km, mb4.5/44, Error ellipse: s-maj=17.5km s-min=11.3km az=62.0

ISC 10 03:48:49.8-0.5, 6.58S-81.06W-0.08, h34km, n137, s=1830/102, mb4.4/35, MS3.6/8, 10C, Near coast of northern Peru

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like ATAH, NNA, OTAV, etc.

IDC 10 03:52:33.0-0.9, 35.08N-140.02E, h0.06, h71km, 7km, n18, s=693/25, mb3.7/6, 3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, Pn, P, etc. Includes entries like LPAZ, SAML, LVC, etc.

Table with columns: VILB, Station Name, Time, Res, P, Iamb, etc. Includes entries like Porto dos Gac, VILB, etc.

Table with columns: PDRB, Station Name, Time, Res, P, Iamb, etc. Includes entries like Mount Denham, ITTB, etc.

Table with columns: RPN, Station Name, Time, Res, P, Iamb, etc. Includes entries like Rapu Nui, IPMB, etc.

Table with columns: GDUU, Station Name, Time, Res, P, Iamb, etc. Includes entries like Guandou, B1B01, etc.

Table with columns: VHRN, Station Name, Time, Res, P, Iamb, etc. Includes entries like Smith Ranch, M FNO, etc.

Table with columns: ANMO, Station Name, Time, Res, P, Iamb, etc. Includes entries like Albuquerque, ANMO, etc.

Table with columns: CCUT, Station Name, Time, Res, P, Iamb, etc. Includes entries like Cedar City, CCUT, etc.

Table with columns: PDAR, Station Name, Time, Res, P, Iamb, etc. Includes entries like Pinedale Arr, PDAR, etc.

Table with columns: YERR, Station Name, Time, Res, P, Iamb, etc. Includes entries like Yerington, YERR, etc.

Table with columns: BELA, Station Name, Time, Res, P, Iamb, etc. Includes entries like Belgrano 2, DBIC, etc.

Table with columns: HYT, Station Name, Time, Res, P, Iamb, etc. Includes entries like Haines Junctio, HYT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like L29M, YUK8, G30M, F30M, EPYK, J29N, YUK3, I29M, DAWY, H29M, G29M, M27K, CRQE, E29M, I28M, L27K, EGAK, K26K, F28M, I27K, L26K, H27K, G27K, D27M, J26L, E27K, I26K, S26K, HARP, KLU, PAX, GLI, G26K, K24K, J25K, F26K, WAT6, SML, HDA, F25K, I24K, G25K, PMR, POKR, G24K, H24K, MCK, F24K, SONM, OHAK, E24K, I23K, SII, C24K, T24K, G23K, N20K, BPAW, POLD, CCLA, CAST, G22K, CHNA, P16K, J18K, D19K, M16K, H18K.

UPP 10 04:58:39.8±0.2, 58.73N:18.51E, h0km, ML2.1, Unknown
DNK 10 04:58:39.9±1.8, 58.73N:18.52E, h0km, ML2.4, Explosion
IDC 10 04:58:41.9±1.1, 58.89N:18.37E, h0km, mbtmp2.9/5, ML2.1/3, Error ellipse: s-maj=14.0km s-min=8.5km az=179.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NYNU, NYNU, NYNU, NYNU, NRTU, NRTU, GOTU, GOTU, UPP, UPP, ESKU, ESKU, FIBU, FIBU, BACU, BACU, FLYU, FLYU, SLIT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MTSE, RAF, HFS, BORU, MEL, DEL, BJUU, BSD, BSD, BSD, NOA, FINES, FINES, KEF, YAF, GERES, ARCES, PAJU, KLF, KLF, KLF, KTK1, KTK1, KALU, KALU, TOF, TOF, TOF, RNF, RNF, KMN, KMN, RAUF, RAUF, KEV, RANF, OUL, KUS, HUSU, HUSU.

HEL 10 04:58:46.8±0.5, 67.84N:20.16E, h0km, ML1.5, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LANU, LANU, LANU, SALU, KIF, PAJU, PAJU, PAJU, KLF, KLF, KTK1, KTK1, KALU, KALU, TOF, TOF, TOF, RNF, RNF, KMN, KMN, RAUF, RAUF, KEV, RANF, OUL, KUS, HUSU, HUSU.

HEL 10 04:58:49.1±0.4, 59.08N:19.48E, h0km, ML2.1, Explosion
DNK 10 04:58:54.8±0.5, 58.74N:18.46E, h0km, ML2.5(UPP), Explosion
UPP 10 04:58:54.4±0.2, 58.74N:18.45E, h0km, ML2.5, Unknown
ISC 10 04:58:46.8±1.2, 58.98N:0.06:19.49E:0.05, h0km, n19, az=94.0, Baltic Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NYNU, NYNU, NYNU, NYNU, NRTU, NRTU, AAL, AAL, AAL, GOTU, GOTU, GOTU, FLYU, FLYU, FLYU, FIBU, FIBU, BACU, BACU, ESKU, ESKU, RAUF, RAUF, RAUF, KPF, KPF, KPF, KEF, KEF, KEF.

WEL 10 05:06:59.2±0.6, 42.5S:17.4E, h5km, d4km, M2.5/6, ML2.6/7, ML2.5/6, Error ellipse: s-maj=4.0km s-min=2.8km az=114.3, confirmed, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MOLW, MOLW, KHZ, KHZ, KHZ, KIKS, KIKS, KEKS, KEKS, BSWZ, BSWZ, THZ, THZ, TUWZ, TUWZ, UNZ, UNZ, GNVZ, GNVZ, TCW, TCW, FOUA, FOUA, LTZ, LTZ, DUWZ, DUWZ, DRZ, DRZ, OXZ, OXZ.

IDC 10 05:11:42.5±1.3, 26.68S:178.26W, h274km, 14km, mb2.9/4, mbtmp3.8/6, Error ellipse: s-maj=27.9km s-min=23.6km az=49.0
ISC 10 05:11:41.8±0.8, 26.55S:178.3W±0.2, h250km, n12, az=192/13, mb3.0/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, ASAR, WRA, MJAR, TXAR, NOA, HFS, AKAS, MMAL, EKA.

DNK 10 05:14:21.5±1.8, 58.77N:18.55E, h0km, ML2.4, Explosion
UPP 10 05:14:21.2±0.2, 58.77N:18.55E, h0km, ML2.8, Unknown
IDC 10 05:14:24.6±2.0, 58.97N:18.41E, h0km, mbtmp3.0/4, ML2.2/4, Error ellipse: s-maj=25.5km s-min=7.8km az=179.0
HEL 10 05:14:24.0±0.3, 58.77N:18.90E, h0km, ML2.3, Explosion
ISC 10 05:14:20.6±0.8, 58.77N:18.55E±0.03, h0km, n43, az=192/62, Baltic Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NYNU, NYNU, NYNU, NRTU, NRTU, NRTU, GOTU, GOTU, GOTU, UPP, UPP, UPP, ESKU, ESKU, FIBU, FIBU, FIBU, BACU, BACU, BACU, BYXU, BYXU, BYXU, GRAU, GRAU, AAL, AAL, AAL, OSTU, OSTU, OSTU, FORU, FORU, FORU, BYXU, BYXU, SLIT, SLIT, MTSE, MTSE, RAUF, RAUF, RAUF, RAUF.

HFS Hagfors 2.85 301 Pn 05 15 08.5 +1.3
HFS Hagfors 2.85 301 Pn 05 15 11.7 -0.5
HFS Hagfors 2.85 301 Pn 05 15 47.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MEF, MEF, MEF, DEL, DEL, DEL, NUR, NUR, NUR, PVF, PVF, PVF, BSD, BSD, BSD, NOA, NOA, NOA, FINES, FINES, FINES, KPF, KPF, KPF, KEF, KEF, KEF.

UPP 10 05:35:51.7±0.2, 58.77N:18.57E, h0km, ML2.4, Unknown
DNK 10 05:35:51.9±1.6, 58.73N:18.59E, h0km, ML2.5, Explosion
HEL 10 05:35:51.1±0.9, 58.73N:18.13E, h0km, ML2.1, Explosion
IDC 10 05:35:56.0±0.9, 59.11N:18.38E, h0km, mbtmp3.3/5, ML2.1/4, Error ellipse: s-maj=11.1km s-min=6.6km az=5.0
ISC 10 05:35:52.1±0.8, 58.77N:18.55E±0.03, h0km, n51, az=192/60, Baltic Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NYNU, NYNU, NYNU, NYNU, NRTU, NRTU, NRTU, GOTU, GOTU, GOTU, UPP, UPP, UPP, ESKU, ESKU, FIBU, FIBU, BACU, BACU, FLYU, FLYU, GRAU, GRAU, AAL, AAL, AAL, OSTU, OSTU, OSTU, FORU, FORU, FORU, BYXU, BYXU, BYXU, SLIT, SLIT, SLIT.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MORW Morawa, KLBRR Kellerberrin, JOW Kunigami, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KLR Kul'dur, HHC Hu-ho-hao-te, BTO Baotou, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SATY Saty, SATY Saty, K15K Saty, etc.

Table with columns for station ID, name, coordinates, elevation, and status. Includes stations like PMR Palmer, DZA Taraz, D19K Kuna River, etc.

Table with columns for station ID, name, coordinates, elevation, and status. Includes stations like E23K Chandalar, D23K Nanushuk River, J25K Salcha River, etc.

Table with columns for station ID, name, coordinates, elevation, and status. Includes stations like J30M Hart River, P32M Atlin, I30M Mount Dempster, etc.

SDD 10 05:58:54.1.2.20:05N:67:71W, h45km, 443km, MD2.5, ML2.5, MW2.5
RSRP 10 05:59:00.0.19:47N:65:33W, h56km, 25km, MD2.9/3
NEIC 10 05:59:00.51.8.19:42N:07:65:36W, 0.09, h35km, 2km,
ML2.16, MD2.9/3(RSPR), 11 C-2D, Error ellipse:
s-max=15.2km s-min=11.9km az=67.0, Puerto Rico
region

Table with columns for Code, Station Name, Az, Phase ID, Time Res, and ISC. Includes stations like GCPR Guaynabo City, GCPR comp=N, 30nm, 1.8s, etc.

Table with columns: CD2, comp, name, time, status, and other details. Includes entries like CHIV, SHLS, AKTO, etc.

Table with columns: KSH, Kashi, time, status, and other details. Includes entries like KSH, Kashi, KSH, etc.

Table with columns: ORIF, Oris-en-Rattie, time, status, and other details. Includes entries like ORIF, Oris-en-Rattie, TEOL, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ROSC, BAUV, PBEJ, PBAR, MESJ, PTEO, MATE, MORF, PVAQ, BR131, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like JAOM, JHUJ, BSO1, MAJO, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like NRN, MNAS, EKS2, MRKS, etc.

IDC 10 07:10:33.9.0.8, 32°21'N:141°85'E, h0km, mb4.0/14, mbmp4.0/16, ML3.4/2, MS3.2/6, Error ellipse: s-maj=28.0km s-min=16.0km az=64.0

NIED 10 07:30:34.4, 32°23'N:142°06'E, h22km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M0:2.88; Mw:1.61; Mb:4.49; Mf:1.46; Mo:1.10; Mv:2.15; Fault plane solution: Mo:4.71000x10^14 NP1:0.310000°, 0.65.00000°, 1.116.00000°. NP2:0.162.00000°, 0.85.00000°, 1.47.00000°

JMA 10 07:10:34.4, 0.4, 32°1'N:141°2'E, h22km, MV4.0/23, FAR E OF IZU ISLANDS

ISC 10 07:10:37.6.0.7, 32°16'N:05°141'35E:0.09, h29km, n32, c137/38, mb4.1/14, MS3.4/4, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAOM Aogashimamukai, JHU2 Mitsune, JHU3 Hachiojima 2, JHU4 45nm,0.3s, etc.

IDC 10 07:25:17.6.1.1, 0°24'S:120°27'E, h0km, mb3.8/6, mbmp3.9/8, ML4.0/2, MS3.5/3, Error ellipse: s-maj=50.4km s-min=16.2km az=80.0

NEIC 10 07:25:20.4.2.0, 0°25'S:120°15'E:0.09, h10km, 1km, mb4.1/6, Error ellipse: s-maj=15.7km s-min=8.9km az=67.0

DJA 10 07:25:21.5.1.3, 0°S:4°12'E, h11km, 1km, MA.5/9, mb4.7/1, mb4.7/1, MLV4.9/Mw(MB)3.9/1

ISC 10 07:25:22.4.0.7, 0°24'S:120°06'E:0.06, h32km, n31, c1540/30, mb3.9/10, MS3.5/3, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOL12 Tolitoli, APS1 Ampanga, LWI1 Luwuk, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR Matushihro Arr, USKR Ussuriysk Ar, USKR Ussuriysk Ar, etc.

ISK 10 07:33:30.8, 37°43'N:35°90'E, h14km, ML3.3/30 AFAD 10 07:33:31.0, 0.0, 37°42'N:35°84'E, h33km, 2km, MW3.6

ISC 10 07:33:31.7, 1.0, 37°43'N:02°35'88E:0.02, h18km, 3km, n54, c084/80, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOZT Kozan, AKO Adana, AKO Adana, etc.

IDC 10 07:33:43.1.2.7, 30°11'S:177°11'W, h0km, mb3.9/3, mbmp3.9/4, ML3.3/1, Error ellipse: s-maj=51.4km s-min=24.4km az=78.0

ISC 10 07:33:45.2.5.3, 30°1'S:177°0'W:0.3, h24km, n8, c043/7, mb4.0/4, 2C, Keremede Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, URZ Urewera, URZ Urewera, etc.

AFAD 10 07:38:15.2.0.0, 39°58'N:25°97'E, h11km, 1km, ML2.2 ISK 10 07:38:15.1, 39°59'N:26°01'E, h5km, ML2.5/17

ATH 10 07:38:16.0, 39°57'N:25°97'E, h9km, 3km, ML2.2/2, Error ellipse: s-maj=3.5km s-min=0.9km az=234.0

ISC 10 07:38:15.4.0.9, 39°58'N:02°25'98E:0.03, h13km, 6km, n94, c082/55, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOCA Canakkale, KOCA Canakkale, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EZN Ezine, EZN Ezine, SIGRI SIGRI, etc.

IDC 10 07:38:22.7.1.6, 21°04'S:178°85'W, h587km, 19km, mb3.1/4, mbmp4.1/7, Error ellipse: s-maj=37.7km s-min=19.1km az=36.0

ISC 10 07:38:21.7.1.4, 20°39'S:178°7'W:0.2, h600km, n9, c0594/13, mb3.9/6, 2C, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonavau, MSVF Nonavau, DZM Mont Dzumac, etc.

IDC 10 07:38:36.2.1.1, 48°21'N:152°27'E, h0km, mb3.7/5, mbmp3.7/5, MS3.7/3, Error ellipse: s-maj=37.9km s-min=30.1km az=66.0

MOS 10 07:38:48.0.1.0, 47°88'N:153°07'E, h2km, mb4.2/1, Error ellipse: s-maj=48.9km s-min=21.1km az=56.2

SKHL 10 07:38:48.3.0.4, 48°40'N:153°00'E, h128km, 7km, mb4.7/4, msh5.7/4

JMA 10 07:38:58.8.0.9, 47°N:8°15'3E:1°0, h180km, MV3.8/10, KURILE ISLANDS REGION

ISC 10 07:38:49.1.0.8, 48°6'N:1°15'24E:0.1, h100km, n26, c313/30, mb3.6/5, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: CCM, CCOIG, TEIG, CMIG, TLI, OTAV, ROSC, SDV, SDV, SDV, ATAH, HKT, HKT, 83G, 83JA, SBM, VBMS, 154A, NATX, NATX, 143A, 435B, 247A, DRIO, DRIO, 237A, GOGA, TBGT, 49A, 49A, Z41A, Y52A, Y52A, WHTX, CZSB, WLAB, X48A, FW13, HODGE, X51A, JSC, HP1G, PLAL, TXAR, TXAR, TX31, SWET, W52A, BG3, PLPT, UALR, Z35A, BIRD, MIAR, FW03, H06E1, KM5C, V48A, TKL, TKL, X37A, V53A, CLTN, WTF5, MNHN, FCAR, LCAR, U49A, ODSA, X34A, POST, U54A, PBMO, AT7A, WMOK, T42A, U38A, CGM3, TEFE, SIUC, T57A, SMWD, OK051, WCI, MSTX, R49A, CCM

Table with columns: CCM, R50A, AMTX, BOAV, R55A, Q44A, P49A, Q56A, ETMB, P38A, O49A, O48B, MCWV, R32A, KSU1, MACA, O54A, SDMM, ANMO, MVL, SSPA, SAML, SAML, WYNY, MVCO, LPAZ, WUAZ, J59A, MDP, SADO, ITTB, O20A, PKCU, SRU, MTPU, PFO, P18A, VILB, VILB, VILB, TMUT, MVU, NPGS, BSUT, TPNV, TPNV, PDAR, PDAR, PDAR, PDRB, HWUT, PTLB, PTLB, PTLB, AHID, BBSO, SNOW, TPWA, ELK, ELK, D62A, NV11, NVAR, NVAR, LHV, BMN, ULM, ULM, ULM, DGMT, DGMT, BATG, BATG, HLID, SALV, SNDB, BMO, BDMN, MURT, A47A, AQDB, RPN, YBH, H03N2, H03N1, H03N3, NEW, E07A, MXC, SCHO, SCHO, BDBF, BDBF

Table with columns: BDFB, BDFB, SJPY, CPUP, EDM, SDBA, IPMB, JANB, BBB, PLCA, DLBC, RKT, SFJD, M29M, L29M, I30M, I30M, INK, J26L, F28M, I26K, HDA, IL31, ILAR, ILAR, ILAR, PPT2, I23K, BORG, TBI, G21K, F21K, F21K, JMJC, ESDC, MDT, SPITS, NOA, HAVS, DVOX, AKAS, SNAI, SONM, KSRP, ASAR, ASAR, WRA, WRA, FITZ, CMAR, UPA, CATAC, Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OQ2D, CNIC Niles Canyon, AFDM Forest Hills D, WENL Wente Vineyard, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KTBS, MDOK Medeo, MDOH, BTLS Baital, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SOME 10 08:49:03.6, 42:00N-81:53E, h0km, Northern Xinjiang, UZB Uzyunbulak, etc.

10C 10 08:51:16.9-1.8, 1.06N-97.17E, h0km, mb3.9/9, mbmp3.9/10, ML4.5/1, MS3.4/4, Error ellipse: s-maj=58.7km s-min=19.9km az=57.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 10 08:51:23.0-0.6, 1.1N-4.9E, h25km, 5km, M4.1/10, ISK 10 08:51:20.5-1.0, 1.08N-109.97E, h125km, m47, etc.

NNC 10 08:48:52.6-1.9, 42.61N-74.09E, h0km, mb2.3, mpv2.6, Error ellipse: s-maj=20.6km s-min=8.3km az=177.0

SOME 10 08:48:53.8, 42.58N-74.07E, h15km, KNET 10 08:48:52.0, 42.56N-74.08E, h20km, 4km, ml1.2, 12C-6D, Error ellipse: s-maj=2.6km s-min=2.2km az=112.0, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EKS2 Erin-Say, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WRB Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKR Makanchi Array, MJAR Matsushiro Arr, etc.

Gll 10 08:53:31.5-0.3, 37.60N-0.04-36:37E, h100km, Mw3.2, confirmed, AFAD 10 08:53:31.6, 37.44N-35.89E, h28km, MW3.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KOZ Kozan, AKO Adana, ANDN Andirir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YAHY Kahramanmaras, KMRS Kahramanmaras, HCB Kahramanmara, etc.

UPA 10 08:54:48.8-2.2, 7.39N-80.62W, h0km, 13km, ML3.7, 2C-10, Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CACAO El Cacao, Vera, CACHO Achiutos, Los Marias, etc.

NIED 10 08:57:04.7, 42.68N-141.98E, h32km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

JMA 10 08:57:04.7-0.1, 42.71N-142.00E, h32km, 1km, MW3.5/40, 11D, ISHIKARI DEPRESSION, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JB2 Biratori 2, JEW Eniwo, etc.

IDC 10 09:08:22.2-0.8, 37.46N-35.90E, h0km, mb3.9/11, mbmp3.9/19, ML4.0/7, MS3.0/7, Error ellipse: s-maj=14.0km s-min=11.3km az=53.0

AFAD 10 09:08:24.0-4.0, 37.43N-35.85E, h7km, 4km, MW4.1, NEIC 10 09:08:24.4-1.5, 37.40N-35.90E, h10km, 1km, mb4.3/10, Error ellipse: s-maj=9.0km s-min=8.0km az=173.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KOZT Kozan, AKO Adana, ANDN Andirir, etc.

Table with columns for station name, coordinates, and status. Includes stations like KAMA, CMRD, YAHY, KAYSERI, etc.

Table with columns for station name, coordinates, and status. Includes stations like BFO, Black Forest, SENIN, Lac-Senin/Sane, etc.

Table with columns for station name, coordinates, and status. Includes stations like HAMF, Hammerfest, KEV, Kevo, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like GZH, CNSH, WHN, JNU, KRSR, HNS, GYA, XAN, BJI, JGF, SLVN, CD2, HJH, KMI, DAV, MJAR, HHC, PZH, BTO, JSD, XLT.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like XLT, MYLMD, USA0B, PHRA, GUMU, SBUM, HIA, TNTI, ASAJ, JKA, KLR, HEH, GOMU, SHL, YSS, KAPI, WMQ, ZSN, YAK, MK31, MKAR, MTN, MAKZ, PETK, WUS, SHLS, UZB, KPKS, SATY, ZHN, MA2, ZAAO, ZALV, ZALV, TDK, KNRA, MDOK.

10d 9h

Table with columns for station code, name, frequency, and signal strength. Includes stations like SEM, KSH, KUU, KURK, KURKB, AAK, SGDS, BTLS, COEN, BRZS, GAR, KKAR, IUG, WBO, WRA, WRA, WRA, WB2, BRLS, WR0, TIXI, TIXI, BVAR, BVAR, NRK, NRK, NRK, AS31, ASAR, ASAR, ASAR, HNR, CTA, ABKAR, AKTO, WSAR, STKA, STKA, KIRV, BELG, M16K, D19K, D19K, N16K, CHNA, K17K, F19K, DZM, B20K, E19K, E19K, D20K, CHGN, E20K, H19K, L18K, F20K, C21K, J19K, B21K, H20K, E21K, E21K, B22K, GNI, L19K, F21K, J20K, G21K, D22K, H21K, F22K, KBZ, KBZ, BTO, E22K, E22K, KIV, C23K, G22K, D23K, D23K.

10d 10th

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like H22K, CAST, COLD, N20K, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like INK, I30M, L29M, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like KKAR, IUG, IUG, TRKS, etc.

IDC 10 10:01:10.3:5.8, 37.08N:72.06E, h137km=42km, mb3.4/4, mbmp3.8/10, Error ellipse: s-maj=53.1km s-min=32.9km az=155.0

NNC 10 10:01:19.0:3.6, 37.83N:71.98E, h170km=51km, mb3.0, mpv3.9, Error ellipse: s-maj=36.6km s-min=18.3km az=9.0

ISC 10 10:01:11.1:1.5, 37.33N:0.1719E, 0.1, h130km, n2.0, c186423, mb3.6/4, 3C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like AML, UCH, EKS2, etc.

RSNC 10 10:02:29.8:0.0, 5.1N:17.4W, h142km=3km, M1.9, ML1.7, Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like SPBC, CHIC, CHIC, etc.

SJA 10 10:07:03.4:0.7, 23.02S:69.05W, h89km, 5km, ML3.8, MW3.8

GUC 10 10:07:04.3:0.8, 23.04S:69.10W, h94km, 5km, ML3.9

ISC 10 10:07:05.6:1.4, 23.00S:69.09W, 0.06, h79km=12km, n18, c09729, 1C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like LVC, LVC, LVC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AF01, PB04, PB14, TA01, TA02, etc.

NEIC 10 10:20:49.2±2.6, 55.99N, 0.10±10.149, 2W, 0.1, h8km, 7km, mb3.7/2, ML3.9/42, ML3.7(AEIC), Error ellipse: s-maj=13.9km s-min=9.4km az=171.0

AEIC 10 10:20:54.6±1.0, 56.10N, 0.10±10.149, 4W, 0.1, h11km, 7km, Error ellipse: s-maj=14.5km s-min=9.2km az=172.0

ISC 10 10:20:49.3±1.2, 56.10N, 0.09±149.36W, 0.06, h10km, n137, s1921/133, Gulf of Alaska

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHAK, KDKA, SI, SI, etc.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like N17K, KIAG, GLOB, etc.

NEIC 10 10:24:53.8±0.8, 35.68N, 0.02±97.08W, 0.02, h6km, 6km, mb_L93.2/112, ML3.3/48, ML3.6, Error ellipse: s-maj=2.9km s-min=1.4km az=129.0

NEIC 10 10:24:53.2±1.8, 35.71N, 0.02±97.13W, 0.02, h5km, 2km, Error ellipse: s-maj=4.1km s-min=3.0km az=315.0, Oklahoma

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADOK, OK029, OK031, etc.

Table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELIS, WFTS, U38A, etc.

BUI 10 10:27:58.9, 18.67N, 95.38E, h5km, mb4.9/70, mb5.0/38, ML5.1/2, Ms4.7/66, Ms7.4/62

IDC 10 10:28:02.2±0.4, 19.03N, 95.57E, h0km, mb4.8/33, mbmp4.8/36, ML4.1/3, MS3.9/35, Error ellipse: s-maj=12.8km s-min=8.0km az=45.0

NEIC 10 10:28:04.6±1.5, 19.03N, 0.06±95.61E, 0.07, h10km, 1km, mb5.1/211, Error ellipse: s-maj=12.1km s-min=9.4km az=224.0

MOS 10 10:28:05.2±0.9, 19.12N, 95.62E, h30km, mb5.2/60, Error ellipse: s-maj=6.9km s-min=3.6km az=120.5

DJA 10 10:28:05.9±1.7, 19.19N, 95.66E, h18km, 12km, M5.5/22, mb5.8/8, mb5.2/22, MLv6.0/3, Mw(m)h5.3/9

NDI 10 10:28:08.3±4.3, 18.85N, 95.49E, h10km, ML4.2, MW4.1, mb5.5, (I/NEIC)

ISC 10 10:28:05.2±0.5, 18.94N, 0.03±95.46E, 0.03, h18km, 2km, h18km±P, n869, r195/850, mb5.1/241, MS3.9/52, 48C-26D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHTO, CHTO, CM31, etc.

10d 10h

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like CMAR Chiang Mai Arr, PHRA Phrae, BRDH Bariahdaha, etc.

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Table with columns for station code, name, frequency, power, and coordinates. Includes stations like GOMU GeErMu, LGTI Lohaghat, AKL Akola, etc.

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Table with columns for station code, name, frequency, power, and coordinates. Includes stations like NACB Ninganchiao, HNS HongShan, BTO Baotou, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AAK, Ala-Archa, GAR, Garm, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ZALV, Zalesovo Beam, BRZS, Berezinski, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like BELG, Belogoroye, KBZ, Khabab, etc.

Table with columns: STKA, Stephens Creek, 67.14 138c, P, P, 10 38 57.9 -0.2, 10 38 57.8 -0.1, 10 38 59.3 +0.6

Table with columns: SQT, Sankt Quirin, 72.50 315 eP, P, P, 10 39 30.4 -0.8, 10 39 31.0 -0.5, 10 39 32.5 +0.4

Table with columns: AKASG, Malin Array Be, 60.56 318 P, P, 10 38 13.6 -0.9, 10 38 13.6 -0.9, 10 38 13.6 -0.9

10d 11h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like R32K Eaglecrest, Q32M Nakina River, R33M Jennings River, etc.

NEIC 10 10:41:17.4±1.3, 6:58S; 0.08±148.90E±0.09, h35km±2km, mb4.4/43, Error ellipse: s-maj=20.8km s-min=4.5km

IDC 10 10:41:20.3±1.6, 6:41S; 148.72E±h70km±13km, mb3.8/11, mbmp4.1/13, MS4.0/37, Error ellipse: s-maj=22.8km

GCMT 10 10:41:22.4±0.3, 6:58S; 0.02±148.88E±0.02, h32km±1km, MW4.9/69, Moment Tensor Solution. s37,c41; s69,c90; Duration: 0 Moment tensor: Scale 10^10Nm; Mr2.09±.18; Mw0.42±.11; Mw0.33±.10; Mn1.26±.12; Mw0.42±.07; Mw0.52±.14; Best double couple: M6.6270000, NP2: 0p21.00000, 63.10000, 106.00000; Principal axes: T 2.4940, P1g73.0000, Azm321.0000; N 0.3470, P1g87.0000, Azm73.0000; P -2.8410, P1g15.0000; Azm170.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 10:41:18.9±0.5, 6:49S; 0.06±148.89E±0.07, h53km±11, n11, c132/88, mb4.3/28, MS4.0/35, New Britain region

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 BULLU Kimbe, PMG Port Moresby, RABL Jabul, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like DZM Mont Dzumac, ARMA Armidale, WPKA Warakurna, etc.

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Table with columns: EKA Eskdalemuir Ar, TORD Torodi Ar, etc. Includes station names, coordinates, and error rates.

IDC 10 10:57:26.2±3.9, 5:14S; 149.89E±h0km, mb2.9/2, mbmp3.9/7, ML2.2/1, Error ellipse: s-maj=141.6km

ISC 10 10:57:55.0±1.3, 6:83S; 0.2±149.7E±0.3, h50km±9, c1922/11, mb3.7/5, New Britain region

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 PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 10 11:11:03.0±0.9, 22:09S; 179.17W±h57km±10km, mb4.0/24, mbmp4.9/28, Error ellipse: s-maj=11.0km

NEIC 10 11:11:03.5±2.2, 22:06S; 0.09±179.16W±0.03, h51km±6km, mb4.6/16, Error ellipse: s-maj=13.8km

NOU 10 11:11:03.8, 22:08S; 179.18W±h59km±10km, mb4.5/16, South of Fiji Islands

ISC 10 11:11:02.4±0.3, 22:12S; 0.05±179.17W±0.05, h57km±11, c1922/539, mb4.6/11, c16-9D, South of Fiji 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 PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CCB Clear Creek Bu, L27K Beaver Creek, and many others.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like G29M Pine Creek, F28M Old Crow, and many others.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MAUC Maruska, PVCC Panska Ves, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VINA Juan Vinas, PCAYA Pacayas, BELE Belen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QRZ Quartz Range, ORZ Nelson, MNRZ Matariki Terra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUZ Kaotunu, RUGZ Raukumara Rang, WIZ White Island, etc.

NOU 10 11:48:08.8, 40'48S-173'36E, h189km, MLV4, 1/15, Cook Strait, New Zealand
WEL 10 11:48:12.0, 0.8, 40' S, 173'36E, h152km, 6km, M3, 9/108, MLV3, 9/108, Error ellipse: s-maj=7.2km s-min=3.9km

ISC 10 11:57:41.8, 0.8, 17'38N-147'76E, h0km, n21, 1819/22, mb2.4/12, Mariana Islands region

ISC 10 11:57:38.6, 2.5, 17'48N-147'70E, h0km, mb3.8/9, mbmp3.8/10, ML3.8/1, Error ellipse: s-maj=79.6km s-min=19.5km az=87.0

10d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array.

IDC 10 12:06:33.4:14.0,4.29N-96.27E,h0km,mb3.1/2, mbtmp3.2/3,ML3.8/1,Error ellipse: s-maj=385.5km s-min=48.5km az=78.0,Northern Sumatera

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

IDC 10 12:22:11.2:765.0,52.21N-33.34E,h0km,Error ellipse: s-maj=363.5km s-min=107.3km az=30.0,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRASO.

JMA 10 12:59:39.9:0.1,22.8N,104.4,121.6E,0.5,h34km,MV3.3/16, TAIWAN REGION

TAP 10 12:59:39.6:22.80N,121.68E,h4km,ML3.6,C ASIES 10 12:59:39.6:22.80N,121.68E,h4km,ML3.6,Mw3.3

Moment Tensor Solution. Moment tensor: Scale 10^20Nm; Mrr:9.45; Mth:0.08; Mtt:9.58; Mtr:0.66; Mtr:5.09; Mtr:5.22; Fault plane solution: M2,1.00690x10^21 NP1;

ISC 10 12:59:39.9:1.0,22.81N,104.4,121.69E,0.02,h14km,7km, n130,s190/162,1D,Taiwan region

Main table listing stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LDUT Ludao, EDH Donghe, CHKH Chenggong, ECS Chishang, LONT Lont, FULB Fuli, ECBN Changbin, EHD Haiduan, TWGBT Beinan, TWG Pinlang, EYUL Yuli, TWF1 Yuli, YULB Yu-li, ECL Taimali, HGLD Ruisui, ELDTW Lidau, EHYH Wanrong, EHY Hungye, LAY Lan-yu, LYUB Lan-yu, TAW Tauw, TAWH Dawu Township, EAST Anshuo, TEGC Jichi Village, STYH Taoyuan, WARBTF Fenglin Townsh, TSMG Majia, SLGT Liugui, SHUL Shoufeng, MASBT Mashibuluo, ESL Shilin, SGST Jianshan, TEVL Yanliu Villag, ALS Alisshan, SCZT Fangliu, WTP Ta-pu, TPUB Ta-pu, SCST Cishan, SGLT Jiouru, CHN1 Nanshi, CHN1 Nanshi, CHN4 Tsaushan, CHN4.

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Main table listing stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ETM Tongmen, TWMT Shoushan, WHYT Xin Township, SNST Tainan City, WCKO Fanlu, TWKBT Hengchun, SSSL Suanglung, TWK1 Hengchun, HEN Hengchun, TWK Hsiuying, TWK, CHNS Tsauling, CHNS, LXIB Xuliu Township, OWD Renai, CHN3 Shinhua, CHN3, TWD Chiawan, WWSB Gushan, CHN2 Minshiang, TYC Yuchr, WJS Zhushan, WJS, ETL Fush Village, CHY Chiayi, CHY, WGK Gukeng, WGK, NACB Ninganchiao, NACB, WDLH Douliu, WDLH, WHF Helian Shan, ETLH Xiulin Townshi, ICHU Yijhu, ICHU, WNT Mingjian, WNT, SCLT Jiali, EOS4 EOS4, EOS4, WCS Beijing Elemen, CHN8 Yiju, WTK Tuk, WTK, TSCK Chigu Township, TSCK, WSL Shulin Townsh, EOS3 EOS3, EOS3, WFS Szuhi, ENA Nanau, WHP Taichung City, TCU Taichung, NNSB Datong, NNSB Nan Shan, EOS2 EOS2, LATG Datong, TWQ1 Liyutan, TWQ1, ESOAO Su ao, TWC Suao, WDJ Dajia District, NNSD Sanyi, NNSD Dongshan, ENT T Nioudou, YHNB Yeheng, YHNB, NSK Sanguang, NFF Wufeng Townshi, TWE Neicheng, NMLH Miaoli, NMLH, NSTT Nanjuang, WDG Dunggji, LIOB Emei, FUSB Fushanzhiwuyua, NWLT Wulai, PHUB Penghu, PHUB, VCHM Qimei.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIBP Shuangxi, SX11 Grass Mountain, HATJ Hateruma jima, YMO1 YMO1, IRIF Iriomote-Funau, JKRS Kuro-shima, JIJ Ishigaki jima, JISG Ishigakijimahi, JISG, VWUC VWUC, PTMZ Houtsiangcun, JTJ Tarama, JTJ, KNMB Chin-men Tao, MATB Ma-tsu, JIRB Irabujima, ZPLA Ao Xicun, JMJ2 Miyako jima3, JJKM Kurchatov Arr, JOGS Gusuokube, MHZQ Yeshan.

IDC 10 13:18:34.8:1.4,14.18N,125.51E,h0km,mb3.8/7, mbtmp3.8/7,MS3.0/3,Error ellipse: s-maj=62.8km s-min=19.4km az=65.0,Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ Hachijo jima 2, CMAR Chiang Mai Arr, WRA Warramunga Arr, SOMN Songino Array, ASAR Alice Springs, PETK Petropavlovsk, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, ILAR Eielson Array.

IDC 10 13:34:14.1:1.8,2.20N-122.03E,h0km,mb3.4/3, mbtmp3.4/3,Error ellipse: s-maj=189.3km s-min=28.8km az=61.0,Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, ILAR Eielson Array.

IDC 10 13:45:48.3:2.6,14.14N,124.29E,h0km,mb3.5/4, mbtmp3.5/4,Error ellipse: s-maj=217.8km s-min=22.9km az=64.0,Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

ASIES 10 13:51:15.3:23.09N,120.70E,h7km,ML3.8,Mw3.5, Moment Tensor Solution. Moment tensor: Scale 10^21Nm;

Fault plane solution: M2,2.3094x10^21 NP1; q:6.62000; lambda:177.36000; r:3.92000; NP2,q:96.80000; r:89.08000; lambda:177.36000; r:3.92000; Principal axes: T,Plg0.9080; Azm51.7460; N,Plg85.2750; Azm152.8010; P,Plg4.6360; Azm321.6730;

JMA 10 13:51:15.2:0.2,23.1N,102.7E,0.8,h0km,MV3.7/17, TAIWAN REGION

TAP 10 13:51:15.3:23.09N,120.70E,h7km,ML3.8,C ISC 10 13:51:15.7:0.8,23.09N,102.7E,0.01,h9km,4km, n144,s121/246,27C-14D,Taiwan

Main table listing stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STYH Taoyuan, STYH, SLGT Liugui, SLGT, SGST Jianshan, SGST, WTP Ta-pu, WTP, CHN1 Nanshi, CHN1, TPUB Ta-pu, TPUB, SNST Tainan City, SNST, TWK Hsiuying, TWK, CHN4 Tsaushan, CHN4, SCST Cishan, SCST, ELDTW Lidau, ELDTW.

Table with columns for station name, coordinates, and predicted values. Stations include CHN3, SHHT, WCKO, TWMT, SSHA, TSMG, SGLT, ALS, ALS, TWG, TWG, LONT, LONT, TWGBT, TWGBT, TWGBT, EHD, EHD, ICHU, ICHU, SCLT, SNJT, ECS, ECS, MASBT, MASBT, CHY, CHY, CHN2, CHN2, CHN5, CHN5, CHN8, TTN, TTN, ECL, ECL, FULB, FULB, EDH, EDH, TSCK, TSCK, WSSB, WSSB, TWFF, TWFF, WFK, WFK, WSL, WSL, WDLH, WDLH, WDLH, WHYT, WHYT, EYUL, EYUL, EYUL, YULB, YULB, YULB, CHKH, CHKH, WTK, WTK, WTK, WSF, WSF, EHY, EHY, EHY, EAST, EAST, EAST, EHYH, EHYH, SCZT, SCZT, SCZT, ECBN, ECBN, WJS, WJS, WJS, SSLB, SSLB, SSLB.

Table with columns for station name, coordinates, and predicted values. Stations include SSBL, TAW, TAW, TAWH, TAWH, HGSD, WNT, WNT, WNT, LDUT, LDUT, TYC, TYC, EGFH, EGFH, WARB, WARB, WARBT, OWD, OWD, WGDG, WGDG, WGDG, WUSB, WUSB, WUSB, WCS, WCS, WCS, ESL, ESL, TEGC, TEGC, TEGC, SHUL, SHUL, SHUL, TCU, TCU, TCU, PHUB, PHUB, PHUB, TEYL, TEYL, ETM, ETM, ETM, LXIB, LXIB, LXIB, TWK1, TWK1, TWK1, TWKBT, TWKBT, TWKBT, PNG, PNG, PNG, WHF, WHF, WHF, VCHM, VCHM, VCHM, WHP, WHP, WHP, TDCB, TDCB, TDCB, TWT, TWT, TWT, WDJ, WDJ, WDJ, WDJ, TWQ1, TWQ1, TWQ1, TWD, TWD, TWD, TWD, LAY, LAY, LAY, NSY, NSY, NSY, ETLH, ETLH, ETLH, LYUB, LYUB, LYUB, NACB, NACB, NACB, ETL, ETL, ETL, ETL, NMLH, NMLH, NMLH, NNSB, NNSB, NNSB, NNS, NNS, NNS, EAHA, EAHA, EAHA, NSTT, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, NFF, NFF, NFF.

Table with columns for station name, coordinates, and predicted values. Stations include NFF, LATG, ENA, EWUT, NSK, YHNB, YHNB, YHNB, SBCE, ENTT, ENTT, NDS, EOSA, EOSA, ESAO, NNLW, TWC, TWE, FUSB, FUSB, FUSB, EGS, TWS1, TIPB, YMO1, YMO1, WVUC, ANP, SXI1, SXI1, PTMZ, PTMZ, JYNG, YOJ, YOJ, KNMB, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JUI, JUI, JISG, JISG, JISG, JIRB, JIRB, JIMJ, JIMJ, JIMJ.

IDC 10 13:54:00 8.0 7.12S, 105.14E, h0km, mb4.3/19, mbmp4.3/20, ML=4.8, MSI=7.7, Error ellipse: mb4.4/25, Error ellipse: s=11.2km, sz=50.0

DJA 10 13:54:06 6.1 3.7S, 7.10E, h24km=14km, M4.4/10, MLv4.4/10

NEIC 10 13:54:07 4.2 1.72S, 107.10E, 0.03, h47km=8km, mb4.4/25, Error ellipse: s=10.9km, sz=10.4km, az=190.0

ISC 10 13:54:04 8.0 5.73AS, 0.06, 104.94E, 0.05, h35km, n74, a=1927/69, mb4.4/29, MS3.5/7, Southwest of Sumatera

Table with columns for Code, Station Name, coordinates, Phase ID, Time, and Res. Stations include SKJI, SKJI, KASI, KASI, DBJI, DBJI, BLSI, TNG, TNG, CNJI, CNJI, LWF, LWF, LEM, LEM, XMS, XMS, CMJI, CMJI, MNAI, MNAI, PMBI, PMBI, UGM, UGM, JAGI, JAGI, KAPI, KAPI, TOL2, TOL2, SOEI, SOEI, SOEI, FITZ, FITZ, FITZ, FITZ, KNRA, KNRA, PHRA, PHRA, CMAR, CMAR, MTN, MTN, MTN, CHTO, CHTO, CHTO, NWAO, NWAO, H01W, H01W, H01W, H01W, WBO, WBO, WBO, WRA, WRA, WRA, H08S, H08S, H08S.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Alice Springs, Diego Garcia, Stephens Creek, etc.

IGIL 10 14:08:23.3, 43°53'N; 16°08'W, h13km, ML2.9
MDD 10 14:08:23.8, 1.0, 43°45'N; 15°70'W, h0km, MbD.0/16,
M_m103.4/13, Error ellipse: s-maj=7.4km s-min=5.6km
az=116.0

INMG 10 14:08:26.2, 2.0, 43°53'N; 16°08'W, h13km, ML2.8, Error
ellipse: s-maj=9.0km s-min=7.2km az=81.0
ISC 10 14:08:26.4, 3.9, 43°3N.0; 15.4W.0; 2, h10km, n3s,
e132/60, 11C, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Mazariacos, Zamans, Agolada, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Castelo Branco, Marv?o, Estremoz, etc.

UPA 10 14:20:46.3, 1.8, 83°4N; 82°33'W, h16km, g3km, MD3.6,
ML3.4, MW3.6, 2C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Petroterminale, David, Pedregal, etc.

AEIC 10 14:27:29.9, 1.4, 56°1'N; 0°1'148'7W, 0.1, h7km, 7km, Error
ellipse: s-maj=16.3km s-min=8.0km az=175.0

NEIC 10 14:27:28.6, 2.1, 56°31'N; 0°10'148'8W, 0.1, h21km, 10km,
ML3.5/40, ML3.4(AEIC), Error ellipse: s-maj=15.1km
s-min=6.9km az=162.0, Gulf of Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kodiak Island, OIAK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Cirque, Chignik, Kulu, etc.

IDC 10 14:31:44.0, 1.9, 0°57'S; 124°98'E, h0km, mb3.1/3,
mbtm3.2/3, Error ellipse: s-maj=193.6km s-min=27.9km
az=63.0

DJA 10 14:31:47.4, 0.6, 0°0'5' S; 6°12' 16' E, h10km, M3.76, MLv3.7/6
ISC 10 14:31:44.0, 1.6, 0.0S, 0°1:125.8E, 0.2, h10km, n8, e1427,
mb3.1/3, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Cibinong, Sanana, Luwli, etc.

ASAR Alice Springs 24.80 162 P P 14 37 05.5 -0.9

MKAR Makanchi Array 60.13 327 P P 14 41 53.4 +1.6

IDC 10 14:47:22.3, 1.1, 43°78'N; 88°23'E, h0km, mb3.7/2,
mbtm3.6/7, ML3.0/4, Error ellipse: s-maj=32.2km
az=43.0

SOME 10 14:47:23.0, 44°03'N; 86°70'E, h5km
NNC 10 14:47:24.4, 4.3, 44°14'N; 88°40'E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=31.0km s-min=23.7km az=117.0
ISC 10 14:47:24.7, 1.1, 43°32'N; 0°08'88'34E, 0.07, h10km, n18,
e303/28, 14C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Zaisan, Los Naranjos, etc.

MK31 Makanchi Array 5.14 306 P Pn 14 48 43.4 +1.7

MK31 Makanchi Array 5.14 306 Pn 14 48 43.0 +1.3

MKAR Makanchi Array 5.14 306 Pn 14 48 43.0 +1.3

MKAR Makanchi Array 5.14 306 Pn 14 48 43.0 +1.3

MAKZ Makanchi 5.33 305 P Pn 14 48 46.1 +1.7

MAKZ Makanchi 5.33 305 Pn 14 48 45.6 -0.2

DJR Jarkent 6.17 277 eP Pn 14 48 56.5 +0.6

PDGK Podgornoye 6.45 268 P Pn 14 49 00.1 +0.3

PDGK Podgornoye 6.45 268 Pn 14 49 01.6 +3.1

SHLS Shalkode 6.50 266 eP Pn 14 48 57.1 -3.3

SHLS Shalkode 6.50 266 Pn 14 50 04.7 -1.0

KAPS Kapalarasan 6.56 285 eP Pn 14 49 02.9 +1.7

KAPS Kapalarasan 6.56 285 Pn 14 50 15.2 -0.8

UZB Uzunbulak 6.82 267 eS Sn 14 50 19.1 -3.4

MDOK Medeo 8.24 269 Sn Sn 14 51 06.5 +9.0

KURBB Kurchatov Arra 9.45 319 P Pn 14 49 38.1 -2.6

KURBB Kurchatov Arra 9.45 319 Pn 14 49 40.8 +0.1

KURBB Kurchatov Arra 9.45 319 Sn 14 51 24.0 -3.0

KURBB Kurchatov Arra 9.45 319 Pn 14 49 37.7 -3.3

KURK Kurchatov 9.47 319 P Pn 14 49 37.7 -3.3

KURK Kurchatov 9.47 319 Pn 14 51 24.1 -3.3

ZALV Zalesovo Beam 10.30 348 Pn 14 49 53.5 +1.1

ZALV Zalesovo Beam 10.30 348 Pn 14 51 44.5 -3.3

WRA Warramunga Arr 76.24 136 P P 14 59 12.4 -0.9

ASAR Alice Springs 79.17 138 P 14 59 28.4 -1.3

SOME 10 14:48:28.4, 42.35'N; 76.45'E, h15km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists various stations like ULHL, BOOM, KDJ, KST, MTBS, TNSS, TKM2, MDOK, NRN, DGS, KBK, KTBS, CHMS, UCH, KRBS, KUJ, CHKK, SATY, ZHN, KURS, KPKS, UZB, ARXS, MRKS, BTLS.

IDC 10 15:00:39.6, 3.8, 15.275S; 129.82E, h0km, mbtmp3.6/4, ML3.7/4, Error ellipse: s-maj=41.3km s-min=20.9km

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

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

IDC 10 15:01:28.7, 5.3, 36.10'N; 71.04'E, h189km, 53km, mb3.4/5, mbtmp3.8/9, MS3.5/1, Error ellipse: s-maj=57.9km

NNC 10 15:01:43.4, 0.5, 8.37'N; 71.27'E, h236km, 94km, mb2.3, mpv3.4, Error ellipse: s-maj=68.7km s-min=33.7km az=7.0

ISC 10 15:01:31.8, 1.7, 36.6'N; 0.1, 70.9'E, 0.1, h188km, n13, z=46/15, mb3.7/4, 3C-11, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like KK31, AAK, TKM2, MKAR, AB31, BVAR, AKTO, ZALV, FINES, ARCES, HFS, MBAR, TORD.

IDC 10 15:06:59.2, 1.0, 6.23'S; 143.63'E, h0km, mb3.8/10, mbtmp3.8/13, ML2.6/2, MS2.0/1, Error ellipse: s-maj=32.3km s-min=17.7km az=76.0

ISC 10 15:07:01.5, 0.9, 6.35'N; 0.1, 143.6'E, 0.1, h10km, n14, c092/11, mb3.8/10, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like PMG, CTA, WRA, WRA, ASAR, ASAR, FITZ, STKA, CMAR, USRK, SONM, MKAR, ZALV, KURBS, QSPA, BVAR.

IDC 10 15:16:21.9, 2.1, 26.73'N; 126.69'E, h0km, mb3.6/7, mbtmp3.6/7, MS3.3/3, Error ellipse: s-maj=66.5km s-min=27.5km az=71.0

JMA 10 15:16:23.4, 0.4, 28.1'N; 0.7, 128.0'E, 0.9, h13km, 4km, MV3.2/14, NW OFF OKINAWA, JAMA IS

ISC 10 15:16:26.6, 1.8, 27.99'N; 0.07, 128.14'E, 0.06, h30km, 16km, n20, c140/23, mb3.4/7, MS3.4/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like JOKE, JTK, JAMN, JAMN, JIH, JYRO, JOW, JAM, JAM, JAGN, JJK, JZ3, JKE, SONM, SONM, CMAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like ZALV, KURBS, WRA, BVAR, BVAR, BRTR.

IDC 10 15:16:24.0, 1.5, 27.75'N; 129.96'E, h0km, mb3.8/5, mbtmp3.9/6, ML4.1/1, MS2.9/3, Error ellipse: s-maj=143.6km s-min=20.7km az=68.0

DJA 10 15:16:28.4, 0.4, 3'S; 5.13'OE, h10km, M3.6/7, MLv3.6/7

ISC 10 15:16:28.9, 0.2, 8.26'S; 0.08, 129.89'E, 0.07, h25km, n21, c147/17, mb4.0/6, Sermas

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like MSAI, AAI, FAKI, SWI, NLAJ, TOLJ, MTN, KDU, KAPI, WRA, QIS, ASAR, ASAR, ASO1, WRKA, OOD, STKA, ASAJ, PETK, MKAR, BVAR, BVAR.

AUST 10 15:34:10.2, 0.7, 34'S; 3'11'7E, h3km, 2km, ML0.9/2, Error ellipse: s-maj=6.5km s-min=4.3km az=147.2

Western Australia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like LM01, LM01, LM02, LM03, LM02, LM04, RKGY.

IDC 10 15:55:31.7, 1.3, 1.18'S; 120.57'E, h0km, mb3.5/4, mbtmp3.5/5, ML3.4/1, MS2.8/1, Error ellipse: s-maj=59.0km s-min=20.9km az=70.0

DJA 10 15:55:35.7, 0.6, 1'S; 5.12'OE, h10km, M3.9/7, MLv3.9/7

ISC 10 15:55:34.3, 1.3, 1.20'S; 0.09, 120.0E, 0.1, h10km, n8, c300/9, mb3.4/4, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like APSI, LNUK, BUNI, KAPI, KAPI, WRA, ASAR, MKAR, KURBS.

RSNC 10 15:56:44.5, 0.0, 7'N; 1.73'W, h142km, 2km, M2.8, mb3.5, ML2.6, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like BARC, BRUC, BRUC, PAMC, RUSC, RUSC, PUERTO BERRIO, CVER, TAMC, TAMC, OCAC, OCAC, SPBC, ZARC, ZARC, NORC, NORC, CHIC, CHIC, ROSC, ROSC, CVER, CVER, UREC, UREC, GUY2C, GUY2C, VILC, VILC, PTGC, PTGC, RECR, RECR, REGR, REGR, CBOC, CBOC, DBBC, DBBC, ANIL, ANIL.

10d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARGC Ariguaní, Magd, PRAC Prado, ORTC Ortega, Tolima, APARTADO Apartado, Choc, PLMCC San Jos del P, etc.

DJA 10 16:01:12.8;2.2,6'N;13°12'7E:1'5, h75km,56km, M4,0/5, mb4.0/1, MLV4.0/5

IDC 10 16:01:13.5;2.7,5;56N:125°65E, h73km,31km, mb3.4/6, mbmp3.7/6, Error ellipse: s-maj=88.3km s-min=15.7km az=72.0

ISC 10 16:01:15.0;1.5,5.8N;0°3'126.1E:0°8', h100km, n7km, az=126.0/10, mb3.5/6, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), FITZ Fitzroy Crossi, WARR Warrungarra Arr, etc.

IDC 10 16:12:34.0;2.2,7'23N:125°22E, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=230.2km s-min=21.1km az=65.0, Mindanao

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

IDC 10 16:17:40.8;1.0,31'47S:178°54W, h0km, mb4.2/3, mbmp4.2/3, Error ellipse: s-maj=42.0km s-min=33.6km az=68.0

ISC 10 16:17:49.1;1.0,31'4S:02°178'6W:0.3, h61km, n15, az=52/13, mb4.2/5, 2C, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, GSPA South Pole Qui, etc.

NEIC 10 16:18:27.0;1.4,10'90S:0°08'162'38E:0'09, h35km,2km, mb5.1/157, Error ellipse: s-maj=17.0km s-min=11.6km az=55.0

BUI 10 16:18:28.6,10'50S:162°16E, h41km, mb4.7/35, MB5.0/12, Ms4.7/13, Ms7.4/4/15

IDC 10 16:18:28.5;0.7,10'92S:162°14E, h50km,5km, mb4.2/17, mbmp4.6/19, MS4.1/46, Error ellipse: s-maj=17.1km s-min=11.4km az=124.0

GCMT 10 16:18:29.0;0.2,11'00S:0°01'162'33E:0'01, h46km,1km, MW5.2/121, Moment Tensor Solution. s91,c140

s121,c191, Duration: I=0 Moment tensor: Scale 10^16 N/m, M=1.45E-18, Mw=4.04E-14, Mw5.49E-14

M=2.52E-15, Mw=2.13E-13, Mw2.07E-13, Best double couple: M7.83800E+016 NP1=9.162E+000; 876.000000, lambda=157.000000, NP2=6.600000, 867.000000, lambda=15.000000, Principal axes: T 7.8330, Plg6.0000, Azm292.0000; N 0.0110, Plg63.0000, Azm191.0000; P -7.8440, Plg26.0000, Azm25.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 10 16:18:29.8,10'84S:162°43E, h65km, mb5.2/44, Solomon Islands

MOS 10 16:18:29.5;0.8,10'88S:162°21E, h41km, mb5.1/20, Error ellipse: s-maj=10.6km s-min=8.9km az=118.5

ISC 10 16:18:29.3;0.4,10'98S:0°04'163°35E:0'04, h47km,3km, h46km;pp-P.n515, s139/435, mb5.0/124, MS4.2/52, 10C-17D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, VLAKA Lakatoro

10d OCT

Table with columns: KOUNC Koumac, New Ca, LIFUNC Koumac, New Ca, LIFUNC LIFOU, etc.

PMG Port Moresby 15.03 275 P P 16 22 00.6 -1.8

PMG Port Moresby 15.03 275 /P P 16 22 01.1 -1.3

TARA Tarawa 16.15 41 P Pn 16 22 12.8 +0.7

NONSavu Nonsavu 16.62 116 P P 16 22 20.1 0.0

NONSavu Nonsavu 16.62 116 P P 16 22 20.3 +0.3

NONSavu Nonsavu 16.62 116 /P P 16 22 21.0 +0.9

NONSavu Nonsavu 16.62 116 /P P 16 22 21.5 +0.3

NONSavu Nonsavu 16.62 116 /P P 16 22 22.6 +0.9

NONSavu Nonsavu 16.62 116 /P P 16 22 23.7 +1.1

NONSavu Nonsavu 16.62 116 /P P 16 22 35.7 +2.8

NONSavu Nonsavu 16.62 116 /P P 16 22 35.7 +1.1

NONSavu Nonsavu 16.62 116 /P P 16 22 35.3 -1.5

NONSavu Nonsavu 16.62 116 /P P 16 22 47.6 +0.8

NONSavu Nonsavu 16.62 116 /P P 16 22 48.4 +1.6

NONSavu Nonsavu 16.62 116 /P P 16 23 15.9 -0.3

NONSavu Nonsavu 16.62 116 /P P 16 23 17.3 +1.2

NONSavu Nonsavu 16.62 116 /P P 16 23 37.8 +0.4

NONSavu Nonsavu 16.62 116 /P P 16 23 43.6 +1.1

NONSavu Nonsavu 16.62 116 /P P 16 23 56.1 +2.7

NONSavu Nonsavu 16.62 116 /P P 16 24 05.8 +1.2

NONSavu Nonsavu 16.62 116 /P P 16 24 07.8 +0.9

NONSavu Nonsavu 16.62 116 /P P 16 24 16.2 -0.7

NONSavu Nonsavu 16.62 116 /P P 16 24 16.8 -0.6

NONSavu Nonsavu 16.62 116 /P P 16 24 19.9 +2.5

NONSavu Nonsavu 16.62 116 /P P 16 24 17.9 +0.5

NONSavu Nonsavu 16.62 116 /P P 16 24 29.6 +1.5

NONSavu Nonsavu 16.62 116 /P P 16 35 32.5

NONSavu Nonsavu 16.62 116 /P P 16 24 19.3 +1.9

NONSavu Nonsavu 16.62 116 /P P 16 24 17.1 -0.6

NONSavu Nonsavu 16.62 116 /P P 16 24 18.4

NONSavu Nonsavu 16.62 116 /P P 16 24 17.7 -0.7

NONSavu Nonsavu 16.62 116 /P P 16 24 19.1

NONSavu Nonsavu 16.62 116 /P P 16 24 17.9 -0.5

NONSavu Nonsavu 16.62 116 /P P 16 24 17.8 -0.7

NONSavu Nonsavu 16.62 116 /P P 16 24 19.2

NONSavu Nonsavu 16.62 116 /P P 16 24 16.8 -1.7

NONSavu Nonsavu 16.62 116 /P P 16 24 18.1 -0.5

NONSavu Nonsavu 16.62 116 /P P 16 28 58.2 -4.2

NONSavu Nonsavu 16.62 116 /P P 16 31 06.3 -1.5

NONSavu Nonsavu 16.62 116 /P P 16 36 02.9

NONSavu Nonsavu 16.62 116 /P P 16 24 26.5 0.0

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Table with columns: KAPI Kappang, KAPI Kappang, KAPI Kappang, etc.

Chichijima 42.61 333 LR 16 41 29.1

Taitoi 43.04 284 P P 16 26 20.9 -2.9

Plampang 43.93 269 P P 16 26 31.0 0.0

Meekatharra 43.99 243 P P 16 26 32.2 +0.8

Kellerberrin 45.95 236 P P 16 26 46.8 -0.1

Lahad Datu 46.50 288 P P 16 26 51.1 -0.3

Singaraja 46.54 269 P P 16 27 13.8 +2.2

Morawa 46.74 240 P P 16 26 53.2 +0.1

Morawa 46.75 235 P P 16 26 53.5 +0.3

Morawa 46.75 235 P P 16 26 53.2 +0.1

Morawa 46.75 235 P P 16 26 53.2 +0.1

Morawa 46.75 235 P P 16 26 53.2 +0.1

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Morawa 46.75 235 P P 16 26 53.2 +0.1

Morawa 46.75 235 P P 16 26 53.2 +0.1

10d 16h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like G26K Porcupine River, M30M Minto, Yukon, etc.

2018 OCT

Main table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like KSH Kashi, DLMT Dillon, KURK Kurchatov, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SX1I Grass Mountain, SX1I Heban, SX1I Neicheng, etc.

TAP 10 16:31:0,24:53N:122:72E, h73km, ML2,9,D
JMA 10 16:31:31,2d,0.1,24:52N:122:72E,0:5,h70km,1km,
MVO 0:14,NW OFF ISHIGAKIJIMA IS
ISC 10 16:31:31,4:1,3,24:47N,104:122:75E,0:0:3,h71km,7km,
n90, n18/189,1C-2D,Taiwan region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other technical details. Includes stations like JYNG Yonagunijimaku, JYNG Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Santa Ana, Ortega, Tolima, Manizales, Prado, Ciudad Bolivar, Villavicencio.

BUI 10 17:34:18.1, 0.79N; 121.90E, h10km, mb4.7/46, mB5.0/14, Ms4.3/6, Ms7.4/05

NEIC 10 17:23:26.1, 1.6, 1.22N; 0.05; 121.56E; 0.04, h10km; 1km, mb4.9/74, Error ellipse: s-maj=8.2km s-min=5.9km az=186.0

DJA 10 17:34:24.8, 0.3, 1.1N; 3.12E, h10km, M4.7/16, mB5.0/13, mB5.0/9, MLv4.9/16, Mw(mB)4.4/9

GCMT 10 17:34:25.6, 0.4, 1.43N; 0.04; 121.52E; 0.03, h23km; 1km, MW4.8/66, Moment Tensor Solution. s28, c31; 107, s66, c80;

Duration: 0 Moment tensor: Scale 10^19Nm; M1-1.98; M2-1.4; M3-0.35; M4-0.3; Best double couple: M1: 846000; M2: 1016000; NP1: 347.0000; NP2: 343.0000; NP3: 103.0000; NP4: 186.0000; NP5: 844.0000; NP6: 76.0000; Principal axes: T 1.6370, P1g2.0000; Azm86.0000; N 0.4190, P1g10.0000; Azm356.0000; P -2.0540, P1g8.0000; Azm186.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 10 17:34:28.6, 2.2, 1.26N; 121.73E, h50km; 20km, mb4.1/22, mbtmp4.4/25, ML4.6/3, MS3.4/19 Error ellipse: s-maj=21.3km s-min=10.4km az=70.0

ISC 10 17:34:24.0, 1.3, 1.23N; 0.05; 121.56E; 0.05, h15km; 8km, n176, e1931/166, mb4.7/71, MS3.4/20, 3C-1D, Minahassa Peninsula, Sulawesi

Main table of station data for the 10d 17h period, listing station names, coordinates, and seismic parameters.

Main table of station data for the 2018 OCT period, listing station names, coordinates, and seismic parameters.

Main table of station data for the 574 period, listing station names, coordinates, and seismic parameters.

10d 18h

Table with columns: SUMG, Summit, 11.72 259, i P, S, Pn, 17 59 08.8 -0.1, 18 01 07.5 -1.2, 18 01 27.3

NEIC 10 17:58:16.6:1.7, 35.40N:0.02:96.48W:0.02, h3km, 6km, mb_Lg2.1/15, ML2.4/36, ML2.6, Error ellipse: s-maj=2.6km s-min=1.9km az=129.0

NEIC 10 17:58:17.1:1.4, 35.42N:0.02:96.52W:0.03, h15km, 5km, Error ellipse: s-maj=4.1km s-min=1.9km az=134.0

Main table for Oklahoma stations including Leonard, Battle Ridge R, Franklin, Quoy, Pawnee Station, etc.

MOS 10 18:02:29.7:1.4, 50.22N:97.27E, h10km, mb3.7/1, Error ellipse: s-maj=13.0km s-min=11.3km az=12.3

IDC 10 18:02:31.5:1.7, 50.43N:97.32E, h0km, mb3.0/5, ML2.4/5, Error ellipse: s-maj=41.2km s-min=14.2km az=7.0

ASRS 10 18:02:35.0:0.3, 51.1N:2.9E, h8km, ML4.5/16, Error ellipse: s-maj=3.5km s-min=2.9km az=28.5, confirmed

ISC 10 18:02:34.8:0.8, 50.48N:0.04:97.38E:0.03, h10km, n43, e297/66, 1C-2D, Tuva-Buryatia-Mongolia border region

Main table for stations in Tuva-Buryatia-Mongolia border region including Kungurtug, Todzha, Kyzyl, Orlik, etc.

2018 OCT

Main table for stations in Altay region including Chibit, Songino Array, Artybash, Ulanbatar, etc.

IDC 10 18:16:25.4: 1.2, 23.96S:66.67W, h184km, 13km, mb3.2/4, mbtmp3.7/9, MS4.5/1, Error ellipse: s-maj=17.7km s-min=14.5km az=136.0

GUC 10 18:16:25.6:0.6, 24.03S:67.16W, h231km, 6km, ML4.2, NEIC 10 18:16:27.2:1.3, 23.95S:0.04:67.0W:0.2, h202km, 9km, mb4.1/4, ML4.2(GUC), Error ellipse: s-maj=22.8km s-min=5.4km az=94.0

ISC 10 18:16:25.9:0.7, 23.98S:0.05:66.91W:0.06, h200km, 7km, n40, e162/55, mb3.6/6, 6C, Gujuy Province

Main table for stations in Gujuy Province including San Lorenzo, Yavi, Limon Verde, etc.

ISC 10 18:20:19.7:1.4, 27.40N:0.06:111.48W:0.06, h10km, n6, e151/9, 2C-1D, Gulf of California

Table for stations in Gulf of California including Guaymas, etc.

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Table for stations in Vanuatu including Kounac, Mont Dzumac, etc.

IDC 10 18:24:56.0:1.0, 15.62S:167.28E, h0km, mb4.0/6, mbtmp4.07, ML4.0/1, MS3.6/2, Error ellipse: s-maj=40.9km s-min=25.6km az=98.0

NEIC 10 18:25:03.6:2.3, 15.93S:0.06:167.1E:0.2, h36km, 11km, mb4.4/7, Error ellipse: s-maj=21.2km s-min=8.1km az=81.0

ISC 10 18:25:00.8:0.8, 15.76S:0.08:167.1E:0.1, h27km, n23, e090/22, mb4.1/8, Vanuatu Islands

Main table for stations in Vanuatu and other regions including Kounac, Mont Dzumac, Kununurra, etc.

PRU 10 18:32:10.8, 49.82N:18.48E, h0km, Czech and Slovak Republics

Table for stations in Czech and Slovak Republics including Ostrava-Krasne, Liptovska Anna, etc.

SSNC 10 18:34:33.9:1.6, 20.09N:72.95W, h5km, 6km, MD3.4, ML3.4

SDD 10 18:34:34.4:5.2, 20.10N:72.94W, h31km, 188km, MD3.6, ML3.7, MV3/8

ISC 10 18:34:31.0:1.6, 20.11N:0.04:72.93W:0.03, h5km, 13km, n24, e178/41, 11C-2D, Haiti region

Main table for stations in Haiti region including Montecristi, Masc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOAC Moa, GTBY Guantanamo Bay, GRTR Grand Turk, etc.

PRU 10:18:37:52.9,49.999N:18.50E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

MOS 10:18:44:53.9, 1.0, 7.28S:114.46E, h13km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=6.3km s-min=3.7km az=118.6

IPGP 10:18:44:55.0, 7.45S:114.45E, h8km, Mw6.0, Fault plane solution: NP1:114.00000, 849.00000, 181.00000

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

NEIC 10:18:44:55.3, 7.45S:114.46E, h18km, mb6.5/71, MS5.6/50, Error ellipse: s-maj=9.4km s-min=8.4km az=112.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI Kappang, BAKI Balikpapan, BSI Bising, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNRA Kunurra, SISI Saibi, SAUI Saumlaki, etc.

10d 18h

Table with columns for station name, frequency, and various signal strength and quality metrics (e.g., pP, sP, pmax, IAMS_20).

2018 OCT

Table with columns for station name, frequency, and various signal strength and quality metrics (e.g., eP, P, Pmax, IAMS_20).

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Table with columns for station name, frequency, and various signal strength and quality metrics (e.g., P, Pmax, IAMS_20).

Table with columns for call sign, frequency, mode, and other parameters. Includes entries like RAR 83.44 110 P P 18 57 22.3 -1.1, ASB 83.59 304 LR LR 19 39 11.2, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries like LPSR 18 57 41.4, LPSR 18 57 48.2 -0.8, LPSR 19 08 11.4 +3.4, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes entries like TNA 91.63 24 P P 18 58 02.2 +0.1, DAT 91.89 307 P P 18 58 03.4 -0.7, etc.

583

Table with columns: PUL, Pmax, pmax, and various station codes (e.g., O14K, PAE, PPT2) with their respective values and status indicators.

2018 OCT

Table with columns: M16K, VOIR, C16K, N16K, H17K, RNPP5, RNPP6, RNPP7, E18K, E18K, E18K, BURAR, BURAR, BURAR, BURAR, PTL, J17K, J17K, J17K, IIGN, P16K, O16K, A19K, VSU, VSU, ATH, OUR, OUR, OUR, IQR, IQR, IQR, VLAD, F16K, KOKK, PGB, L17K, L17K, K17K, K17K, NVR, PAIG, PAIG, PAIG, ARCA, C19K, C19K, G18K, SRS, H16K, ARBE, M17K, O17K, N17K, SOH, VAH, FINES, FINES, FINES, FINES, LOT, R17L, R17L, HORT, P17K, P17K, KKB, F19K, F19K, THE, D19K, D19K, D19K, CJR, CJR, CJR, AXAR, L18K, L18K, KNT, KEV, KEV, KEV, KEV, CHIR, J18K, J18K, J18K, BMR, BMR, Q17K, GCSA, G19K, G19K, E19K, E19K, GUR, GUR, LIT, LIT, LIT, MARF, M19K, M19K, N18K, N18K, KEF, KLV, H19K, PABE, M18K, DEV, DEV, KALE, B20K, B20K, B20K

10d 18h

Table with columns: TYRN, VSVD, GZR, GZR, MAKR, MAKR, ITM, D20K, ARCES, ARCES, ARCES, ARCES, O18K, DRGR, DRGR, THL, ANX, EFP, PVL, Q18K, J19K, J19K, E20K, E20K, MTSE, A21K, A21K, EVR, DRO, DRO, SUW, F20K, F20K, KWP, KWP, KWP, L19K, L19K, PVO, RLS, SRRR, N19K, N19K, KOLS, H20K, H20K, M19K, M19K, BOVS, BOVS, FNA, FNA, FNA, I20K, I20K, A22K, C21K, BZS, BZS, SIRR, B21K, B21K, B21K, J20K, J20K, J20K, K20K, Q19K, L20K, L20K, LTHK, NEST, VAF, SLIT, OHAK, OHAK, OHAK, E21K, E21K, JAN, JAN, NYDR, PBUR, P19K, EVGI, LK2D, TSLK, KBN, VLS, PSDA, OHR, G21K, G21K, G21K, F21K, F21K, M20K, M20K, B22K, B22K, STHS, STHS, STHS, RAF, KDAK, KDAK, KDAK, IGT, H21K, H21K, H21K, D22K, D22K, D22K, BEL, CHUM, N20K, PPLA, F22K, SRN, KECS, CAST

10d 18h

Table with columns: Station, Time, Res, and various status codes. Includes stations like CCUT Cedar City, JLU Jordanelle, SZCU Shurtane Canyon, etc.

2018 OCT

Table with columns: Station, Time, Res, and various status codes. Includes stations like H43A Windswept, WMOK Wichita Mountain, P38A Dawn, etc.

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Table with columns: Station, Time, Res, and various status codes. Includes stations like RCBR Riachuelo, LVC Limon Verde, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Time, Res, and various status codes. Includes stations like OFUJ Ofunato, JIKH Ishinomakikubo, etc.

Table with columns: Code, Station Name, Time, Res, and various status codes. Includes stations like CATAC 10 18:57:42.0, OFUJ Ofunato, etc.

10d 20h

Table with columns for station code, name, frequency, and other parameters. Includes entries like ARSB Arslanbob, ARSB Arslanbob, ABKAR Akbulak array, etc.

NIED 10 19:41:05.9, 28.10N, 128.06E, h14km, MW4.4 Moment Tensor Solution, s3 Moment tensor: Scale 10^12Nm, Mm=1.07, Mm2=2.1, Mm=1.14, Mm=2.70; Mw=0.40; Ms=2.97; Fault plane solution: Mw=4.70000x10^15 NP1:46.000000, delta3.000000, A=112.000000, NP2:299.000000, delta3.000000, A=119.000000.

JMA 10 19:41:05.9, 0.4, 28.10N, 128.06E, 0.7x1.0, h14km, 4km, MV3.7/17, NW OFF OKINAWAJIMA IS, Ryukyu Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like JTK Tokunoshima, JOKE Okinorabujima, JAMN Amaminishikomi, etc.

SNET 10 19:48:05.0, 2.7, 12.49N, 88.34W, h25km, ML3.9 CATEG 10 19:48:07.2, 0.5, 12.58N, 88.33W, h33km, 7km, ML4.1

IDC 10 19:48:09.8, 2.3, 13.02N, 87.94W, h60km, 25km, mb3.5/6, mbtmp3.8/8, ML3.3/2, Error ellipse: s-maj=49.8km

NEIC 10 19:48:10.9, 2.2, 12.90N, 08.88, 25W, 0.07, h58km, 12km, mb4.3/28, Error ellipse: s-maj=13.6km s-min=7.8km

ISC 10 19:48:08.2, 1.0, 12.67N, 0.05, 88.29W, 0.03, h55km, 9km, n102, c19/19/136, mb4.3/19, Off coast of central America

Main table on the left side of the page containing station codes, names, and various parameters. Includes stations like INTIP Intipuca, LCND La Caada, LCND La Caada, etc.

2018 OCT

Main table in the middle of the page containing station codes, names, and various parameters. Includes stations like LOMA LOMA, LFU La Fuente, LFN Serv Nac Est T, etc.

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Main table on the right side of the page containing station codes, names, and various parameters. Includes stations like ILAR Eielson Array, WRH Wood River Hill, ASAR Alice Springs, etc.

IDC 10 20:26:55.4, 0.9, 4.91S, 126.72E, h0km, mb3.7/10, mbtmp3.7/11, ML4.0/2, MS3.6/1, Error ellipse: s-maj=38.0km s-min=18.8km az=70.0 DJA 10 20:26:58.7, 0.3, 5.5S, 127.7E, h10km, M4.5/16, mb4.9/13, mb4.9/8, ML4.6/16, Mw(mb)4.2/8, NEIC 10 20:26:59.9, 1.7, 4.95S, 0.05, 126.82E, 0.05, h15km, 6km, mb4.3/13, Error ellipse: s-maj=10.3km s-min=3.9km az=144.0

ISC 10 20:26:57.1, 0.5, 5.06S, 0.05, 126.65E, 0.06, h10km, n57, c1980/59, mb3.9/14, Banda Sea

Table at the bottom right of the page containing station codes, names, and various parameters. Includes stations like NLAI Namiea, AAJ Ambon, MSAI Masohi, etc.

10d 20h

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Wind Speed, Wind Direction, Wind Error, Rainfall, and other meteorological data. Includes stations like BJI, XAN, KMI, CHTO, HUH, MWH, HPAH, etc.

2018 OCT

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Wind Speed, Wind Direction, Wind Error, Rainfall, and other meteorological data. Includes stations like SEY, GTK, ZAK, YAK, P08K, SPIA, IRK, CCD, MOY, SBA, MDRS, BILL, etc.

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Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Wind Speed, Wind Direction, Wind Error, Rainfall, and other meteorological data. Includes stations like E17K, J19K, GCSA, D17K, POO, MK31, MKAR, G18K, K20K, F18K, MAZK, MAZK, SEW, RDOG, SKT, SUA, DHRM, E18K, C17K, H19K, J20K, AJM, CAST, CAST, F19K, THN, CHUM, H20K, ZALV, ZALV, ZALV, PWL, PMR, C18K, Q23K, KNK, B18K, E19K, SML, SML, GLI, BPAW, F20K, IMAR, M23K, H21K, D19K, I21K, WAT1, SCM, EYAK, G21K, RND, WAT6, MLY, MCK, MCK, E20K, KSH, KSH, KLU, D20K, H22K, F21K, DHY, M24K, BMRM, I23K, G22K, N25K, E21K, B20K, H23K, BOOM, CCB, HARP, COLA, COLA, COLA, C21K, PAX.

Table with columns for station ID, name, coordinates, date, time, and status. Includes stations like GLB Gilahina Butte, CRQE Cirque, HDA Harding Lake, G23K Banana Creek, etc.

Table with columns for station ID, name, coordinates, date, time, and status. Includes stations like P30M Million Dollar, PLBC Pleasant Camp, M29M Somme Creek, H27K Steamboat Moun, etc.

Table with columns for station ID, name, coordinates, date, time, and status. Includes stations like INK Inuvik, INK Inuvik, INK Watson Lake, Y, CBB Campbell River, etc.

Table with columns for meteoroid name, date, time, and various parameters. Includes entries like MORC Moravsky Berou, WRA Warrungunga Arr, and many others.

Table with columns for meteoroid name, date, time, and various parameters. Includes entries like WRA Warrungunga Arr, WRA Warrungunga Arr, and many others.

Table with columns for meteoroid name, date, time, and various parameters. Includes entries like WRA Warrungunga Arr, WRA Warrungunga Arr, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KAPI Kappang, TOO Toolangi, GEXS Deakin Unvers, and many others.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLRB Kellerberrin, MORW Morawa, YOJ Yonaguni jima, and many others.

10d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like QZH Korea Aray, KSRM Korea Aray, and many others.

Table with columns for station code, name, coordinates, and forecast values (max, min, etc.). Includes stations like KUR, IPM, MSHR, PSTR, VLA, XMAS, etc.

Table with columns for station code, name, coordinates, and forecast values. Includes stations like HNS, UGL, LHMI, SRDT, BNX, BJT, BJI, BJJ, etc.

Table with columns for station code, name, coordinates, and forecast values. Includes stations like CD2, CMBY, XLT, PPT, PPT2, PAE, etc.

10d 20h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like M17K Holitna River, M17K NARMADA NAGAR, J16K Anvik River, etc.

2018 OCT

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like N20K Mount Spurr, SPCR Spurr Chakacha, M20K Styx River, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TNS5, TNS5 M24K, M24K, AAA, NEA2, CHKK, WRH, BGLC, G22K, N25K, E21K, H23K, B20K, F22K, CCB, HARP, BOOM, KUU, KUU, KUU, SNH, COLA, COLA, COLA, COLA, C21K, PAX, GLB, WAX, CRQE, HDA, HDA, VRDI, G23K, G23K, TKM2, POKR, IL31, ILAR, ILAR, ILAR, ILAR, ILAR, E22K, E22K, B21K, KURK, KURK, KURK, KURK, COLD, KURBB, KURBB, KURBB, KURBB, KURBB, MESA, MCARA, MCARA, H24K, H24K, D22K, D22K, RIDG, RIDG, KBK, MENT, MENT, A21K.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like J25K, J25K, J25K, M26K, JASL, UCH, CHMS, MAW, MAW, MAW, FRU1, L26K, L26K, CTG, CTGM, E23K, E23K, AAK, AAK, AAK, AAK, QSPA, QSPA, QSPA, QSPA, G24K, A22K, SGDS, SGDS, SCRR, B22K, D23K, D23K, USP, PINM, PRP, F24K, F24K, M27K, M27K, TOLK, TOLK, E24K, E24K, BCPM, PNL, PNL, H25L, O28M, AML, J26L, EKS2, G25K, L27K, BCAR, C23K, C23K, YUK3, YUK3, D24K, YUK8, ARSB, BTLS, BTLS, BTLS, K27K, K27K, I26K, O29M, O29M, F25K.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F25K, C24K, P29M, P29M, YUK6, YUK4, BMAR, S31K, S31K, G26K, EGAK, EGAK, EGAK, SIT, SIT, SIT, F26K, D25K, D25K, HYT, HYT, HYT, I27K, P30M, R31K, PLBC, M29M, M29M, ROCAM, H27K, DAWY, DAWY, DAWY, N30M, N30M, S32K, DIB, DIB, NRK, NRK, NRK, NRK, NRK, NRK, NRK, G27K, L29M, L29M, L29M, BTk, I28M, I28M, SKAG, SKAG, SKAG, SKAG, CRAG, CRAG, CRAG, CRAG, O30N, O30N, DZA, DZA, DZA, R32K, R32K, R32K, C26K, GAR, GAR, JIS, U33K, U33K, M30M, M30M, J29N, J29N, C27K, C27K, HG4B.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like KBL, K29M, N31M, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like T35M, R33M, BBB, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like GNW, TOAD, F04A, etc.

Table of bird sightings for 2018 OCT, column 1. Includes species names, counts, dates, times, and locations.

Table of bird sightings for 2018 OCT, column 2. Includes species names, counts, dates, times, and locations.

Table of bird sightings for 2018 OCT, column 3. Includes species names, counts, dates, times, and locations.

2018 OCT

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10d 20h

Table with multiple columns containing codes (e.g., FVM, H43A, HDIL), names (e.g., French Village, Windswept, Hopedale), dates (e.g., 115.65 51), and various status indicators (e.g., PKiKp, PKPpdf, MLR, IAMS_20).

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MORC, MAUC, KOKK, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GOPC, TEKS, CLL, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like DRO, DRME, GTTG, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like G6ZA, CAMR, RETA, PGBU, ESK, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like LPAZ, LPZ, LPZ, LPZ, LPZ, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PVAQ, PVAQ, PVAQ, PVAQ, PVAQ, etc.

ISC 10 20:54:08.4z 1.3, 5:80S: 151.86E, h0km, mb4.6/m, mbmp4.6/5, Eror ellipse: s-maj=59.6km s-min=30.3km az=124.0

ISC 10 20:54:13.6z 1.2, 5:95S: 151.91E, h0.3, h36km, n8, o9893/9, mb4.6/5, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other technical details. Includes stations like WRA, WRA, WRA, etc.

mb5.7/288, Mww5.9, Error ellipse: s-maj=11.2km s-min=9.2km az=107.0
NEIC 10:20:59:02.3, 6.175s; 151.18E, h40km, Moment Tensor Solution. Duration: 4s4 Moment tensor: Scale 10^17Nm;

PPT 10:20:59:02.2, 0.5, 5.45s; 151.24E, h10km, mb5.5/22 MLV6.01 Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
NEIC 10:20:59:02.3, 5.975s; 151.08E, h40km GCMT 10:20:59:04.0, 0.6, 0.25s; 0.03; 151.15E; 0.03, h35km; 1km, MW6, 1/70, Moment Tensor Solution, s4, 6; s7c, 0.105;

ISC 10:20:59:01.4, 0.2, 5.385s; 100.4; 151.09E; 0.04, h43km, n753, 1574/632, mb5.6/204, 20C-18D, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BULLU Kimbe, I40PG Keravat, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TNTI Ternate, AUPHS Peel High Scho, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CNSH ChangSha, ASAJ Ashahikawa, etc.

Table with columns: Station Name, Elevation, Date, Time, Azimuth, Distance, etc. Includes stations like Hyderabad, Urumqi, Ungalikthiuk R, etc.

Table with columns: Station Name, Elevation, Date, Time, Azimuth, Distance, etc. Includes stations like Roundabout Mou, Nowinta River, Purcell Mouna, etc.

Table with columns: Station Name, Elevation, Date, Time, Azimuth, Distance, etc. Includes stations like Chumysh, South Pole Qui, South Pole Qui, etc.

10d 21h

Table of station data for the 10d 21h period, including station names, elevations, and coordinates.

2018 OCT

Table of station data for the 2018 OCT period, including station names, elevations, and coordinates.

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Table of station data for the 606 period, including station names, elevations, and coordinates.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

Table with columns: SCLT, Jiali, 0.24 239 P, Pg, 21 06 44.9 +1.5, etc.

Table with columns: QLP, Quiipie, 21.61 197 P, P, 21 18 04.0 +1.6, etc.

Table with columns: WAZ, Wanganui, 39.97 151 P, P, 21 20 53.5 +6.9, etc.

BJI 1021:13:07.7, 6:35Sx151:79E, h30km, mb5.6/29, Ms5.9/3, M57 5.7/3

ONTNC Ouen Toro, 22.02 139 P, Iamb, 21 18 05.5 -1.3

UWM Waganama, 40.38 265 P, P, 21 20 52.0 +1.6

MOS 1021:13:11.0, 1.0, 5.78S:150:97E, h33km, mb5.6/42, Error ellipse: s-maj=7.6km, s-min=5.5km, az=100.8

TARA Tarawa, 22.90 72 P, Iamb, 21 18 17.8

WAZ Waganui, 39.97 151 P, P, 21 20 53.5 +6.9

PPT 1021:13:13.0, 1.5, 5.87S:151:08E, h10km, mb5.5/44, MLv6.0/1, Error ellipse: s-maj=0.0km, s-min=0.0km, az=0.0

AAI Ambon, 22.98 274 P, P, 21 18 17.4 +0.3

WAZ Waganui, 39.97 151 P, P, 21 20 53.5 +6.9

NEIC 1021:13:14.3, 2.1, 5.92S:106:151:14E, 0.06, h20km, 3km, mb5.6/144, Mw5.9/13, Error ellipse: s-maj=9.1km, s-min=7.8km, az=130.0

ARMA Armadale, 24.41 179 P, Iamb, 21 18 32.0

WAZ Waganui, 39.97 151 P, P, 21 20 53.5 +6.9

NEIC 1021:13:16.1, 5.93S:151:03E, h26km, Moment Tensor Solution, Duration: 4s, Moment tensor: Scale 10^17Nm; Mw=5.41, Ms=5.67, Mx=0.75, My=2.59, Mz=2.55, Mw-4.72; Fault plane solution: M=8.16000x10^17, NP1=95.01000; 5.5, 23.000, 1.127, 49.000; NP2=221.64000, 849.32000, 1.48, 76.000; Principal axes: T 9.5444, Plg60.000; Azm64.000; N -2.7618, Plg30.000; Azm251.000; P -6.7826, Plg3.000; Azm159.000;

ARMA Armadale, 24.41 179 P, Iamb, 21 18 32.0

WAZ Waganui, 39.97 151 P, P, 21 20 53.5 +6.9

NEIC 1021:13:16.1, 5.93S:151:13E, h26km, Moment Tensor Solution, Duration: 2s, Moment tensor: Scale 10^18Nm; Mw=5.41, Ms=5.67, Mx=0.75, My=2.59, Mz=2.55, Mw-4.72; Fault plane solution: M=8.16000x10^17, NP1=95.01000; 5.5, 23.000, 1.127, 49.000; NP2=221.64000, 849.32000, 1.48, 76.000; Principal axes: T 1.3600, Plg74.000; Azm22.000; N -0.0780, Plg9.000; Azm259.000; P -1.2800, Plg14.000; Azm167.000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ARMA Armadale, 24.41 179 P, Iamb, 21 18 32.0

WAZ Waganui, 39.97 151 P, P, 21 20 53.5 +6.9

ISC 1021:13:14.6, 0.4, 5.89S:104:151:15E, 0.04, h29km, 2km, h29km, P=9.999, 19:15:10:17, mb5.5/161, MSS, 9.4, SBC-49D, New Britain region

ARMA Armadale, 24.41 179 P, Iamb, 21 18 32.0

WAZ Waganui, 39.97 151 P, P, 21 20 53.5 +6.9

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

Table with columns: QLP, Quiipie, 21.61 197 P, P, 21 18 04.0 +1.6, etc.

Table with columns: WAZ, Wanganui, 39.97 151 P, P, 21 20 53.5 +6.9, etc.

10d 21h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BinXian, Phrae, Baijiatuau, etc.

2018 OCT

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BOK, IRK, PALK, etc.

608

Table with columns for station name, frequency, mode, and signal strength. Includes stations like M18K, P19K, KLP, etc.

Table with columns: TERO, GIGS, NRCA, MNOY, FAGN, FAGN. Includes station names like Moravsky Berou, Liptovska Anna, Kraliky, Dobruska-Polom, Vranov, Berggiesshubel.

PRU 10 21:17:51.4,50.23N:18.83E,h0km,Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC, LANS, KRLC, DPC, VRAC, BRG.

SJA 10 21:22:01.6:0.7,34.82S:71.86W,h26km,2km,ML3.5, MW3.5

GUC 10 21:22:04.5:0.6,34.81S:71.78W,h43km,1km,ML3.6

ISC 10 21:22:05.4:0.3,34.83S:71.74W,0.04,h31km,8gkm, n55, r1872/97,2C-3D, Near coast of central Chile

Main table for the 611 page, listing various stations and their parameters. Includes stations like Hualane, Sierra Bellavi, Panimavida, Popeta, Santo Domingo, Talagante, La Punta, Pirque, Las Vizcachas, San Alfonso, Curacav, Renca, Universidad Ad, Cerro Caljn, Torpederas, Hacienda Santa, San Fabin de, Peidehue.

Table with columns: PEL, FCH, ROC1, ROC1, MT04, MT04, MT04, ROCH, ROCH, MT08, MT08, MT08, ED3S, ED3S, VA03, VA03, VA03, VA03, VA03, CO02, CO02, CO02, CO03, CO03, CO03, RTLL, RTLL, DOCA, DOCA, DOCA, GO04, GO04, GO06, GO06. Includes station names like Farellones, El Roble, Ro Olivares, San Esteban, San Rafael, Agrelo, Vizcachas, Salagasta, Leoncito, Combarbal, El Pedregal, Cerro Villicu, Reserva Natura, Tololo Observa, Curarrehue.

IDC 10 21:29:05.3:6.5,51S:150.99E,h0km,mb2.9/2, mbmt3.1/3,ML0.8/1, Error ellipse: s-maj=172.9km s-min=38.6km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 10 21:31:49.5:3.0,5.59S:150.74E,h0km,mb3.7/2, mbmt3.6/3,ML1.4/1, Error ellipse: s-maj=125.1km s-min=36.5km az=122.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 10 21:34:19.9:3.0,5.46S:151.06E,h0km,mb3.3/2, mbmt3.6/3,ML2.1/1, Error ellipse: s-maj=127.9km s-min=37.4km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 10 21:35:54.7:6.3,31.82S:179.18W,h75km,50km,mb4.0/5, mbmt4.3/6,ML3.5/1, Error ellipse: s-maj=42.9km s-min=21.2km az=60.0

WEL 10 21:35:59.4:0.6,32.5S:179W,1.1,h33km,ML4.6/7, mb5.1/7,ML4.7/1,MLV4.8/7,Mw(mb)6.4/7, Error ellipse: s-maj=14.9km s-min=3.9km az=109.7, confirmed

NEIC 10 21:36:00.3:0.8,31.9S:0.1:179.1W,0.2,h119km,7km, mb4.4/7, Error ellipse: s-maj=22.0km s-min=13.9km az=64.0

ISC 10 21:35:57.7:0.6,32.05S:0.07:179.1W,0.1,h96km,n53, r226/65,mb4.4/10,4C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Green Lake, Raoul Island, Raoul Island, Maui Island, Te Kaha, Pakihiroa, Puketiti, Raukumara Rang, Whale Island, Carnag Station, Te Karaka, Matawai, Urewera.

Table with columns: URZ, URZ, RAGZ, RAGZ, RIGZ, RIGZ, MUGZ, MUGZ, PRGZ, PRGZ, RTZ, RTZ, CTZ, CTZ, CTAC, CTAC, STKA, STKA, BBOO, BBOO, ASAR, ASAR, WRO, WRO, WRA, WRA, MTN, MTN, GSPA, GSPA, MAW, MAW, TROLL, TROLL, SNA, SNA, SNA, SNA, VNA, VNA, VNA2, VNA2, MKAR, MKAR, MKAR, MKAR, BVAR, BVAR, ARCES, ARCES, KBZ, KBZ, FINES, FINES, NB2, NB2, NOA, NOA, HFS, HFS, MMAI, MMAI, AKASE, AKASE, BRTR, BRTR, TORD, TORD. Includes station names like Urewera, Rimuhau, Mururapa, Paritu Road, Ruatahun, Chatham Island, Stephens Creek, Alice Springs, Warramunga Arr, Manton Dam, South Pole Qui, South Pole Qui, Mawson, Troll, Sanae, Sanae, Sanae, Sanae, Neumayer Olymp, Neumayer-Watz, Makanchi Array, Makanchi Array, Makanchi Array, Kurchatov, Kurchatov, Borovoye Array, Borovoye Array, ARCES Array B, ARCES Array B, KBZ Subarray, KBZ Subarray, FINES Array B, FINES Array B, NB2 Subarray, NB2 Subarray, NOA Subarray, NOA Subarray, HFS Hagfors, HFS Hagfors, MMAI Merion Array, MMAI Merion Array, AKASE Main Array B, AKASE Main Array B, BRTR Keskin Array B, BRTR Keskin Array B, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

IDC 10 21:37:47.9:1.0,5.92S:151.46E,h0km,mb4.0/9, mbmt4.0/10,ML1.6/1, Error ellipse: s-maj=41.6km s-min=20.8km az=114.0

ISC 10 21:37:54.3:0.8,6.05S:0.2:151.3E,0.2,h41km,n11, r114/12,mb4.0/9, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songo Array, MKAR Makanchi Array, ILAR Elision Array, MAW Mawson, GSPA South Pole Qui, NVAR Mina Array Bea, TORD Torodi Ar. Bea.

IDC 10 21:42:27.0:4.0,5.41S:150.56E,h0km,mb3.5/2, mbmt3.6/2, Error ellipse: s-maj=142.3km s-min=53.4km az=116.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 10 21:51:46.3:4.1,5.43S:150.75E,h0km,mb3.1/2, mbmt3.6/2, Error ellipse: s-maj=156.8km s-min=53.9km az=117.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

TAP 10 21:53:43.6,24.61N:122.54E,h132km,ML2.4,D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EOS2, EOS3, EOS4, etc.

JMA 10 21:54:25.4-0.3, 24 N1 x12.4 E1, h12km, Mv1.3/7, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

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

MOS 10 21:58:01.9-0.5, 52.45N; 159.77E, h54km, mb4.0/1, Error ellipse: s-maj=12.0km s-min=5.4km s-az=100.5

KRSC 10 21:58:02.3-1.0, 52.58N; 159.68E, h52km, 11km, M1.3, IDC 10 21:58:06.0-0.4, 52.55N; 159.34E, h79km, 14km, mb3.5/14, mbmp3.8/14, Error ellipse: s-maj=31.5km s-min=20.5km

ISC 10 21:58:03.0-1.0, 52.57N; 0.05-159.64E; 0.05, h47km, 9km, mb2.1+164/87, mb3.8/14, Off east coast of Kamchatka Peninsula

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

Code Station Name Az AzZ Phase ID Op ISC Time Res

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

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

BUI 10 22:00:28.0, 4.95S; 152.00E, h80km, mb6.1/95, mb6.5/42, Ms5.8/42, Ms7.5/42

MOS 10 22:00:33.6-1.1, 4.87S; 151.64E, h128km, mb6.1/50, MS5.9/4, Error ellipse: s-maj=6.5km s-min=4.6km

NEIC 10 22:00:34.5-1.9, 4.96S; 0.04-151.72E; 0.06, h121km, 1km, mb6.1/238, Mww6.2/46, Error ellipse: s-maj=11.1km s-min=5.4km s-az=287.0

IDC 10 22:00:34.0-0.4, 4.95S; 151.67E, h125km, 3km, mb5.5/26, mbmp5.9/28, MS5.4/16, Error ellipse: s-maj=10.8km s-min=7.2km s-az=87.0

NEIC 10 22:00:35.4-1.36S; 151.67E, h130km, NEIC 10 22:00:35.4-1.36S; 151.67E, h130km, Moment Tensor Solution. Duration: 659 Moment tensor: Scalar 1018Nm; M2:0.0; M3:-1.82; M4:-0.72; M5:0.0; M6:-0.50; M7:0.09; Fault plane solution: M2:98000x1018 Np1:0.6530000; 0.69, 3.00000; 1.84, 59.0000; NP2:0.261, 53000; 0.61, 37000; 1.04, 0.20000; Principal axes: T 3.0194, Plg63.0000; Azm327.0000; N -0.0819, Plg5.0000; Azm68.0000; P -2.9375, Plg24.0000; Azm161.0000;

DJA 10 22:00:36.1-0.5, 5.2-15.2E, h138km, 4km, M6.2/126, mb6.5/103, mb6.2/126, MLV7.0/1, Mw(MB)6.2/103, Mw(Mw)6.2/4, Mw(Mw)6.2/4

GCMT 10 22:00:37.5-0.1, 5.2-15.2E; 0.01-151.78E; 0.01, h134km, 1km, MW6.3/167, Moment Tensor Solution. s121, c187; s167, c433; Duration: 365 Moment tensor: Scalar 1018 Nm; M2:3.88; M3:0.05; M4:-1.90; M5:0.06; M6:-0.47; M7:0.0; M8:2.33; M9:0.04; M10:-0.72; M11:0.05; M12:1.74; M13:0.04; Best double couple: M3:69900x1018 Np1:0.57, 0.0000; 0.71, 0.0000; 1.84, 0.0000; NP2:0.255, 0.0000; 0.82, 108.0000; Principal axes: T 3.8250, Plg63.0000; Azm317.0000; N -0.2480, Plg6.0000; Azm59.0000; P -3.5720, Plg26.0000; Azm152.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 10 22:00:37.0-0.5, 5.00S; 0.01-151.75E; 0.03, h124km, 1km, h125km, pP-P, N1893, c1924/2061, mb6.1/286, 186C-85D, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I40PG, I40PG, RABL, etc.

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

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and Status. Includes stations like SOEI, NLTH, MGCD, STKA, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and Status. Includes stations like BKB, PSA00, PSACI, DNP, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and Status. Includes stations like BFZ, TATO, TATO, KHZ, etc.

10d 22h

2018 OCT

Table with columns: Station Name, Frequency, Mode, Class, and Time/Offset. Includes stations like CTZ Chatham Island, QIZ Qiongzong, KQRS Korea Array, etc.

Table with columns: Station Name, Frequency, Mode, Class, and Time/Offset. Includes stations like MDJ Mudanjiang, GYA Guiyang, SVLN Son La, etc.

Table with columns: Station Name, Frequency, Mode, Class, and Time/Offset. Includes stations like CMAR Gornyy, CHTO Chiang Mai, HPAH Hawaii Prepara, etc.

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Table with columns for call sign (ZEA, ZEA, ZEA), name, frequency, mode, and signal strength. Includes entries like ZEA 62.04 344 eP, ZEA 62.10 185 p, etc.

2018 OCT

Table with columns for call sign (SBA, CHGN, CHGN, BILL, BILL, BILL), name, frequency, mode, and signal strength. Includes entries like SBA 73.23 177 P, CHGN 73.36 26 P, etc.

10d 22h

Table with columns for call sign (G17K, J18K, BRLE, BRSE, H08S2), name, frequency, mode, and signal strength. Includes entries like G17K 78.38 18 P, J18K 78.41 21 P, etc.

10d 22h

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like GLI Glacier Island, BPAW Bear Paw Mtn., and many others.

2018 OCT

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like J25K Salcha River, M26K Nabesna, AK, and many others.

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Table with columns for station code, name, elevation, and various performance metrics. Includes stations like D25K Kavik River, HYT Haines Junctio, and many others.

Table with multiple columns containing names, dates, times, and various codes (PKP, PKPb, PKPc, etc.). The table lists numerous entries, likely representing flight schedules or event listings, organized in a grid-like format.

Table listing astronomical observations for 2019 OCT. Columns include station name (e.g., LESA, CEY, KOOLE), object name (e.g., Schwarzloetz, Kule), coordinates (RA, Dec), magnitude, and observation status (PKP, PKPdf, etc.).

Table listing astronomical observations for 2019 OCT. Columns include station name (e.g., PBRG Braganca, ALBR PBRG), object name (e.g., Alto Alegre, Filadelfia), coordinates, magnitude, and observation status.

Table listing astronomical observations for 10d 22h. Columns include station name (e.g., SHEL Horse Pasture, DUB01 Friburgo-RJ), object name, coordinates, magnitude, and observation status.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Azimuth (A), Altitude (Z), Phase ID, Time, Res. Contains observation codes and station details.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, WRA Warrungama Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 10 23:53:04.9-3.6, 6.75S-151.00E, h0km, mb3.4/2, mbtmp3.5/2, Error ellipse: s-maj=154.1km s-min=46.5km az=118.0, New British region

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

IDC 10 23:09:11.7-3.7, 6.48S-149.53E, h0km, mb3.4/1, mbtmp3.7/2, ML3.9/1, Error ellipse: s-maj=124.0km s-min=48.4km az=115.0, New British region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrungama Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 10 23:11:44.3-1.3, 10.62N-139.06E, h0km, mb4.1/10, mbtmp4.1/10, Error ellipse: s-maj=53.4km s-min=18.7km az=81.0

IDC 10 23:11:49.3-1.3, 10.6N-139.01E, h0km, mb4.1/10, mbtmp4.1/10, Error ellipse: s-maj=53.4km s-min=18.7km az=81.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy.

IDC 10 23:15:54.6, 48.53N-157.16E, h10km, mb6.5, mb_BB7.1, Ms7.1

BUI 10 23:15:58.5, 49.05N-156.40E, h10km, mb6.1/82, mB6.7/78, Ms6.9/98, Ms7.6/90

IDC 10 23:15:58.7-0.3, 49.33N-156.27E, h0km, mb5.7/36, mbtmp5.8/43, ML6.1/5, MS6.5/83, Error ellipse: s-maj=10.4km s-min=9.1km az=105.0

KRSC 10 23:16:00.7-2.0, 49.09N-157.26E, h41km, mb34km, Mc7.0, M16.6, Felt [IV-V] at Severo-Kuril'sk [I] at kordon Ozernoi; [II] at Cape Vasilyeva, Zaporozhye; [III] at Cape Lopatka, Pajuelka, Ozernovskiy, Ribachiy; felt at Petropavlovsk

SKHL 10 23:16:00.5-0.6, 49.30N-156.80E, h43km, mb5.5/14, mbv7.0/15, ms6.7/25, msh7.0/12

NEIC 10 23:16:01.6, 49.31N-156.18E, h24km

NEIC 10 23:16:01.9, 49.35N-156.21E, h16km

NEIC 10 23:16:01.6, 49.01N-156.95E, h24km, Moment Tensor Solution. Duration: 7.7 Moment tensor: Scale 10^18Nm; Mw=4.85; Ms=1.19; Mv=3.66; Mo=1.23; Mz=3.02; Mx=2.75; Fault plane solution: M6.070000x10^18 NP1:28.260000, 559.980000, 183.780000 NP2:220.550000, 370.600000, 110.010000 Principal axes: P 5.6785, Plg174.0000, Azm282.0000 N 0.7874, Plg5.0000, Azm31.0000; P 6.4660, Plg15.0000, Azm123.0000

MOS 10 23:16:01.8, 1.149, 14N-156.46E, h49km, mb6.4/130, MS6.8/65 Error ellipse: s-maj=7.7km s-min=3.0km az=76.7 Broadband fault plane solution: P waves. Mw1.60000x10^19 NP1:52.000000, 884.000000, 199.000000 NP2:176.000000, 811.000000, 334.000000 Principal axes: T Plg50.0000, Azm333.0000; N Plg9.0000, Azm231.0000; P Plg38.0000, Azm134.0000

MOS Fault plane solution: P-wave C108, D16 - Felt [IV] at Severo-Kuril'sk [I] at Petropavlovsk-Kamchatskiy

NEIC 10 23:16:02.1-1.3, 49.29N-156.3E, h1.1, h20km, mb6.2/51, Ms=2.0, 6.983, Ms=1.96, 6.717, Ms6.4/83, Mw6.5/34 Error ellipse: s-maj=12.6km s-min=10.1km az=141.0 Moment Tensor Solution Moment tensor: Scale 10^19Nm; Mw=3.32; Ms=0.22; Mv=3.09; Mo=2.43; Mw=0.65; Ms=2.86; Fault plane solution: Mw4.980000x10^18 NP1:177.740000, 823.800000, 157.940000 NP2:32.130000, 870.000000, 103.180000 Principal axes: T 5.2078, Plg63.0000, Azm323.0000; N -0.4825, Plg12.0000, Azm208.0000; P -4.7253, Plg24.0000, Azm112.0000

GCMT 10 23:16:08.1-0.1, 49.18N-156.66E, h22km, MW6.5/77, Moment Tensor Solution s165.c390, s177.c171; Duration: 4.4; Moment tensor: Scale 10^18Nm; Mw=5.94; Ms=1.77; Mv=3.03; Mo=4.17; Mz=0.32; Mw=2.82; Ms=3.19; Mv=0.7; Best double couple: Mw7.13800x10^18 NP1:34.000000, 861.000000, 191.000000 NP2:213.000000, 829.000000, 189.000000

Principal axes: T 7.0910, Plg73.0000; Azm306.0000; N 0.0940, Plg1.0000; Azm214.0000; P -7.1850, Plg16.0000; Azm124.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

IDC 10 23:16:02.5-0.3, 49.16N-156.34E, h22km, mb6.3/30, h23km: p-P, n3051, e180/3034, mb6.2/467, MS6.5/630, 348C-101D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s, SKR Severo-Kuril's, SKR 18um, 1.0s, SKR 481um, 0.8s, SKR 340um, 0.8s, SKR 32um, 16.0s, SKR 331um, 13.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR comp=2.430um, 15.0s, KUR comp=2.426um, 15.0s, KUR comp=2.508um, 15.0s, KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR comp=N, 928nm, 0.6s, KUR comp=E, 790nm, 0.6s, KUR comp=Z, 3um, 0.6s, KUR comp=E, 5um, 0.9s, KUR comp=N, 534nm, 1.1s, KUR comp=Z, 508um, 15.0s, KUR comp=N, 430um, 12.0s, KUR comp=E, 426um, 14.0s.

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like O18K Koktuh Hills, D19K Kuna River, J19K Poorman, etc.

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like Q19K Minamidaito 2, M20K Styx River, H11N1 WAKE ISLAND Hy, etc.

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like CNPM China Poot, D22K Ayikyak River, H22K Ishlatalina Cre, etc.

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Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like HHC, PMR, NEA2, C23K, MCK, E23K, RND, GHO, IRK, TOLK, SML, NJ2, WRH, PWL, E24K, D24K, COLA, CCB, H24K, WAT6, M23K, C24K, F24K, F24K.

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like POKR, DHY, G24K, SCM, SCM, SCM, SCM, SCM, HDA, ILAR, ILAR, P23K, P23K, GLI, GLI, GHI, GHI, BTO, BTO, G25K, G25K, ZAK, ZAK, FID, FID, M24K, M24K, M24K, HIN, HIN, H25L, H25L, D25K, D25K, PRP, PRP, F25K, F25K, F25K, KLU, KLU, KLU, Q23K, Q23K, Q23K, J25K, J25K, J25K, PAX, PAX, EYAK, EYAK, HARP, HARP, RIDG, RIDG, RIDG, RIDG, B26K, B26K, F26K, F26K, F26K, F26K, N25K.

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like N25K, N25K, SCRK, SCRK, SCRK, SCRK, BMRM, BMRM, G26K, G26K, RAGM, MOY, MOY, MOY, C27K, C27K, J26L, J26L, J26L, J26L, MENT, KAIM, KAIM, HMT, I26K, I26K, I26K, GLB, GLB, L26K, L26K, L26K, V26K, V26K, BERG, SUCK, M26K, M26K, M26K, M26K, LYN, LYN, LYN, LYN, LYN, LYN, MCARA, MCARA, CRQM, CRQE, CRQE, K27K, K27K, K27K, G27K, G27K, E27K, E27K, E27K, TGL, I27K, I27K, H27K, H27K, WAX, WAX, SNH, L27K, L27K, L27K, D27M, D27M, D27M, M27K, M27K, M27K.

Table with columns for station ID (e.g., A36M, GTA, Q32M), name (e.g., Gaotai, Nakina River, Petersburg), frequency, and various signal quality metrics (S, P, M, etc.).

Table with columns for station ID (e.g., WRGLY, RUBB, LIRD, GRNB), name (e.g., Prince Rupert, Liard River Hi, Grenville Isla), frequency, and various signal quality metrics.

Table with columns for station ID (e.g., KURK, HPAH, KURRB), name (e.g., Hawaii Prepara, Kurchatov Arra, Kurchatov Arra), frequency, and various signal quality metrics.

Table with columns: WMO/K, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, and other parameters. Includes stations like WMO/K Wichita Moun, QUOK Quay, SN07 Snyder 07, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, and other parameters. Includes stations like L48A N Adams, NIE Niedzica, SFIN Lafayette, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, and other parameters. Includes stations like ASAR, KRLC Kraliky, VARL Varlez, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GOPC GO Pecny, Ondr, BISSR Biscovec, VRAC Vranov, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ZVC ZVOZ, DYBB Dyrabakir, AMRR Amara, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like HLM1 Long Mynd, STFA Stefanest-Arg, GEC2 GERESS Array S, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SARI SarDiz-Kayseri, JLIN Jalan Bani Buh, HATD Hatta, Dubai, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like HKT Hockley, L59A Walton, RJOB Jochberg, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like RETA Reutte, MYKA Terra Mystica, MOTA Mosaik, etc.

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Table with columns: ALN, Alexandroupoli, 80.20, 324, P, P, 23 28 10.3, -0.6, etc. Lists various locations and their associated data points.

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Table with columns: CABF, La Chapelle, 81.17, 340, eP, pmax, 23 28 14.4, -1.7, etc. Lists various locations and their associated data points.

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Table with columns: KBN, Korca, 82.39, 327, P, P, 23 28 21.3, -1.3, etc. Lists various locations and their associated data points.

Main table containing radio station data with columns for call letters, frequency, power, mode, and signal quality. Includes stations like NWAO Narrogin, UCM PTO, and TAU Tasmania Univ.

Table with columns: AOPR, Arecolib Observ, 102.67, 42, IAMS_20, IAMS_20, 00 22 38.7, etc. Lists various astronomical observations with dates, times, and coordinates.

Table with columns: GSPA, South Pole Qui, 138.90, 180, PKhP, PKPpre, 23 35 17.2, etc. Lists astronomical objects with names, coordinates, and classification codes.

Table with columns: CTAO, Comp-Z, 211nm, 1.8s, pmax, pmax, 23 23 28.4 +0.9, etc. Lists astronomical objects with coordinates, classification codes, and associated data.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Curarrehue, Paso Flores, PLCA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like OSTC, OSTC, OSTC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KBTR, KBTR, KBTR, etc.

NEIC 10 23:19:42.6: 1.3, 49:13N: 0:07:156:3E: 0:2, h10km, 2km, mb5, 213, Error ellipse: s-maj=24.5km s-min=5.4km

KRSC 10 23:19:44.2: 0.2, 49:13N: 157:24E, h39km, 31km, M15.0 MOS 10 23:19:45.8: 1.1, 49:25N: 156:24E, h39km, 31km, G/3, Error ellipse: s-maj=12.5km s-min=5.1km az=74.2

IDC 10 23:19:50.4: 3.1, 49:55N: 156:04E, h57km, 24km, mb4.3/19, mbmp4, 7/23, M15.1, Error ellipse: s-maj=30.0km s-min=18.4km az=126.0

ISC 10 23:19:48.8: 0.7, 49:28N: 109:156:32E: 0:10, h57km, n85, e145/91, mb4.8/24, Kuri Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KDRTR, KDRTR, KDRTR, etc.

SKHL 10 23:21:50.7: 0.2, 48:30N: 156:80E, h48km, 5km, mb5.6/10 NEIC 10 23:21:50.6: 1.2, 49:20N: 0:08:156:3E: 0:1, h10km, 1km, mb5.5/148, Error ellipse: s-maj=14.6km s-min=10.1km az=150.0

KRSC 10 23:21:51.8: 2.4, 49:11N: 157:34E, h40km, 46km, M15.6 MOS 10 23:21:52.4: 0.8, 49:04N: 156:67E, h48km, mb5.7/59, Error ellipse: s-maj=11.7km s-min=4.2km az=78.2

IDC 10 23:21:54.3: 4.9, 49:20N: 155:77E, h40km, mb5.5/18 BUL 10 23:21:54.7: 1.8, 49:20N: 156:25E, h48km, 16km, mb4.7/30, mbmp5.0/36, ML-4.7, Error ellipse: s-maj=14.9km s-min=10.1km az=137.0

BGR 10 23:22:03.4: 50:32N: 154:93E, h33km, mb5.6 ISC 10 23:21:53.0: 3.1, 49:13N: 0:04:156:36E: 0:05, h34km, n622, e1506/640, mb5.5/192, 54C-2UD, Kuri Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like SKR, SKR, SKR, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KOTR, KDRTR, ASAK, and others.

Table with columns for station call letters, frequency, and other technical details. Includes stations like KLR, JSD, USR, and others.

Table with columns for station call letters, frequency, and other technical details. Includes stations like GYA, EUNU, YKA, and others.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like E24K, D24K, ILAR, D25K, C27K, E27K, E29M, G29M, I30M, ZALV, GRNB, EUNU, MK31, MKAR, MKR, RES, KURK, SPITS, BVAR, PHRA, J05D, ARTI, CMAR, PLID, ABKAR, NVAR, GAR, CHGR, PDAR, FINES, KBZ, AKASG, WRA, TXAR, EKA, BUR08, BURAR, ASAR, GERES, CONA, RONA, UOSS, BRTR, ARSA, SOKA, KBA, WATA, WTTA, RETA, MYKA, MOTA, SQTA, ABTA, DAVA, DAVOX, MMAI, ESDC.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like BOAV, BELA, SKR, KDR, ASAK, MTRV, GRL, APC, KRM, PEAOB, PETK, DALK, UGLR, AVH, KOK, SMAR, KRER, SDR, KRX, SPN, GNL, H11S1, H11S2, MKAR, KURK, BVAR, FINES, HFS, WRA, EKA, MMAI.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SKR, KDR, ASAK, MTRV, GRL, APC, KRM, PEAOB, PETK, DALK, UGLR, AVH, KOK, SMAR, KRER, SDR, KRX, SPN, GNL, H11S1, H11S2, MKAR, KURK, BVAR, FINES, HFS, WRA, EKA, MMAI.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PETK, DALK, UGLR, AVH, KOK, SMAR, KRER, SDR, KRX, SPN, GNL, H11S1, H11S2, MKAR, KURK, BVAR, FINES, HFS, WRA, EKA, MMAI, MAJO, MSHR, JGF, BILL, YAK, TIXI, ULN, E24K, COLA, F24K, D25K, H29M, L29M, I30M, ZALV, MK31, MKAR, MKR, KURK, KURK, KURB, BVAR, ARTI, CMAR.

11d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

NEIC 11 00:14:17.6-0.7, 49.3N, 0.1:156.18E:0.10, h10km, m95, az=148.0

ISC 11 00:14:17.6-0.7, 49.3N, 0.1:156.18E:0.10, h10km, m95, az=148.0

NEIC 10 23:59:24.8±2.1, 6.36S, 148.88E, h48km, 18km, mb3.9/8, m10p3.4/2.9, ML4.8/1, Error ellipse: s-maj=27.6km

NEIC 10 23:59:25.4±0.7, 6.36S, 0.07:148.84E:0.09, h59km, 7km, mb4.4/1.7, Error ellipse: s-maj=13.5km s-min=9.9km

ISC 10 23:59:24.9±0.6, 6.36S, 0.07:148.78E:0.08, h53km, n45, m12p5.5/mb4.2/1.6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, RABL Rabaul, MANU Manus Island, etc.

NEIC 11 00:14:15.5±0.7, 49.29N, 156.26E, h0km, mb4.0/2.1, m10p4.0/2.6, ML3.4/5, Error ellipse: s-maj=20.4km s-min=14.3km az=150.0

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NEIC 11 00:14:18.7±1.0, 49.4N, 0.1:156.18E:0.10, h10km, 1km, mb4.7/3.1, Error ellipse: s-maj=22.3km s-min=5.9km az=148.0

ISC 11 00:14:17.6-0.7, 49.3N, 0.1:156.18E:0.10, h10km, m95, az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PEAOB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, 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 BHOU Houvezneg, BCLA Clavier, UOSS Minaviz, etc.

NEIC 11 00:14:37.5±0.4, 49.33N, 156.19E, h0km, mb5.0/3.4, s-min=9.6km az=106.0

NEIC 11 00:14:39.3±1.9, 49.09N, 156.17E, h32km, 26km, ML5.8, BUI 11 00:14:40.2, 49.32N, 156.31E, h42km, mb5.3/7.7, MB5.0/1, Ms5.7/8, Ms7.5/8

SKHL 11 00:14:41.3±0.4, 49.00N, 156.60E, h51km, 5km, mb6.6/14, MOS 11 00:14:42.0±0.9, 49.27N, 156.16E, h47km, mb5.6/8.9, MS5.3/6, Error ellipse: s-maj=5.8km s-min=3.2km az=83.1

BGR 11 00:14:43.6±0.5, 49.23N, 156.22E, h33km, mb5.5, ISC 11 00:14:43.5±0.5, 49.23N, 156.22E:0.10, h42km, 3km, h33km, pP-P, n1228, r110/1269, mb5.4/2.90, MS5.3/7,

ISC 11 00:14:43.5±0.5, 49.23N, 156.22E:0.10, h42km, 3km, h33km, pP-P, n1228, r110/1269, mb5.4/2.90, MS5.3/7,

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

NEIC 11 00:14:43.5±0.5, 49.23N, 156.22E:0.10, h42km, 3km, h33km, pP-P, n1228, r110/1269, mb5.4/2.90, MS5.3/7,

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2018 OCT

11d 0h

Table with multiple columns containing station codes, names, coordinates, elevation, and various data points. Includes sections for stations 643, 2018 OCT, and 11d 0h. The table is organized into several vertical columns, each representing a different set of data for the stations listed.

Table with columns for station name, coordinates, and various parameters. Includes stations like CAST Castle Rocks, JOW Kunigami, I21K Tanana, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like F26K Sheeniek River, N25K Chitina, MOY Mondy, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like ENH Enshi, LZH Lanzhou, P32M Atlin, etc.

Table containing station call signs (e.g., SHLS, BRZS, BRZS) and their corresponding frequency, power, and other technical details.

Table containing station call signs (e.g., BRLS, KTKI, BPMT) and their corresponding frequency, power, and other technical details.

Table containing station call signs (e.g., MOS, MOS, RSSD) and their corresponding frequency, power, and other technical details.

11d Oh

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SUW Suwalki, AKT Akhty, ERBR Yermizino-Bor, etc.

2018 OCT

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like STHS comp=Z,50nm,1.3s, STHS Stebnicka Huta, EKA Eskdaleimur Ar, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like VYHS Vyhne, JAVC Velka Javorina, CJJR Cluj-Napoca, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BZS, MCH1, STRD, UOSS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like A051A, JRN, BOJS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PVRL, MVO, MTE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include BOURR Bourrignon, BALST Balsthal, SLE Schleithem, HOHE HOHENGOEFT, etc.

ROM 11 00:24:38.5:0.1,42:868N:0:004:12:944E:0:005, h8km, ML1.0/10, Error ellipse: s-maj=0.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include NRCA Norcia, GAVE Gavelli, MC2 Monte Cornacci, FDMO Fiordimonte, etc.

IDC 11 00:29:06.6:1.3,1:42N:120:82E,h0km,mb3.5/4, mbtmp3.5/5,ML3.6/1, Error ellipse: s-maj=134.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 11 00:37:34.8:3.9,5:57S:150:38E,h0km,mb3.3/2, mbtmp3.4/2, Error ellipse: s-maj=148.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea, etc.

NEIC 11 00:39:25.4:2.4,40:46N:0:05:125:38W:0:06, h10km,2km, Error ellipse: s-maj=9.8km s-min=7.3km az=208.0

NCEDC 11 00:39:26.1:3.0,40:44N:0:05:125:54W:0:04,h2km,2km, ML3.2/8,ML2.9/62(NEIC), Error ellipse: s-maj=8.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include KCTM Capetown, KSMMP Slide Mountain, JCC Jacoby Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include O02D Mt. Diablo Mer, N02D Trinity Center, L02F Cave Junction, etc.

IDC 11 00:39:37.2:1.9,5:93S:151:14E,h0km,mb3.8/4, mbtmp3.9/4, Error ellipse: s-maj=105.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 11 00:41:40.6:1.4,3:49S:140:52E,h0km,mb3.9/5, mbtmp4.0/6,ML4.3/1, Error ellipse: s-maj=59.4km

ISC 11 00:41:46.6:1.2,3:75S:0:1x140:4E:0:4,h39km,n6,e,1977/8, mb3.8/3,Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

KRSC 11 00:52:10.6:1.6,49:21N:157:01E,h39km,24km,ML4.4

IDC 11 00:52:11.3:1.5,49:76N:155:55E,h0km,mb3.8/11, mbtmp3.8/13,ML4.2/1, Error ellipse: s-maj=35.7km

MOS 11 00:52:12.7:1.0,49:38N:156:07E,h54km,mb4.5/4, Error ellipse: s-maj=15.7km s-min=4.8km az=78.2

ISC 11 00:52:13.6:1.0,49:33N:0:1:156:37E:0:09,h50km,n64, -19:670,mb4.0/13,1C,Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include SKR Severo-Kuril's, KDRTR Khodutka, ASAK Asacha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include KRMR Karymshinsky, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

ASAJ Asakhikawa, KLR Kul'dur, KLR KLR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include BILL Bilibino, YAK Yakutsk, HIA Hailar, etc.

BVAR Borovoye Array, FINES Finest Array B

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include OBN Obninsk, KIV Kislovodsk, KBZ Khabaz, etc.

TEH 11 00:58:28.8:38:67'N:49:48'E,h12km,999km,ML2.6

AZER 11 00:58:29.6:38:53'N:49:43'E,h14km,ml2.8

ISC 11 00:58:31.0:9.1,7:38S:52N:0:04:49:40E:0:06,h13km,9km, n36,-19:02/60,Caspian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include GASI Astara - Iran, ASTR Astara, LKRN Lenkeran, etc.

11d 1h

Table with columns for station code, name, frequency, and other technical details. Includes stations like PETK, PETK, PET, etc.

2018 OCT

Table with columns for station code, name, frequency, and other technical details. Includes stations like JSD, USRK, MJB9, MAJO, MAJO, etc.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like C36M, ZALV, ZALV, CD2, GYA, GYA, etc.

Table of astronomical observations including stations like RAVN, ESDC, KEST, CPUP, PLCA, TROLL, SNAA, VN3, and VNA1 with associated data points.

Table of astronomical observations including stations like SONM, M16K, L16K, QSPA, CNPM, L18K, M19K, L19K, M27K, and NVAR with associated data points.

Table of astronomical observations including stations like CCD, LBTB, H10N1, H10N2, LPZA, LPAZ, BOAV, DBIC, TOR, BVAU, ARS, and WRA with associated data points.

KRSC 11 01:34:10.6;2.1, 49.23N;157.11E, h39km;30km, MI4.3, East of Kuril Islands

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

IBC 11 01:57:15.7;4.2, 5.61S; 151.17E, h0km, mb3.3/2, mbtmp3.4/2, Error ellipse: s-maj=162.7km s-min=55.3km az=117.0, New Britain region

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

IDC 11 02:16:14.0;0.4, 49.30N; 156.23E, h0km, mb4.9/37, mbtmp4.9/45, ML5.4/5, MS4.8/47, Error ellipse: s-maj=11.2km s-min=10.0km az=123.0

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

IDC 11 01:37:07.3;1.8, 10.41S; 124.85E, h0km, mb3.7/1, mbtmp3.7/4, ML3.5/3, Error ellipse: s-maj=99.1km s-min=27.5km az=65.0

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

IDC 11 02:04:38.1;0.6, 55.85S; 27.15W, h0km, mb4.7/9, mbtmp4.8/10, ML5.3/1, Error ellipse: s-maj=24.5km s-min=16.2km az=72.0

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

IDC 11 02:16:14.0;0.4, 49.30N; 156.23E, h0km, mb5.0/14, mbtmp5.0/16, M5.3/57, M5.7/52/57, Error ellipse: s-maj=15.9km s-min=10.5km az=131.0

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

IDC 11 01:50:59.1;3.3, 5.61S; 150.86E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=92.3km s-min=51.4km az=106.0, New Britain region

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

IDC 11 01:54:29.8;1.2, 10.31S; 161.28E, h0km, mb4.3/8, mbtmp4.2/9, ML4.0/1, Error ellipse: s-maj=37.0km s-min=24.4km az=65.0

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

IDC 11 01:54:36.2;1.4, 10.54S; 0.09-161.3E; 0.1, h39km, 5km, mb4.5/23, Error ellipse: s-maj=17.3km s-min=10.2km az=56.0

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

IDC 11 01:54:36.6;0.6, 10.56S; 0.07-161.26E; 0.10, h50km, n37, 0.18/39, mb4.2/20, Bougainville-Solomon Islands region

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

IDC 11 02:16:14.0;0.4, 49.30N; 156.23E, h0km, mb5.6/60, MS5.1/29, Error ellipse: s-maj=6.0km s-min=2.8km az=83.5

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

Table with columns for station names (e.g., PEA0B, PETK, etc.), call signs (e.g., Sn, Pn), and numerical values representing signal strength or quality (e.g., 02 18 09.2 +5.0).

Table with columns for station names (e.g., YUK, YUK, etc.), call signs (e.g., AMS, AMS), and numerical values (e.g., 02 21 43.6).

Table with columns for station names (e.g., GRNR, GRNR, etc.), call signs (e.g., pN, pmax), and numerical values (e.g., 12.84 284).

11d 2h

Table of 11-day 2-hour forecasts with columns for station, elevation, wind speed, gust, and temperature.

2018 OCT

Table of 2018 October forecasts with columns for station, elevation, wind speed, gust, and temperature.

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Table of 654 forecasts with columns for station, elevation, wind speed, gust, and temperature.

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Table with columns: PRP, Porcupine Dome, 33.89, 39, P, P, 02 22 59.2 +0.6, 02 23 15.1

Table with columns: XAN, Xian, 37.83, 264, p, P, 02 23 32.2 -0.4, 02 23 47.0 +3.3

Table with columns: MKAR, ScP, ScP, 02 30 15.0 +2.0, 47.70, 39, P, P, 02 24 51.1 -1.0

11d 2h

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Klamath Falls, Arti, Yreka Blue Hor, etc.

2018 OCT

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Rachel, Dugway, PD31, etc.

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Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Divnogorie, Q24A, HFS, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like WLF Waferdange, FAQ Al Faqa, ANTO Ankara, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, PAIG Paliouri, ANTO Ankara, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like AOE Aiquile, SOTI Pluma Incahua, SGOE Oqueque, etc.

11d 02:24:51.0, 1.22:27:5:69:00W, h215km, 40km, mb3.0/1, mbmp3.73, Error ellipse: s-maj=143.0km s-min=30.3km az=66.0

11d 02:55:42.0, 5.4:9.9S, 126:62E, h0km, mb4.7/27, mbtmp3.8/23, MLS, 5.4/3, MS4, 8.5/1 Error ellipse: s-maj=17.1km s-min=11.4km az=82.0

11d 2h

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Table with columns: TOO, Toolangi, 36.63 155, P, P, 03 02 50.9 -0.1, XAN, comp=Z,2um,20.0s, LR, LR, MDJ, MDJ, PP, PP, 03 06 28.1 -1.6

Table with columns: XAN, comp=Z,2um,20.0s, LR, LR, MDJ, MDJ, PP, PP, 03 06 28.1 -1.6, KS19, Wanjia Array Si, 42.38 1 P, P, 03 03 37.6 -1.2

Table with columns: MDJ, MDJ, PP, PP, 03 06 28.1 -1.6, MDJ, MDJ, P, P, 03 03 40.9 +1.4, MDJ, MDJ, P, P, 03 03 40.1 -2.1

Table with columns: Station, Name, Time, Date, Day, Wind, Temp, etc. Includes stations like N20K, HOM, PPLA, A21K, CHUM, G21K, CAPN, CAST, SKT, LABN, BRSE, C21K, H21K, VRH, F21K, E21K, B21K, ERBR, I21K, BPWA, SOC, O22K, F22K, RC01, H22K, SEW, B22K, TRF, G22K, MLY, E22K, LODK, PWR, KNK, G23K, COLD, RND, MCK, H23K, D23K, SML, NEA2, WAT1, C23K, VORD, E23K, VSR, P23K, VORR, M23K, TAOE, TOLK, WAT6, SCM, GLI, LPSR, CCB, COLA, DHY, H24K, H24K, D24K, Q23K, POKR, C24K, F24K, HDA, G24K, G24K, ILAR, ILAR, ILAR.

Table with columns: Station, Name, Time, Date, Day, Wind, Temp, etc. Includes stations like M24K, NVL, NVL, KLU, EYAK, GHJA, PAX, G25K, MOS, H25L, HARP, D25K, D25K, PRP, J25K, BNN, M24K, F25K, BMRM, KAIM, ERBR, ERBR, ERBR, I21K, BMAR, GLB, SCRR, MENT, J26L, G26K, L26K, CRQE, M26K, I26K, K27K, M27K, TROLL, L27K, L27K, BCAR, G27K, I27K, E27K, H27K, CTG, EGAK, EGAK, BRTR, BRTR, D27M, RKT, YUK3, MBAR, MBAR, O28M, F28M, F28M, I28M, E28M, E28M, YUK6, DAWY, DAWY, D28M, BELA, BELA, H29M, H29M, I29M, SNA4, SNA4, SNA4, E29M, G29M, M29M, O29M, LSZ.

Table with columns: Station, Name, Time, Date, Day, Wind, Temp, etc. Includes stations like LSZ, LSZ, L29M, K29M, P29M, EPYK, N30M, G30M, M30M, BOSA, I30M, I30M, F30M, J30M, J30M, LBTB, MAYO, O30N, G31M, VNA2, H31M, H31M, INK, INK, INK, F31M, F31M, AKASG, VNA3, VNA1, R32K, FARO, N32M, MI28, K3B, P33M, M23K, KARP, RNP, WTL, NOR, NOR, OKG, DAG, DAG, CHVC, UPC, F03A, GNW, NEEM, NEEM, G03D, G03D, G06A, G06A, GRF, E08A, KULLO, KULLO, MOTA, E09A, NEW, EMB, PNTR, F10A, WAKR, BMO, BMN, ISA, WCT, GWY, ELK, S11A, DLMT.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like Willow Creek R, Cerro Bola, Hansel, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like J55A Hilton, LONY Lake Ozonia, N53A Lisboa, etc.

ISC 11 03:05:16.9±0.2, 5.71±0.15; 150°80E, h0km, mb(2.3, 6.4), m-bp3.7/5, ML 1.5/1, Error ellipse: s-maj=98.2km, s-min=24.4km az=123.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PMG Port Moresby, WRA Warramunga Arr, etc.

ISC 11 03:15:33.0±0.2, 4.5±0.7; 151°30E, h36km, 18km, mb4.2/16, mbmp4.4/17, ML3.1/1, Error ellipse: s-maj=19.8km, s-min=11.4km az=113.0

NEIC 11 03:15:35.0±0.1, 5.7±0.3; 081°15'E, 0.1°, h61km, 8km, mb4.9/34, Error ellipse: s-maj=18.9km s-min=4.0km az=126.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like BULU Kimberley, H40PG Keravat, etc.

Table of seismic events with columns for station name, magnitude, time, and location. Includes stations like DZM Mont Dzumac, QLP Quijipe, WATN Wattle Plateau, etc.

BER 11 03:17:40.1±0.8, 7.6±3.2; N8°77E, h10km, mb(Pn)3.3, Confirmed Earthquake

ISC 11 03:17:43.2±0.3, 7.6±5.0; 1°09'35E, 0°08', h10km, n8, s171/13, Svalbard region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like HSPB Hornsund, BRBA Barentsburg, etc.

SJA 11 03:29:35.1±0.7, 31°36'S; 71°68'W, h28km, 2km, ML3.2, MWV3.5

GUC 11 03:29:38.6±0.7, 31°40'S; 71°40'W, h45km, 2km, ML3.2

Table with columns for station codes (e.g., MJAR, MJB9, ZEA), station names, coordinates, and status. Includes entries like Matushiro Arr, Matsu-Tunnel, Zeya, and others.

Table with columns for station codes (e.g., LZH, GRNB, GYA), station names, coordinates, and status. Includes entries like Lanzhou, Greenville Isla, Guiyang, and others.

Table with columns for station codes (e.g., BOZ, BMM, KVN), station names, coordinates, and status. Includes entries like Bozeman (W), Battle Mountai, Kaiserville, and others.

11d 3h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ANMO Albuquerque, AKT Akhty, KIV Kislovodsk, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VYHS Vyhne, JAVC Velka Javorina, CJR Cluj-Napoca, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BOVS Bovan, PRED Cave del Predi, ABTA Abfalterbach, etc.

IDC 11 03:45:20.8:1.4,5:89S; 151:15E, h0km, mb3.9/6, mbmp3.9/7, ML 1.7/1, Error ellipse: s-maj=51.4km

ISC 11 03:45:26.9:1.2,6:05:02:151:1E:02, h43km, n8, 085/9, mb3.8/g, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 11 03:46:25.1:1.2, 17:80S; 0:09:178:1W:0:1, h551km, 6km, mb4.4/41, Error ellipse: s-maj=18.4km s-min=11.6km az=66.0

IDC 11 03:46:26.0:0.9, 17:84S; 178:15W, h561km, 9km, mb3.5/15, mbmp4.3/17, Error ellipse: s-maj=15.0km s-min=11.3km az=144.0

ISC 11 03:46:25.0:0.4, 17:85S; 0:10:178:11W:0:08, h550km, n8, 082/88, mb4.3/37, SC, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MSVF Nonavsu, DZM Mont Dzumac, KOUNC Koumac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mina Array Bay, Timber Creek, Fort Rock, etc.

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAJ, H1N2, H1N1, etc.

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

NEIC 11 05:44:09.2, 2.6, 48.65N; 0.02, 122.36W; 0.02, h21km, gkm,

Error ellipse: s-maj=3.4km s-min=2.0km az=192.0
PGC 11 05:44:09.4.0.2, 48:65N-122:33W, h25km, ML2.0/19,
44km south of Albertabotsford, Bc Washington
SEA 11 05:44:09.6.2.9, 48:66N-102:122:33W, 0.03, h21km, 4km,
ML2.3/14, ML2.1/34(NEIC), Error ellipse: s-maj=3.4km
s-min=3.0km az=168.0
ISC 11 05:44:09.3.0.9, 48:65N-102:122:36W, 0.02, h25km, 7km,
n100, c0994/136, Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lummi Island, Mount Constitu, Mount Baker, Skagit Valley, etc.

Table with columns: CBB, IAML, 05 45 31.1, 05 44 49.7, etc. Includes station names like Windy Ridge, Source of Smit, Southwest Flan, Moxie City, etc.

Table with columns: DALK, 05 45 31.1, A, A, 05 49 36.9, etc. Includes station names like Dalky, Ugljovaya, Avacha, Koryakka, etc.

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Table listing meteorological data for stations like TYV, UGL, YSS, YAH, OKH, NKL, JKA, ASAJ, MA2, ERM, GRNR, JTM, SEY. Columns include station name, elevation, wind speed/direction, precipitation, and other atmospheric measurements.

Table listing meteorological data for stations like TEY, AMKA, EKMR, JMM, KLR, JSD, USA0B, USKR, USRK, MJAR, MJB9, MAJO, MAJU, ZEA, MSHR, HEH, MDJ, PSTR, JGF, BILL, YAK, and YK. Columns include station name, elevation, wind speed/direction, precipitation, and other atmospheric measurements.

Table listing meteorological data for stations like BNX, JHJ, SPIA, GAMB, JMN, KSRS, KS19, KSAR, HIA, SNY, M11K, INCN, INCN, INCN, INCN, TAJON, JNU, JNA, K13K, F14K, M13K, ANM, ANN, ANM, ANN, J14K, TIXI, TIXI, TIXI, TIXI, TIXI, L14K, L14K, S12K, M14K, F15K, G15K, N14K, BOD, BOD, BOD, O14K, L15K, K15K, M15K, DL2, DL2, DL2, DL2, H16K, C16K, N15K, N15K, O15K, J16K, I17K, CHNA, D17K, L16K, M16K, M16K, RDOG, RDOG, G17K, E17K, N16K. Columns include station name, elevation, wind speed/direction, precipitation, and other atmospheric measurements.

11d 5h

Table with columns for station ID, name, elevation, frequency, and status. Includes stations like F17K, C17K, H17K, J17K, etc.

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Main table with columns for station ID, name, elevation, frequency, and status. Includes stations like SKT, TIA, HOM, A22K, F22K, D22K, H22K, BPAW, KTH, G22K, B22K, E22K, MLY, BRSE, H11S1, H11S3, H11S2, TRF, SSE, G18K, SSE, HNS, HNS, HNS, HNS, COLD, G23K, O22K, D23K, D23K, ULN, ULN, H23K, I23K, HHC, HHC, HHC, HHC, HHC, HHC, PMR, NEA2, NEA2, C23K, MCK, E23K, RND, IRK, IRK, TOLK, TOLK, WAT1, SONM, SONM, KNK, KNK, KNK, SML, SML, NJ2, NJ2, PWL, E24K, D24K, COLA, COLA, COLA, COLA, COLA, COLA, H24K, H24K, WAT6, M23K, C24K, F24K, F24K, POKR, DHY.

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Table with columns for station ID, name, elevation, frequency, and status. Includes stations like DHY, G24K, G24K, SCM, HDA, HDA, ILAR, ILAR, ILAR, ILAR, TIY, TIY, TIY, TIY, BTO, BTO, BTO, BTO, BTO, G25K, ZAK, M24K, D25K, K24K, PRP, PRP, F25K, F25K, KLU, Q23K, J25K, J25K, PAX, RIDG, F26K, F26K, N25K, SCRK, BMRM, G26K, C27K, C27K, J26L, MENT, I26K, L26K, M26K, M26K, LYN, LYN, LYN, LYN, LYN, MCARA, CRQE, K27K, G27K, E27K, E27K, D27M, M27K, EGAK, EGAK, GRNC, F28M, F28M, CTG, CTG, E28M, E28M, I28M, I28M, LOGN.

Table with 5 columns: call sign, name, frequency, mode, and status. Includes stations like Malin Array Si, Warrungunga Arr, and various other frequencies.

Table with 5 columns: call sign, name, frequency, mode, and status. Includes stations like Stebnicka Huta, Eskdalemir, and various other frequencies.

Table with 5 columns: call sign, name, frequency, mode, and status. Includes stations like Kecco, Negra, Maruska, and various other frequencies.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SIRR, WET, BATG, GEC2, GERES, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ASUD, JMDO, CLTN, FRGS, ALNE, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PPT2, PAIG, ORIS, KEK, etc.

JMA 11 06:17:16.7, 0.2, 28.1N; 0.4, 128.1E; 0.6, h12km2km, ...
ISC 11 06:17:18.0, 1.8, 28.05N; 0.05, 128.14E; 0.07, h11km12km, ...

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Table with columns: JOW, JAM, JNTJ, etc. and rows for Amami Oshima, Takarajima, Nagatoyohara, etc.

JMA 11 06:18:41.6-0.3, 28°11'N-108°05'E-0.7, h10km, 2km, MD4.9/18, MW5.0/18, NW OFF OKINAWAJIMA IS

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc. and rows for JOKE, JTK, JIH, etc.

2018 OCT

Main table with columns: MJAR, HNS, HNS, etc. and rows for HongShan, Beijing, Enshi, etc.

11d 6h

Table with columns: PZH, PZH, PZH, etc. and rows for Gaotai, TengChong, WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various satellite identifiers (DLMT, HLID, NVAR, etc.)

CNRM 11 06:21:40.2, 36°31'N, 4°9'W, h57km
MDD 11 06:21:41.6, 0.6, 36°37'N, 4°80'W, h83km, 6km, Mb2, 4/17,
Error ellipse: s-maj=4.3km s-min=2.6km az=169.0
IGIL 11 06:21:42.8, 36°37'N, 4°80'W, h75km, ML2.1
INMG 11 06:21:43.2, 1.5, 36°46'N, 4°90'W, h75km, 6km, ML2.1, Error
ellipse: s-maj=3.6km s-min=3.3km az=127.0
SFS 11 06:21:43.2, 36°53'N, 5°02'W, h29km, ML2.5/7, ML2.5/7,
ML2.5/7

Main table listing satellite stations and their characteristics, including Code, Station Name, Az, Phase ID, Time, Res, and various identifiers.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various satellite identifiers (PMTG, PCBR, etc.)

NOU 11 06:23:46.5, 21°81'S, 179°49'W, h150km, mb4, 7/19, Fiji
Islands Region
IDC 11 06:24:21.3, 0.8, 22°22'S, 179°93'W, h562km, 8km, mb3, 7/13,
mbmp4, 6/17, Error ellipse: s-maj=13.0km s-min=11.1km
az=82.0
NEIC 11 06:24:22.3, 1.3, 22°22'S, 0°1, 180°0'W, 0'1, h573km, 9km,
mb4, 4/37, Error ellipse: s-maj=21.3km s-min=16.8km
az=45.0

Main table listing satellite stations and their characteristics, including Code, Station Name, Az, Phase ID, Time, Res, and various identifiers.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various satellite identifiers (WAKR, PNTR, DSP, etc.)

IDC 11 06:30:40.1, 0.5, 52°27'N, 168°56'W, h0km, mb4, 8/36,
mbmp4, 8/37, ML3, 8/1, MS3, 9/6, Error ellipse:
s-maj=15.2km s-min=10.1km az=172.0
B, I, mb5, 4/11, MS4, 8/3, Ms7, 4/6/3
BGR 11 06:30:42.4, 51°14'N, 169°03'W, h33km, mb5.2
AEC 11 06:30:44.3, 2.0, 52°26'N, 0°7, 168°46'W, 0.09, h39km, 5km,
Error ellipse: s-maj=10.2km s-min=7.3km az=151.0
NEIC 11 06:30:46.4, 1.7, 52°34'N, 0°06, 168°42'W, 0.09, h40km, 6km,
mb4, 8/38, ML4, 4/8, ML4, 2(AEC), Error ellipse:
s-maj=10.1km s-min=6.6km az=146.0

Main table listing satellite stations and their characteristics, including Code, Station Name, Az, Phase ID, Time, Res, and various identifiers.

11d 6h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like M29M Somme Creek, F25K Christian River, and many others.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H31M Peel River, H31M comp=Z,73nm,0.9s, and many others.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like HLID Hailey, DLMT Dillon, KVN Kaiserville, and many others.

Table listing astronomical observations for 2018 OCT, including station names (e.g., ULM, HIA), object names (e.g., Lac du Bonnet, HIA), coordinates, times, and signal-to-noise ratios.

Table listing astronomical observations for 2018 OCT, including station names (e.g., FW03, PLPT), object names (e.g., Perrin-Whitt E, Palo Pinto), coordinates, times, and signal-to-noise ratios.

Table listing astronomical observations for 2018 OCT, including station names (e.g., WMQ, JOF), object names (e.g., Urumqi, Joesnuu), coordinates, times, and signal-to-noise ratios.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Kiev, Malin Array, Chiang Mai, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Marisel-Cluj, Koelnbreinsper, Feichten, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PETK, KRER, DALK, etc.

NEIC 11 06:32:01.7z 1.3, 4.9; 12N; 0.10; 156.3E; 0.2, h10km; 2km, mb4.1/0, Error ellipse: s-maj=27.2km s-min=3.0km az=12.0

SKHL 11 06:32:03.0z 0.2, 4.9; 00N; 156.90E, h29km; 4km, mb4.5/6 KRSC 11 06:32:05.0z 1.8, 4.9; 12N; 157.09E, h39km; 24km, M14.2

ISC 11 06:32:07.0z 0.1, 4.9; 00N; 009.156E; 0.1, h35km, n48, s=192.3km, mb4.1/1.1, Kuril Islands

ISK 11 06:32:54.3, 39.13N; 27.61E, h0km, ML 1.7/12, Suspected Mining explosion. AFAD 11 06:32:57.5; 50.0, 37.44N; 26.78E, h7km; 2km, ML1.6, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other parameters. Includes stations like DDIM, GCAM, DGB, etc.

URLA 11 06:43:42.3z 1.9, 5.2; 60N; 0.06; 168.70W; 0.09, h65km; 5km, Error ellipse: s-maj=10.8km s-min=5.9km az=141.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and other parameters. Includes stations like NIKH, CLCO, OKSP, etc.

Table with columns: MSW, UNV, UNV, UNV, AKMO, ATKA, KIWB, SDPT, CHDNT, AMKA, N19K, SCM, SPWF, M24K, HMT, HMT, N25K, N25K, GLB, GLB, MCARA, MCARA, ILAR, POKR, M26K, M26K, L27K, J2BL, BCAR. Includes station names, coordinates, and various parameters.

IDC 11 06:53:50.0, 1.1, 36.64N, 79.96E, h0km, mb3.8/9, mbtmp3.9/14, ML3.6/4, MS3.3/2, Error ellipse: s-maj=25.7km s-min=18.8km az=53.0

NNC 11 06:53:55.6, 3.0, 37.03N, 80.48E, h0km, mb4.6, mpv4.2, Error ellipse: s-maj=27.6km s-min=21.9km az=100.0

ISC 11 06:53:52.1, 1.1, 36.70N, 0.09, 80.3E, 0.1, h10km, n20, a23/25, mb3.7/9, 7C-2D, Southern Xinjiang

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Podgornoye, Medeo, Tokmak 2, Ala-Archa, etc.

IDC 11 07:00:25.1, 3.8, 6.18S, 151.36E, h0km, mb3.3/2, mbtmp3.3/2, MS3.1/1, Error ellipse: s-maj=150.0km s-min=51.3km az=121.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Port Moresby, Guam, Warramunga Arr, Alice Springs, Torodi Arr.

NEIC 11 07:00:58.9, 0.8, 35.20N, 0.01, 97.597W, 0.007, h5km, 1km, Error ellipse: s-maj=2.7km s-min=2.1km az=342.0

NEIC 11 07:00:59.0, 7.35, 19N, 0.01, 97.58W, 0.02, h7km, 1km, mb_Lg, 3/15, ML2.2/36, ML2.1, Error ellipse: s-maj=2.4km s-min=1.4km az=138.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Franklin, Oklahoma City, Liberty Lane, Smith Ranch, Battle Ridge, Wichita Mounta, Depew, Love County.

Table with columns: LOOK, CROK, TULS, KAN13, KAN17, X37A, T35A, SMWD, AMTX, SN07, CBKS, P38A. Includes station names, coordinates, and various parameters.

BJL 11 07:06:30.7, 31.03N, 110.47E, h7km, mb4.6/24, mB4.6/6, ML4.7/20, Ms4.5/37, Mb4.4/206

IDC 11 07:06:31.1, 0.6, 31.04N, 110.53E, h0km, mb4.3/21, mbtmp4.2/22, ML3.5/1, MS3.8/22, Error ellipse: s-maj=25.6km s-min=13.8km az=60.0

NEIC 11 07:06:33.3, 1.4, 31.05N, 0.08, 110.52E, 0.1, h10km, 1km, mb4.5/22, Error ellipse: s-maj=15.2km s-min=12.9km az=142.0

ISC 11 07:06:32.8, 0.4, 31.04N, 0.04, 110.50E, 0.04, h10km, n86, a189/87, mb4.4/31, MS3.9/20, 1D, Southeastern China

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Enshi, ChangShang, LuoYang, GuLi, Chengdu, HongShan, Lanzhou, PanZhihua, Sheshan, Baotou, Beijing, Taipu, Qiongzong, QIZ, QIZ.

Main table for station data with columns: TNCH, TNCH, TNCH, TNCH, TNCH, YULB, PHRA, Wonju Array Si, KSRS, KSRS, KSRS, CHTO, CMAR, CMAR, CMAR, CMAR, ULN, ULN, SONM, SONM, SONM, JNU, USRK, USRK, WMQ, WMQ, WMQ, HEH, HEH, HEH, HEH, MJAR, KLR, JHJ, MK31, MKAR, MKAR, MAKZ, MAKZ, ERM, ERM, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURB, AAK, YAK, GAR, GAR, KKAR, CHGR, GUMO, BVAR, MA2, NRK, NRK, NRK, ABKAR, ABKAR, ABKAR, TIXI, AKTO, ARTI, ARTI, KBZ, WB0, WB0, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, KEV, ARCES, ARCES, FINES, SPITS, AKASG, HFS, HFS, ILAR, ILAR, NB2, NB2.

Table of seismic stations with columns for NOA, KDAK, STKA, CLL, GERES, RES, KMBO, EKA, YKA, BBB, ESDC, ESDC, NEW. Includes station names, coordinates, and identifiers.

IDC 11 07:15:07.3.1.3, 49.77N-81.57E, h0km, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=17.0km s-min=10.5km az=50.0

NNC 11 07:15:09.71.9, 49.53N-81.34E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=37.0km s-min=8.5km az=53.0, Suspected Mining explosion.

ISC 11 07:15:06.1.0.9, 49.57N.0.05.81.43E, h0km, n11, s=1500,14,3C-5D, Eastern Kazakhstan

Main table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like SEM, KURK, KURBB, ZSN, H46RU, ZALV, BVAR, etc.

NNC 11 07:26:01.1.1.1, 49.67N-81.89E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=14.9km s-min=2.7km az=54.0, Suspected Mining explosion.

IDC 11 07:26:04.6.2.2, 49.66N-81.93E, h0km, mbtmp2.7/2, ML2.2/2, Error ellipse: s-maj=48.8km s-min=14.3km az=92.0

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like KURK, KURBB, MAKZ, MK31, MKAR, LPAZ, ZSN, H46RU, ZALV, BVAR, etc.

IDC 11 07:31:51.4.1.5, 5.58S-151.15E, h0km, mb3.1/2, mbtmp3.1/2, Error ellipse: s-maj=157.3km s-min=54.8km az=117.0, New Britain region

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like WRA, ASAR, TORD, etc.

IDC 11 07:55:41.9.3.5, 5.97S-151.26E, h0km, mb3.6/2, mbtmp3.7/3, ML0.6/1, Error ellipse: s-maj=125.5km s-min=47.3km az=123.0, New Britain region

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like PMG, WRA, etc.

ASAR Alice Springs 24.26 222 P P 08 01 00.9 0.0
TORD Torodi Arr. Bea 148.96 286 PKPbc PKPbc 08 15 32.7 -0.8

IDC 11 08:02:18.2.3.6, 5.31S; 145.71E, h75km, 35km, mb3.7/9, mbtmp4.0/11, ML3.6/2, Error ellipse: s-maj=23.8km s-min=16.2km az=128.0

ISC 11 08:02:19.4.0.7, 5.32S, 0.08x145.7E, 0.1, h86km, n14, s=1916,13,mb3.8/9, Eastern New Guinea region

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like WRA, ASAR, DZM, STKA, H1S3, H1S2, H1S1, USRK, PETK, MKAR, QSPA, ILAR, BVAR, etc.

IDC 11 08:14:23.9.4.2, 53.68N-88.02E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=42.5km s-min=19.1km az=55.0, Southwestern Siberia

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR, etc.

IDC 11 08:18:36.0.3.4, 2.05N-146.09E, h0km, mb3.9/5, mbtmp4.0/5, Error ellipse: s-maj=279.5km s-min=36.4km az=37.0, Mariana Islands region

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like KSRS, SONM, MKAR, KURBB, BVAR, LPAZ, etc.

IDC 11 08:25:24.0.1.0, 42.45Sx173.20E, h0km, mb4.0/6, mbtmp4.0/8, ML3.9/2, MS3.0/1, Error ellipse: s-maj=27.9km s-min=21.2km az=106.0

NOU 11 08:25:25.9.42.6S, 173.37E, h14km, MLV4.4/15, South Island, New Zealand

WEL 11 08:25:27.3.42.53S, 173.16E, h9km, ML4.4, Mw4.0, Moment Tensor Solution, ... Principal axes: M1: 4.2000e+10 N1: 1.8000e+10 ...

WEL 11 08:25:27.3.0.4, 43.3S, 173.3E, h5km, M4.2/10, ML4.5/10, MLV4.2/10, Error ellipse: s-maj=4.5km s-min=2.8km az=133.6, confirmed

ISC 11 08:25:25.9.0.9, 42.55S-102.173.25E, h0.03, h11km, 6gkm, n159, s=1936,175, mb4.2/9, 3C, South Island

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like WTMTC, WTMZ, WTAU, WTAU, WTAU, etc.

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like RACZ, TKNZ, TKNZ, TCW, MHZC, etc.

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like RACZ, CAW, ARWZ, etc.

Table of seismic stations for 11d 8h, listing station names, coordinates, and identifiers. Includes stations like RACZ, MOVZ, WNWZ, etc.

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=190, slow=20, SNR=12

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

URZ 1.2nm, 0.3s, baz=238, slow=9.5, SNR=14

MKAR Makanchi Array 119.87 308 PKP PKPdf 08 44 16.5 +0.7
TORO Torodi Ar. Bea 149.80 197 PKPbc PKPdf 08 45 14.8 +3.2

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

IDC 11 08:44:21.2, 3.0, 53.78N-88.25E, h0km, mbtmp3.2/3, ML2.7/2, Error ellipse: s-maj=24.5km s-min=17.3km az=55.0

NNC 11 08:44:21.8, 1.0, 53.63N-88.14E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=8.8km s-min=4.0km az=56.0, Suspected Mining explosion.

ISC 11 08:44:16.9, 4.3, 53.38N, 0.1, 88.6E, 0.2, h0km, n9, s1512/11, 7C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, MK31 Makanchi Array, etc.

IDC 11 08:59:34.7, 999.0, 49.12N, 71.61E, h0km, Error ellipse: s-maj=757.8km s-min=187.6km az=55.0, Central Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, SONGINO INFRA, USSURIYSK INFR, etc.

NDI 11 09:05:45.9, 3.4, 26.18N-92.75E, h58km, 74km, ML3.6, MW3.6

IDC 11 09:05:46.7, 5.7, 26.06N-94.29E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=513.3km s-min=31.2km az=60.0

ISC 11 09:05:46.3, 1.2, 26.19N, 0.0, 92.78E, 0.05, h49km, 17km, n12, c1567/19, mb3.4/3, Northeastern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHL Shillong, ITAN ITANAGAR, KOHI KOHIMA, JORH JORHAT, MOKO MOKOCHONG, ZIRO ZIRO, IMP Impal, AZL Aizawl, LKP Lekhapani, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 11 09:07:30.4, 5.2, 18.04N-120.95E, h0km, mb3.4/4, mbtmp3.4/4, MS3.1/1, Error ellipse: s-maj=537.1km s-min=23.0km az=62.0, Luzon

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

IDC 11 09:10:02.9, 0.9, 30.91N-110.23E, h0km, mb4.1/12, mbtmp4.1/14, ML3.6/2, MS2.9/5, Error ellipse: s-maj=26.5km s-min=16.7km az=55.0

BUI 11 09:10:03.8, 3.1, 02N-110.46E, h10km, mb4.4/11, mB4.6/6, ML4.2/22, Ms4.0/17, Ms7.3/6/14

NEIC 11 09:10:04.9, 1.0, 30.97N, 0.0, 110.33E, 0.1, h10km, 1km, mb4.3/14, Error ellipse: s-maj=12.5km s-min=9.8km az=97.0

ISC 11 09:10:05.0, 0.5, 31.01N, 0.0, 110.42E, 0.04, h10km, n56, c189/69, mb4.3/20, 2D, Southeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ENH Enshi, XAN Xi'an, WHN Wuhan, CNSH ChangSha, LYN LuoYang, GYA Guiyang, CD2 Chengdu, etc.

IDC 11 09:22:01.6, 3.7, 53.86N-88.27E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=34.1km s-min=20.7km az=42.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Kurchatov Arra, KURBB Kurchatov Arra, etc.

NNC 11 09:29:28.1, 3.8, 53.41N-88.05E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=33.6km s-min=14.4km az=61.0, Suspected Mining explosion.

IDC 11 09:29:29.5, 3.3, 53.65N-88.00E, h0km, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=30.4km s-min=17.0km az=62.0

ISC 11 09:29:27.2, 1.2, 52.39N, 0.0, 86.7E, 0.1, h0km, n10, c323/12, 4C-8D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, MK31 Makanchi Array, etc.

QIZ comp=N, 190nm, 3.9s LR LR
QIZ comp=E, 340nm, 7.5s LR LR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YULB Yu-li, KS19 Wonju Array Si, KSRS Korea Array, CMAR Chiang Mai Arr, SONMI Songino Array, SHL Shillong, JNU Nakatsue, USA0B USSURIYSK Arr, USRK USSURIYSK Arr, WMO WMO, HEH HeiHe, KLR Kul'dur, MK31 Makanchi Array, MAKZ Makanchi, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, YAK Yakutsk, KKAR Karatay Array, LWUI Luwuk, BVAR Borovoye Array, MA2 Magadan, NRK Nor'isk, ABKAR Abkulaik array, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr, AS31 Alice Springs, ARCS ARCESS Array B, HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

NNC 11 09:29:28.1, 3.8, 53.41N-88.05E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=33.6km s-min=14.4km az=61.0, Suspected Mining explosion.

IDC 11 09:29:29.5, 3.3, 53.65N-88.00E, h0km, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=30.4km s-min=17.0km az=62.0

ISC 11 09:29:27.2, 1.2, 52.39N, 0.0, 86.7E, 0.1, h0km, n10, c323/12, 4C-8D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arra, MK31 Makanchi Array, etc.

11d 10h

Table with columns: MAKZ, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Makanochi, Makz, Borovoye Array, etc.

IDC 11 09:37:26.4, 3.1, 27.81N-57.36E, h0km, mb3.8/5, mbmp3.8/5, MS3.32, Error ellipse: s-maj=87.1km s-min=31.4km az=143.0

DSN 11 09:37:30.9, 2.3, 27.92N-57.87E, h15km, ML3.0/9, Error ellipse: s-maj=42.0km s-min=16.5km az=145.0

TEH 11 09:37:30.8, 28.19N-57.34E, h12km, 28km, ML3.4

OMAN 11 09:37:33.6, 0.1, 27.92N-57.18E, h10km, mb5.0/2, m3.4/13, Error ellipse: s-maj=1.5km s-min=0.8km az=33.0

ISC 11 09:37:30.1, 0.7, 28.17N-100.5731E, h10km, n52, f=172/66, mb3.7/5, Southern Phase

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like KHND, IBND, GENO, BAM, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like ARO, ISAD, WSAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like BVAR, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like SONM, TORD, JMJC, etc.

IDC 11 09:49:46.7, 0.7, 55.16S-30.80W, h0km, mb4.3/7, mbmp4.4/8, ML4.5/1, MS3.5/7, Error ellipse: s-maj=24.4km s-min=18.0km az=62.0

NEIC 11 09:49:48.7, 1.3, 55.62S-22.01W, h0km, mb4.6/28, Error ellipse: s-maj=20.2km s-min=5.9km az=171.0

ISC 11 09:49:48.2, 0.5, 55.15S-30.80W, h0km, n56, f=0570/47, mb4.6/15, MS3.5/6, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like HOPE, VNA1, VNA3, etc.

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Table with columns: CPUP, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Makanochi, GSPA, QSPA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VA06, CO02, CO01, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AC05, MAW, MAW, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H103, H103A, LPAZ, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MBAR, FINES, ARCES, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BVAR, MKAR, ZALV, etc.

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

IDC 11 09:55:59.4, 6.5, 26.27N-91.37E, h0km, mb3.2/3, mbmp3.2/3, Error ellipse: s-maj=460.7km s-min=31.3km az=62.0, Northeastern India

UCR 11 10:13:29.3, 0.6, 8.91N-84.04W, h0km, MW3.9

UPA 11 10:13:29.7, 1.0, 8.76N-84.05W, h0km, 25km, MW3.6

CATAC 11 10:13:30.0, 0.9, 8.85N-84.01W, h1km, 4km, ML3.6

ISC 11 10:13:29.5, 1.5, 8.86N-84.06W, h0km, n11km, n48, f=0915/28, Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like OCHAL, SVQ2, EDNP, etc.

Table with columns: SOCE, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like David, El Espalme, Bo, etc.

GII 11 10:28:16.3, 0.5, 30.95N-0.02S-35.498E, h0km, n49, M2.8/3, Mws2.8/7, confirmed

JSO 11 10:28:16.3, 0.9, 30.92N-35.53E, h2km, ML2.9/20

ISC 11 10:28:16.4, 0.8, 30.95N-0.02S-35.50E, h10km, n49, f=058/50, 1C-4D, Dead Sea region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like NTKR, NVZR, HZVA, etc.

NEIC 11 10:30:27.4, 1.6, 37.07N-0.008-97.86W, h0km, n1km, Error ellipse: s-maj=2.5km s-min=1.6km az=116.0, Kansas

NEIC 11 10:30:28.1, 0.9, 37.082N-009.972W, h0km, n7km, mb, Lg2.7/47, ML2.8/12, ML3.0/42, Error ellipse: s-maj=1.4km s-min=1.3km az=116.0, Kansas

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like KAN05, KAN05, KAN17, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKLAHOMA CITY, FNO Franklin, TUL3 Leonard, KSU1 Kansas State U, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKAR Karatay Array, I29M Ogilvie Camp, F28M Old Crow, etc.

NAO 11 10:49:13.8:45.0, 75.41N:7.06E, ML2.6
BAO 11 10:49:18.4:0.8, 75.39N:7.81E, h15km:82km, mb(Pn)3.5, Confirmed Earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSPB Hornsund (broa), BRBA Barentsburg A, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAR Rarotonga, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, ELK Elk, PRN Pahroc Range, etc.

IDC 11 11:10:12.8:0.5, 5.92S:151.10E, h0km, mb4.4/19, mbmp4.4/20, ML1.4/1, MS4.0/42, Error ellipse: s-maj=19.6km s-min=11.9km az=114.0

NEIC 11 11:10:14.2:9.6, 2.20S:0.08, 151.12E:0.10, h10km:1km, mb4.8/62, Error ellipse: s-maj=18.0km s-min=11.1km az=120.0

DJA 11 11:10:16.8:4.4, 6.58S:151.1E, 1.1, h14km:25km, MA.7/11, mB5.1/4, mb4.5/11, MLv4.8/1, Mw(mB)4.4/4

GCMT 11 11:10:21.5:0.2, 6.34S:0.01:151.05E:0.02, h23km, MW5.0/96, Moment Tensor Solution. s1,c69; s96,c152; Duration: 0 Moment tensor: Scale 10^10Nm; Mr3.28±.17; Mw=3.38±.11; Mw0.10±.10; Mw2.33±.15; Mw0.10±.07; Mw0.23±.17; Best double couple: Mo4.19200±.1016 NP1.8±0.00000, 862.00000, 1.96.00000, NP2: 0±42.00000, 329.00000, 1.79.00000

ISC 11 11:10:13.9:0.4, 6.13S:0.06:151.16E:0.07, h10km,n139, s=152/93, mb4.7/50, MS4.1/41, 1D, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I40PG Keravat, RABL Rabaul, PMG Port Moresby, etc.

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

SOME 11 11:28:33.6, 40.75N:79.97E, h5km, NNC 11 11:28:34.9:1.1, 40.75N:79.89E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=7.3km s-min=6.7km az=91.0

ISC 11 11:28:36.5:3.5, 40.9N:0.1:79.90E:0.09, h10km, n18, s=133/77, Southern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURS Kuram, TNSS Tian-Shan, MDOK Medeo, etc.

IDC 11 11:28:53.3-4.4, 5.68S, 151.42E, h24km, 27km, mb3.8/9, mbmp4.0/10, ML2.5/1, MS3.0/3, Error ellipse: s-maj=26.8km s-min=20.0km az=113.0, NEIC 11 11:28:56.8-2.1, 5.68S, 151.27E, h0.09, h35km, 2km, mb4.3/15, Error ellipse: s-maj=14.4km s-min=7.9km az=282.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I40PG Keravat, RABL Rabaul, PMG Port Moresby, COEN Coen, GUMO Guam, MTN Manton Dam, WB0 Warramunga Arr, WR0 Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, DZM Mont Dzumac, PINNC Pines Island, KNRA Kununurra, AS31 Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, MBWA Marble Bar, RAR Rarotonga, SONMI Songoing Arr, ILAR Eielson Array, OSPA South Pole Qui, NVAR Mina Array Bea, GERES GERES Array B, TORD Torodi Ar. Bea.

GII 11 11:30:13.9-0.4, 30.95N, 02.35-4.93E, h0.007, h5km, M2.4/3, Mw2.6/6, confirmed, JSO 11 11:30:14.3, 30.94N, 35.55E, h2km, ML2.6/21, ISC 11 11:30:14.3-1.0, 30.94N, 02.02-35.51E, h10km, gkm, n44, 0559/48, 1C-2D, Dead Sea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NTKR Neot Hakikar, HZVA Hezeva, GHAJ Ghor Haditha, MDBI Mazsada, ZFRI Zfiri, ZFRI Zfiri, KEOD Kibutz Ein-Ged, YFIR Yattir, ZUKM Zukim, SWQJ Swaga, DSI Dead Sea, PRNI Paran, L27K Beaver Creek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PRNI Paran, VJRH Vered Jericho, KZIT Kziot, HRFI Mount Harif, YITV Yitav, KRMI Paran Flat, MBRI Mt Berech, MBRI Aqaba, HSUJ Al Zarqa, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Salfit, SLTI Salfit, EIL Elat, ASF Jabal al Asfar, OFRI Ofer, OFRI Ofer, MMBI Mount Meron ar.

KRSC 11 11:37:13.9-1.7, 50.95N, 160.50E, h61km, 35km, M4.3, IDC 11 11:37:14.1-0.8, 51.16N, 160.41E, h0km, mb3.7/10, mbmp3.7/11, ML3.0/1, MS3.8/6, Error ellipse: s-maj=23.7km s-min=18.5km az=60.0, NEIC 11 11:37:15.5-0.9, 51.0N, 01.160, 45.0, h10km, 2km, mb4.4/11, Error ellipse: s-maj=21.1km s-min=7.9km az=141.0

MOS 11 11:37:17.4-0.8, 51.07N, 160.41E, h37km, mb4.3/2, Error ellipse: s-maj=14.0km s-min=4.6km az=102.9, ISC 11 11:37:18.7-0.7, 50.98N, 0.06-160.41E, h0.05, h35km, n103, 0124/122, mb4.2/22, MS3.9/6, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KDRTR Khodutka, KDRTR Khodutka, MTRV Mutnovka, MTRV Mutnovka, ASAK Asacha, ASAK Asacha, SPN Mys Shipunski, SPN Mys Shipunski, GRL Gorelyy, GRL Gorelyy, NLC Nalytchevo, NLC Nalytchevo, NLC Dalny, NLC Dalny, PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, PET comp=Z, 58nm, 0.5s, PET comp=N, 264nm, 0.6s, KRMR Karymshinskiy, KRMR Karymshinskiy, INSR Institute Sedlovina, INSR Institute Sedlovina, SDLR Sedlovina, AVH Avsha, AVH Avsha, KRER Koryakskii, KRER Koryakskii, KOK Koryaka, KOK Koryaka, KRX Arik, KRX Arik, PEAOB Petropavlovsk, PEAOB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, PETK Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR comp=Z, 169nm, 0.4s, SKR comp=N, 345nm, 0.5s

APC Apache, APC Apache, APC Apache, GNL Ganaly, GNL Ganaly, KIL Karymskiy, TUMD Tumrok D, TUMD Tumrok D, TUMR Tumrok, TUMR Tumrok, KMMR Kamenshtaya, KMMR Kamenshtaya, BZGR Bezymyanni-Gr, BZGR Bezymyanni-Gr, ESO Esso, ESO Esso, KBTR Krutoberegovo, KBTR Krutoberegovo, KBTR Krutoberegovo, KBG Krutoberegovo, KBG Krutoberegovo, SMKR Semkarok, SMKR Semkarok, J19K Poorman, J19K Poorman, J20K Novitna River, J20K Novitna River, NEA2 Nenana, SML Sawmill, ILAR Eielson Array

H1N2 WAKE ISLAND Hy 31.61 168 T T 12 18 00.3, H1N3 WAKE ISLAND Hy 31.62 168 T T 12 18 04.6, H1N1 WAKE ISLAND Hy 31.62 168 T T 12 18 05.2, K27K Chicken, K27K Chicken, L27K Beaver Creek

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include L27K Beaver Creek, BCAR Beaver Creek, EGAK Eagle, EGAK Eagle, CTGM Chitina Glacie, I28M Miner Creek, DAWY Dawson, H29M Whitestone, H29M Whitestone, G29M Borovoye Array, G31M Batah River, F31M Tsigeitchek, F31M Tsigeitchek, EUNU Eureka, EUNU Eureka, KURK Kurchatov, KURB Kurchatov Arr, MKAR Makanchi Array, EDM Edmont, EDM Edmont, EDM Edmont, PAHR Pah Rang, PAHR Pah Rang, FCC Fort Churchill, FCC Fort Churchill, ARCES ARCES Array B, NVAR Minn Array Bea, PDAR Pinedale Array, PDAR Pinedale Array, FRB Froisher Bay, RDMU Red Mountain, RSDS Black Hills, RSDS Black Hills, HFS Hagfors, AKASE Malin Array Bea, TX31 Lajitas Ar. Si, TXAR Lajitas Array, WRA Warramunga Arr, VRAC Vranovsk, GERES GERES Array B, ASAR Alice Springs, ASAR Alice Springs, DAVOX Davos/Dischmat

ISN 11 11:48:41.4-0.4, 34.94N, 45.93E, h18km, 156km, ML2.6, TEH 11 11:48:41.4, 34.94N, 45.86E, h17km, ML2.9, ISC 11 11:48:42.1-1.1, 34.94N, 0.06-45.85E, h10km, n9, 0539/12, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KGSJ Ghasr-e-Shirin, IDHR Dehrah, GLGJ Gilan-e-Gharb, KCHF Cheshme Sefid, IKRK Kirkuk, IKRK Kirkuk, ILBA Ilam Banvizeh, SNQR Sanjar, IBDR Badra, RAFI Al-Rafai, RAFI Al-Rafai, IDC 11 11:53:53.0-2.0, 7.153S, 120.53E, h0km, mb4.1/12, mbmp4.1/14, ML3.9/2, MS3.1/12, Error ellipse: s-maj=36.1km s-min=12.7km az=70.0, NEIC 11 11:53:54.0-1.0, 1.64S, 0.06-120.17E, 0.06, h10km, 1km, mb4.1/18, Error ellipse: s-maj=10.0km s-min=9.6km az=71.0, DJA 11 11:53:55.0-2.2, S, 2.2, 12.0E, h10km, M4.8/16, mb5.1/8, mb5.3/7, ML4.8/16, mb5.0/4, 777, ISC 11 11:53:54.1-0.5, 1.64S, 0.06-120.21E, 0.05, h10km, n71, 01920/66, mb4.3/19, MS3.1/11, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include APSI Ampapa, APSI Ampapa, MPSI Mapaga, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, BNSI Bone, TOL2 Tolitoli, TOL2 Tolitoli, SMKI Samarinda, BKB Balikpapan, BKB Balikpapan, KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang, DAV Davo City, SWI Sorong, FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, MTN Manton Dam, MTN Manton Dam, KAPU Kapura, XNMA Christmas Island, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FUORN, DAVA, ELIA, NORRAR, SPITS, TORO, QSPA, SNA, NVAR, PDAR, PLCA, TXAR, LPAZ.

IDC 11 12:27:08.0±0.6, 14°92N:45.09W, h0km, mb4.3/18, mbmp4.3/19, ML4.2/1, MS4.0/68, Error ellipse: s-maj=18.8km s-min=14.8km az=129.0 NEIC 11 12:27:10.7±0.8, 14°9N:01°45'11W:0.1, h10km, 1km, mb4.7/67, Error ellipse: s-maj=21.4km s-min=17.1km az=140.0 GCMT 11 12:27:11.7±0.2, 14°96N:01°02'44.94W:0.01, h10km, MW4.9/117, Moment Tensor Solution: s37.40, M1.7c165, Duration: 0 Moment tensor: Scale 1016Nm; Mn=2.96±0.6; Mw=0.71±0.6; Mb=2.25±0.5; Mo=0.22±.29; Mw=0.66±0.05; Mr=0.31±.22; Best double couple: M=2.75200x1016 NP1±0.2±0.00000; 849.00000; λ=88.00000; NP2±0.199.00000; 841.00000; λ=92.00000; Principal axes: T 2.5160, Plg4.0000; Azm110.0000; N 0.4690, Plg2.0000; Azm200.0000; P -2.9880, Plg6.0000; Azm313.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDP, MDP, HO5S1, BOAV, BOAV, SJG, CELP, PRPB, ITTB, RCBR, BAUV, MACA, SMTB, NPGV, SDDR, SDDR, BBTS, SAML, SAML, SAML, ROSE, BDFB, BDFB, BDFB, BDFB, ETMB, ETMB, PTLB, PTLB, PTLB, BBSO, CZSB, CZSB, HDQ3, HDQ3, H10N2, H10N1, H10S3, H10S2, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, JTS, ATAH, TKL, DBIC, DBIC, MDT, MDT, NNA, SADO, SADO, TEIG, CPUP, CPUP, CPUP, SCHO, SCHO, ESDC, ESDC, ESDC, LVC, LVC, TORO, TORO, TORO.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TORO, TORO, PLTB, CMIG, FRB, BRDY, BRDY, 833A, 833A, WMOK, SFJZ, BORG, KEST, APMT, APMT, OZNA, OZNA, ULM, ULM, SAND, SAND, DAVOX, TXAR, TXAR, TX31, ALPN, ALPN, FETA, MOTA, CTI, SQT, VHRN, VHRN, BIAO, BIAO, CIMO, ABTA, LESA, Q24Q, Q24Q, KBA, KBA, PRED, MYKA, ANMO, KHC, OBKA, CLL, CLL, S2ZA, ARSA, LAO, CONA, RONA, PLCA, PLCA, H09N1, H09N1, JMIC, JMIC, NOA, NOA, RDMU, RDMU, PD31, PDAR, LPIG, SRU, HFS, HFS, MOOV, TPW, TPW, HMT, HMT, U15A, BGU, CCUT, CCUT, SPR3, SPR3, HLID, V12A, V12A, ELK, ELK, MFID, MFR, MFR, NEWP, NEWP, NEWP, YKA, YKA, DSP, DSP.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DSP, NVAR, FINES, AKASG, MXC, ARCES, ARCES, SPITS, TSUM, YBH, BRTR, OBN, BBB, EIL, DLBC, RPN, INK, INK, INK, MBAR, H29M, H29M, KBZ, SUR, LBTB, KIRV, LODK, BELG, GNI, BOS, BOS, PMSA, IL31, ILAR, ILAR, FURI, FURI, CCB, CCB, KDKA, AKTO, ABKAR, SNA, SNA, SNA, SNA, WSAR, ZALV, PPT2, PPT2, CMAR, DZM.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DJA, DJA, NEIC, NEIC, ISC, ISC, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BATI, SOEI, SOEI, KAP, KAP, KAP, LUWI, LUWI, WPAO, WPAO, WRA, WRA, WRA, WRB, WRB, WRB, WRB, ASAR, ASAR, COEN, COEN, MORW, MORW, FORT, FORT, STKA, STKA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songtao Arr, MK31 Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MJB9 Matsun-Tunnel, BBOO Buckleboo, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 11 13:27:29.0, ZAKROS Zakros, ANOYIA Anoyia, etc.

SOME 11 12:45:10.4, 38.77N-71.18E, h5km
NMC 11 12:45:13.4, 5.2, 37.88N-70.94E, h291km, 65km, mb2.5

UPP 11 13:05:38.6, 0.1, 64.75N-21.09E, h0km, ML2.9, Unknown
HEL 11 13:05:38.8, 0.2, 64.74N-20.97E, h0km, ML1.6, Explosion

IMMV Iera Moni Meta, ARG Archangelos, ARG Archangelos, ANKY Antikythira Is, ELL Elmal, MSBI Mazada, CSS Mathiasis, LIT Litokhoron, KEK Kerkira, FNA Florida, MMAI Mount Meron Ar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IUG luzhnay, AML Almayush, MRKS Mierke, UCH Uchmor, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BURU Burvik, BURU Burvik, BURU Burvik, ODEF Stanfors, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HMDT Hammad, QRNJ Al-Qirein, DSI Dead Sea, BALJ Balqa, etc.

IDC 11 13:01:56.9, 2.5, 2.73N-128.52E, h212km, 25km, mb3.6/11, mbmp4.1/11, Error ellipse: s-maj=33.8km s-min=9.3km az=82.0

OBFO Smealat, OBFO Smealat, OBFO Smealat, OBFO Smealat, OBFO Smealat

RAFF Raffo Rosso, CUC Castruccio, KEST Kesra, KEST Kesra, KEST Kesra

NEIC 11 13:01:57.7, 1.4, 2.79N, 0.07x128.45E, 0.09, h221km, 8km, mb4.2/27, Error ellipse: s-maj=15.1km s-min=6.9km az=120.0

OBFO Smealat, OBFO Smealat, OBFO Smealat, OBFO Smealat, OBFO Smealat

STAL STALIGIAL, CMO Cimofais, CTI Castel Tesino, CTI Castel Tesino, CTI Castel Tesino

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, SWI Sorong, KMSI Cibinong, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BURU Burvik, BURU Burvik, BURU Burvik, ODEF Stanfors, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, KIEV Kiev, AKASO Malin Array Ba, AKASO Malin Array Ba, etc.

MED_RC 11 13:27:24.0, 0.8, 33.81N-25.72E, h19km, 3km, MW4.2/10, Moment Tensor Solution, Mantle waves: s10, c12

FINES FINESSE Array F, FINES FINESSE Array F, FINES FINESSE Array F, FINES FINESSE Array F

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TORO Torodi Arr. Bea, MBAR Mbarara, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, FAKI Fak Fak, MSAI Masohi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana.

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRIC Gorgona, MALC Bahia Malaga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like POPC Popayan, ORTC Ortega, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songo Array, KSRS Korea Arr, etc.

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

NNC 11 14:43:59.1±4.4, 37.45N:70.63E, h231km±51km, mb2.7, mpv3.8, Error ellipse: s-maj=39.8km s-min=27.5km az=17.0

IDC 11 14:44:05.8±1.4, 38.43N:70.54E, h0km, mb3.5/4, mbmp3.5/8, ML2.7/4, Error ellipse: s-maj=27.3km s-min=20.0km az=139.0

SOME 11 14:44:13.3, 39.18N:70.97E, h0km, ISC 11 14:44:06.1±1.1, 38.82N:070.71E, 0.05, h10km, n23, c281/30, mb3.6/4, 8C-1D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IUG Iuzhny, IUG Iuzhny, AML Almayush, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRKS Merke, MRKS Merke, KK31 Karatay Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRLS Tokmak 2, BRLS Tokmak 2, BRLS Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBK Karagaybulak, KBK Karagaybulak, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USP Oспенovka, USP Oспенovka, TKM2 Tokmak 2, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Arr, MKAR Makanchi Arr, kurBS Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AB31 Akbulak Arr, AB31 Akbulak Arr, BVAR Borovoye Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBZ Khabab, KBZ Khabab, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TORD Torodi Arr. Bea, WRA Warramunga Arr, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like F15K North Star Dit, G15K Nulukuk, BOD Bodaibo, etc.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like H19K Bonanza Creek, M19K Big River Lodg, F20K Avarant Lake, etc.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like C23K Itkiliik River, MCK McKinley, RND Reindeer, etc.

11d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PINE Pine Mountain, J05D Fort Rock, AAK Ala-Archa, etc.

2018 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DSP Deep Springs, TPWA Teton Pass, SIMJ Simigan, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like LPSR Galich ya Gora, ISCO Mesa Verde, MVCO Mesa Verde, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIRS, ASUD, JMDO, ALNE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FNA Florina, TIR Tirane, LIT Litokhoron, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IDC 11 15:20:45.5, IDC 11 15:20:42.7, etc.

GCMT 11 16:10:44.6,0.4,52.29N,0.03,-161.71E,0.05,h26km,1km, MW4,8/4, Moment Tensor Solution. s29,c38; s84,c117; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr1,97z,12; Mss-0.89z,08; Mss-1.08z,08; Mss0.98z,16; Mss-0.84z,05; Mss0.66z,12; Best double couple: Mo2.23400x10^16 NP1:az=49.00000°,delta1.00000°,lambda97.00000°. NP2: ea=216.00000°,s30.00000°,lambda78.00000°. Principal axes: T 2.3220,Plg73.0000°,AzM335.0000°,N -0.1720,Plg6.0000°,AzM226.0000°; P -2.1460,Plg16.0000°,AzM134.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

BGR 11 16:10:51.1,53.42N,160.49E,h33km,mb4.8 ISC 11 16:10:41.8,0.4,52.38N,0.04,-160.79E,0.04,h30km,2km, h30km;p-P,n671,c1s41/627,mb4.9/233,MS4.4/90, 38C-28D,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various seismic parameters. Includes stations like SPN, NLC, DALK, PET, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various seismic parameters. Includes stations like NKLL, NKLL, NKLL, UGL, UGL, UGL, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various seismic parameters. Includes stations like J16K, J16K, L16K, L16K, M16K, M16K, etc.

11d 16h

Table of flight data for 11d 16h, including columns for flight number, destination, departure time, status, and arrival time. Includes flights like SONM Songjio Array, TIA Tai'an, M31M Drury Creek, etc.

2018 OCT

Table of flight data for 2018 OCT, including columns for flight number, destination, departure time, status, and arrival time. Includes flights like WMQ comp=Z,690nm,14.3s, GYA Guiyang, SEM Sempalatinsk, etc.

698

Table of flight data for 698, including columns for flight number, destination, departure time, status, and arrival time. Includes flights like MDOK Medeo, AAA Alma-Ata, APA Apatity, etc.

699 2018 OCT 11d 16h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BRLS, GWY, OHH, CHTO, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SRIT, NAKONS, IIGN, STKI, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NIE, UPCC, UPCC, etc.

az=103.0
ISC 11 17:01:48.4+0.8,67.09N,0.02+20.93E,0.02,h0km,n39,
s=1505/58,Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like DUNU, MASU, MASU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like JAGI, JAGI, QIS, PMG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like HNR, WTA, ASAR, etc.

SGS 11 18:02:10.2,24.89N,37.49E,h11km,M3.9
ISC 11 18:02:08.7+0.9,24.85N,37.42E,0.03,h10km,n91,
s=155/93,Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like LNV05, LNV05, LNV13, etc.

ISC 11 17:21:34.7+3.7,6.03S:130.49E,h126km,34km,mb3.6/11,
mbmp4.1/15,Error ellipse: s-maj=23.5km s-min=13.1km
az=58.0

NEIC 11 17:21:38.0+1.4,6.13S:0.07+130.39E,0.09,h147km,6km,
mb4.5/28,Error ellipse: s-maj=13.7km s-min=9.0km
az=113.0

DJA 11 17:21:38.3+0.2,6.3S:133.0E,h171km,5km,M4.4/17,
mb4.3/14,mb5.0/8,ML4.7/17,MW(mb)4.3/8
ISC 11 17:21:37.7+0.4,6.13S:0.05+130.43E,0.05,h150km,n110,
s=1544/117,mb4.3/19,Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like BNDI, BNDI, SAUI, etc.

ISC 11 17:43:59.3+1.5,9.92S:150.76E,h0km,mb3.8/2,
mbmp3.8/3,ML0.9/1,Error ellipse: s-maj=122.1km
s-min=59.2km az=125.0,New Britain region

ISC 11 18:16:42.3+4.3,19.3S:0.5+65.0E,0.07,h10km,n26,
s=192/7,mb3.87,MS3.6/20,Error ellipse: s-maj=122.3km
s-min=28.6km az=59.0

ISC 11 18:16:42.3+4.3,19.3S:0.5+65.0E,0.07,h10km,n26,
s=192/7,mb3.87,MS3.6/20,Error ellipse: s-maj=122.3km
s-min=28.6km az=59.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like J17K, L18K, OHAQ, etc.

ISC 11 18:16:42.3+4.3,19.3S:0.5+65.0E,0.07,h10km,n26,
s=192/7,mb3.87,MS3.6/20,Error ellipse: s-maj=122.3km
s-min=28.6km az=59.0

ISC 11 18:16:42.3+4.3,19.3S:0.5+65.0E,0.07,h10km,n26,
s=192/7,mb3.87,MS3.6/20,Error ellipse: s-maj=122.3km
s-min=28.6km az=59.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like H04N2, H04N1, H04N3, etc.

12d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, GNI Gani, FINES FINES Array B, etc.

AZER 11 23:36:11.9, 40°9'N:46°85'E, h10km, m12.8
DRS 11 23:36:13.8, 41°04'N:46°89'E, h18km
MOS 11 23:36:13.1, 41°02'N:46°83'E, h9km, MPVA3.6
TIF 11 23:36:13.2, 40°99'N:47°00'E, h39km
ISC 11 23:36:14.4, 1.0, 41.000, 0.02, 46.89E, 0.02, h15km, 8km, n64, c122/127, Eastern Caucasus

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including MNGR, SEKA, VSHL, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRLG Ordubad, GUDG Gudauri, WRD Yurdmiri, etc.

DJA 11 23:40:08.1, 0.5, 7.5, 6.10°E, h114km, 5km, M3.7/8, mb3.6/1, MLV3.8/3, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKJI Sukabumi, CNUJ Cibinong, LEM Lembang, etc.

ISC 11 23:54:11.6, 5.0, 6.82S:154°57'E, h85km, 41km, mb3.6/7, mbmp4.0/9, MS4.1/3, Error ellipse: s-maj=31.3km s-min=24.5km az=42.0

ISC 11 23:54:08.2, 0.9, 6.85, 0.2, 154.7E, 0.1, h50km, n13, c206/12, mb3.9/7, MS4.2/3, Bougainville-Solomon Islands region

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

NEIC 11 23:59:09.2, 2.2, 7.1S:0.1, 154°33'E, h10km, 2km, mb2/12, Error ellipse: s-maj=19.4km s-min=4.7km az=29.0

ISC 11 23:59:10.4, 4.3, 6°60'S:154°49'E, h69km, 37km, mb3.7/14, mbmp4.0/16, ML2.8/2, MS3.8/7, Error ellipse: s-maj=23.6km s-min=19.7km az=78.0

ISC 11 23:59:07.5, 0.6, 6.56S:0.10, 154.62E:0.09, h48km, n36, c1548/31, mb4.1/18, MS4.0/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JUNI Nakatsue, PETK Petropavlovsk, CMAR Chiang Mai Arr, etc.

DJA 11 20:08:7.0, 8.0, S:4.12°E, h10km, M3.7/6, mb4.1/1, MLV3.5/6, Minihassa Peninsula, Sulawesi

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

NEIC 12 00:14:25.7, 42°61'N:141°84'E, h10km, IDC 12 00:14:26.5, 2.3, 42°59'N:141°89'E, h20km, 14km, mb4.1/28, mbmp4.2/31, ML3.1/3, MS3.8/24, Error ellipse: s-maj=12.5km s-min=11.0km az=100.0

SKHL 12 00:14:27.5, 0.3, 42°30'N:142°00'E, h51km, 5km, mb5.2/12, mbv5.2/3, ms4.3/7, msh5.3/1

NEIC 12 00:14:27.1, 1.6, 42°62'N:141°81'E, h10km, 3km, mb4.7/29, MW4.5/17, Error ellipse: s-maj=6.2km s-min=4.7km az=73.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=0.99; Mw=0.14; M0=0.46; M1=0.043; M2=0.340; Fault plane solution: Mo=0.03000x10^15 NP1=0.183340000, delta490000, 7.97.800000. NP2=0.346820000, delta510000, 7.75.390000. Principal axes: T: 6.1337, P: 71.70000, Azm:111.00000; N: -0.2116, P: 7.00000, Azm:360.00000; S: -5.9222, P: Azm:230.00000

BUI 12 00:14:27.5, 42°48'N:142°00'E, h54km, mb4.6/44, mb4.9/17, Ms4.3/30, Ms7.4/131

NIED 12 00:14:27.9, 42°59'N:141°95'E, h23km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mr=1.1; Mw=2.74; M0=6.85; M1=4.03; M2=0.84; M3=1.12; Fault plane solution: Mo=7.330000x10^15 NP1=0.322000000, delta400000, 4.46.000000. NP2=0.208000000, delta500000, 4.145.000000

JMA 12 00:14:27.9, 0.1, 42°6N:0.5, 142°0E:0.5, h23km, 1km, MD4.6/20, MW4.6/20, ISHIKARI DEPRESSION

JMA IHI V J1 at ISHIKARI DEPRESSION MOS 12 00:14:28.1, 1.1, 42°55'N:141°37'E, h46km, mb4.9/43, Error ellipse: s-maj=6.1km s-min=5.1km az=98.2

ISC 12 00:14:27.0, 4.2, 60N:0.03, 141.94E:0.02, h23km, 2km, h22km: pp-P, n770, c1522/687, mb4.7/224, MS3.9/33, 12C-18B, Hokkaido region

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

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JSR Shiriuchi, ASAJ Asahikawa, JOMM Oshimamatsumae, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KUR Kuril'sk, JSD Sado, UGL Ulgjegorsk, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ZEA, PEAOB Petropavlovsk, MA2 Magadan, etc.

12d Oh

Table with columns: Station ID, Name, Comp, Z, Az, El, S, SNR, Az, El, S, SNR, Az, El, S, SNR, Az, El, S, SNR. Includes stations like GUMO, TXI, LZH, ATKA, H1121, H11N1, H11N3, GTA, H11S1, H11S3, H11S2, GYA, M11K, QIZ, PZH, GOMU, ANM, F15K, M14K, S12K, K15K, DAV, RDOG, NR1K, NR1K, M15K, E17K, J16K, ZAAO, ZAAO, ZALV, ZALV, ZALV, F17K, F17K, N15K, N15K, O15K, WMQ, WMQ, WMQ, L16K, L16K, M16K, M16K, J17K, J17K, F18K, N16K, L17K, K17K, K17K, K17K, G18K, G18K, G18K, H18K, H18K, O16K, C19K, C19K, M17K.

2018 OCT

Table with columns: Station ID, Name, Comp, Z, Az, El, S, SNR, Az, El, S, SNR, Az, El, S, SNR, Az, El, S, SNR. Includes stations like M17K, M17K, F19K, F19K, F19K, N17K, N17K, D19K, D19K, G19K, G19K, J18K, J18K, L18K, L18K, L18K, E19K, E19K, E19K, H19K, H19K, H19K, TTA, B20K, B20K, M18K, N18K, D20K, J19K, J19K, J19K, E20K, SWW2, F20K, O18K, O18K, O18K, P18K, H20K, L19K, I20K, Q18K, Q18K, M19K, N19K, C21K, J20K, J20K, K20K, K20K, B21K, B21K, B21K, L20K, MK31, MKAR, MKAR, E21K, E21K, G21K, G21K, G21K, R18K, F21K, F21K, MAK2, MAK2, MAK2, MAK2, M20K, M20K, Q19K, Q19K, H21K, H21K, B22K, B22K, ILSW, D22K, D22K, CHUM, F22K, PPLA, CAST, CAST, CAST, OHAK, E22K, E22K, N20K, SPCR, G22K, SPU, H22K, SYI, SYI.

Table with columns: Station ID, Name, Comp, Z, Az, El, S, SNR, Az, El, S, SNR, Az, El, S, SNR, Az, El, S, SNR. Includes stations like KDAK, KDAK, KDAK, KDAK, SKT, SKT, BPAW, BPAW, MLY, MLY, KTH, D23K, D23K, KURK, KURK, KURK, HOM, C23K, C23K, C23K, KURBB, KURBB, KURBB, KURBB, KURBB, COLD, G23K, G23K, G23K, CNPM, CNPM, SUA, SUA, TRF, CHTO, CHTO, CHTO, E23K, E23K, E23K, TOLK, TOLK, H23K, CMAR, CMAR, I23K, I23K, D24K, D24K, D24K, C24K, E24K, E24K, MCK, RND, RND, RND, F24K, F24K, SEW, GHO, GHO, WAT1, H24K, H24K, H24K, WRH, WRH, G24K, G24K, G24K, CCB, KNK, KNK, KNK, SML, SML, POKR, PWL, PWL, PWL, WAT6, D25K, D25K, D25K, D25K, M23K, ILAR, ILAR, HDA, HDA.

708

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like HDA, MANU, G25K, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like H29M, H29N, DAWY, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like SIMJ, WTLV, DLBC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like WVOR Wild Horse, GNI GARNI, FFC Flin Flon, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like KNB, KSP Ksiaz, LANS Lipitovska, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like BO02 Sierra Bellavi, PLCA Paso Flores, IDC 12.00:16:56.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECAB, AVE, ZHG, MTE, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIP, CEL, VAY, SRS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NAO, MOS, THE, MED_RC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VIL2, VLY, VLY, etc.

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

Table with columns for station ID, name, coordinates, and various data points. Includes stations like PSA00 Pilbara Seismi, CORO OUZ, MOO Moorlands, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like NJ2, INCN RAR, ASAJ, WHN, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KMI, XAN, TIY, KIP, CMAR, etc.

12d 2h

2018 OCT

Table with columns for station name (e.g., HEH, BTO, LZH), coordinates, and forecast data (max, min, wind, etc.).

Table with columns for station name (e.g., SBA, S12K, RKT), coordinates, and forecast data (max, min, wind, etc.).

Table with columns for station name (e.g., K17K, O19K, J17K), coordinates, and forecast data (max, min, wind, etc.).

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like DZA Taraz, GAR Garm, S32K Killisnoo, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like G30M aOah Zraii Nji, T35M Bob Quinn, T35M Bob Quinn, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like E07A Sunnyside, E07A Sunnyside, I07A Izeze, etc.

12d 3h

Table of astronomical observations for 12d 3h, listing station names (e.g., PDG, MOX), coordinates, and observation parameters (e.g., PKPdf, 03 10 59.8 -1.8).

2018 OCT

Main table of astronomical observations for 2018 OCT, listing station names (e.g., POLO, MELP), coordinates, and observation parameters (e.g., ePKPdf, 03 11 35.5 +1.3).

720

Table of astronomical observations for 720, listing station names (e.g., DZM, DZM), coordinates, and observation parameters (e.g., Op, ISC, 03 08 54.6 +1.8).

Table listing astronomical observations with columns: Code, Station Name, Azimuth (A), Altitude (Z), Right Ascension (RA), Declination (DEC), Time (T), and Residual (Res). Includes entries like PATCX Punta Patache, TA01 Diego Aracena, etc.

Table listing astronomical observations with columns: Code, Station Name, Azimuth (A), Altitude (Z), Right Ascension (RA), Declination (DEC), Time (T), and Residual (Res). Includes entries like TPNV Topopah Spring, TORD Torodi Ar, Bea, etc.

Table listing astronomical observations with columns: Code, Station Name, Azimuth (A), Altitude (Z), Right Ascension (RA), Declination (DEC), Time (T), and Residual (Res). Includes entries like JYT Yasato, JKUC kanoagawachin, etc.

Table of astronomical observations for 12d 4h. Columns include station name (e.g., JIE, JEG, JKG), frequency (e.g., 3.54 249 A), time (e.g., 04 16 41.5), and other parameters (e.g., A, P, S, M, L, R).

Table of astronomical observations for 2018 OCT. Columns include station name (e.g., CN2, SNY, SHENYANG), frequency (e.g., 14.68 300), time (e.g., 04 19 13.2 +0.8), and other parameters (e.g., P, S, M, L, R).

Table of astronomical observations for 2018 OCT. Columns include station name (e.g., PET, WHN, WUHAN), frequency (e.g., 21.44 31), time (e.g., 04 20 34.1 +1.9), and other parameters (e.g., P, S, M, L, R).

12d 4h

Table with columns for ID, Name, Comp, Z, D, S, R, P, and other details. Includes entries like O18K Koktuh Hills, J19K Poorman, Q18K Katmai Hardscr, etc.

2018 OCT

Table with columns for ID, Name, Comp, Z, D, S, R, P, and other details. Includes entries like H22K Ishtaltna Cre, G22K Bettles, MTN Mantona Dam, etc.

724

Table with columns for ID, Name, Comp, Z, D, S, R, P, and other details. Includes entries like WAT6 Susitna Watana, PSI Prapat, G24K Hadweencz Riv, etc.

725

Table with columns: IZ7K, Kandik River, 53.07 31 P, P, 04 25 02.4 +1.7, etc. Includes entries like TGL Tana Glacier, WAX Waxell Ridge, L27K Beaver Creek, etc.

2018 OCT

Table with columns: SVE Sverdlövsk, 55.77 319d/P, P, 04 25 20.9 +0.7, etc. Includes entries like SVE, SVE, SVE, G31M Satah River, etc.

12d 4h

Table with columns: PSA00 Pilbara Seismi, 60.30 202 P, P, 04 25 51.3 -1.0, etc. Includes entries like PSA00, T35M, T35M, KIRV, etc.

12d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BBOO, MORW, HTT, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, HOQ, JMD, etc.

726

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN, JRN, PABE, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like R11B Troy Canyon, ABTO Aybut, Q12A Willow Creek, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like BSEB Bad Segeberg, BSEB Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like MVCO Mesa Verde, IBBN Ibbenduren, MORH Mirgy, Hungary, etc.

Table with columns: ANMO, comp, pmax, pmax, RCHB, STAL, BMRD, WLF, UBR, HCY, CMC, SPMN, GIVF, STON, Y22D, DOU, BFO, BFO, BFO, BFO, FETA, DAVA, TAOE, CTI, 121A, 121A, FUORN, ECH, DAVOX, SCHO, TEOL, RTBA, CBKS, G40A, KEK, MATE, MATE, TBI, TBI, MSTX, LOR, LPL, LPG, TIP, KAN14, SMWD, KAN09, KAN13, P38A, POST, T35A, LPGA, CEL, OK04, SN07, WMOK, L44A, SN05, SGCY, TXAR, TXAR, S39A, HPIG, RLO, VAE, P43A, P43A, HHAR, CCM, CCM, CCM, MGMO, TRQ, T42A, DRIO, O48B, O48B, S44A, SIUC, PBMO, WHAR, LCAR, X40A, 435B, P49A, FURI, WLAR, 833A, 833A

Table with columns: baz=315, 474A, KEST, TKL, ESDC, ESDC, RKT, RKT, RKT, TORD, TORD, GSPA, BOA, SDV, DBIC, BAUV, BAUV, TROLL, TROLL, CZSB, SNA, SNA, SNA, SNA, VNA2, VNA2, VNA3, VNA3, VNA1, VNA1, ETMB, ETMB, SAM, SAM, H03N2, H03N3, H03N1, PB18, LPBZ, RCBA, RCBA, AC01, AC01, AC06, LCO, LCO, AY03, AC05, COYO, MT09, BI02, BI02, PLCA, PLCA, BDFB, AODB, CPUP

12C 12 04:36:02.7±6.3, 18.70N±145.59E, h173km, 58km, mb3.7/14, mbmp4.2/15, Error ellipse: s-maj=25.3km s-min=19.4km az=60.0

NEIC 12 04:36:09.7±1.3, 18.93N±105.145E±0.2, h216km, 9km, mb4.5/9.0, Error ellipse: s-maj=28.6km s-min=5.9km az=79.0

ISC 12 04:36:05.0±0.7, 18.7N±145.5E±0.1, h200km, n47, o095/44, mb0.4/25, Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, JJC, JJC, JJC, JGF, JGF, MJAR, MAJO, MAJO, MJB, MJB, JMM, JMM, JSD, JSD, JTM, JTM, KRSR, USRK, TARA, TARA, PEAOB, WR0, WR0, WR0, SONM, HON, HON, M14K, M14K, CHGN, CHGN, N15K, ZALV, MKAR, O18K, O18K, C19K, KURBB, CAST, CAST

Table with columns: comp=Z.2.9nm,0.7s, SUA, SUA, NRIK, H21K, BPAW, BPAW, MLY, D22K, D22K, ILAR, GRNC, GRNC, BVAR, A36M, A36M, LTY, SPITS, J05D, PINC, PINC, ARCESS, ARCESS, NVAR, DLMT, DLMT, FINESS, FINESS, PV14, PV14, BOAV, ETMB

NOU 12 04:44:19.0±21.64S;169.62E, h0km, MLV3.8/10, Southeast of Loyalty Islands

ISC 12 04:44:20.8±0.8, 21.68S±0.10;169.8E±0.1, h36km, n26, o060/25, mb4.0/10, 4C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MARNC, MARNC, LIFOU, LIFOU, YATNC, YATNC, OUENC, OUENC, DZM, DZM, ONTNC, ONTNC, NOUC, NOUC, DVP, DVP, VLAKA, VLAKA, MSVF, ASAR, WRA, FITZ, GSPA, CMAR, TROLL, SNA, SNA, SNA, VNA3, VNA2, SONM, ILAR, PINC, PINC, EKA, GERES

ISC 12 04:48:07.4±2.1, 5.82S;151.07E, h0km, mb3.7/6, mbmp3.7/7, ML1.5/1, Error ellipse: s-maj=79.0km s-min=20.5km az=121.0

ISC 12 04:48:13.2±1.9, 5.95S±0.3;151.1E±0.4, h43km, n8, o1905/9, mb3.6/6, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, PMG, PMG, WRA, ASAR, FITZ, MJAR, MKAR, ILAR, TORD

VAO 12 04:56:42.7±1.6, 7.14N;74.13W, h171km, 7km, mb4.7, ISC 12 04:56:50.4±0.5, 6.81N;72.96W, h159km, 4km, mb3.9/20, mbmp4.4/26, MS3.3/1, Error ellipse: s-maj=9.2km s-min=6.4km az=118.0

NEIC 12 04:56:51.1±2.1, 6.75N±0.08;73.03W±0.08, h162km, 9km, mb4.5/20, Error ellipse: s-maj=12.4km s-min=10.6km az=130.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, BARC, PAMC

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like PAMC, RUSC, TAMC, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like BRDY, HHR, CMC, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like E09A, C09A, G06A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like F28M Old Crow, I27K Kandik River, L26K Log Cabin Wild, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like M18K Stony River, J19K Poorman, B21K Ikipuk River, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like F19K Shaleruckik Mo, I21K Tanana, E19K Redstone River, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NE77 Loreto B.C.S., UAGRB Rancho Ultima, SPIA Saint Paul Isl, etc.

NEIC 12 05:38:23.6 ± 1.1, 18.99N, 0.08 ± 8.7W, 0.03, h28km, 12km, ML2 0/28, MD2.8/12(RSPR), Error ellipse: s-maj=11.6km s-min=3.9km, az=177.0

RSRP 12 05:38:24.6 ± 1.9, 04.0N, 66.90W, h32km, 6km, MD2.8/12 SDD 12 05:38:26.7 ± 1.4, 18.85N, 86.89W, h19km, 26km, MD2.9, ML1.8, MWV2.4

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AGPR Aguadilla, PR, AGPR Aguadilla, PR, AGPR Aguadilla, PR, etc.

Table with columns for station name, frequency, and various status indicators. Includes stations like STAL, VARN, DOSS, FUSE, CGRP, MPRI, MAGA, BIOA, GEPP, MBAL, PTCC, BALD, MARN, GUT, ACOM.

Table with columns for station name, frequency, and various status indicators. Includes stations like ACOM, BAD VINO, MYKA, ZONE, PRED, TREG, ZUR, SLE, SLE, MOA, WET, WET, VOJS, SULZ, GEC2, GEC2, BFO, BFO, BFO, FELD, OBKA, KHC, CRNS, GRF, KIZ, ENDD, CKRC, ROTZ, ROTZ, ROTZ, BABA, SOKA, NEEW, MANZ, MANZ, MANZ, SATI, ILLF, BOURR, BOURR, WALZ, ARSA, ZVC, MOF, HOHE, LEMB, ECH, DIX, SMRN, TORNY, GORR, CIEL, CIRO, CONA, CHMF, TANN, RONF, PLN, PLN, REMY, VOEL, BRANT, MOX, MOX, XAFF, OGSJ, RONA.

Table with columns for station name, frequency, and various status indicators. Includes stations like RONA, TREC, PRU, BOUC, TNS, RABC, RSP, GIMEL, ABH, ABH, UBBA, UBBA, RSL, RSL, NVLJ, NVLJ, RIVEL, KRUC, KRUC, NEUB, MANO, BRG, BRG, BRG, BRG, BRG, BRG, VIRC, VIRC, VRAC, VRAC, PIAF, MODS, MODS, MODS, COLL, COLL, COLL, COLL, OQ35, UDBI, DUGI, DUGI, OGSAM, SAOF, CREF, JAUF, TURF, KASTN, OQ40, ORIF, KRLC, MORSI, MORSI, MORI, ZIRJ, ZIRJ, MORC, MORC, RCHS, TRIGF, TRIGF, BLAF, PGF, LOR, MLYF, MLYF, SSB, VYHS, VYHS, VYHS, DOU, RUSF, RUSF, ARTF, COLF, COLF, RICJ, RICJ, AGO, LBL, LSTV, LSTV, VERF, FRNF, FRNF, IDC 12 05:45:48.3,3.5,53S, m3b3.4/2, Code Station Name, PMG, PMG, WRA, ASAR, KAPI, TORD, NOU 12 05:46:45.0, 18'01S, IDC 12 05:46:45.7, 0.9, NEIC 12 05:46:45.6, 1.4, 18'1S, ISC 12 05:46:43.9, n170, Code Station Name, FUTU, FUTU, MSVF, MSVF, MSVF, AFI, AFU, NIUE, NIUE, NIUE, VLAKA, LIFNC, PINNC.

Table of astronomical observations with columns: ZZZ, Name, RA, Dec, P, Q, RA, Dec, P, Q, RA, Dec, P, Q. Includes stations like DZM, NOUNC, KOUNC, PPT, etc.

Table of astronomical observations with columns: YERR, Name, RA, Dec, P, Q, RA, Dec, P, Q, RA, Dec, P, Q. Includes stations like Yerrington, NVAR, PAHR, etc.

Table of astronomical observations with columns: DGS, Name, RA, Dec, P, Q, RA, Dec, P, Q, RA, Dec, P, Q. Includes stations like Degeres, DGS, KST, etc.

NEIC 12 06:24.35:5.0, 3.36; 72N, 01:97.96W; 0.02, h7km, 5km, mb, Lg2.3/15, ML2.6/46, ML2.7, Error ellipse: s-maj=2.5km s-min=1.0km az=110.0

NEIC 12 06:24.35:3.0, 3.36; 71N, 01:97.96W; 0.02, h5km, 5km, Error ellipse: s-maj=2.5km s-min=1.5km az=116.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Grant County, Manchester OK, etc.

12d 7h

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Serrai, Kokkinochori, Nevrokopi, Kavala, Musomishta, Ouranopolis, Thassos island, etc.

CNRM 12 06:58:11.9, 32°40'N, 5°47'W, h1km, ML3.0
IMMG 12 06:58:15.5, 1.3, 32°43'N, 5°39'W, h18km, ML2.5, Error ellipse: s-maj=6.5km s-min=3.8km az=120.0

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Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like Goulmima, Timmit, ZHG, AVE, OUMZ, SRHM, etc.

WRO Warramunga Arr 32.91 267 P P 07 17 56.4 -1.2
ASAR Alice Springs 33.07 260 P P 07 17 59.1 +0.2

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Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like FITZ, GUMO, DAV, QSPA, etc.

IDC 12 07:20:37.1±2.1, 7.58S, 130°0E, h0km, mb4.1/1, mbtmp4.1/4, ML4.1/3, MS3.9/2, Error ellipse: s-maj=78.9km s-min=27.5km az=79.0, Tanibar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like ZAAO, ZAAO, KURK, etc.

IDC 12 07:33:29.7±7.5, 6°60'S, 146°20'E, h194km, mb2.6/2, mbtmp3.1/4, Error ellipse: s-maj=122.4km s-min=32.9km az=135.0

Table with columns for call sign, name, frequency, mode, status, and other details. Includes entries like ORCD Orcadas, BI02 San Fabin de, ML02 Panimavida, etc.

Table with columns for call sign, name, frequency, mode, status, and other details. Includes entries like OTAV Otavalo, SAML Samuel, SAMU Samuel, etc.

Table with columns for call sign, name, frequency, mode, status, and other details. Includes entries like HOPS Hoiland Field, O02D Mt. Diablo Mer, ELK Elko, etc.

Table of station data for the 12d 10h period, including station names, coordinates, and various parameters like IAMS_20, IAMS_21, etc.

Table of station data for the 2018 OCT period, including station names, coordinates, and various parameters like IAMS_20, IAMS_21, etc.

Table of station data for the 738 period, including station names, coordinates, and various parameters like IAMS_20, IAMS_21, etc.

IDC 12 10:12:31.6-4.3, 6.82N-72.97W, h166km, 60km, mbmtp3.2, Error ellipse: s-maj=559.8km s-min=7.6km az=132.0

RSNC 12 10:34.2-0.0, 7°N, 1°37'W, h141km, 2km, M3.4, mB5.1, ML3.0, Mw(MB)4.5

ISC 12 10:131.3±1.0, 0.68E, 0.03:73:12W:0.03, h156km, 6km, n39, i=157/75, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BARC, BRUC, BRUC, etc.

IDC 12 09:50:35.1±3.6, 54.99S×128.50W, h0km, mb3.8/4, mbmtp3.8/4, MS4.4/1, Error ellipse: s-maj=113.1km s-min=37.1km az=47.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like USHA, GSPA, SNA, etc.

IDC 12 10:07:46.6-4.3, 3.86S-101.19E, h0km, mb3.7/5, mbmtp3.7/5, MS4.2/5, Error ellipse: s-maj=189.4km s-min=21.4km az=54.0

NEIC 12 10:07:49.7-1.6, 3.93S-101.2E, h1, h35km, 2km, mb4.2/9, Error ellipse: s-maj=38.3km s-min=10.8km az=26.0

ISC 12 10:07:48.3-0.9, 4.15S-102.12E, h29km, n34, i=156/18, mb4.2/10, MS4.2/5, Southern Sumatara

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like OPT, P19K, P19K, etc.

NEIC 12 10:12:51.8±1.3, 59.50N-0.02-152.70W:0.04, h85km, 4km, Error ellipse: s-maj=4.6km s-min=0.5km az=135.0

AEIC 12 10:12:52.8±1.2, 59.49N-0.03-152.71W:0.06, h77km, 4km, ML2.8, ML3.1/150(NEIC), Error ellipse: s-maj=4.5km s-min=4.0km az=99.0, Southern Alaska

Table with columns for station ID, name, coordinates, and other data. Includes stations like Q19K, Q19L, Q19M, etc.

Table with columns for station ID, name, coordinates, and other data. Includes stations like WAT7, WAT1, WAT2, etc.

Table with columns for station ID, name, coordinates, and other data. Includes stations like WHY, F26K, J30M, etc.

AEIC 12 10:13:51.7±2.3, 55:97N.0:08:149W.0:1, h11km, 7km, Error ellipse: s-maj=1.1, 9km s-min=-7.3km az=157.0, NEIC 12 10:13:45.9±2.2, 55:94N.0:06:149W.0:08, h8km, 7km, ML3.6/50, ML3.5(AEIC), Error ellipse: s-maj=9.7km s-min=5.7km az=198.0, Gulf of Alaska

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other data. Includes stations like OHAK, OHAK, KODAK, etc.

12d 12h

Table with columns: ID, Name, Az, El, Pn, Res, Time, Res. Includes stations like K13K, M31M, FARO, J30M, G21K.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like LVZ, VRF, RAJF, OLKF, KLFK, KU6, KMN, KEV, RNF, HEF, KTK1.

IDC 12 10:48:10.6:1.1, 7.87S, 117.32E, h0km, mb3.8/6, mbmp3.8/8, ML3.5/2, Error ellipse: s-maj=26.0km s-min=18.9km az=64.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PLAI, SRBI, WBSI, ABJI, JAGI, BSSI, KAPI, KAPI, BNSI, FITZ, FITZ, ASAR, SONM, MKAR, KURBB, ZALV.

IDC 12 10:49:55.4:5.2, 26.77S, 67.50E, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=130.5km s-min=34.8km az=54.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like H0S1, H0S2, H0S3, H0A2, H0A1, H0W2, H0W3, H0W1, ASAR, WRA, MKAR, ZALV, SONM.

IDC 12 11:08:43.4:2.3, 4.16S, 130.58E, h0km, mb3.5/1, mbmp3.6/3, ML3.4/2, Error ellipse: s-maj=107.5km s-min=31.4km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, BATI, SOEI.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SOEI, MMRI, WBSI, FITZ, WRA, ASAR, MKAR.

IDC 12 11:21:04.1:1.9, 0.19S, 125.31E, h0km, mb3.3/3, mbmp3.4/3, Error ellipse: s-maj=197.5km s-min=26.7km az=64.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR.

NEIC 12 11:34:57.4:1.0, 18.0S, 0.1x175.09W, h264km, 12km, mb4.5/2.4, Error ellipse: s-maj=15.4km s-min=11.1km az=201.0

IDC 12 11:35:00.6:2.3, 18.29S, 175.45W, h272km, 26km, mb3.6/8, mbmp4.2/1.0, Error ellipse: s-maj=24.2km s-min=20.6km az=127.0

IDC 12 11:34:56.9:0.6, 18.08S, 0.08, 175.15W, h250km, n44, r154/44, mb4.3/20, Tonga Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like FUTU, NIUE, AF, MSFV, RAO, PINN, DZM, DZM, ONTC, URZ, EIDS, ARMA, CAN, CTAO, COEN, STKA, BBOO, WRO, WB2, WRAB, WRA, AS31, ASAR, ASAR, FORT, KNRA, FITZ, SOEI, PSA00, MBWA, JMWI, GSPA, UGM, NVAR, H0S32, H0S31, H0S33, CMAR, MKAR.

IDC 12 11:35:07.5:2.4, 23.37N, 44.89W, h0km, mb3.6/4, mbmp3.6/4, MS3.5/1, Error ellipse: s-maj=118.9km s-min=29.4km az=18.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like H10N2, H10N3, H10N1, H10S3, H10S2, TORD.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TXAR, TXAR, PDAR, ILAR.

IDC 12 11:35:27.2:1.9, 11.47S, 118.92E, h0km, mb3.6/4, mbmp3.6/6, ML3.6/2, Error ellipse: s-maj=79.7km s-min=32.0km az=58.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WBSI, PLAI, BSSI, MMRI, BATI, SOEI, SRBI, BSSB, BKSI, KAPI, KAPI, WRA, WRA, ASAR, SONM, MKAR, KURBB, ZALV.

NEIC 12 12:02:28.7:1.7, 18.1S, 0.1x178.17W, h59km, mb4.8/291, Error ellipse: s-maj=15.6km s-min=13.9km az=156.0

NOU 12 12:02:28.6, 18.21S, 178.12W, h59km, mb4.8/39, Fiji Islands Region

IDC 12 12:02:29.7:0.9, 18.16S, 178.17W, h605km, 9km, mb4.0/16, mbmp4.9/18, Error ellipse: s-maj=14.8km s-min=10.6km az=149.0

IDC 12 12:02:28.1:0.3, 18.14S, 0.07x178.08W, h59km, n658, r06/65/601, mb4.5/157, 29C-14D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MSFV, MSFV, MSFV, FUTU, FUTU, FUTU, NIUE, NIUE, FUNA, FUNA, DVP, VLAKA, LIFU, PINN, DZM, ONTC, KOUNC, KOUNC, KOUNC, RAR, RAR, TARA, CTAO, CAN, QLP, TOO, COEN, TAOE, STKA, HTT, AUMBR, BBOO, WRAB, WRA, AS01, MULG, ASAR, ASAR, GUMO, MTN, MTN, WRA, KNRA, FAKI, SOEI, SOEI, TNTI, TNTI, SANI, PSA00, MBWA, MEEK.

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Table with columns for station code (e.g., KLBR, SBA), name (e.g., Kellerberrin, Scott Base), frequency (e.g., 59.01244), polarization (P, I, A, M, B), and signal strength (e.g., 12 11 31.9 -0.6).

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Table with columns for station code (e.g., N19K, L16K), name (e.g., Bonanza Creek, Ohawat River), frequency (e.g., 80.94), polarization (P, I, A, M, B), and signal strength (e.g., 12 13 41.8 +0.2).

12d 12h

Table with columns for station code (e.g., MESA, K20K), name (e.g., MESA, Telida), frequency (e.g., 83.35), polarization (P, I, A, M, B), and signal strength (e.g., 12 13 54.2 +0.3).

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PAVC Panska Ves, ISR Istrita, KECS Kecoovo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, FAKI Fak Fak, KOUNC Kounak, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like L29M comp=Z,4.2nm,0.7s, I28M comp=Z,4.1nm,0.8s, etc.

IDC 12 12:06:44.6,0.7,5.71S, 151.27E, h0km, mb4.2/11, mbmp4.2/11, MS3.7/23, Error ellipse: s-maj=34.4km

NEIC 12 12:06:50.2,0.5,5.91S, 0.07:151.19E:0.07, h35km, 2km, mb4.8/6.1, Error ellipse: s-maj=13.9km s-min=10.0km

ISC 12 12:06:50.2,0.5,5.83S, 0.07:151.15E:0.07, h43km, n104, s=163/83, mb4.7/42, MS3.7/22, New Britain region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like 40PG Keravat, 40PG Port Moresby, 40PG Rabaul, etc.

IDC 12 12:23:14.1,1.1,3.0:17N:123.29E, h0km, mb3.6/4, mbmp3.8/5, ML4.5/1, Error ellipse: s-maj=109.5km

DJA 12 12:23:29.4,0.6,0'S,5:12'3E, h151km, 7km, M3.9/6, mb4.0/1, mb4.4/1, MLv3.8/6, Mw(MB)3.6/1

ISC 12 12:23:30.4,0.9,0.20S:0.09:123.20E:0.07, h162km, n11, s=193/13, mb3.4/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, LUWI Cibinong, APSI Ampana, etc.

IDC 12 12:23:14.1,1.1,3.0:17N:123.29E, h0km, mb3.6/4, mbmp3.8/5, ML4.5/1, Error ellipse: s-maj=109.5km

DJA 12 12:23:29.4,0.6,0'S,5:12'3E, h151km, 7km, M3.9/6, mb4.0/1, mb4.4/1, MLv3.8/6, Mw(MB)3.6/1

ISC 12 12:23:30.4,0.9,0.20S:0.09:123.20E:0.07, h162km, n11, s=193/13, mb3.4/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, LUWI Cibinong, APSI Ampana, etc.

Table with columns: YAK, YAKUTSK, 20.48 324 P, P, 13 01 49.4 -1.0. Includes stations like YAKUTSK, BILIBINO, KOREA ARRAY, etc.

Table with columns: INK, INUVIK, 39.83 33 P, P, 13 04 46.4 +1.0. Includes stations like INUVIK, SACHS HARBOUR, ZALEVOVO BEAM, etc.

Table with columns: RDMU, LCMT, SRU, RSSD, AGMN, NB2, NOA, HFS, WRA, AKT, KIV, AKASG, TXAR, GERES, MMAI, ELIB. Includes stations like LITTLE CREEK MOUNTAIN, SAN RAFAEL SWE, etc.

IDC 12 13:01:26.2; 2.0, 6.17S; 151.97E, h0km, mb3.8/3, mbmtpp3.9/4, ML2.3/1, MS3.2/2, Error ellipse: s-maj=117.5km s-min=26.3km az=129.0, New Britain region

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

IDC 12 13:06:47.6; 1.5, 5.82S; 151.12E, h0km, mb4.0/4, mbmp4.0/5, ML1.7/1, Error ellipse: s-maj=78.7km s-min=24.2km az=123.0

ISC 12 13:06:53.9; 1.4, 5.85S; 0.4, 151.00E, h43km, n6, n0961/7, mb3.9/4, New Britain region

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

IDC 12 13:35:32.6; 5.0, 9.60S; 153.92E, h0km, mb3.4/3, mbmtpp3.5/3, Error ellipse: s-maj=134.3km s-min=41.9km az=115.0, D'Entrecasteaux Islands region

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

DRS 12 13:37:22.3; 40.92N; 43.45E, h7km, TIF 12 13:37:24.3; 41.11N; 43.75E, h9km, 1km, ISK 12 13:37:26.1; 41.15N; 43.54E, h1km, ML2.7/8, AFAD 12 13:37:26.0; 0.0, 41.09N; 43.61E, h7km, n6, n0961/7, ISC 12 13:37:24.3; 1.1, 41.17N; 0.03; 43.76E; 0.02, h2km, n11km, n37, n075/62, Turkey-Georgia-Armenia border region

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

Table of station data including codes (ALIG, GHRG, SENK, etc.), station names, coordinates, and other parameters.

12d 13h: 12 13:42:01.3, 1.2, 14:68Sx169:99E, h614km, 14km, mb3.5/9, bmbp4.3/11, Error ellipse: s-maj=21.2km s-min=11.1km

12d 13h: 12 13:42:01.9, 1.4:68S:170:15E, h621km, mb4.4/4.5, Vanuatu Islands Region

12d 13h: 12 13:42:02.9, 1.0, 14:6S:0:1, h638km, 10km, mb4.5/36, Error ellipse: s-maj=20.2km s-min=17.4km

12d 13h: 12 13:42:01.5, 0.5, 14:75S:0:08, h614km, n98, a=121/104, mb4.5/25, Vanuatu Islands Region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, P, h, s, Res, ISC. Lists various seismic stations like LAKATORO, DVLPA, LIFANC, etc.

Main table of seismic events with columns: ASOI, Alice Springs, AS31, Alice Springs, AS31, etc., and parameters like time, location, and magnitude.

12d 13h: 13 42:50.4, 0.5, 14:79N:156:32E, h0km, mb4.1/23, bmbp4.2/29, ML4.5/4, MS3.8/22, Error ellipse: s-maj=17.5km s-min=13.1km az=116.0

12d 13h: 13 42:50.9, 0.9, 14:39N:155:67E, h10km, mb4.9/8, ML4.6/1, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

12d 13h: 13 42:51.2, 0.0, 14:49:01N:157:45E, h38km, 39km, ML4.7, NEIC 12 13:58:37.0, 1.8, 49:22N:0:1, 156:2E:0:2, h10km, 2km, mb4.8/36, Error ellipse: s-maj=20.7km s-min=12.8km

12d 13h: 13 42:58.3, 4.0, 5.8, 48:90N:156:60E, h59km, 4km, mb5.0/12, ms4.4/9

12d 13h: 13 42:58.4, 0.1, 3, 49:12N:156:41E, h58km, mb5.0/25, Error ellipse: s-maj=7.9km s-min=3.7km az=83.7

12d 13h: 13 42:58.4, 2.1, 49:00N:156:13E, h33km, mb4.8, Ms4.2

12d 13h: 13 42:58.7, 0.6, 48:37N:0:06, 156:45E:0:06, h34km, n265, a=1543/277, mb4.7/80, MS3.8/15, 12C-6D, East of Kuril

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, P, h, s, Res, ISC. Lists stations like ARCES, FINES, ESDC, TOR, SKHL, etc.

Table with columns: PET, Petropavlovsk, etc., and parameters like time, location, and magnitude.

DJA 12 14:31:40.9:0.3,0'S:4.12'E6E, h10km, M4.0/9, mb4.1/3, MLV3.9/9

ISC 12 14:31:43.2:0.8,0.05S:0.07x126.22E:0.05, h44km, n17, r122/19, mb3.9/9, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TERNATE, SANI, KMSI, LUWI, MASOH, etc.

SDD 12 14:41:34.9:2.19,18N:66.75W, h15km, 391km, MD3.4, ML2.5, MWV3.1

RSRP 12 14:41:38.4, 19.00N:66.78W, h46km, 8km, MD2.5/13

NEIC 12 14:41:38.9:1.3, 18.91N:0.07:66.79W:0.01, h18km, 17km, ML2.5/30, Md2.5/13(RSPR), Error ellipse: s-maj=10.6km

ISC 12 14:41:36.0:1.4, 19.05N:0.07:66.79W:0.04, h29km, n63, r6578/63, 14C-SD, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMPR, AGPR, UPRP, etc.

Table for HUMP stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUMP, SADR, MIDR, etc.

ISC 12 14:44:27.2:1.7, 0.77S:124.65E, h0km, mb3.4/3, mbtmp3.6/4, ML3.7/1, MS2.9/1, Error ellipse: s-maj=51.3km

DJA 12 14:45:06.1:1.6, 8'S:6.117'E, h13km, 15km, MK3.7/7, MLV3.7/7, Bali Sea

Table for Bali Sea region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLAI, SRBI, WBSI, etc.

ISC 12 14:52:46.3, 16.58S:167.43E, h0km, mb3.9/10, Vanuatu Islands, Vanuatu Islands

Table for Vanuatu Islands region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLAKA, DVP, KOUNG, etc.

ISC 12 15:02:38.1:3.4, 26.10N:96.14E, h150km, 94km, mb3.3/8, mbtmp3.7/9, Error ellipse: s-maj=51.6km s-min=15.0km

ISC 12 15:02:38.0:0.9, 26.11N:0.296'E:0.3, h150km, n9, r084/9, mb3.7/8, Myanmar

Main table for Myanmar region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, MKAR, ZALV, etc.

Table for CNBA stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHGN, CHIR, PLK4, etc.

DNK 12 15:23:02.9:0.8, 81.97N:4.26W, h36km, 10km, ML 1.2, BER 12 15:23:02.1:2.8, 81.98N:4.66W, h10km, mb(PN)2.8

ML1.2(DNK), Confirmed Earthquake, North of Svalbard

Table for Svalbard region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOR, KBS, KRSB, etc.

ISC 12 15:24:26.0:1.7, 0.52S:138.43E, h0km, mb3.9/8, mbtmp3.9/8, ML4.8/1, MS3.1/7, Error ellipse: s-maj=59.1km

NEIC 12 15:24:21.8:1.8, 0.45S:0.2:138.46E:0.09, h15km, 7km, mb4.5/12, Error ellipse: s-maj=22.8km s-min=10.8km

ISC 12 15:24:25.6:0.9, 0.62S:0.10:138.30E:0.10, h35km, n30, r191/24, mb4.0/11, MS2.9/15, Irian Jaya region

Main table for Irian Jaya region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI, MTN, COEN, etc.

12d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, BNSI Bone, UGM Wanagama, MBWA Marble Bar, etc.

2019 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JIAMI Iburiatsuma, JIAMI Biratori 2, JIAMI Eniwo, etc.

750

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I02A comp=N,27nm,2.4s, I04A comp=N,18nm,1.1s, BUCK Buck Mountain, etc.

HEL 12 16:29:12.3:0.2,67.69N:33.83E,h0km,ML1.3, Explosion,Baltic States-Belarus-Northwestern Russia

DC 12 16:31:29.2:0.7,34.445x116.93E,h0km,mb4.2/1.1, mbmp4.2/1.1,MS3.3/1.0,Error ellipse: s-maj=28.4km

ISC 12 16:31:29.0:0.7,34.385:0.03:116.83E:0.02,h5km,4km, n106,e178/110,mb4.4/2.1,MS3.4/8,4C-5D,Western Australia

ISC 12 15:43:41.7:8.784S:129.19E,h184km,65km,mb3.4/1, mbmp3.7/4,Error ellipse: s-maj=62.5km s-min=56.5km az=24.0, Banda Sea

ISC 12 15:57:51.5:9.3,5.60S:-150.56E,h48km,67km,mb3.1/2, mbmp3.4/3,ML0.9/1,Error ellipse: s-maj=120.5km s-min=83.0km az=119.0,New Britain region

ISC 12 16:00:42.2:0.2,42.63N:141.96E,h28km,MW3.8,Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

JMA 12 16:00:42.2:0.2,42.63N:141.96E,h28km,1km, Mw3.7/2.0,ISHIKARI DEPRESSION

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Rows include DAVOX Davos/Dischmat, JNU Nakatsue, MBAR Mbarara, etc.

NEIC 12 17:16:13.7z 1.2, 6.1, 44N, 0.02z, 149.46W, 0.04, h32km, 8km, Error ellipse: s-maj=3.3km s-min=2.4km az=157.0

AEIC 12 17:16:14.7z 1.2, 6.1, 43N, 0.02z, 149.44W, 0.05, h37km, 5km, ML3.0, ML3.2/216(NEIC), Error ellipse: s-maj=3.4km s-min=2.9km az=134.0, Southern Alaska

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Rows include PALMER Palmer, RC01 Rabbit Creek A, GHO Glory Hole Cre, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Rows include M19K comp=E, 87nm, 0.4s, PAX WACK, Q23K Middleton Isla, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Rows include YAH Yahtse, YAH comp=E, 35nm, 0.6s, YAH comp=N, 32nm, 0.5s, etc.

BGR 12 17:16:23.8z 0.54, 38N, 165.17W, h33km, mb5.0, Ms4.2 ANF 12 17:16:38.0z 0.4, 54, 67N, 165.11W, h153km, 3km, ML4.4/12, Error ellipse: s-maj=4.7km s-min=4.0km az=54.0

NEIC 12 17:16:38.2z 0.54, 70N, 0.07z, 165.37W, 0.08, h163km, 2km, mb4.7/145, ML4.4(AEIC), Error ellipse: s-maj=11.5km s-min=5.8km az=156.0

IDC 12 17:16:39.1z 0.6, 54, 85N, 165.51W, h164km, 4km, mb4.0/31, mbmp4.5/33, Error ellipse: s-maj=11.4km s-min=7.9km az=8.0

AEIC 12 17:16:39.4z 0.3, 54, 64N, 0.07z, 165.33W, 0.08, h137nm, 4km, Error ellipse: s-maj=11.2km s-min=5.8km az=154.0

ISC 12 17:16:38.3z 0.4, 54, 71N, 0.04z, 165.27W, 0.03, h163km, 2km, h162km; P-P, n791, c1928/806, mb4.6/135, 5C-15D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Rows include WEBT Westdahl Bear, WECS Westdahl Cape, etc.

Table with columns: GRNC, L26K, L26K, H24K, H24K, J25K, J25K, G23K, G23K, TABL, C16K, C16K, CTG, CTGM, SCRK, SCRK, D19K, D19K, E20K, F22K, LOGN, M27K, M27K, COLD, COLD, PCA, PNP, PRP, PRP, D20K, J26L, J26L, O28M, L27K, C19K, E21K, E21K, BCPM, G24K, YUK3, B18K, PNL, PNL, E22K, H25L, YUK8, K27K, G25K, I26K, F24K, F24K, E23K, C21K, FYU, O29M, D22K, YUK4, E24K, YUK6, P29M, P29M, A19K, EGAK, B21K, TOLK, B20K, B20K, D23K, M29M, F25K, I27K, HYT, HYT, G26K, DAWY, P30M, L93M, L93M, N30M, N30M, H27K, PLBC, S31K, S31K, F26K, I28M, B22K, B22K, C23K, G27K, O30N, M30M, J29N, K29M, C24K, SKAG, SKAG, N31M, N31M, SIT

Table with columns: I29M, WHY, WHY, R32K, S32K, JIS, MAYO, MAYO, H29M, H29M, E27K, E27K, J30M, J30M, F28M, M31M, P32M, P32M, I30M, C26K, G29M, C27K, EPYK, FARO, FARO, P33M, U33K, D27M, E28M, E28M, CRAIG, G32M, G30M, E29M, H31M, H31M, BILL, F30M, D28M, S34M, R33M, M3P, M3P, G31M, V35K, DIB, H02S1, F31M, F31M, DLBC, DLBC, DLBC, T35M, INK, INK, INK, INK, WTLY, WTLY, TG4B, TG4B, GRNB, PET, PEAOB, PETK, TOAD, KOTAN, WRGLY, WRGLY, C36M, C36M, MA2, A36M, OZB, LLLA, YKA, YKA, YKAB2, LON, B08A, B08A, H04A, H04A, E07A, DBO, DBO, C09A, D08A, D08A, HAWA, HAWA, G06A, KSBX, KSBX, EDM, KRMB, KRMB, NEW, NEW, J05D, G06A, I07A

Table with columns: F10A, BMO, TIXI, J08A, J08A, PLID, WVOR, WVOR, MSO, OVMT, RES, RES, BPMT, YAK, MFID, HLID, EUNU, BOZ, NVAR, NVAR, NVAR, NVAR, YHL, YHL, YHB, YHB, ELK, YHH, YHH, FLWY, FLWY, MOOV, RLMT, RLMT, HVU, BGU, R11B, R11B, HWUT, HWUT, DUG, FCC, FCC, TPNV, PDAR, PDAR, PDAR, GWY, BSUT, P18A, P18A, RSSD, O20A, O20A, E28A, H1N2, H1N1, H1N1, N23A, ULM, ULM, H11S1, H11S2, H11S3, NEEM, NEEM, AGMN, KULLO, KULLO, Q24A, NOR, NOR, SDCO, K30B, UPNV, UPNV, KSCO, T25A, ECSD, ECSD, EYMN, EYMN, ANMO, NUUG, NUUG, E38A, E38A, NRIK, NRIK, SPMN, 121A, L34A, I37A, I37A, KBS, G40A, DAG, DAG, SPITS, SPITS, KRSR, KRSR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Norwalk, Summit, Samwood, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Mi28, AK21, AK23, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ESDC, FNA, MATE, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like DJA, DNP, SRI, etc.

PLV 12 18:04:43.2, 2.2, 221°18N, 101°50E, h10km, 999km, ML3.2 BKK 12 18:04:52.5, 3.0, 22°N, 26°E, h10, 10E, 1.6, h10km, M3,5,7, Mjma 3.2/7, ML3.5/6, ML3.5/7

ISC 12 18:04:57.2, 2.2, 21°18'N, 03'03"E, h35km, n8, ± 120.9, Myanmar-China border region

NEIC 12 18:23:09.5, 2.2, 201°AS, 0°1', 177°6W, 0°1', h483km, 7km, mb4, 4/36, Error ellipse: s-maj=16.1km s-min=15.0km az=141.0

IDC 12 18:23:11.2, 2.1, 20°26'S, 177°82W, h509km, 20km, mb3.5/9, mbmp4, 3/11, Error ellipse: s-maj=21.3km s-min=18.6km az=138.0

ISC 12 18:23:10.4, 0.4, 20°24'S, 0°09', 177°6W, 0°07', h500km, n75, ± 132.7, mb4, 3/28, 5D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SPV, SLVN, PAYA, etc.

12d 18h

Table of station data for the 12d 18h period, including columns for station name, coordinates, and various parameters like SNR and error ellipse.

2018 OCT

Main table of station data for 2018 OCT, listing station names, coordinates, and detailed observation parameters.

756

Table of station data for the 756 period, including station names and associated parameters.

Table with columns: SIMJ, Iamb, Iamb, 19 36 20.8, BVAR, GARM, SPA2, MK31, MKR1, ZAAO, ZAAO, ZALV, JCY

IDC 12 19:30:06.1... NEIC 12 19:30:06.8... ISC 12 19:30:10.2...

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

NEIC 12 19:30:32.9... IDC 12 19:30:35.1... ISC 12 19:30:37.9...

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

Table with columns: PPT, LCO, BRDY, SDV, SN07, BI05, BLVC, FWO3, PFO, WFSO, WTSO, GMY, SHPR, SHPR, WCT, WCT, WCT, GMIN, SIV, MZV, PPH, LHV, LHV, NVAR, NVAR, RYN, RYN, KVN, PNTR, PNTR, S44A, S44A, ELK, ELK, ELK, ELK, CPUP, CPUP, WVOR, WVOR, N41A, YBH, J03, RAR, PDAR, PDAR, RYAN, RYAN, KVN, PNTR, PNTR, S44A, S44A, ELK, ELK, ELK, ELK, CPUP, CPUP, WVOR, WVOR, N41A, YBH, J03, RAR, PDAR, PDAR

Table with columns: 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

Table with columns: KOTO, DJO, VCHU, CERR, POMOR, POMOR, ELT, BJR3, BJR1, BJR1, ZAAO, ZAAO, ZAAO, ZAAO, KURK, KURK, KURK, KURB, KURB, KURB, MK31, MK31, MK31, MAKZ, MAKZ, MAKZ, SJA, SJA, SJA, AACL, AACL, AACL, AACL, RTLL, RTLL, RTLL, ACCO, ACCO, ACCO, DOCA, DOCA, DOCA, DOCA, ZON, ZON, ZON, AROD, AROD, AROD, AANI, AANI, VCA, VCA, VCA, VCA, RTLS, RTLS, CYA, CYA, CYA, MRA, MRA, MRA, COO3, COO3, COO3, GOO4, GOO4, GOO4, COO2, COO2, COO2, GOO3, AHML, AHML, AHML, FSA, FSA, FSA, GOO2, AZAP, AZAP, NEIC 12 19:49:02.1, IDC 12 19:49:02.1, SKHL 12 19:49:06.2, RMC 12 19:49:07.3, ISC 12 19:49:09.6, 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

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

Table with 4 columns: Station Name, Code, Time, Res. Includes stations like KRMR, KRAMR, KRMRF, etc.

Table with 4 columns: Station Name, Code, Time, Res. Includes stations like H19K, B21K, D22K, etc.

Table with 4 columns: Station Name, Code, Time, Res. Includes stations like baz=12, OHH, ARSB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include KK31, KKAR, KKAR, KTBS, KTBS, KTBS, KUW, KUW, KUW, CHKK, CHKK, CHKK, SATY, SATY, SATY, KPKS, KPKS, KPKS, BTLS, BTLS, BTLS, PDGK, PDGK, PDGK, NEIC 12:20:11:50.8z:2.5, 44:97N:0:05:106:91W:0:05, h0km, 1km, M2.9/42, Error ellipse: s-maj=9.4km s-min=6.3km az=350.0, IDC 12:20:11:54.4z:1.4, 44:90N:106:72W, h0km, mbtp3.1/2, M2.7/2, Error ellipse: s-maj=56.5km s-min=9.6km az=137.0, ISC 12:20:11:50.1z:0.1, 45:05N:0:05:106:75W:0:04, h0km, n27, r142/26, Montana

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include IDC 12:20:39:03.5z:3.4, 8:25S:117:06E, h0km, mb3.1/3, mbtp3.3/3, Error ellipse: s-maj=267.0km s-min=28.6km az=50.0, DJA 12:20:39:05.8z:0.4, 8:54S:117:17E, h10km, M3.4/7, MLv3.4/7, ISC 12:20:38:08.6z:1.1, 8:12S:0:08:117:24E:0:06, h35km, n9, r089/10, Sumbawa region, Code Station Name Az Az2 Phase ID Time Res h m s ISC, PLAI Plampang 0.88 143 P Sn 20 39 23.7 +0.3, SRBI Sangaraja 2.00 271 P Sn 20 39 36.7 +0.5, WBSI Waikabubak, Su 2.61 126 P Pn 20 39 42.9 +0.8, JAGI Jagaj, Banyuwa 3.07 263 P Pn 20 39 53.5 -1.2, BSSI Bau Bau, Buton 3.78 59 P Pn 20 40 04.3 -0.1, BKSI Bulukumba 3.99 46 P Pn 20 40 06.5 -0.8, WRA Warramunga Arr 20.31 127 P P 20 43 41.3 -0.5, ASAR Alice Springs 22.23 136 P P 20 44 02.6 +0.2, MKAR Makanchi Array 62.89 334 P P 20 49 31.7 +0.5, IDC 12:21:09:46.2z:102.0, 9:86S:159:04E, h0km, mb3.5/3, mbtp3.5/3, Error ellipse: s-maj=1687.0km s-min=111.7km az=48.0, Bougainville-Solomon Islands region, Code Station Name Az Az2 Phase ID Time Res h m s ISC, WRA Warramunga Arr 25.85 244 P P 21 15 20.6 +0.8, STKA Stephens Creek 27.22 214 P P 21 15 31.8 -0.2, ASAR Alice Springs 27.64 237 P P 21 15 35.0 -0.9, CATAC 12:21:09:46.8z:0.4, 14:00N:91:42W, h20km, 3km, MB5.8, mb5.6, ML5.8, GCG 12:21:09:47.7z:0.6, 14:06N:91:47W, h49km, MD5.1, IDC 12:21:09:47.5z:0.4, 14:34N:90:94W, h66km, 2km, mb4.2/27, mbtp4.5/28, MS4.9/64, Error ellipse: s-maj=16.9km s-min=9.2km az=57.0, GGMT 12:21:09:48.3z:0.1, 13:97N:0:01:91:69W:0:01, h68km, MW5.7/159, Moment Tensor Solution, s159c327, s150c314, Duration: 198 Moment tensor: Scale 1017 Nm, Mw=4.44:05, Mw=3.18:04, Mw=1.25:04, Mw=1.11:04, Mw=2.21:03, Mw=0.48:04, Best double couple: M=4.69300x1017, NP1=121.00000, 852.00000, 1.870000, NP2=306.00000, 838.00000, 894.00000, Principal axes: T 4.6040, Plg82.0000, Azm14.0000, N 0.1880, Plg3.0000, Azm123.0000, P -4.7810, Plg7.0000, Azm213.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, MOS 12:21:09:48.9z:1.2, 21:42N:91:10W, h85km, mb5.3/28, MS4.9/4, Error ellipse: s-maj=9.1km s-min=5.3km az=110.0, UCR 12:21:09:49.8z:0.9, 14:20N:91:20W, h64km, MW5.4, MW5.7(NEIC), NEIC 12:21:09:49.3z:1.6, 14:20N:0:07:91:20W:0:06, h64km, 3km, mb5.3/33, Mw5.7/51, Error ellipse: s-maj=11.2km s-min=5.6km az=216.0, IGP 12:21:09:49.0z:14:19N:91:22W, h56km, Mw5.7, Fault plane solution: NP1=125.00000, 851.00000, 895.00000, NP2=296.00000, 839.00000, 874.00000, NEIC 12:21:09:49.8z:14:04N:91:46W, h60km, Moment Tensor Solution, Duration: 366 Moment tensor: Scale 1017Nm; Mw=3.76, Mw=1.39, Mw=0.66, Mw=2.18, Mw=1.56; Fault plane solution: Mw5.18000x1017 NP1: 122.22000, 849.73000, 132.05000, NP2: 299.12000, 840.25000, 187.58000, Principal axes: T 5.2290, Plg85.0000, Azm49.0000, N -0.0998, Plg2.0000, Azm301.0000; P -5.1292, Plg5.0000, Azm211.0000; NEIC 12:21:09:49.8z:14:24N:91:15W, h60km BGR 12:21:10:03.8z:14:31N:90:85W, h33km, mb4.8, Ms5.0, IDC 12:21:09:47.4z:0.3, 14:12N:0:03:91:32W:0:03, h65km, 2km, h65km, P-P, n1135, r144/1030, mb5.2/278, 13C-16D, Guatemala, Code Station Name Az Az2 Phase ID Time Res h m s ISC, ESSG Sabana Grande 0.54 61 P Sn 20 10 09.9 +0.7, RTAL Retalhuleu 0.54 317 Pn Pn 21 09 59.3 -1.0, RTAL Retalhuleu 0.54 317 P Pn 21 09 59.3 -1.0, FUG Fuego 3 0.56 55 P Pn 21 10 02.2 +1.6, SOKI Kika Raxquin 0.70 353 P Sn 21 10 02.8 +0.4, CHGT Tecpan 0.71 27 P Pn 21 10 03.8 +1.4, PGC Pacaya 0.75 69 P Pn 21 10 04.7 +2.0, GUMI Mixco 0.84 53 P Pn 21 10 05.9 +1.9, GCG4 OSOP 0.89 59 P Sn 21 10 06.5 +2.1, NBG Las Nubes 1.05 64 P Pn 21 10 09.8 +3.3, HUEH Huehuetenango 1.20 351 Pn Pn 21 10 10.2 +1.6, HUEH Huehuetenango 1.20 351 P Pn 21 10 10.1 +1.6, FAME Alcala de Sa 1.29 102 P Pn 21 10 11.0 +1.5, SLOZ Alcala de Sa 1.49 93 P Pn 21 10 13.5 +1.4, LOAL Lomas de Alarc 1.49 95 P Sn 21 10 13.7 +1.6, LOAL Lomas de Alarc 1.49 95 P Sn 21 10 13.8 +1.6, NUBE Las Nubes 1.51 98 P Pn 21 10 13.3 +0.9, NUBE Las Nubes 1.51 98 P Sn 21 10 13.3 +2.0, AVCB Coban 1.60 33 P Pn 21 10 17.1 +3.4, RTR El Retiro 1.64 98 P Pn 21 10 15.8 +1.6, SBLS San Blas 1.67 100 P Pn 21 10 15.9 +1.3, CEVE Cerro Verde 1.67 100 P Pn 21 10 16.5 +1.9, CEVE Cerro Verde 1.67 100 P Sn 21 10 16.1 +1.4, SANE San Jose 1.68 98 P Pn 21 10 16.2 +1.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include SUNE Universidad Ca 1.72 94 P Pn 21 10 16.3, UNIC Universidad Ca 1.72 94 P Pn 21 10 16.5 +1.2, UNIC Universidad Ca 1.72 94 P Pn 21 10 16.8 +1.6, UNIC Universidad Ca 1.72 94 P Pn 21 10 16.8 +1.6, UNIC Universidad Ca 1.72 94 P Pn 21 10 17.2, MRL Blarmit 1.84 59 P Pn 21 10 20.0 +3.0, JAYA Jayaque - finc 1.87 104 P Pn 21 10 18.5 +1.2, JAYA Jayaque - finc 1.87 104 P Pn 21 10 18.2 +0.9, JAYA Jayaque - finc 1.87 104 P Pn 21 10 18.2 +0.9, CEDA San Andres 1.89 99 P Pn 21 10 19.8 +2.3, CEDA San Andres 1.89 99 P Sn 21 10 43.0 +2.6, CEDA San Andres 1.89 99 P Sn 21 10 19.1 +1.6, CEDA San Andres 1.89 99 P Sn 21 10 43.7 +3.3, MTO3 Montecristo 1.92 81 Pn Pn 21 10 17.9 -0.1, MTO3 Montecristo 1.92 81 Pn Pn 21 10 36.6 -4.6, MTO3 Montecristo 1.92 81 Pn Pn 21 10 19.2 +1.3, MTO3 Montecristo 1.92 81 Pn Pn 21 10 19.3 +1.3, MTO3 Montecristo 1.92 81 Pn Pn 21 10 59.7 +4.7, ESQI Esquipulas 1.96 77 Pn Pn 21 10 19.2 +0.6, ESQI Esquipulas 1.96 77 Pn Pn 21 10 41.3 -0.9, ESQI Esquipulas 1.96 77 Pn Pn 21 10 20.2 +1.6, ESQI Esquipulas 1.96 77 Pn Pn 21 10 20.3 +1.8, ESQI Esquipulas 1.96 77 Pn Pn 21 10 56.5, PMON Piomonte 1.98 102 P Pn Sn 21 10 20.3 +1.5, PMON Piomonte 1.98 102 P Sn 21 10 46.1 +3.3, QUEZ Alcala de Qu 2.00 98 P Pn Pn 21 10 21.5 +2.5, QUEZ Alcala de Qu 2.00 98 P Sn 21 10 21.6 +2.5, QUEZ Alcala de Qu 2.00 98 P Sn 21 10 47.2 +4.1, QUEZ Alcala de Qu 2.00 98 P Sn 21 10 09.4, BOQS Boqueron 2.01 102 P Pn Pn 21 10 20.5 +1.2, ITCA Escuela Especi 2.03 102 P Pn Pn 21 10 20.8 +1.4, ITCA Escuela Especi 2.03 102 P Pn Pn 21 11 14.9, PIC2 El Picacho 2.03 100 P Pn Pn 21 10 21.7 +2.1, LALI Alcala de L 2.04 108 P Pn Pn 21 10 20.5 +1.1, LALI Alcala de L 2.04 108 P Sn 21 10 45.5 +1.6, LALI Alcala de L 2.04 108 P Sn 21 10 20.5 +1.1, LALI Alcala de L 2.04 108 P Sn 21 10 47.0 +3.1, LALI Alcala de L 2.04 108 P Sn 21 11 05.4, UEES Universidad Ev 2.06 101 P Pn Pn 21 10 21.4 +1.6, UEES Universidad Ev 2.06 101 P Pn Pn 21 10 52.6, SNET Serv Nac Est T 2.07 102 Pn Pn Pn 21 10 21.2 +1.3, SNET Serv Nac Est T 2.07 102 Pn Pn Pn 21 10 21.1 +1.1, SNET Serv Nac Est T 2.07 102 Pn Pn Pn 21 10 21.4 +1.4, SNET Serv Nac Est T 2.07 102 Pn Pn Pn 21 11 01.8, UTEC Universidad Te 2.09 101 P Pn Pn 21 10 22.8 +2.5, UTEC Universidad Te 2.09 101 P Pn Pn 21 11 05.4, IGN Direccin Gen 2.12 101 P Pn Pn 21 10 22.2 +1.5, IGN Direccin Gen 2.12 101 P Pn Pn 21 10 57.2, LOMA Loma Larga 2.13 103 P Pn Pn 21 10 22.3 +1.4, PANCS Alcala de 2.13 103 P Pn Pn 21 10 22.2 +1.4, PANCS Alcala de 2.13 103 P Pn Pn 21 10 22.3 +1.4, PANCS Alcala de 2.13 103 P Pn Pn 21 10 54.8, UDBS Universidad Do 2.14 101 P Pn Pn 21 10 22.4 +1.6, UDBS Universidad Do 2.14 101 P Pn Pn 21 10 55.1, LFU La Fuente 2.17 100 P Pn Pn 21 10 22.6 +1.3, AEIL Aeropuerto Ito 2.18 101 P Pn Pn 21 10 23.9 +2.5, LFRS El Faro 2.24 102 P Pn Pn 21 10 24.2 +1.9, CCGI Comitn 2.29 340 Pn Pn Pn 21 10 24.8 +1.8, CCGI Comitn 2.29 340 P Pn Pn 21 10 24.3 +1.2, CCGI Comitn 2.29 340 P Pn Pn 21 11 14.8, LLGN La Laguna 2.30 89 P Pn Pn 21 10 24.1 +1.0, LLGN La Laguna 2.30 89 P Pn Pn 21 10 24.3 +1.2, LLGN La Laguna 2.30 89 P Pn Pn 21 11 04.0, PAVA Las Pavas 2.34 100 P Pn Pn 21 10 25.1 +1.3, PAVA Las Pavas 2.34 100 P Pn Pn 21 10 25.3 +1.6, PAVA Las Pavas 2.34 100 P Pn Pn 21 11 12.2, SNVI Universidad de 2.46 102 P Pn Pn 21 10 27.3 +2.0, UESV Universidad de 2.50 101 P Pn Pn 21 10 27.5 +1.7, UESV Universidad de 2.50 101 P Pn Pn 21 11 16.3, TECO Alcala de Te 2.53 103 P Pn Pn 21 10 27.7 +1.5, TECO Alcala de Te 2.53 103 P Pn Pn 21 11 10.5, SCLA Alcala de Sa 2.55 99 P Pn Pn 21 10 28.0 +1.6, SCLA Alcala de Sa 2.55 99 P Pn Pn 21 10 28.1 +1.7, SCLA Alcala de Sa 2.55 99 P Pn Pn 21 11 30.3, POSS Presa 15 de Se 2.72 100 P Pn Pn 21 10 30.7 +2.0, POSS Presa 15 de Se 2.72 100 P Pn Pn 21 11 19.2, TECA Tecapa 2.80 103 P Pn Pn 21 10 31.9 +1.8, PACA Pacayal 2.98 102 P Pn Pn 21 10 34.2 +1.8, PACA Pacayal 2.98 102 P Pn Pn 21 11 06.6 +3.6, PACA Pacayal 2.98 102 P Pn Pn 21 11 29.8, LCY Lacayo 3.02 103 P Pn Pn 21 10 34.5 +1.6, RANC El Ranchito 3.02 103 P Pn Pn 21 10 34.9 +2.0, RANC El Ranchito 3.02 103 P Pn Pn 21 11 14.4 +3.4, RANC El Ranchito 3.02 103 P Pn Pn 21 11 37.8, CAHU Casahuatn 3.03 96 P Pn Pn 21 10 34.2 +1.0, BLLM Bellamira 3.06 106 P Pn Pn 21 10 35.7 +2.2, IZABA Izabal, Puerto 3.09 58 P Pn Pn 21 10 36.0 +2.3, IZABA Izabal, Puerto 3.09 58 P Pn Pn 21 10 35.7 +2.0, IZABA Izabal, Puerto 3.09 58 P Pn Pn 21 11 37.1, PETF Flores 3.11 26 Pn Pn Pn 21 10 35.2 +1.2, PETF Flores 3.11 26 Pn Pn Pn 21 10 36.4 +2.3, PETF Flores 3.11 26 Pn Pn Pn 21 10 36.2 +2.1, PETF Flores 3.11 26 Pn Pn Pn 21 11 36.3, INTH La Esperanza 3.12 86 P Pn Pn 21 10 36.1 +1.7, CNRM Centro Nacional 3.12 102 P Pn Pn 21 10 36.0 +1.8, CNRM Centro Nacional 3.12 102 P Pn Pn 21 11 41.4 +3.7, CNRM Centro Nacional 3.12 102 P Pn Pn 21 11 51.1, INTP Intipuca 3.30 106 P Pn Pn 21 10 38.5 +1.9, LCND La Caada 3.42 103 P Pn Pn 21 10 40.1 +1.8, LCND La Caada 3.42 103 P Pn Pn 21 10 39.9 +1.5, LCND La Caada 3.42 103 P Pn Pn 21 11 32.2, CNCH Conchagua 3.49 104 P Pn Pn 21 10 40.7 +1.4, CNCH Conchagua 3.49 104 P Pn Pn 21 10 40.8 +1.5, CNCH Conchagua 3.49 104 P Pn Pn 21 11 42.5, AMPH Amapala 3.65 103 P Pn Pn 21 10 43.3 +1.9, CSGN Cosiguina Volc 3.83 107 P Pn Pn 21 10 45.2 +1.3, CSGN Cosiguina Volc 3.83 107 P Pn Pn 21 11 49.8, TGUH Tegucigalpa,Un 3.92 90 P Pn Pn 21 10 46.0 +0.7, TGUH Tegucigalpa,Un 3.92 90 P Pn Pn 21 10 46.4 +1.1, TGUH Tegucigalpa,Un 3.92 90 P Pn Pn 21 11 59.9, YUSH Yuscaran 4.34 92 P Pn Pn 21 10 52.4 +1.4, CMIG Matias Romero 4.53 311 P Pn Pn 21 10 53.2 -0.3, CMIG Matias Romero 4.53 311 P Pn Pn 21 10 53.2 -0.3, CMIG Matias Romero 4.53 311 P Pn Pn 21 11 42.7 -2.3, CMIG Matias Romero 4.53 311 P Pn Pn 21 11 42.7 -2.3, LEVN Ruinas Leon Vi 4.88 110 P Pn Pn 21 10 59.8 +1.5, LEVN Ruinas Leon Vi 4.88 110 P Pn Pn 21 12 18.2, LIMN Finca el Limon 4.92 102 P Pn Pn 21 11 00.6 +1.6, LIMN Finca el Limon 4.92 102 P Pn Pn 21 12 23.2, SAPS Ciudad Sandino 5.16 112 P Pn Pn 21 11 03.4 +1.3, SAPS Ciudad Sandino 5.16 112 P Pn Pn 21 11 14.1, SAPS Ciudad Sandino 5.16 112 P Pn Pn 21 11 15.1, SAPS Ciudad Sandino 5.16 112 P Pn Pn 21 11 21.2, SAPS Ciudad Sandino 5.16 112 P Pn Pn 21 12 03.8 +3.4, SAPS Ciudad Sandino 5.16 112 P Pn Pn 21 12 21.0

761

Table with columns: Call Sign, City, Frequency, Power, Mode, and other technical details. Includes stations like MGAN Managua, NANN Nandamaso, BOAB BOACO BROADBAND, etc.

2018 OCT

Table with columns: Call Sign, City, Frequency, Power, Mode, and other technical details. Includes stations like CHIV Chivirico, MARVS Santiago de Cu, HLCG Holguin, etc.

12d 21h

Table with columns: Call Sign, City, Frequency, Power, Mode, and other technical details. Includes stations like GRTK Grand Turk, WFTS WFLA, SDV Santo Domingo, etc.

12d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BAUV, TZTN, V55A, etc.

2018 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like S22A, Q24A, Q24B, etc.

762

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MACA, YHR, YHL, etc.

763

Table with columns for station codes (e.g., PAPY ZON, RPRD YKA), names (e.g., Pozo Azul, Ribas do Rio P), coordinates (e.g., 49.87 139), and other data. Includes sub-sections like 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800.

2018 OCT

Table with columns for station codes (e.g., YUKA, PLNB, PLTB), names (e.g., Talbot Arm, Pinnacle, Pedras Altas), coordinates (e.g., 58.04 335), and other data. Includes sub-sections like 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900.

12d 21h

Table with columns for station codes (e.g., DHY, O22K, PMR), names (e.g., Denali Highway, Cooper Landing, Palmer), coordinates (e.g., 62.45 335), and other data. Includes sub-sections like 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like G23K Bananza Creek, L20K Farewell AK, E24K Your Creek, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like H18K Honhosa River, M15K Kasigluk River, O14K Tigiyakuiv M, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like PMSA Palmer Station, BILL Bilibino, BILL Bilibino, etc.

765

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Vranov, SOKA, ARSA, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like UZB, WMQ, SHLS, etc.

12d 21h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TengChong, AZL, AKL, etc.

KRSC 12:21:09.53:4.0, 8.56:12N:161.24E, h104km, 7km, M13.8
IDC 12:21:09.55:6.4, 8.56:15N:161.31E, h125km, 37km, mb3.37,
mbmp3.77, Error ellipse: s-maj=62.0km s-min=24.2km
az=88.0
ISC 12:21:09.54:1.0, 8.56:16N:0.06:161.19E:0.04, h107km, 5km,
n34, 0:089/46, mb3.6/7, Near east coast of Kamchatka

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like ZLN, LGNR, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like XAN, QZH, M13K, F15K, J14K, TPUB, TWGB, L14K, KNMB, C16K, M14K, N14K, CNSH, S12K, G16K, L15K, K15K, O14K, D17K, RDOC, C17K, M15K, J16K, E17K, I17K, F17K, N15K, ENH, G17K, O15K, SDPT, H17K, L16K, LZH, B18K, E18K, C18K, J17K, M16K, S14K, F18K, N16K, CHNA, CNBA, A19K, L17K, K17K, I17AR, G17K, M20K, G18K, H18K, O16K, O16K, C19K, P16K.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CHGN, M17K, F19K, F19K, GTA, GTA, GTA, GTA, N17K, D19K, O17K, GCSA, G19K, J18K, L18K, E19K, H19K, H19K, Q16K, P17K, TTA, TTA, TTA, TTA, M18K, N18K, D20K, B20K, J19K, R17L, PLK4, E20K, SVW2, F20K, Q17K, H20K, O18K, O18K, L19K, P18K, P18K, A21K, I20K, Q18K, M19K, N19K, N19K, J20K, J20K, C21K, K20K, CHIR, CHIR, B21K, B21K, L20K, IMAR, E21K, G21K, G21K, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, F21K, R18K, M20K, M20K, M20K, H21K, SZP, Q19K, Q19K, B22K, B22K.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like B22K, CD2, CD2, CD2, CD2, CD2, SII, SII, SII, P19K, P19K, P19K, ILSW, D22K, CHUM, F22K, I21K, PPLA, CAST, CAST, E22K, E22K, N20K, SPCR, OHAK, OHAK, G22K, SPU, H22K, SKT, Q20K, SYI, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, MLY, MLY, KTH, D23K, C23K, C23K, COLD, GYA, GYA, GYA, GYA, G23K, SUA, SUA, TRF, CNPM, CUT, CUT, E23K, E23K, TOLK, H23K, BRSE, I23K, BWN, D24K, D24K, NEA2, NEA2, C24K, RC01, RC01, RC01, E24K, MCK, O22K, PMR, PMR, F24K, GHO, SEW, WAT1, H24K, COLA, COLA, COLA, COLA, COLA.

Table with columns for station code, name, frequency, power, antenna, and coordinates. Includes stations like COLA College, K27K Chicken, and M26K Nabesna, AK.

Table with columns for station code, name, frequency, power, antenna, and coordinates. Includes stations like K27K Chicken, BERG Bohr Lake, and M27K Edge Creek, AK.

Table with columns for station code, name, frequency, power, antenna, and coordinates. Includes stations like TNCH comp=Z,54nm,1.0s, MAYO Mayo, Yukon, and SHL Shillong.

12d 21h

Table containing station call letters, names, and frequency/technical details for the 12d 21h section.

2018 OCT

Table containing station call letters, names, and frequency/technical details for the 2018 OCT section.

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Table containing station call letters, names, and frequency/technical details for the 770 section.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FFC, WFOR, WVRW, NSS, MEF, ARBE, ORV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VSYD, TPAW, LOHW, SNOW, HVU, DSP, PABE, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NGCH, PASC, ULM, ULM, ULM, GSC, SOC, etc.

12d 21h

2018 OCT

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Table listing various astronomical objects and their positions for the period 12 days and 21 hours. Columns include object name, right ascension, declination, magnitude, and other relevant data.

Table listing various astronomical objects and their positions for the period 2018 OCT. Columns include object name, right ascension, declination, magnitude, and other relevant data.

Table listing various astronomical objects and their positions for the period 2018 OCT. Columns include object name, right ascension, declination, magnitude, and other relevant data.

Table with columns: BLO, comp=Z, mmax, pmax, and various station names like INTR, 049A, FCAR, etc.

Table with columns: comp=Z, 29nm, 1.1s, and various station names like MVL, BRNJ, R55A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, and various station names like TNTI, SWI, KMSI, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like SPN Mys Zhipunski, GNL Ganaly, KII Karymskiy, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like HEH HeiHe, HEH comp=Z,28nm,0.7s, HEH comp=Z,2770nm,15.7s, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like M17K Holitna River, C18K Utukok River, C18K Utukok River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for LOT, SIRR, WET, GEC2, GEC2, GERES, GERES, GERES, GERES, TNS, SGRR, SGRR, BTNL, MEM, CONA, MDH, MDH, GZR, GZR, RONA, MASF, MASF, BSTI, WSAR, BZS, BZS, UMU, UMU, BIDO, BCLL, UOSS, UOSS, UOSS, BGN, BGN, WBK, JLN, HATD, HATD, MOA, BMRD, RCHB, OSA4, HERR, BR131, BRTR, BRTR, BRTR, ZIMR, ZIMR, ASHO, ASHO, SMDO, NAZ, NAZ, MORH, ARSA, WRKA, HOQ, DOU, SOHO, SOHO, BLOA, ANTO, ANTO, ANTO, ANTO, ANTO, FAQ, FAQ, MDVR, KIRS, RJOB, FURJ, ELND, ASUD, ASUD, ASUD, JMDO, FRGS, ALNE, ALNE, LESA, SOKA, PERS, AJN, BSY, KBA, BFO, BFO, OBKA, OBKA, WATA, DOBS, WTTA, UBR, RETA, MYKA, MOTA, TEKS, SOTA, ECH, ABTA, ABTAL, CRES, KBD.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for DAVA, VISS, FETA, MHTO, A051A, BOJ, CEY, STALIGIAL, CIMO, BLY, HAPS, BBLS, MZWR, DAVOX, SKDS, FUORN, TAOE, ALN, ALN, SHMA, RUDD, CTEI, SLES, A051A, GHWR, LDF, UPM, MZR, LOR, SMRY, SLWR, ROSF, PDG, PDG, STON, HCY, DRACEV, AVF, STKA, STKA, OFR, LPL, LPL, PPT2, KBN, KBN, KBN, KBN, BNI, BNI, BNI, SSB, MMAL, MMAL, ORIF, VIVF, CEXS, INTR, FORT, FORT, MATE, DOK, WIFO, TIP, RAYN, RAYN, RAYN, RAYN, RAYN, ABTO, EIL, EPF, TBI, VAE, ESCD, ESCD, KEST, KEST, RKT, TORD, H03N2, H03N3, H03N3, GSPA, CLPA, CLPA, ELIB, TROLL, SNA4, SNA4, VNA2, VNA3, VNA1, IDC, FITZ, WRA, ASAR.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for MKAR, SCB, GUC, ISC, TA01, TA01, TA01, MOCB, MOCB, MOCB, SOEO, YJA, YJA, YJA, BBOE, BBOE, NEIC, IDC, ISC, MSVF, MSVF, AFI, PINN, MXZ, TOZ, TOZ, MRZ, URZ, MRZ, NNZ, NNZ, TUWZ, THZ, DSZ, DSZ, LTZ, LTZ, ARMA, ARMA, CTAO, CTAO, COEN, COEN, BBOO, BBOO, WR0, ASAR, ASAR, WBO, WBO, WB2, WRAB, WRAB, FITZ, GSPA, GSPA, JSG, CMAR, BVAR, ARCES, HFS, AKASG, MMAL, GERES, TORD, NEIC, IDC, ISC, RSSD, K22A, K22A, LAO, LAO, N23A, N23A, N23A, PD31, PD31, PDAR, PDAR, PDAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FLWY, OGNE, IMW, ISCO, AHID, BOZ, ULMA, HLOCA, ULM.

IDC 12 23:16:13.5±1.6, 34.46N±25.27E, h0km, mb3.5/3, mbtmp3.5/4, ML3.6/1, MS3.3/1, Error ellipse: s-maj=72.9km s-min=25.7km az=148.0

ATH 12 23:16:18.3, 34.74N±25.24E, h26km±2km, ML3.0/5, Error ellipse: s-maj=4.8km s-min=1.5km az=352.0

THE 12 23:16:18.3, 34.71N±25.22E, h8km±1km, ML3.0/5, Error ellipse: s-maj=2.1km s-min=0.8km az=7.0

ISC 12 23:16:16.1, 34.58N±25.25E±0.03, h28km±12km, h50, c1948/61, mb3.6/3, Crete

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMBK, IDI, ZKR, PRNS, GVD, IMMV, KNDR, RODP, SNT5, THRS, SAP3, KARP, ANKY, MHLO, APE, ARGE, CSS, KZIT, MMAA, AMAZ, GEM, NATI, HMAT, YTRJ, QRNJ, UJAP, DSI, MSBJ, KRMI, LISJ, GHJU, PRNJ, ZFRJ, HRFJ, MBRI, EIL, DAVOX, TORD, MKAR, ZALV.

IDC 12 23:57:54.0±3.5, 6.71S±154.45E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=126.5km s-min=38.4km az=118.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, TORD, GNI, GAZ, MBAR.

Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-2.76; 17; Mss2.04; 12; Mss0.02; 12; Mss0.29; 23; Mss-0.92; 08; Mrr1.89; 34; Best double couple: M,3.41100;1016 NP1:3a=133.00000; 854.00000; A-55.00000; NP2: 3a=263.00000; 848.00000; A-129.00000; Principal axes: T 3.0360, Plg3.0000; Azm199.0000; N 0.7550, Plg28.0000; Azm291.0000; P -3.7860, Plg62.0000; Azm103.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABTO, RBK, WHFO, DMTO, SHAO, DOK, MHTO, MHTO, MZR, BSY, JMD, SLD, WBK, HOQ, ALNE, WSAR, BIDO, SOHO, ASHO, SMRA, HATD, UOSS, UOSS, ATD, MASF, SHME, SHME, RAYN, RAYN, FURI, FURI, LOKD, LOKD, HRA, HRA, KMBO, KMBO, KMBO, KMBO, EIL, ASF, GHJU, GHJU, KBL, KBL, MMAL, SIRT, NIL, NIL, GURU, GURU, GNI, GNI, GNI, GNI, GNI, GNI, GAZ, GAZ, MBAR, MBAR.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBAR, AKT, AKT, KARS, KARS, KARS, SIMJ, SIMJ, CHGR, CHGR, CHGR, ARPR, ARPR, GAR, GAR, MAK, MAK, MAK, MAK, MAK, BNN, DRK, DRK, DRK, DRK, BTK, BTK, BTK, KIRS, KBZ, KBZ, ELL, ELL, ELL, SHAI, BRTR, BRTR, BRTR, BRTR, KVAR, KIV, KIV, KIV, CHM, CHM, CHM, IUG, IUG, IUG, BR231, BR231, ANTO, ANTO, ANTO, ANTO, ANTO, ARSB, ARSB, BRLS, BRLS, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, KSH, DZA, DZA, DZA, DZA, DZA, DZA, AAK, AAK, AAK, FRU1, FRU1, FRU1, FRU1, ABPO, ABPO, ABPO, BOOM, BOOM, BOOM, SGDS, SGDS, TARG, TARG, WUS, WUS, TNS5, TNS5.

GCMT 13 00:12:23.1±0.3, 14.32N±0.02±0.3, 25E±0.03, h14km±1km, MW5.0/66, Moment Tensor Solution. s32,c41, s86,c137;

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Castel Tesino, LESA, GECZ, GERES, ZVC, PRMA, KHC, Kasperke Hory, LBTB, WTATA, WATA, SQTA, MOTA, FETA, VSU, RETA, CD2, DAVOX, TSUM, DAVA, CLL, ARBE, LMR, WTS, BNI, LPGA, BFO, TORD, MEF, BOSA, GYA, JOF, FINES, KEF, LOR, AVF, RCHB, MOY, GIV, DOU, XAN, BAIF, ZAK, HFS, SONM, SONM, ULN, ULN, NOA, SUR, SUR, ESB, ESDC, ESDC, PAB, PAB, PAB, HHC, HHC.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like HHC, HHC, HHC, DBIC, ARCES, HNS, HNS, NRK, NRK, NRK, NRK, NRK, EKA, BJ, BJ, NJ2, NJ2, NJ2, SPITS, CN2, CN2, CN2, TJN, HEH, HEH, HEH, KARSAR, KARSAR, KARSAR, KARSAR, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, YAK, KLR, KLR, TXI, TXI, TXI, TXI, H01W, H01W, H01W, SEY, SEY, MAW, BILL, BILL, WRA, PET, PET, ELB, A36M, PDAR, NVAR, TXAR, MOS 13:00:13.22, IBC 13:00:13.23, NEIC 13:00:13.23, IAO 13:00:13.26, Code Station Name, NNA, NNA, NNA, ATAH, ATAH, CZSB, CZSB, PB18, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, TA02, HMBC, TA01, G001, PATCO, PB04, PB09, ETMB, ETMB, LVC.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like LVC, LVC, LVC, LVC, LVC, LVC, LVC, LVC, LVC, G003, TEFE, BBSD, WILB, WILB, WILB, AC06, PTB, PTB, PTB, ROSE, ROSE, ROSE, MACA, MACA, MACA, PDRB, VA06, VA06, VA06, H03N1, H03N2, H03N3, RUSC, RUSC, BDOQ, BDOQ, BDOQ, BDOQ, PEL, PEL, PEL, MT02, SALV, MT05, MT16, MT16, MT16, MT03, MT08, MT01, MT13, AQDB, AQDB, LMEL, B004, B001, G005, BO02, NPGB, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, AMBA, AMBA, BOVA, BOVA, SDV, SDV, SDV, BRU2, BRU2, BRU2, ARAG, BAUV, ITQB, ITQB, ITQB, SNDB, LCR2, PTGB, JTS, JTS, JTS, ITRB, ITRB, ITRB, PCRV, IPMB, PLCA, PLCA, PLCA, PLCA, PLCA, PLCA, PLCA, PLCA, BDFB, BDFB, LLO1, LLO1, LLO1, TGHU, TGHU, TGHU, MDP, COYQ, COYQ, COYQ, OBIP, PRSN, CELP, CELP, UUPR, SJJG, SJJG, SJJG, SJJG, SJJG.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like AOPR, HUMP, TEIG, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like ALPN, UTMT, GLAT, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like L59A, N41A, WVNY, etc.

13d Oh

Table with columns for station call letters, frequency, mode, and other parameters. Includes stations like CCAC, BSUT, PSUT, RSSD, etc.

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Table with columns for station call letters, frequency, mode, and other parameters. Includes stations like PMTG, TOAD, PESTR, etc.

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Table with columns for station call letters, frequency, mode, and other parameters. Includes stations like C21K, B21K, ABTA, etc.

ISN 13 00:13.43.7.0.34.65N:46.25E, h6km,4km, ML2.8
TEH 13 00:13.44.3.34.65N:46.34E, h9km,10km, ML2.8
ISN 13 00:13.44.7.0.34.67N:0.04:46.34E:0.04, h8km,7km,
Z,0.060/16, Western Iran

Table with columns for Code, Station Name, A1, AZ, Phase ID, h, m, s, ISC. Includes stations like IDHR, IGHG, ILIN, etc.

BUI 13 00:13.45.0.13:31S:167:17E, h198km, mb5.6/92,
mB5.6/67
NEIC 13 00:13.45.9.1.7.13:68S:008:167:25E:0.08, h197km,3km,
m5.4/418, Mw5.7/50, Error ellipse: s-maj=11.5km
s-min=1.1km az=220.0
MOS 13 00:13.45.6.1.1.13:63S:167:17E, h210km, mb5.6/45,
Error ellipse: s-maj=5.9km s-min=5.8km az=125.0
GCMT 13 00:13.46.9.0.1.13:74S:010:167:11E:0.01, h207km,
Mw5.1/175, Moment Tensor: s158,c333,
s175,c376. Moment tensor: s158,c333,
Nm: M=5.61:04; Mw=0.51:05; Ms=5.10:05;
M=0.05:04; Mw=1.26:05; Mw=1.26:05; Best double
couple: Ms:7.2900:017; NP1=166.00000; 851.00000;
1.94.00000. NP2=340.00000; 839.00000; 85.00000.

Principal axes: T 5.7520, Plg83.0000°, Azm100.0000°; N -0.0500, Plg3.0000°, Azm344.0000°; P -5.7060, Plg6.0000°, Azm253.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
IPGP 13 00:13:46.0, 13.68S; 167.22E, h206km, Mw5.8, Fault plane solution: NP1; 168.0000°, 850.0000°, 1.93, 0.00000°. NP2; 343.0000°, 840.0000°, 1.87, 0.00000°.
IDC 13 00:13:46.1, 1.0, 13.78S; 167.14E, h209km, 8km, mb5.0/28, mbmp5.5/30, Error ellipse: s-maj=8.8km s-min=7.2km az=111.0

NEIC 13 00:13:46.1, 13.68S; 167.23E, h200km
NEIC 13 00:13:46.1, 13.68S; 167.02E, h200km, Moment Tensor Solution. Duration: 3.9 Moment tensor: Scale 10^7Nm; Mn:4.91; Ms:-0.70; Mx:-4.21; Mo:0.40; Mw:1.81; Mr:-1.08; Fault plane solution: Ms.08000°/10^7 NP1: 0=157.61000°, 851.560000°, 1.90, 7.40000°. NP2: 0=336.41000°, 838.440000°, 1.89, 06.0000°. Principal axes: T 5.0443, Plg83.0000°, Azm72.0000°; N 0.0654, Plg1.0000°, Azm337.0000°; P -5.1096, Plg7.0000°, Azm247.0000°;
NOU 13 00:13:47.6, 13.70S; 167.19E, h213km, ML5.4/155, Vanuatu Islands

ISC 13 00:13:45.0, 13.72S; 167.25E; 0.03, h208km, 1km, h209km, mb5.5/34, 1.499, 0, 114/1503, mb5.5/364, 1.06C-67D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various data points for stations like VLAKO, DVP, KOUNC, etc.

Table with columns: Station Name, Time Res, and various data points for stations like AUSMG, DSZ, SNZO, INKA, MSWZ, etc.

Table with columns: Station Name, Time Res, and various data points for stations like XMAS, Kiritimati, FORT, FORST, etc.

Table with columns for station names (e.g., POHA, MORW, MORV), frequencies, and various status indicators (P, S, I, A, M, B, etc.).

Table with columns for station names (e.g., ASAJ, KASI, TJN, TAJ, SSS), frequencies, and various status indicators (P, S, I, A, M, B, etc.).

Table with columns for station names (e.g., CNSH, GSTR, WHN, WHN, MDJ), frequencies, and various status indicators (P, S, I, A, M, B, etc.).

Table with columns: STA, Name, Elev, Az, Pr, Az, Pr, Az, Pr, Az, Pr. Includes stations like SUA Susitna One, Q23K Middleton Isla, GTA Gaotai, etc.

Table with columns: STA, Name, Elev, Az, Pr, Az, Pr, Az, Pr, Az, Pr. Includes stations like G19K Purcell Mounta, H20X Antonelega Mo, WAX Waxel Ridge, etc.

Table with columns: STA, Name, Elev, Az, Pr, Az, Pr, Az, Pr, Az, Pr. Includes stations like RIDG Independent Ri, L26K Log Cabin Wild, S32K Killisnoo, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPAZ, SLWR, ARCES, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NB2, NOA, SPB, HFS, AK03, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ELND, LANS, RUE, BORR, etc.

13d 1h

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SC01 Santiago de lo, DR08 Loma La Naviza, SMDR Samana, DR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 30.33 67 T, KSRS Korea Array, H11N1 WAKE ISLAND Hy 30.86 64 T, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 13.59 178 Pn, FITZ Fitzroy Crossi 14.21 213 Pn, ASAR Alice Springs 17.29 180 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CATAC 13 01:24:33.2, 0.4, 13:25N:87.93W, h8km, 3km, ML2.7, SNET 13 01:24:33.0, 0.5, 13:23N:87.94W, h4km, 3km, ML3.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 14.11 177 Pn, FITZ Fitzroy Crossi 14.50 212 Pn, ASAR Alice Springs 17.80 179 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 19.33 153 P, ASAR Alice Springs 22.48 158 P, STKA Stephens Creek 28.28 153 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 15.51 179 Pn, FITZ Fitzroy Crossi 15.99 211 Pn, ASAR Alice Springs 19.22 181 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LKRN Lenkeran, Azer 0.15 79 P, WRA Warramunga Arr 13.59 178 Pn, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASTR Astara 0.20 128 P, LKRN Lenkeran, Azer 0.15 79 P, WRA Warramunga Arr 13.59 178 Pn, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LKRN Lenkeran, Azer 0.15 79 P, WRA Warramunga Arr 13.59 178 Pn, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 19.33 153 P, ASAR Alice Springs 22.48 158 P, STKA Stephens Creek 28.28 153 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 27.78 186 P, H11S3 WAKE ISLAND Hy 30.31 67 T, H11S2 WAKE ISLAND Hy 30.33 67 T, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GANJ, GDB, GEDABAY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KGS1, IDHR, GLGI, etc.

DNK 13 02:11:01.5:2.8,51.52N:15.51E,h15km,126km,ML2.0
IPEC 13 02:11:02.2:0.2,51.61N:15.98E,h1km,ML2.9/5,Error
ellip: s-maj=3.2km s-min=1.5km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP, KSI, KSA, etc.

AZER 13 02:01:53.2,41.76N:46.28E,h10km,m12.1
MOS 13 02:01:53.1,41.94N:46.43E,h27km,MPVA3.2
ISC 13 02:01:53.0,1.1,41.86N:0.02:46.35E:0.02,h18km,6km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKTA, KMKR, GNBR, etc.

TEH 13 02:10:40.6,34.49N:45.91E,h12km,ML2.8
ISN 13 02:10:41.0,0.9,34.54N:45.91E,h16km,5km,ML2.8
ISC 13 02:10:41.1,1.0,34.53N:0.04:45.95E:0.04,h10km,n12,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DPC, PVCC, BRG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHC, MANZ, JAVC, etc.

GRF 13 02:11:04.9:0.9,51.42N:15.85E,h0km,mb2.6/9,m2.8/9,
ms3.8/1,Error ellip: s-maj=7.4km s-min=6.1km az=57.0
Suspected Miling induced.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CONA, RONA, MOA, etc.

WEL 13 02:41:01.8:0.3,40.0'S:2.17'5"E,h12km,M3.3/3,
ML3.6/17,MLV3.3/3,Error ellip: s-maj=3.6km
s-min=2.7km az=43.4,confirmed

NOU 13 02:41:02.8,40.13S:174.83E,h69km,ML3.4/9,Cook
Strait, New Zealand
ISC 13 02:41:02.7,1.0,40.13S:0.02:174.85E:0.02,h32km,9km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHWZ, WAZ, OGWZ, etc.

FUNV 13 02:07:26.2,10.50N:62.55W,h10km,MMW3.3
ISC 13 02:07:23.6,1.5,10.64N:0.05:62.47W:0.05,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSKH, PSGH, TRN, etc.

h116km,15km,n17,r134/30,Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRAC, TREC, TANN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHEZ, KHEH, DREZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAHZ, HIZ, HZ, TNKZ, BSWS, etc.

IDC 13 02:55:36.7-2.6, 2.48N, 128.69E, h213km, 25km, mb3.5/10, mbtmp4.0/10, Error ellipse: s-maj=33.7km s-min=9.4km az=83.0

NEIC 13 02:55:38.5-0.8, 2.5N, 128.7E, h213km, 9km, mb4.3/15, Error ellipse: s-maj=20.8km s-min=14.1km az=60.0

DJA 13 02:55:40.4-0.9, 2.7N, 128.7E, h219km, 6km, M4.2/9, mb4.2/4, mB4.9/2, MLV4.2/9, Mw(mb)4.2/2

ISC 13 02:55:35.0-0.6, 2.56N, 128.8E, 0.1, h200km, n34, s=1544/33, mb4.2/15, Halmahera

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI, KMSI, SANI, FAKI, etc.

IDC 13 03:00:07.6-1.1, 0.1901S, 177.59W, h563km, 118km, mb3.1/6, mbtmp4.0/6, Error ellipse: s-maj=69.7km s-min=43.4km az=106.0

ISC 13 03:00:08.2-1.6, 19.0S, 177.6W, 0.3, h570km, n6, s=1818/8, mb3.6/6, Fijii Islands region

Table listing seismic stations for the Fijii Islands region, including STKA, WRA, WRA, ASAR, etc.

AFAD 13 03:20:25.9-0.0, 41.64N, 145.44E, h7km, 5km, ML2.2

AZER 13 03:20:26.9, 41.68N, 144.97E, h29km, ml2.5

MOS 13 03:20:29.2, 41.87N, 144.96E, h24km, MPVA3.2

DRS 13 03:20:29.2, 41.77N, 145.20E, h48km

NORS 13 03:20:31.4, 41.90N, 144.94E, h12km, MPVA3.1

ISC 13 03:20:27.2-1.1, 41.70N, 145.02E, 0.02, h4km, n11km, n35, s=696/65, Western Caucasus

Main table listing seismic stations for the Western Caucasus region, including QZK, GUDG, GDB, etc.

IDC 13 03:24:06.1-2.5, 6.04S, 151.46E, h0km, mb3.3/4, mbtmp3.4/4, Error ellipse: s-maj=147.4km s-min=30.9km az=129.0, New Britain region

Table listing seismic stations for the New Britain region, including WRA, ASAR, FITZ, etc.

DJA 13 03:28:13.8-0.5, 0.3N, 111.9E, h10km, M4.2/10, mb4.3/4, mb4.5/1, MLV4.1/10, Mw(mb)3.7/1

IDC 13 03:28:14.4-1.7, 0.61N, 120.94E, h0km, mb3.4/3, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=162.1km s-min=26.7km az=62.0

ISC 13 03:28:16.2-1.1, 0.09S, 119.71E, 0.09, h10km, n11, s=138/12, mb3.5/3, Minahassa Peninsula, Sulawesi

Table listing seismic stations for the Minahassa Peninsula region, including MPSI, APSI, LUWI, etc.

WRA Warramunga Arr 24.39 145 P 0.3 33 34.2 -0.6

ASAR Alice Springs 27.19 151 P 0.3 34 00.0 -0.2

0.3nm,0.8s MKAR Makanchi Array 57.01 330 P 0.3 38 02.4 +0.3

NIED 13 03:53:53.5, 28.10N, 128.07E, h15km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn:0.20; M0:0.65; M0:0.85; M0:0.21; M0:0.97; M0:0.49;

JMA 13 03:53:53.0, 3.28; 1N:0.4; 128:1E:0.6; h15km, 2km, MV3.6/16, NW OFF OKINAWAJIMA IS

ISC 13 03:53:54.0, 1.1, 27.81N, 128.03E, h0km, mb3.7/6, mbtmp3.7/10, ML3.2/4, MSC3.4/13, Error ellipse: s-maj=34.2km s-min=18.1km az=78.0

ISC 13 03:53:57.1-0.8, 2.79N, 128.05E, 0.07, h22km, 7km, n31, s=157/29, mb3.6/6, MS3.4/11, Ryukyu Islands

Main table listing seismic stations for the Ryukyu Islands region, including JTK, JOKE, JOKE, etc.

IDC 13 03:58:26.5-1.4, 18.11N, 146.61E, h0km, mb3.7/7, mbtmp3.7/7, MS2.7/7, Error ellipse: s-maj=53.1km s-min=23.0km az=90.0

ISC 13 03:58:35.0-1.4, 18.1N, 146.6E, 0.4, h66km, n9, s=135/7, mb3.8/7, Mariana Islands

Table listing seismic stations for the Mariana Islands region, including DAV, KSRs, KLR, etc.

IDC 13 04:00:16.1-1.6, 38.52N, 142.46E, h0km, mb3.8/3, mbtmp3.6/6, ML3.0/3, MS2.7/1, Error ellipse: s-maj=37.2km s-min=22.5km az=101.0

JMA 13 04:00:28.4-0.1, 37.9N, 140.3; 141:9E:0.6; h52km, 1km, MV3.7/31, SE OFF MIYAGI PREF

ISC 13 04:00:27.1-1.8, 37.88N, 140.06E, 0.12, h55km, n14km, n25, s=132/26, mb3.8/3, NE, Near east coast of eastern Honshu

Table listing seismic stations for the Honshu region, including JIKH, JIKH, JIO, etc.

JYK Shirayama 1.52 284 P 0.3 34 00.0 -0.2

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KMBL, JMN, JMU, etc.

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

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like USA0B, USA0B, USRK, etc.

13d 4h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Hyderabad, Songino Array, Ulanbaatar, and Makanchi.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like Makanchi, Saty, ZHN, KPKS, and many others.

796

Table with columns for station name, frequency, power, and signal strength. Includes stations like KBL, OGWZ, SEM, ZALV, MRZ, and many others.

Table with columns: NR/K, Name, Comp, Az, El, Az El, P, P, Az El. Includes entries like NR/K Nori'sk, ABTO Aybut, AB31 Akbulak array, etc.

Table with columns: KIRV, Name, Comp, Az, El, Az El, P, P, Az El. Includes entries like KIRV Kirov, J16K Anvik River, J16K Anvik River, etc.

Table with columns: J19K, Name, Comp, Az, El, Az El, P, P, Az El. Includes entries like J19K Poorman, O19K Port Aisworth, O19K Port Aisworth, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like P33M Teslin, Yukon, MBAR Mbarara, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like VRAC Vranov, VRAC Vranov, VRAC Uvice, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like S22A 4UR Ranch, CRE, ESDC Sonsea Array, etc.

13d 4h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

SOME 13 04:43:56.8, 41.45N, 72.60E, h0km, Kyrgyzstan

Table listing station details for the 'SOME' group, including station names like MRKS, IUG, and KRBS with their respective coordinates and technical parameters.

ROM 13 04:45:24.0, 0.1, 42.943N, 0.004, 13.466E, 0.007, h14km, ML1.7/36, 1D, Error ellipse: s-maj=0.7km s-min=0.2km az=233.0, Central Italy

Large table listing station details for the 'ROM' group, including station names like MF5, MTR, and TERO with their coordinates and technical specifications.

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Main table listing station details for the '2018 OCT' group, including station names like TERO, CESI, GIGS, and others with their coordinates and technical parameters.

800

Table listing station details for the '800' group, including station names like COEN, HTT, LCRK, and others with their coordinates and technical parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for Butcher Ranch, Lajitas Arr, TXAR Lajitas Array, ALPN Alpine, SAND Sanderson, S22A 4UR Ranch, ILAR Eielson Array, DRIO Del Rio, PDAR Pinedale Array, MKAR Makanchi Array, KURBB Kurchatov Arr, ARCES ARCESS Array B, FINES FINESSE Array B, NOA NORSAF Array, HFS Hagfors, MMAL Mount Meron Arr, BRTR Keskin Array B, EKA Eskdalemuir Arr, CLL Colim, ESDC Sonsea Array, TORD Torodi Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for PRU 13 04:51:18.3,0508N:18.34E, OKC Ostrava-Krasne, MORC Moravsky Berou, QJC Qjow, KRLC Kraliky, LANS Liptovska Anna, JAVC Velka Javorina, DPC Dobruska-Polom, VRAC Vranov, NIE Niedzica, OSTC Ostas, CHVC Chvaleb, VYHS Vyhne, KRUC Moravsky, GOPC GO Pecny, Ondr, CKRC Cesky Krumlov, KHC Kasperske Hory.

RSNC 13 04:54:54.5,0.9,2.7,1W, h0km, M2.7, mb3.7, ML2.3
FUJIV 13 04:54:57.1, 8.73N, 70.58W, h5km, MW3.2
ISC 13 04:54:53.9,0.9, 8.88N, 0.04:70.57W, 0.03, h9km, 6km, n20,
c1848/0, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SDV Santo Domingo, SOCV Socops, TEPV Terepaima, CAPV Capachio, BAUV EI Baul, PAMC Pamplona, Colo, TAMC Tame, Arauca, JACV Jacura, OCAC Ocana, OCAC Beln, URIC Uribia, Colomb, BARC Barichara, RUSC La Rusia, ZARC Zaragoza, Cauca, PUERTO BERRIO, Puerto Gaitan, CHIC Chingaza, GUY2C Guyana, Caldas, PRAC Prado.

RSNC 13 05:15:06.2,0.0, 7.7N, 1:72W, h0km, 2km, M3.3, mb3.8,
m85.6, ML3.1, Mw(mB)5.2, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TAMC Tame, Arauca, PAMC Pamplona, Colo, BARC Barichara, RUSC La Rusia, BRJC Barrancabermej, OCAC Ocana, SPBC San Pablo de B, PTBC PUERTO BERRIO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SDV Santo Domingo, PUERTO GAITAN, CHIC Chingaza, ZARC Zaragoza, EI ROSAL, CURVER Cruz Verde, CU, NORC Norcasia, VILLVICENCIO, SAN JOS DE UR, GUY2C Guyana, CALDAS, VILLAMARIA, CA, ARIGUANI, MAGD, NIZA Niza, Santa Ana, CIUDAD BOLIVAR, PRADO, DABEIBA, URMIC La Uribe, Meta, SAN JOSE DEL G, ORTEGA, TOLIMA, SAN JACINTO, C, APARTADO, CHOC, MACARENA, META, URIBIA, COLOMB, YOTOCO, VALLE, CAPURANA, GARC, CHIANG MAI, JAMUNDI, VALLE, POPAYAN, COLOM, FLORENCIA, BBACA, CAUCA, BBACA, LA CRUZ, CRUC.

ISC 13 05:27:40.2,1.5,0.01N:126.29E, h0km, mb3.6/4,
mbmp3.6/5, ML3.3/1, Error ellipse: s-maj=114.0km
s-min=20.9km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

RSNC 13 05:36:24.5,0.0, 7.7N, 1:73W, h139km, 2km, M2.0, mb3.5,
ML1.8, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BARC Barichara, BRJC Barrancabermej, PAMC Pamplona, Colo, PAMC La Rusia, PUERTO BERRIO, San Pablo de B, OCAC Ocana, ZARC Zaragoza, Cauca, NORC Norcasia, CHIC Chingaza, UREC San Jos de Ur, GUY2C Guyana, Caldas, PUERTO GAITAN, CIUDAD BOLIVAR, PRADO, BRJC San Jacinto, C, BRJC Bahía Malaga, URIC Uribia, Colomb, URIC.

ISC 13 05:50:49.8,1.6, 23.24N:142.85E, h0km, mb4.2/5,
mbmp4.0/8, ML3.1/2, Error ellipse: s-maj=64.8km
s-min=22.8km az=76.0

ISC 13 05:55:51.5, 2.33N, 101:142.8E, 0.4, h35km, n16,
c1910/11, mb4.1/6, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JCJ Chichijima, MJAR Matushiro Arr, KSRS Korea Arr, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, WRA Warramunga Arr, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, KBZ Khabz, FINES FINESSE Array B, PLCA Paso Flores.

IDC 13 05:56:11.1, 1.0, 7.19:00N:121.43E, h0km, mb3.8/12,
mbmp3.8/13, ML3.6/1, MS3.2/8, Error ellipse:
s-maj=29.0km s-min=16.0km az=75.0
NEIC 13 05:56:13.4, 1.3, 19:07N:10:12:11.1, h10km, 1km,
mb4.6/28, Error ellipse: s-maj=20.1km s-min=15.6km
az=113.0

ISC 13 05:56:17.0, 0.7, 19:07N:0:09:121:12E, 0.10, h39km, n65,
c1921/55, mb4.4/26, MS3.1/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TWG Pinlang, TUB Tuba, YULB Yu-li, SSSL Ssangungang, NACB Ninganchiao, YHNB Yeheng, KNMB Chin-men Tao, HKPS Hong Kong Po, QJZ Qiongzhou, DAV Davu City, TJN Taejon, KSRS Korea Arr, KSRS, CMAR Chiang Mai Arr, JGF Kuroka, MJAR Matushiro Arr, USRK Ussuriysk Arr, ASAJ Asahikawa, SONM Soningo Arr, SONM, KLR Kul'dur, WBO Warramunga Arr, WRA Warramunga Arr, WRA, WRO Warramunga Arr, MKAR Makanchi Array, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, PETK Petropavlovsk, ZALV Zalesovo Beam, KURBB Kurchatov Arra, HNR Honiara, BBOD Buckleboe, NRK Nori'sk, ABKAR Abkhal array, K17K Iditarod, D19K Kuna River, H19K Roundabout Mou, L18K Granite Mount, L18K, L19K White Mountain, O18K Koktuh Hills, J20K Nowinta River, J20K, CAST Castle Rocks, BPAW Bear Paw Mtn, E24K Your Creek, F24K Squaw Lake, WRH Wood River Hill, F25K Christian River, F25K, ILAR Eielson Array, BMAR Burnt Mountain, ARCES ARCESS Array B, D27M Malcolm River, E28M Babbage River, E28M, F28M Old Crow, I28M Miner Creek, I28M, H29M Whitestone, M29M Somme Creek, F31M Tsigeitchik, F31M.

13d 6h

Table with station names, coordinates, and status. Includes stations like N30M, A36M, C36M, S32K, TXAR.

IDC 13 06:06:58.9,5.9,20.30Sx173.55E,h0km,mb3.7/3, mbtm3.7/3, Error ellipse: s-maj=254.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations WRA, ASAR, ILAR.

IDC 13 06:07:17.3,2.4,14.56Sx166.91E,h0km,mb3.3/2, mbtm3.4/3, ML3.5/1, Error ellipse: s-maj=53.4km

NOU 13 06:07:35.4,15.47S:167.59E,h0km,MLV4.0/5, Vanuatu Islands

IDC 13 06:07:17.5,2.0,14.6S:0.1x167.2E:0.2,h10km,n6, r1529/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations VLAKA, DVP, DZM, WRA, ASAR, ARCES.

KNET 13 06:25:45.1,0.4,42.54N:74.47E,h11km,4km,ml2.6, Error ellipse: s-maj=3.2km s-min=2.5km az=101.0

KRNET 13 06:25:45.5,0.1,42.53N:74.43E,h12km,mb2.8 SOME 13 06:25:45.5,42.53N:74.42E,h15km

NNC 13 06:25:45.2,0.4,42.53N:74.45E,h2km,2km,mb3.9, mpv3.6, Error ellipse: s-maj=4.2km s-min=2.3km az=159.0

IDC 13 06:25:45.7,0.9,42.53N:0.02:74.44E:0.01,h7km,7km, n75,r1925/133,27C-30D,Kyrgyzstan

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations AAK, UCH, FRU1, KBK, EKS2, CHMS, ARLS, USP, MRKS, SGDS, TKM2, DGS, KST.

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Large table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations ULHL, KRBS, MTBS, NRN, ARSB, SALK, TNSS, AAA, KUU, MDOK, KTBS, KDJ, CHKK, DZA, BTLS, SFK, TRKS, KURS, ARXS, ZHN, KPKS, IUG, BRLS.

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Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations UZB, SHLS, PDGK, DJR, MK31.

IDC 13 06:51:00.6,8.8,7.24S:148.82E,h98km,51km,mb3.1/2, mbtm3.3/4, Error ellipse: s-maj=82.0km s-min=72.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations PMG, WRA, ASAR, STKA.

IDC 13 06:52:28.9,1.7,5.47S:150.81E,h0km,mb3.7/5, mbtm3.9/6,ML2.4/1, Error ellipse: s-maj=53.3km

IDC 13 06:52:37.0,1.5,5.75S:0.3:150.5E:0.3,h35km,n8,r1940/9, mb3.6/5, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations PMG, WRA, ASAR, FITZ, STKA, QPSA, TORO, BDFB.

NEIC 13 06:56:48.2,1.4,4.51N:0.08:125.72E:0.06,h176km,8km, mb4.3/2, Error ellipse: s-maj=13.4km s-min=3.8km

IDC 13 06:56:49.6,1.7,4.56N:125.50E,h200km,16km,mb3.6/11, mbtm4.2/12,MS2.4/1, Error ellipse: s-maj=37.8km

DJA 13 06:56:53.2,0.7,4.5N:5.12'E,h146km,7km,ML4.5/8, mb5.1/3,mb4.3/7,MLV4.5/8,MW(mB)4.4/3

IDC 13 06:56:47.4,0.5,4.45N:0.05:125.68E:0.09,h176km,n48, r1960/54,mb4.2/20,Talau Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations DAV, TINTI, TOLI2, SANI, MPSI, MYLDM, FAKI, MTN, KNRA, FITZ, WBO, WRA, WB2, PSA00, ASAR, MORW, BBOO, EIDS, STKA.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other station details. Includes stations like ALFC, AKMAS, AKKUYU-MERSIN, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other station details. Includes stations like KRMR, KDTR, ASAK, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other station details. Includes stations like AKASG, AKASG, KBZ, etc.

MOS 13 08:39:33.5-1.0, 52.20N-160.00E, h20km, mb4.4/8, Error ellipse: s-maj=8.2km s-min=4.5km az=113.5

KRSC 13 08:39:33.3-1.8, 52.35N-161.01E, h21km, mb3km, M14, Error ellipse: s-maj=3.1km s-min=1.7km az=127.0

NEIC 13 08:39:36.3-1.8, 52.4N-161.01E, h20km, mb4.4/11, Error ellipse: s-maj=18.6km s-min=7.4km az=122.0

IDC 13 08:39:40.7-3.1, 52.49N-160.70E, h57km, mb25km, mb3.6/15, mbmp3.9/16, ML3.4/1, MS3.1/4, Error ellipse: s-maj=21.2km s-min=17.7km az=127.0

ISC 13 08:39:36.7-0.5, 52.31N-160.05E, h35km, m124, off173/123, mb4.2/22.6C, Off east coast of Kamchatka

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other station details. Includes stations like SPN, NLC, RUS, etc.

TIR 13 08:44:56.0, 38.63N-22.12E, h13km, 4km, M13.7, Error ellipse: s-maj=1.1km s-min=0.6km az=250.0

ATH 13 08:45:00.7, 38.77N-21.91E, h9km, 1km, ML3.5/26, Error ellipse: s-maj=0.9km s-min=0.5km az=111.0

THE 13 08:45:00.6, 38.77N-21.94E, h14km, ML3.7/12, Error ellipse: s-maj=0.9km s-min=0.5km az=111.0

IDC 13 08:45:06.4, 1.9, 38.80N-22.02E, h66km, 22km, mb3.5/8, mbmp3.8/12, Error ellipse: s-maj=20.5km s-min=13.9km az=163.0

BEO 13 08:45:06.9, 1.1, 39.29N-22.30E, h2km, 7km, ML3.2/9, Error ellipse: s-maj=5.9km s-min=5.9km az=198.0

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res), and other station details. Includes stations like ANX, ANX, ANX, etc.

13d 9h

Table with columns: LK2D, Lefkada island, 1.03 272, P, Pb, 08 45 18.9 -1.2, AML, 08 45 42.2, 08 45 42.7, BOVS, Bovan, 4.87 358, Pn, 08 46 13.7 +0.5, BRY, Bratogost, 4.89 329, ePn, 08 46 14.8 +1.2, IVAS, Ivanjica, 5.00 345, ePn, 08 46 15.9 +0.8, UPM, Unac-Piva, 5.01 333, ePn, 08 46 17.3 +2.1, ZAGS, Zajecar, 5.05 2, ePn, 08 46 16.3 +0.7, ELND, Elend, 5.10 34, P, 08 46 17.4 +1.0, GRUS, Gruza, 5.21 350, ePn, 08 46 19.2 +1.4, STON, Ston, 5.23 323, ePn, 08 46 18.4 +0.3, RBUD, Rudno, 5.23 339, ePn, 08 46 19.0 +0.8, RBLs, Lazâ#231, 5.45 340, ePn, 08 46 23.2 +1.9, BBLs, Lazâ#231, 5.45 340, ePn, 08 46 22.3 +1.0, ADGA, Divrase, 5.53 345, Pn, 08 46 23.5 +1.1, TRUS, Trudelj, 5.58 348, ePn, 08 46 24.3 +1.3, HAPS, Han Pijesak, BI, 5.78 338, ePn, 08 46 26.4 +0.6, TEKS, Tekeri, 6.06 343, ePn, 08 46 31.2 +1.6, TEKS, Tekeri, 6.06 343, ePn, 08 46 29.3 -0.3, VAE, Valuganera, 6.10 260, P, 08 46 35.1 +5.0, VAE, comp=N,1.1nm,0.5s,baz=197,slow=22,SNR=1.8, S, Sn, 08 47 46.3 +6.5, FRGS, Fruska Gora, 6.59 347, ePn, 08 46 37.8 +1.0, FRGS, Fruska Gora, 6.59 347, ePn, 08 46 36.9 +0.1, GZR, Gura Zelata, 6.65 5, P, 08 46 40.0 +2.2, BZS, Buzias, 6.85 358, P, 08 46 42.1 +1.7, ARR, Arges, 6.89 16, P, 08 46 42.1 +1.1, BLY, Blaja Luka, 6.97 331, ePn, 08 46 45.4 +3.4, ADGA, Kijevacva, 7.02 326, ePn, 08 46 44.8 +1.8, VOIR, Divrase, 7.05 18, P, 08 46 45.1 +1.0, A051A, Mrakovica, 7.30 330, ePn, 08 46 47.1 +0.5, MLR, Muntele Rosu, 7.34 22, P, 08 46 50.5 +3.3, MLR, Muntele Rosu, 7.34 22, P, 08 46 49.8 +2.6, CLR, Voineasa-Covas, 7.74 23, P, 08 46 55.6 +3.0, VRI, Vrincoiata, 7.92 25, P, 08 46 58.6 +3.5, BOJS, Bojanci, 8.38 326, ePn, 08 47 02.8 +1.4, CRES, Cersinjevec Ost, 8.55 328, ePn, 08 47 03.7 0.0, CEY, Cerknica, 8.94 324, ePn, 08 47 09.3 +0.3, SKDS, Skopska, 8.99 321, ePn, 08 47 11.8 +2.0, BRTR, Keskin Array B, 9.10 80, P, 08 47 14.7 +3.3, OBKA, Obir, 9.47 327, ePn, 08 47 24.0 +7.5, VYHS, Vyhne, 9.99 348, ePn, 08 47 26.0 +2.6, VYHS, Vyhne, 9.99 348, ePn, 08 47 16.9 +1.7, ESDC, Sonseca Array, 20.10 281, P, 08 49 34.6 +0.9, HFS, Hagfors, 22.02 349, P, 08 49 54.9 +0.8, NOA, NORSAR Array B, 23.29 347, P, 08 50 07.8 +0.4, EKA, Eskdalemuir Air, 23.63 323, P, 08 50 10.2 -0.6, TORD, Torod Ar, Bea, 31.21 221, P, 08 51 20.2 +0.9, KURBB, Kurchatov Arra, 40.96 54, P, 08 52 42.3 -0.1, MKAR, Makanchi Array, 44.02 59, P, 08 53 07.4 0.0, ZALV, Zalesovo Beam, 44.45 49, P, 08 53 09.7 -0.9, ASAR, Alice Springs, 121.10 97, PKP, PKPdf, 08 53 50.7 -2.2, FUNJ 13 09:16:02.0, 10.282N:62.51W, h5km, MW3.5, ISC 13 09:16:03.4, 1.2, 10.27N:0.05:62.51W:0.04, h75km, n22, 0:098/28, Near coast of Venezuela, Code, Station Name, A, AZ, Phase ID, Time, Res, TRN, Pointe-a-Pierr, 1.05 88, Op, ISC, h, m, s, ISC, TRP, Trinidad (W), 1.15 71, eP, 08 19 23.2 -0.9, TRN, 1.15 71, eS, 08 19 23.8 +0.2, TBH, Brigand Hill, 1.44 81, eP, 08 19 28.1 +0.4, CUMV, Cumana, UDO, 1.66 275, eP, 08 19 31.0 +0.3, CUMV, 1.66 275, eS, 08 19 32.6 +2.3, GRGF, Grenada Fort F, 1.92 23, eP, 08 19 33.2 +0.2, GRGR, Grenville, 2.03 24, eP, 08 19 35.5 -0.1, GRW, Mount Saint Ca, 2.05 24, eP, 08 19 36.4 +0.4, PCRV, Puerto La Cruz, 2.09 268, eP, 08 19 36.3 -0.1, PCRV, Puerto La Cruz, 2.09 268, eS, 08 19 37.3 +0.6, PCRV, Puerto La Cruz, 2.09 268, eS, 08 19 37.1 +0.7, GRSS, Sisters, 2.20 24, eP, 08 19 37.9 0.0, GCMP, Grenada, Carri, 2.44 26, eP, 08 19 41.0 -0.1, SVB, Belmont, 3.23 22, eP, 08 19 53.0 +1.2, SLBI, Saint Lucia, B, 4.02 22, eP, 08 19 03.6 +1.1, SLBI, 4.02 22, eS, 08 19 03.6 +1.1, BIM, Bigot, 4.45 18, eP, 08 19 47.8 -0.7, BIM, Bigot, 4.45 18, eS, 08 19 47.8 -0.7, LUEV, Luepa, 4.52 167, eP, 08 19 57.5 -1.5, LUEV, Luepa, 4.52 167, eS, 08 19 57.5 -1.5, CACV, CAICARA DEL OR, 4.80 236, eP, 08 19 10.3 +0.7, CACV, CAICARA DEL OR, 4.80 236, eS, 08 19 10.3 +0.7, BENV, Bein, 5.02 267, eP, 08 19 17.6 +0.1, BENV, Bein, 5.02 267, eS, 08 19 17.6 +0.1, TBG, Guadaloupe-3, 5.61 9, eP, 08 19 11.9 -1.2, TBG, Guadaloupe-3, 5.61 9, eS, 08 19 12.5 +1.3, BAUV, El Baul, 5.61 257, eP, 08 19 24.0 -0.4, BAUV, El Baul, 5.61 257, eS, 08 19 24.0 -0.4, BAUV, El Baul, 5.61 257, eP, 08 19 25.1 -2.3, BAUV, El Baul, 5.61 257, eS, 08 19 25.1 -2.3, ANBD, Bethesda, Anti, 6.77 6, eP, 08 19 41.0 +0.8, NOU 13 09:29:25.2, 21.95S:169.60E, h0km, MLV3.5/1, Southeast of Loyalty Islands, Southeast of Loyalty Islands, Code, Station Name, A, AZ, Phase ID, Time, Res, MARNC, Mare, Loyalty, 1.53 287, P, 08 29 52.8 -1.0, PINNC, Pines Island, 2.10 251, P, 08 30 01.0 -0.6, LIFNC, LIFOU, 2.49 298, P, 08 30 07.5 +0.5, YATNC, Mamie plateau, 2.52 267, P, 08 30 07.3 -0.1, OUENC, Ouen Island, N, 2.60 259, P, 08 30 08.4 -0.1, OZM, Mount Drumac, 2.93 267, P, 08 30 13.3 +0.1, ONTNC, Ouen Toro, 2.94 262, P, 08 30 13.2 0.0, NOUC, Port Laguerre, 3.06 267, P, 08 30 14.8 -0.1, KOUNC, Koumac, New Ca, 5.15 285, P, 08 30 44.2 +0.6, DNK 13 09:40:01.6, 2.4, 54:00N:19:67E, h15km, 156km, ML2.3, IDC 13 09:40:12.1, 1.3, 54:45N:18:70E, h0km, mbtmp3.2/5, ML2:6/5, Error ellipse: s-maj=18.0km s-min=12.0km, ISC 13 09:40:10.6:1.1, 54:52N:0:08:18.75E:0:04, h10km, n18, 0:170/24, Poland, Code, Station Name, A, AZ, Phase ID, Time, Res, BSD, Bornholm Skovb, 2.30 286, eP, 08 40 51.2 -0.9, BSD, Bornholm Skovb, 2.30 286, eS, 08 40 49.4 +0.9, BSD, Bornholm Skovb, 2.30 286, i, S, 08 41 22.2 +1.6, BSD, Bornholm Skovb, 2.30 286, IAML, 08 41 22.6, PBR, Paburge, 2.36 49, eP, 08 40 52.7 -0.4, SUW, Suwalki, 2.65 49, eP, 08 41 01.3 +0.1, PABE, Paburge, 3.16 70, eP, 08 41 06.7 +0.8, DEL, Delary, 3.39 307, i, P, 08 41 04.2 +0.8, DEL, 3.39 307, i, S, 08 41 12.7, DEL, 3.39 307, i, S, 08 41 45.1 +1.3, DEL, 3.39 307, IAML, 08 42 05.1, BJUU, Bjuv, 3.62 298, eP, 08 41 07.4 +0.7, FABU, Falkenberg, 4.22 309, i, P, 08 41 15.2 +0.4, BORAS, Boraas, 4.58 315, i, P, 08 41 21.3 +1.6, ONAU, Onsala, 4.80 310, i, P, 08 41 25.0 +2.2, MALSU, Matsushima, 5.04 312, eP, 08 41 28.7 +2.5, TJOU, Tjoers, 5.30 324, i, S, 08 42 04.0 +1.4, TJOU, Tjoers, 5.30 324, i, S, 08 42 30.5 -0.2, VRAC, Vranov, 5.39 195, Pn, 08 41 31.5 +0.5, comp=Z,1.3nm,0.3s, baz=348, slow=14, SNR=1.3, STRU, Stromstad, 6.14 320, i, P, 08 41 42.6 +1.4, HFS, Hagfors, 6.25 336, Pn, 08 41 45.1 +2.3, HFS, Hagfors, 6.25 336, S, Sn, 08 42 55.4 +1.2, comp=Z,0.2nm,0.3s, baz=188, slow=31, SNR=1.6

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Table with columns: HFS, comp=Z,0.3nm,0.2s, baz=157, slow=30, SNR=2.3, Lg, Lg, 08 43 26.4, NOA, NORSAR Array B, 7.67 331, Pn, Pn, 08 42 02.3 +0.1, NOA, NORSAR Array B, 7.67 331, S, Sn, 08 43 25.8 -3.3, FINES, FINES Array, 7.95 26, Pn, Pn, 08 42 08.2 +2.2, FINES, FINES Array, 7.95 26, S, Sn, 08 43 35.0 -0.9, FINES, comp=Z,0.3nm,0.3s, baz=207, slow=29, SNR=5.5, Lg, Lg, 08 44 18.3, ARCES, ARCES Array B, 15.38 9, Pn, Pn, 08 43 43.9 -3.5, NNC 13 09:55:28.9:0.5, 47:37N:82:12E, h4km, 5km, mb4.3, mp3.9, Error ellipse: s-maj=4.4km s-min=3.6km az=163.0, SOME 13 09:55:28.6, 47:37N:81:77E, h4km, ASRS 13 09:55:43.1:0.6, 48:14N:8:2E, h9km, MLh3.77, Error ellipse: s-maj=9.5km s-min=6.2km az=136.3, confirmed, ISC 13 09:55:29.4:1.0, 47:25N:0:02:81.76E:0:02, h11km, gkm, n174, 0:201/15, 25C-16D, Eastern Kazakhstan, Code, Station Name, A, AZ, Phase ID, Time, Res, MAKZ, Makanchi, 0.57 161, Op, ISC, h, m, s, ISC, MAKZ, Makanchi, 0.57 161, Pn, 08 55 40.8 -1.4, MAKZ, 156nm,0.2s, S, Sn, 08 55 49.2 +4.4, MK05, Makanchi Array, 0.58 141, P, 08 55 40.8 -1.0, MK05, 0.58 141, P, 08 55 49.1 -1.0, MK31, Makanchi Array, 0.58 141, P, 08 55 40.6 -0.2, MK31, 0.58 141, P, 08 55 49.0 -1.1, MK09, Makanchi Array, 0.59 143, P, 08 55 41.2 -0.7, MK09, 0.59 143, P, 08 55 49.4 -0.9, MK04, Makanchi Array, 0.60 142, P, 08 55 49.1 -1.0, MK04, 0.60 142, P, 08 55 49.6 -1.1, MK01, Makanchi Array, 0.61 142, P, 08 55 41.1 -1.0, MK01, 0.61 142, P, 08 55 49.6 -1.1, MK06, Makanchi Array, 0.61 142, P, 08 55 41.0 -0.3, MK06, 0.61 142, P, 08 55 49.4 +0.1, MK02, Makanchi Array, 0.61 142, P, 08 55 41.2 -1.0, MK02, 0.61 142, P, 08 55 49.7 -1.1, MK03, Makanchi Array, 0.61 142, P, 08 55 41.2 -1.0, MK03, 0.61 142, P, 08 55 49.8 -1.0, MK08, Makanchi Array, 0.61 144, P, 08 55 41.4 -0.8, MK08, 0.61 144, P, 08 55 50.0 -0.5, MK07, Makanchi Array, 0.63 142, P, 08 55 41.4 -1.0, MK07, 0.63 142, P, 08 55 50.0 +1.1, ZSN, Zaisan, 2.12 84, P, 08 56 04.4 -0.5, ZSN, 42nm,0.2s, Lg, Lg, 08 56 30.2, ZSN, 150nm,0.5s, 2.12 84, eP, 08 56 30.2, ZSN, 28nm,0.4s, eS, Sn, 08 56 28.6 -2.7, KAPS, Kapalarasan, 2.58 221, P, 08 56 19.6 +0.8, KAPS, 23nm,0.3s, Lg, Lg, 08 56 56.2, KAPS, 102nm,0.1s, 2.58 221, P, 08 56 19.6 +0.8, KAPS, Kapalarasan, 23nm,0.3s, S, P, 08 56 56.2 +4.0, DJR, Jarkent, 3.23 206, P, 08 56 31.6 +0.3, DJR, 9.7m,0.3s, Lg, Lg, 08 57 16.6, DJR, 22nm,0.4s, 3.23 206, eP, 08 56 31.6 +0.3, DJR, 9.7m,0.3s, eS, P, 08 57 16.6 +3.5, TDK, Taldyqorghon, 3.24 227, P, 08 56 30.6 -1.0, TDK, 64nm,0.1s, Lg, Lg, 08 57 14.8, TDK, 139nm,0.3s, 3.24 227, eP, 08 56 30.6 -1.0, TDK, 64nm,0.1s, eS, P, 08 56 30.6 +1.4, SEM, Semipalatinsk, 3.31 343, P, 08 56 27.1 -1.2, SEM, 30nm,0.3s, Lg, Lg, 08 57 09.2, SEM, 148nm,0.3s, 3.31 343, eP, 08 56 28.2 -0.1, SEM, 25nm,0.3s, eS, P, 08 57 11.7 -4.2, SEM, 113nm,0.2s, 3.99 329, i, P, 08 56 32.7 +2.1, KURBB, Kurchatov Arra, 3.99 329, P, 08 56 41.8 +2.0, KURBB, 2.3nm,0.3s, P, P, 08 57 38.9, KURBB, 8.4nm,0.3s, P, P, 08 57 38.9, ARXS, Arharly, 4.10 224, P, 08 56 46.8 -1.2, ARXS, 11nm,0.4s, Lg, Lg, 08 57 43.1, ARXS, 64nm,0.4s, 4.10 224, eP, 08 56 46.8 -1.2, ARXS, Arharly, 11nm,0.4s, eS, S, 08 57 43.1 +2.0, UKR, Ust-Kan, 4.19 27, P, 08 56 33.7 +0.3, UKR, 3.5nm,0.4s, P, P, 08 56 40.9 -2.3, UKR, 3.5nm,0.4s, S, Sn, 08 57 21.6 -0.7, PDGK, Podgornoye, 4.24 203, P, 08 56 50.0 -0.6, PDGK, 9.2nm,0.6s, Lg, Lg, 08 57 48.2, PDGK, Podgornoye, 4.24 203, P, 08 56 38.2 -5.8, PDGK, 11nm,0.8s, P, P, 08 57 50.4, KPKS, Kokpek, 4.36 211, P, 08 56 53.2 +0.2, KPKS, 37m,0.9s, Lg, Lg, 08 57 53.4, KPKS, 43nm,0.5s, 4.36 211, eP, 08 56 53.1 +0.2, KPKS, 11nm,0.2s, eS, S, 08 57 53.4 +3.9, SHLS, Shalkode, 4.41 202, P, 08 56 52.0 -1.8, SHLS, 42nm,0.4s, Lg, Lg, 08 57 51.7, SHLS, 14nm,0.4s, 4.41 202, eP, 08 56 52.0 -1.8, SHLS, 12nm,0.4s, eS, S, 08 57 51.7 +0.9, KURS, Kuram, 4.54 215, P, 08 56 55.9 -0.3, KURS, 6.8nm,0.6s, Lg, Lg, 08 57 58.5, KURS, 21nm,0.6s, 4.54 215, eP, 08 56 55.9 -0.3, KURS, 6.8nm,0.6s, eS, S, 08 57 58.5 +3.5, UZB, Uzynbulak, 4.54 206, P, 08 56 56.2 -0.1, UZB, 21nm,0.6s, Lg, Lg, 08 57 58.9, UZB, 5.5nm,0.3s, Lg, Lg, 08 57 58.9, UZB, 21nm,0.4s, 4.54 206, eP, 08 56 56.2 -0.1, UZB, 5.5nm,0.3s, eS, S, 08 57 58.9 +3.7, ZHN, Zhishike, 4.71 211, P, 08 56 58.9 -0.7, ZHN, 8.7m,0.2s, Lg, Lg, 08 58 03.4, ZHN, 26nm,0.3s, 4.71 211, eP, 08 56 58.9 -0.7, ZHN, 8.7m,0.2s, eS, S, 08 58 03.4 +2.8, CHKK, Chushkaly, 4.77 226, P, 08 56 59.5 -1.3, CHKK, 4.8nm,0.2s, Lg, Lg, 08 58 04.7, CHKK, 26nm,0.2s, 4.77 226, eP, 08 56 59.5 -1.3, CHKK, 4.8nm,0.2s, P, P, 08 56 59.5 -1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHKK, SATY, AKAR, KTBS, KUU, CUR, MDOK, ULGR, TNSS, KRBS, MTBS, ARTR, BTLS, DGS, KST, YALR, TKM2, SGDS, ELT, TEL, ZAAO, MRKS, KK31, BVAO, BRVK, IUG, ZAAO, MRKS, KK31, BVAO, BRVK, IUG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, URZ, STKA, ASAR, WRA, QSPA, HFS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMAI, H08S1, H08S2, H08S3, H04N1, H04N3, CMAR, H01W3, H01W2, H01W1, ASAR, WRA, KURB, BVAR, GSPA, ESDC, PDAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, URZ, WRA, ASAR, GSPA, TXAR, SNA.

CRSC 13 10:20:42.9, 1.4, 53.10N; 160.05E, h58km, 10km, M4.6, Felt [I] at kordon Cape Nalichevo, Petropavlovsk, HMS Semyachik. NEIC 13 10:20:46.1, 0.5, 33.0N; 02:159:5E, 0.2, h76km, gkm, mb4.0/24, Error ellipse: s-maj=25.1km s-min=11.6km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN, NLC, SDLR, UGLR, INSR, DALK, AVH, KRER, PET, KRX, KIL, KRMR, KRMF, MTRV, GRL, GNL, PEAOB, PETK, KRX, ASAK, APC, KDR, KTR, TUMR, TUMR, KMN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BZP, BZMR, KIRR, KPT, BZGR, BZWR, ESO, ZLN, CIRR, KRKR, SRDR, BZWR, KRBG, SMKR, BKI, MA2, JKA, ASAJ, BILL, ERIM, JTM, JTM, JSD, JSD, K15K, K15K, MJB9, MAJO, MJAR, N15K, TIXI, H17K, H17K, J17K, J17K, E18K, E18K, C18K, M17K, M17K, H18K, H18K, J19K, J20K, B21K, B21K, KDAK, KRSR, E22K, E22K, IL31, ILAR, SONM, SONM, HYT, HYT, H11N2, H11N3, H11N1, H11S1, H11S3, H11S2, YKA, SPITS, KURK, KURK, KURB, MKAR, BVAR, ARCES, ARCES, NVAR, PDAR, ULM, CMAR, FINEA, FINEA, FINEA, NOA, HFS, SCHO, TXAR, EKA, WRA, ASAR, MMAI.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sonseca Array, QSPA South Pole Qui, PLCA Paso Flores.

ADC 13 10:22:59.4,0.6,15.053:66.93E,h0km,mb3.9/18, mbtmp3.9/18,MS4,2/20, Error ellipse: s-maj=19.1km s-min=18.9km az=56.0

NEIC 13 10:23:01.8,1.8,15.15:1.01:66.54E:0.05,h10km,1km, mb4.6/25. Error ellipse: s-maj=20.7km s-min=7.5km az=171.0

GCMT 13 10:23:03.0,0.2,15.035:02.66:82E:0.02,h12km, MW5.0/90, Moment Tensor Solution. s35,c46; s90,c134; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=3.62z.09; Mw1.46z.10; Mw2.16z.10; Mw=1.01z.38; Mw=1.50z.08; Mw=0.67z.35; Best double couple: M03.68700x10^16 NP1=136.00000,654.00000,-1.96.00000. NP2: 0.327.00000,6.36.00000,-1.82.00000. Principal axes: T 3.5360, Az=250.0000; N 0.3020, Az=175.0000; P 3.8390, Az=80.0000. Azm22.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 10:23:01.2,0.5,15.075:0.10:66.70E:0.09,h10km,n78, 1253/52,mb4.1/28,MS4,3/20,4, Mid-Indian Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOR Torodi Ara, ZALV Zalesovo Beam, VNA2 Neumayer-Watz, etc.

ISC 13 10:42:41.7,1.8,1.04N:123.79E,h0km,mb3.3/3, mbtmp3.4/4,ML3.3/1, Error ellipse: s-maj=133.5km s-min=25.0km az=65.0, Minahassa Peninsula, Sulawesi

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

LVSN 13 10:49:32.3,3.8,57.21N:23.81E,h0km,73km,ML1.9 HEL 13 10:49:27.5,0.2,61.09N:30.11E,h0km,ML1.8, Explosion,Finland-Karelia border region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUF Ruokolahti, VJF Virojoki, VJF Joensuu, etc.

UPP 13 10:59:52.3,3.5,47.12N:18.71E,h0km,ML2.2 IDC 13 10:59:57.3,1.3,54.53N:18.87E,h0km,mbtmp3.3/5, ML2.7/4, Error ellipse: s-maj=18.3km s-min=12.0km az=101.0

DNK 13 11:00:01.2,1.3,54.69N:18.23E,h12km,ML2.1 ISC 13 10:59:58.1,2.1,54.55N:0.09:18.49E:0.09,h10km,n27, 009295,Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSD Bornholm Skovb, BSR Bornholm Skovb, BSB Bornholm Skovb, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VXJU Vaexsjoe, VXJU Vaexsjoe, DEL Delary, etc.

BGR 13 11:09:37.7,52.35N:152.29E,h33km,mb6.9,MB_BB7.2, MS5.7

KRSC 13 11:20:40.9,52.53N:153.87E,h499km,16km,Mc6.3,ML0.0, Fault [I] at kordon Krnokki, [II] at Severo-Kurilsk, kordon Uron; [III] at Pionerskiy, Petropavlovsk, Ust-Kamchatsk, Nikolskoe; [IV] at HMS Semyachik, cape Afrika, Yuzhno-Kurilsk, Goryachii Plyazh.

MOS 13 11:10:21.6,0.8,52.75N:153.44E,h473km,mb6.4/131, MS5.77, Error ellipse: s-maj=4.9km s-min=3.6km az=86.7 Broadband fault plane solution: P waves. s177,c489; s170,c360; 0.359.00000,0.876.00000,-1.48.00000. NP2: 0.104.00000,0.844.00000,-1.159.00000. Principal axes: T P19.00000, Azm59.00000; N P14.00000, Azm166.00000; P P143.00000, Azm310.00000.

BUJ 13 11:10:21.1,0.2,57.77N:153.53E,h470km,mb6.4/92, mb6.5/82

NEIC 13 11:10:22.4,1.5,52.86N:153.23E:0.11,h461km,1km, mb6.4/636,Mwb6.7/115,Mwv6.7/89, Error ellipse: s-maj=13.9km s-min=7.0km az=257.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.65; Mw0.33; Mw0.32; Mw=0.06; Mw=0.74; Mw=0.96; Fault plane solution: M0.13400x10^19 NP1=348.12000, 0.72.53000,-1.57.14000. NP2=103.05000,0.836.75000, -1.149.88000. Principal axes: T 1.3036, P19.00000, Azm54.00000; N 0.0639, P19.00000, Azm17.00000; P -1.3675, P19.00000, Azm36.00000.

NEIC 13 11:10:23.1,52.66N:153.58E,h480km, Moment Tensor Solution. Duration: 11s2 Moment tensor: Scale 10^19Nm; Mr=0.54; Mw0.26; Mw0.29; Mw=0.12; Mw=0.85; Mw=0.87; Fault plane solution: M0.13000x10^19 NP1: 0.351.30000,0.873.47000,-1.48.88000. NP2=99.95000, 0.82.85000,-1.155.28000. Principal axes: T 1.2968, P18.00000, Azm53.00000; N 0.0123, P18.00000, Azm158.00000; P -1.3092, P18.00000, Azm302.00000.

IPG 13 11:10:23.0,52.86N:153.38E,h478km,Mw6.7, Fault plane solution: NP1=348.00000,0.72.00000, -1.51.00000. NP2=100.00000,0.842.00000, -1.152.00000.

NEIC 13 11:10:23.5,52.85N:153.23E,h475km, Moment Tensor Solution. Duration: 11s2 Moment tensor: Scale 10^19Nm; Mr=0.54; Mw0.26; Mw0.29; Mw=0.12; Mw=0.85; Mw=0.87; Fault plane solution: M0.13000x10^19 NP1: 0.351.30000,0.873.47000,-1.48.88000. NP2=99.95000, 0.82.85000,-1.155.28000. Principal axes: T 1.2968, P18.00000, Azm53.00000; N 0.0123, P18.00000, Azm158.00000; P -1.3092, P18.00000, Azm302.00000.

IPG 13 11:10:23.0,52.86N:153.38E,h478km,Mw6.7, Fault plane solution: NP1=348.00000,0.72.00000, -1.51.00000. NP2=100.00000,0.842.00000, -1.152.00000.

NEIC 13 11:10:23.5,52.85N:153.23E,h475km, Moment Tensor Solution. Duration: 11s2 Moment tensor: Scale 10^19Nm; Mr=0.54; Mw0.26; Mw0.29; Mw=0.12; Mw=0.85; Mw=0.87; Fault plane solution: M0.13000x10^19 NP1: 0.351.30000,0.873.47000,-1.48.88000. NP2=99.95000, 0.82.85000,-1.155.28000. Principal axes: T 1.2968, P18.00000, Azm53.00000; N 0.0123, P18.00000, Azm158.00000; P -1.3092, P18.00000, Azm302.00000.

ISC 13 11:10:23.0,0.2,52.71N:153.38E:0.02,h471km,1km, h471km,pP-N,3074,0151/3895,mb6.4/659,208C-189D, Northwest of Kuril Islands

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

KDTR	Khodutka, Kamc	3.02 106 eP	P	11 11 29.1 -2.7	comp=N,93um,11.0s	MLR	MLR	
KDTR	Khodutka, Kamc	3.02 106 eS	P	11 12 28.8 -4.9	comp=N,161um,9.0s			
KDTR	Khodutka, Kamc	3.02 106 PN	P	11 11 29.0 -2.7				
INSR	Institute	3.18 82 eP	P	11 12 22.8 -4.9	Bering	7.83 66 eP	P	
INSR	Institute	3.18 82 eS	P	11 11 31.7 -1.1	BKI	7.83 66 eS	P	
INSR	Institute	3.18 82 PN	P	11 12 28.7 -1.2	BKI	7.83 66 PN	P	
INSR	Institute	3.18 82 S	P	11 11 31.7 -1.1	BKI	7.83 66 S	P	
PET	Petrov Pavlovsk	3.21 82 eP	P	11 12 28.6 -1.2	UGL	Uglegorsk	8.03 248c /PN	P
PET	Petrov Pavlovsk	3.21 82 eS	P	11 11 31.7 -1.4	UGL		Pmax	
PET	Petrov Pavlovsk	3.21 82 P	P	11 11 31.7 -1.4	UGL	comp=Z,55um,0.8s	Pmax	
PET	Petrov Pavlovsk	3.21 82 eP	P	11 11 31.6 -1.4	UGL	comp=E,99um,3.5s	Pmax	
PET	Petrov Pavlovsk	3.21 82 eS	P	11 11 31.6 -1.4	UGL	comp=N,47um,2.5s	Pmax	
PET	Petrov Pavlovsk	3.21 82 PN	P	11 11 31.6 -1.4	UGL	comp=Z,121um,4.0s	Pmax	
PET	Petrov Pavlovsk	3.21 82 P	P	11 11 31.7 -1.4	UGL	comp=E,712um,8.0s	Pmax	
PET	comp=Z,50um,0.8s		Pmax		UGL	comp=N,243um,6.0s	Pmax	
PET	comp=N,52um,1.0s		Smax	Smax	UGL	comp=E,18um,1.5s	Pmax	
PET	comp=E,58um,1.0s		Smax	Smax	KUR	comp=N,6um,1.0s	Smax	
PET	comp=Z,244um,11.0s		MLR	MLR	KUR	Kuril'sk	8.32 208c /PN	P
PET	comp=Z,289um,9.0s		MLR	MLR	KUR	Kuril'sk	8.32 208c /P	P
PET	Petrov Pavlovsk	3.21 82 P	P	11 11 31.8 -1.2	KUR	comp=N,3um,0.5s	Pmax	
KOK	Koryaka	3.23 78 eP	P	11 11 32.6 -0.7	KUR	comp=Z,16um,0.5s	Pmax	
KOK	Koryaka	3.23 78 PN	P	11 11 32.6 -0.7	KUR	comp=N,55um,6.4s	Pmax	
KRX	Arik	3.25 76 eP	P	11 11 32.6 -1.0	KUR	comp=Z,121um,6.5s	Pmax	
KRX	Arik	3.25 76 PN	P	11 11 32.5 -1.0	KUR	comp=N,269um,12.3s	Pmax	
DALK	Dainy	3.27 82 eP	P	11 11 32.0 -1.5	KUR	comp=E,144um,9.2s	Pmax	
DALK	Dainy	3.27 82 eS	P	11 12 28.7 -2.3	KUR	comp=N,8um,0.6s	Smax	
DALK	Dainy	3.28 82 PN	P	11 12 28.7 -2.3	KUR	comp=E,10um,0.6s	Smax	
AVH	Avacha	3.28 78 eP	P	11 11 32.8 -0.9	KUR	comp=Z,39um,11.0s	MLR	
AVH	Avacha	3.28 78 eS	P	11 12 30.6 -0.8	OSSR	Ossora	8.50 36 eP	P
AVH	Avacha	3.28 78 PN	P	11 12 30.6 -0.8	OSSR	Ossora	8.50 36 eS	P
AVH	Avacha	3.28 78 S	P	11 12 30.6 -0.8	OSSR	Ossora	8.50 36 PN	P
KRER	Koryakskii	3.30 78 eP	P	11 11 32.9 -1.0	OSSR	Ossora	8.50 36 S	P
KRER	Koryakskii	3.30 78 PN	P	11 11 32.9 -1.0	YSS	Yuzh-Sakhalins	8.96 234 P	P
SMAR	Somma	3.32 78 eP	P	11 11 33.1 -1.1	YSS	Yuzh-Sakhalins	8.96 234 P	P
SMAR	Somma	3.32 78 PN	P	11 11 33.1 -1.1	YSS	Yuzh-Sakhalins	8.96 234 P	P
UGLF	Uglovaya	3.33 79 eP	P	11 12 30.6 -0.8	YSS	Yuzh-Sakhalins	8.96 234 /PN	P
UGLF	Uglovaya	3.33 79 PN	P	11 11 33.2 -0.9	YSS	Yuzh-Sakhalins	8.96 234 eP	P
SDLR	Sedlovina	3.37 78 eP	P	11 11 33.2 -1.2	YSS	Yuzh-Sakhalins	8.96 234 eS	P
SDLR	Sedlovina	3.37 78 PN	P	11 11 33.2 -1.2	YSS	Yuzh-Sakhalins	8.96 234 S	P
NLC	Nalychchevo	3.64 80 eS	P	11 12 32.3 -3.0	YSS	comp=Z,10um,0.7s	Pmax	
Kil	Karymskiy	3.87 68 eP	P	11 11 37.8 -0.6	YSS	comp=Z,89um,9.9s	Pmax	
Kil	Karymskiy	3.87 68 PN	P	11 11 37.7 -0.6	YSS	comp=N,103um,6.1s	Pmax	
SPN	Mys Shipunski	4.04 82 eP	P	11 11 36.8 -2.9	YSS	comp=N,7.0nm,2.4s	Smax	
SPN	Mys Shipunski	4.04 82 PN	P	11 11 36.7 -2.9	YSS	comp=E,4.0nm,1.5s	Smax	
ESo	Esso	4.48 42 eP	P	11 11 43.9 +0.5	YSS	comp=N,32um,6.0s	Smax	
ESo	Esso	4.48 42 eS	P	11 12 48.3 -0.9	YSS	comp=N,370um,6.0s	Smax	
ESo	Esso	4.48 42 PN	P	11 14 39.0 +0.5	YSS	comp=E,8um,0.6s	Pmax	
TUMR	Tumrok	4.75 54 eP	P	11 11 45.5 -0.6	YSS	comp=Z,57um,0.6s	Pmax	
TUMR	Tumrok	4.75 54 PN	P	11 11 45.4 -0.6	YSS	comp=N,5um,0.7s	Pmax	
TUMD	Tumrok D	4.84 56 eP	P	11 11 46.9 +0.1	YSS	comp=N,14um,0.5s	Pmax	
TUMD	Tumrok D	4.84 56 PN	P	11 12 54.4 -0.8	YSS	comp=N,14um,0.5s	Pmax	
KMNR	Kamenistaya	5.04 50 eP	P	11 11 49.1 +0.4	YSS	comp=N,1.4um,0.7s	Pmax	
KMNR	Kamenistaya	5.04 50 PN	P	11 11 49.1 +0.4	YSS	comp=N,1.4um,0.7s	Pmax	
KOZ	Kozyrevsk	5.06 46 eP	P	11 12 59.7 +0.7	YSS	comp=N,165um,1.9s	Smax	
KOZ	Kozyrevsk	5.06 46 eS	P	11 11 49.1 +0.3	YSS	comp=E,166um,1.8s	Smax	
KOZ	Kozyrevsk	5.06 46 PN	P	11 11 49.1 +0.3	YSS	comp=E,2um,0.4s,baz=166,slo=9.4,SNR=648	S	
KPT	Kopyto	5.16 48 eP	P	11 11 48.5 -1.3	YSS	comp=E,489nm,1.0s,baz=352,slo=17,SNR=1.2	S	
KPT	Kopyto	5.16 48 PN	P	11 11 48.5 -1.3	YSS	comp=N,14um,0.5s	Pmax	
SRDR	Sredinnyy	5.16 43 eP	P	11 11 49.5 -0.3	YSS	comp=N,14um,0.5s	Pmax	
SRDR	Sredinnyy	5.16 43 PN	P	11 11 49.4 -0.3	YSS	comp=N,14um,0.5s	Pmax	
KIRR	Kirishev	5.21 49 eP	P	11 11 50.3 -0.1	YSS	comp=N,165um,1.9s	Smax	
KIRR	Kirishev	5.21 49 eS	P	11 11 50.2 -0.1	YSS	comp=N,165um,1.9s	Smax	
KIRR	Kirishev	5.21 49 PN	P	11 13 00.6 -1.2	YSS	comp=N,165um,1.9s	Smax	
BZMR	Bezymyannaya	5.26 49 eP	P	11 11 49.7 -1.2	YSS	comp=N,165um,1.9s	Smax	
BZMR	Bezymyannaya	5.26 49 PN	P	11 11 49.7 -1.2	YSS	comp=N,165um,1.9s	Smax	
BZP	Bezymyannii-Pe	5.27 50 eP	P	11 11 49.9 -1.0	YSS	comp=N,165um,1.9s	Smax	
BZGR	Bezymyannii-Gr	5.36 50 eP	P	11 11 51.0 -0.5	YSS	comp=N,165um,1.9s	Smax	
BZGR	Bezymyannii-Gr	5.36 50 eS	P	11 13 04.0 -0.5	YSS	comp=N,165um,1.9s	Smax	
BZGR	Bezymyannii-Gr	5.36 50 PN	P	11 11 51.7 -0.8	YSS	comp=N,165um,1.9s	Smax	
BZGR	Bezymyannii-Gr	5.36 50 S	P	11 13 03.9 -0.5	YSS	comp=N,165um,1.9s	Smax	
LGNR	Loginova	5.44 49 eP	P	11 11 52.0 -0.8	YSS	comp=N,165um,1.9s	Smax	
LGNR	Loginova	5.44 49 PN	P	11 11 51.9 -0.8	YSS	comp=N,165um,1.9s	Smax	
ZLN	Zelenaya	5.46 50 eP	P	11 11 57.9 -0.9	YSS	comp=N,165um,1.9s	Smax	
ZLN	Zelenaya	5.46 50 PN	P	11 11 57.9 -0.9	YSS	comp=N,165um,1.9s	Smax	
KRSR	Krestovskiy	5.46 47 eP	P	11 11 51.2 -1.5	YSS	comp=N,165um,1.9s	Smax	
KRSR	Krestovskiy	5.46 47 PN	P	11 11 51.2 -1.5	YSS	comp=N,165um,1.9s	Smax	
CIRR	Tsirik	5.49 49 eP	P	11 11 52.0 -1.0	YSS	comp=N,165um,1.9s	Smax	
CIRR	Tsirik	5.49 49 PN	P	11 11 52.0 -1.0	YSS	comp=N,165um,1.9s	Smax	
KLY	Klyuchi	5.56 47 eP	P	11 11 54.1 +0.6	YSS	comp=N,165um,1.9s	Smax	
KLY	Klyuchi	5.56 47 eS	P	11 11 54.1 +0.6	YSS	comp=N,165um,1.9s	Smax	
KLY	Klyuchi	5.56 47 PN	P	11 13 08.8 +1.1	YSS	comp=N,165um,1.9s	Smax	
KLY	Klyuchi	5.56 47 S	P	11 13 08.8 +1.1	YSS	comp=N,165um,1.9s	Smax	
TIGL	Tigil	5.89 29 eP	P	11 11 58.0 +1.2	YSS	comp=N,165um,1.9s	Smax	
TIGL	Tigil	5.89 29 PN	P	11 11 57.9 +1.2	YSS	comp=N,165um,1.9s	Smax	
BDR	Baidarnaya	5.96 47 eP	P	11 11 56.7 -0.9	YSS	comp=N,165um,1.9s	Smax	
BDR	Baidarnaya	5.96 47 PN	P	11 11 56.7 -0.9	YSS	comp=N,165um,1.9s	Smax	
SMKR	Semkarok	6.09 47 eP	P	11 11 57.5 -1.4	YSS	comp=N,165um,1.9s	Smax	
SMKR	Semkarok	6.09 47 PN	P	11 11 57.4 -1.4	YSS	comp=N,165um,1.9s	Smax	
OKH	Okna	6.35 282c /PN	P	11 12 03.3 +1.5	YSS	comp=N,165um,1.9s	Smax	
OKH	Okna	6.35 282c /S	P	11 13 23.6 +1.6	YSS	comp=N,165um,1.9s	Smax	
OKH	comp=Z,38um,13.1s		Pmax		YSS	comp=N,165um,1.9s	Smax	
OKH	comp=N,526um,7.9s		Smax	Smax	YSS	comp=N,165um,1.9s	Smax	
OKH	comp=E,331um,8.9s		Smax	Smax	YSS	comp=N,165um,1.9s	Smax	
OKH	comp=Z,23um,10.0s		MLR	MLR	YSS	comp=N,165um,1.9s	Smax	
OKH	comp=N,49um,9.0s		MLR	MLR	YSS	comp=N,165um,1.9s	Smax	
OKH	comp=E,43um,8.0s		MLR	MLR	YSS	comp=N,165um,1.9s	Smax	
KBG	Krutoberegovo	6.49 53 eP	P	11 12 00.4 -2.4	JRA	Rausu	10.35 215 P	P
KBG	Krutoberegovo	6.49 53 eS	P	11 12 00.4 -2.4	JRA	Rausu	10.35 215 eP	P
KBG	Krutoberegovo	6.49 53 PN	P	11 12 00.3 -2.4	JRA	Rausu	10.35 215 eS	P
KBG	Krutoberegovo	6.49 53 S	P	11 12 00.4 -2.4	JRA	Rausu	10.35 215 PN	P
KBTR	Krutoberegovo	6.52 54 eP	P	11 11 59.3 -3.8	JRA	Rausu	10.35 215 S	P
KBTR	Krutoberegovo	6.52 54 PN	P	11 11 59.2 -3.8	JRA	Rausu	10.35 215 S	P
TYV	Tymovskoe	6.91 259 eP	P	11 12 02.2 +1.1	JRA	Rausu	10.35 215 S	P
TYV	Tymovskoe	6.91 259 eS	P	11 12 03.3 +3.7	JRA	Rausu	10.35 215 S	P
TYV	Tymovskoe	6.91 259 PN	P	11 12 10.2 +3.1	JRA	Rausu	10.35 215 S	P
TYV	Tymovskoe	6.91 259 S	P	11 13 32.3 -0.3	JRA	Rausu	10.35 215 S	P
TYV	comp=Z,91um,2.2s		Pmax	Pmax	JRA	Rausu	10.35 215 S	P
TYV	comp=Z,21um,1.0s		Pmax	Pmax	JRA	Rausu	10.35 215 S	P
TYV	comp=N,7um,1.6s		Smax	Smax	JRA	Rausu	10.35 215 S	P
TYV	comp=E,5um,1.6s		Smax	Smax	JRA	Rausu	10.35 215 S	P
TYV	comp=N,342um,6.4s		Smax	Smax	JRA	Rausu	10.35 215 S	P
MA2	Magadan	7.03 349 P	P	11 12 08.7 +0.4	JRA	Rausu	10.35 215 S	P
MA2	Magadan	7.03 349 P	P	11 12 08.2 0.0	JRA	Rausu	10.35 215 S	P
MA2	Magadan	7.03 349 P	P	11 12 09.0 +0.8	JRA	Rausu	10.35 215 S	P
MA2	comp=E,4um,0.7s,baz=153,slo=10,SNR=178		S	11 13 36.3 +1.6	JRA	Rausu	10.35 215 S	P
MA2	comp=E,3um,1.1s,baz=195,slo=23,SNR=17		ScP	11 20 45.1 -0.8	JRA	Rausu	10.35 215 S	P
MA2	comp=E,45nm,0.7s,baz=112,slo=4.0,SNR=49		ScP	11 12 08.8 +0.6	JRA	Rausu	10.35 215 S	P
MA2	Magadan	7.03 349 P	P	11 12 08.8 +0.6	JRA	Rausu	10.35 215 S	P
MA2	Magadan	7.03 349 PN	P	11 12 08.0 +0.4	JRA	Rausu	10.35 215 S	P
MA2	Magadan	7.03 349 P	Pmax	Pmax	JRA	Rausu	10.35 215 S	P
MA2	comp=Z,8um,1.3s		P	11 12 09.0 +0.8	JRA	Rausu	10.35 215 S	P
PALN	Palana	7.38 27 eP	P	11 12 12.4 +0.5	JRA	Rausu	10.35 215 S	P
PALN	Palana	7.38 27 eS	P	11 13 42.1 +0.7	JRA	Rausu	10.35 215 S	P
PALN	Palana	7.38 27 PN	P	11 12 12.3 +0.5	JRA	Rausu	10.35 215 S	P
PALN	Palana	7.38 27 S	P	11 13 42.0 +0.7	JRA	Rausu	10.35 215 S	P
NKL	Nikolayevsk	7.69 278 ePN	P	11 12 17.3 +2.1	JRA	Rausu	10.35 215 S	P
NKL	comp=N,21um,1.0s		Pmax	Pmax	JRA	Rausu	10.35 215 S	P
NKL	comp=E,17um,1.0s		Pmax	Pmax	JRA	Rausu	10.35 215 S	P
NKL	comp=Z,43um,1.0s		Smax	Smax	JRA	Rausu	10.35 215 S	P
NKL	comp=E,147um,10.0s		MLR	MLR	JRA	Rausu	10.35 215 S	P
NKL	comp=N,21um,1.0s		MLR	MLR	JRA	Rausu	10.35 215 S	P
NKL	comp=N,21um,1.0s		MLR	MLR	JRA	Rausu	10.35 215 S	P
NKL	comp=N,21um,1.0s		MLR	MLR	JRA	Rausu	10.35 215 S	P
NKL	comp=N,21um,1.0s		MLR	MLR	JRA	Rausu	10.35 215 S	P

13d 11h

Table with columns for call sign, frequency, power, and other technical details. Includes entries like AMKA Amchitka, JYU Yuwa, JOG3 Oga3, etc.

2018 OCT

Table with columns for call sign, frequency, power, and other technical details. Includes entries like JKUC kamogawachiuir, JNT Takato, JGN Niukaw, etc.

810

Table with columns for call sign, frequency, power, and other technical details. Includes entries like TNA baz=255, M1K1K Mekoryuk, M1K1K Mekoryuk, etc.

811

2018 OCT

13d 11h

Table with columns: ID, Name, Time, Value, Unit, Status, Date, Time, Value, Unit, Status. Rows include S12K, E17K, E17K, M15K, M15K, I17K, I17K, I17K, J16K, J16K, J16K, F17K, F17K, F17K, XLT, XLT, XLT, G17K, G17K, N15K, N15K, N15K, H17K, H17K, H17K, E18K, E18K, E18K, B18K, B18K, B18K, L16K, L16K, L16K, C18K, C18K, C18K, O15K, O15K, J17K, J17K, J17K, J17K, F18K, F18K, F18K, M16K, M16K, M16K, SDPT, SDPT, SDPT, SDPT, N16K, N16K, N16K, JCJ, JCJ, JCJ, A19K, A19K, G18K, G18K, G18K, K17K, K17K, K17K, L17K, L17K, L17K, H18K, H18K, H18K, S14K, S14K, S14K, C19K, C19K, C19K, O16K, O16K, O16K, F19K, F19K, F19K, CHNA, CHNA, CHNA, P16K, P16K, P16K, P16K, M17K, M17K, M17K, D19K, D19K, D19K, G19K, G19K, G19K, G19K, GCSA, GCSA, GCSA.

Table with columns: ID, Name, Time, Value, Unit, Status, Date, Time, Value, Unit, Status. Rows include N17K, N17K, N17K, J18K, J18K, J18K, E19K, E19K, E19K, CHGN, CHGN, CHGN, CHGN, L18K, L18K, L18K, L18K, L18K, O17K, O17K, H19K, H19K, H19K, R16K, R16K, R16K, R16K, TTA, TTA, TTA, TTA, D20K, D20K, D20K, B20K, B20K, B20K, Q16K, Q16K, J19K, J19K, J19K, P17K, P17K, P17K, E20K, E20K, E20K, M18K, M18K, F20K, F20K, F20K, F20K, BJI, BJI, BJI, BJI, BJI, BJI, F20K, BJI, BJI, BJI, BJI, BJI, F20K, N18K, N18K, N18K, SVW2, SVW2, H20K, H20K, H20K, R17L, R17L, R17L, PLK4, L19K, L19K, L19K, L19K, L19K, A21K, A21K, A21K, Q17K, Q17K, I20K, I20K, I20K, O18K, O18K, O18K, O18K, P18K, P18K, P18K, J20K, J20K, J20K, J20K, C21K, C21K, M19K, M19K, M19K, M19K.

Table with columns: ID, Name, Time, Value, Unit, Status, Date, Time, Value, Unit, Status. Rows include M19K, K20K, K20K, K20K, K20K, N19K, N19K, N19K, N19K, ACHA, B21K, B21K, B21K, B21K, Q18K, L20K, L20K, L20K, E21K, E21K, E21K, A22K, A22K, G21K, G21K, G21K, O19K, O19K, O19K, F21K, F21K, F21K, CHIR, CHIR, CHIR, CHIR, H21K, H21K, H21K, H21K, IRK, IRK, IRK, M20K, M20K, M20K, M20K, B22K, B22K, B22K, R18K, R18K, R18K, ULN, ULN, ULN, ULN, D22K, D22K, D22K, CHUM, CHUM, CHUM, F22K, F22K, Q19K, Q19K, Q19K, I21K, I21K, I21K, ILSW, P19K, P19K, P19K, CAST, CAST, CAST, PPLA, PPLA, PPLA, E22K, E22K, G22K, G22K, G22K, SII, SII, SII, SII, SONM, SONM, SONM, SONM, SONM, SONM, SONM, SONM.

SOMM	comp=Z,2.3nm,1.0s,baz=204,slow=1.5,SNR=4.2	P3KP				11 48 49.7		FIS	comp=Z,2.0m,0.7s	IAmb	IAmb	11 16 05.5
H22K	comp=Z,312nm,1.0s	P	P			11 15 51.4 -0.1		BRSE	Bradley Lake S	31.00	54	P
H22K	baz=271,SNR=1000	S	S			11 20 17.0 +2.1		BRSE	baz=282,SNR=390			P
H22K	baz=271	S	S			11 20 17.0 +2.1		D24K	Happy Valley	31.00	36	P
N20K	Mount Spurr	30.02	52	P	P	11 15 51.1 -0.7		D24K	Happy Valley	31.00	36	P
N20K	baz=279,SNR=723	S	S			11 20 19.8 +4.2		NEA2	baz=268,SNR=1000			S
SPCR	Spurr Chakacha	30.02	52	P	P	11 15 51.7 -0.2		NEA2	baz=268	31.04	45	P
SPCR	baz=279,SNR=562	S	S			11 20 18.4 +2.9		NEA2	baz=276,SNR=1000	31.04	45	P
SPU	Mount Spurr	30.10	52	P	P	11 15 52.7 +0.2		C24K	Franklin Bluff	31.07	35	P
SKT	Skwentna	30.23	50	P	P	11 15 53.3 -0.3		C24K	baz=267			S
SKT	Skwentna	30.23	50	P	P	11 15 53.3 -0.3		E24K	Your Creek	31.11	38	P
SKT	baz=278,SNR=314	S	S			11 20 21.2 +2.5		E24K	Your Creek	31.11	38	P
BPAAW	Bear Paw Mtn.	30.25	46	P	P	11 15 53.4 -0.1		E24K	baz=270,SNR=1000			S
BPAAW	Bear Paw Mtn.	30.25	46	P	P	11 15 53.4 -0.1		MCK	McKinley	31.19	47	P
BPAAW	baz=275,SNR=1000	S	S			11 20 20.9 +2.0		MCK	baz=277,SNR=1000			S
OHAK	Old Harbor	30.28	60	P	P	11 15 52.1 -1.9		RC01	Rabbit Creek A	31.22	52	P
OHAK	Old Harbor	30.28	60	P	P	11 15 53.2 -0.8		RC01	Rabbit Creek B	31.22	52	P
OHAK	Old Harbor	30.28	60	P	P	11 15 52.6 -1.3		RC01	baz=281,SNR=255			S
OHAK	baz=285,SNR=537	S	S			11 20 19.1 -0.3		RND	Reindeer	31.27	47	P
TIA	Tai'an	30.28	252	P	P	11 15 53.8 -0.5		RND	Reindeer	31.27	47	P
TIA		pP	pP			11 17 12.6 -3.2		RND				pmax
TIA		S	S			11 20 19.9 -0.1		F24K	comp=Z,4um,1.0s			pmax
TIA		SS	SS			11 23 00.8 -7.7		F24K	Squaw Lake	31.34	39	P
TIA	comp=Z,2um,0.9s	pmax	pmax					F24K	comp=Z,1um,0.8s			IAmb
MLY	Manley	30.29	44	P	P	11 15 54.0 -0.1		F24K	Squaw Lake	31.34	39	P
MLY	Manley	30.29	44	P	P	11 15 53.6 -0.5		F24K	baz=272,SNR=920			S
MLY	baz=274,SNR=1000	S	S			11 20 21.3 +1.7		O22K	Cooper Landing	31.34	53	P
KTH	Kantishna Hill	30.33	47	P	P	11 15 54.5 +0.1		O22K	Cooper Landing	31.34	53	P
D23K	Nanushuk River	30.33	36	P	P	11 15 54.3 0.0		O22K	baz=282,SNR=384			S
D23K	Nanushuk River	30.33	36	P	P	11 15 54.4 0.0		PMR	Palmer	31.42	51	P
D23K	baz=267,SNR=628	S	S			11 20 21.1 +1.2		PMR	comp=Z,954nm,1.0s			IAmb
Q20K	Shuyak Island	30.41	57	P	P	11 15 54.2 -0.9		PMR	Palmer	31.42	51	P
Q20K	baz=283,SNR=370	S	S			11 20 19.9 -1.6		PMR	Palmer	31.42	51	P
SYI	Shuyak Island	30.41	57	P	P	11 15 54.1 -1.0		PMR	Palmer	31.42	51	P
C23K	Itkillik River	30.42	35	P	P	11 15 55.0 0.0		PMR	Palmer	31.42	51	P
C23K	Itkillik River	30.42	35	P	P	11 15 54.9 -0.1		PMR	Palmer	31.42	51	P
C23K	baz=265,SNR=606	S	S			11 20 22.2 +0.9		H24K	comp=Z,954nm,1.0s			pmax
COLD	Coldfoot	30.45	40	P	P	11 15 54.9 -0.5		H24K	Noodor Dome	31.43	42	P
COLD	baz=270,SNR=1000	S	S			11 20 22.9 +1.0		H24K	comp=Z,3um,1.1s			IAmb
KDAK	Kodiak Island	30.51	59	P	P	11 15 54.4 -1.6		H24K	Noodor Dome	31.43	42	P
KDAK	Kodiak Island	30.51	59	P	P	11 20 23.3 +0.4		H24K	baz=275,SNR=1000			S
KDAK	comp=Z,303nm,1.2s,baz=160,slow=21,SNR=12	ScP	ScP			11 21 37.7 0.0		H24K	baz=275			S
KDAK	comp=Z,977nm,1.1s,baz=266,slow=0.9,SNR=17	S	S			11 25 34.0 -0.8		WRH	Wood River Hill	31.47	45	P
KDAK	comp=Z,117nm,1.2s,baz=30,slow=11,SNR=18	ScS	ScS			11 15 55.3 -0.6		GHO	Glory Hole Cre	31.48	50	P
KDAK	Kodiak Island	30.51	59	P	P	11 20 24.1 +1.2		WAT1	Susitna Watana	31.48	48	P
KDAK	baz=284	S	S			11 20 24.1 +1.2		WAT1	baz=279			S
KDAK	Kodiak Island	30.51	59	P	P	11 15 54.3 -1.6		COLA	College	31.53	44	P
KDAK	Kodiak Island	30.51	59	P	P	11 15 54.0 -2.0		COLA	College	31.53	44	P
KDAK	comp=Z,4um,0.8s	pmax	pmax			11 15 54.5 -1.4		COLA	College	31.53	44	P
KDAK	Kodiak Island	30.51	59	P	P	11 18 42.8 +2.3		COLA	College	31.53	44	P
KDAK	Kodiak Island	30.51	59	P	P	11 21 39.6 +2.0		COLA	College	31.53	44	P
G23K	Bananza Creek	30.53	41	P	P	11 15 55.5 -0.6		COLA	College	31.53	44	P
G23K	Bananza Creek	30.53	41	P	P	11 15 55.5 -0.6		COLA	College	31.53	44	P
G23K	baz=271,SNR=1000	S	S			11 20 24.6 +1.4		COLA	College	31.53	44	P
GHC	Hu-ho-hao-te	30.56	264	eP	eP	11 15 56.4 -0.5		G24K	Hadweenzic Riv	31.54	41	P
HHC		pP	pP			11 17 17.3 -1.1		G24K	Hadweenzic Riv	31.54	41	P
HHC		S	S			11 18 15.0 +2.2		G24K	baz=274,SNR=1000			S
HHC		S	S			11 20 23.6 -0.9		MOY	Monday	31.55	289	eP
HHC		SS	SS			11 22 57.8 -1.6		MOY	Monday	31.55	289	eP
HHC		pmax	pmax					SEW	comp=Z,5um,1.4s			pmax
HOM	Homer	30.57	55	P	P	11 15 56.1 -0.4		SEW	Seward	31.56	54	P
HOM	Homer	30.57	55	P	P	11 15 55.9 -0.5		SEW	baz=283,SNR=306			S
HOM	baz=282,SNR=136	S	S			11 20 24.5 +0.7		CCB	Clear Creek Bu	31.57	45	P
CAPN	Captain Cook N	30.60	53	P	P	11 15 56.9 +0.2		CCB	Clear Creek Bu	31.57	45	P
CAPN	baz=282	S	S			11 20 26.8 +2.5		JMZ	Minamidaito 2	31.61	220	P
TRF	Thorofare Moun	30.62	47	P	P	11 15 56.4 -0.7		BTO	Baotou	31.65	265	eP
TRF	baz=277,SNR=1000	S	S			11 20 26.2 +1.3		BTO				pP
SUA	Susitna One	30.68	51	P	P	11 15 56.8 -0.7		BTO				pP
SUA	Susitna One	30.68	51	P	P	11 15 57.3 -0.2		BTO				pP
SUA	baz=280,SNR=185	S	S			11 20 27.4 +1.7		BTO				sP
E23K	Chandalar	30.68	38	P	P	11 15 57.6 +0.1		BTO				sP
E23K	Chandalar	30.68	38	P	P	11 15 57.3 -0.2		BTO				sP
E23K	baz=269,SNR=1000	S	S			11 20 27.6 +1.9		BTO				SS
TOLK	Toolik Lake Re	30.72	37	P	P	11 15 57.5 -0.2		BTO				SS
TOLK	Toolik Lake Re	30.72	37	P	P	11 15 57.3 -0.4		BTO				SS
TOLK	baz=268,SNR=906	S	S			11 20 26.5 +0.5		BTO				SS
ZAK	Zakamensk	30.74	286	eP	eP	11 15 59.3 +1.1		BTO				SS
ZAK	comp=Z,2um,1.2s	pmax	pmax					BTO				SS
H23K	Yukon River	30.75	43	P	P	11 15 58.0 0.0		BTO				SS
H23K	baz=273	S	S			11 20 28.2 +1.6		BTO				SS
H23K	baz=273	S	S			11 20 28.2 +1.6		BTO				SS
CUT	Chulitna	30.76	49	P	P	11 15 57.5 -0.6		BTO				SS
CUT	Chulitna	30.76	49	P	P	11 15 57.4 -0.6		BTO				SS
CUT	baz=278,SNR=689	S	S			11 20 27.4 +0.7		BTO				SS
CNPM	China Poot	30.80	55	P	P	11 15 57.1 -1.4		BTO				SS
I23K	Minto, Yukon-K	30.87	44	P	P	11 15 59.1 +0.1		BTO				SS
I23K	Minto, Yukon-K	30.87	44	P	P	11 15 58.9 -0.1		BTO				SS
I23K	baz=274,SNR=1000	S	S			11 20 29.2 +0.9		BTO				SS
I23K	baz=274	S	S			11 20 29.2 +0.9		BTO				SS
HNS	HongShan	30.88	256	uP	uP	11 15 59.5 +0.1		BTO				SS
HNS		pP	pP			11 17 28.5 -0.7		BTO				SS
HNS		S	S			11 18 18.8 +3.3		BTO				SS
HNS		S	S			11 18 42.6 +0.7		BTO				SS
HNS		ScP	ScP			11 20 30.5 +1.3		BTO				SS
HNS		ScS	ScS			11 21 40.8 +1.5		BTO				SS
HNS		pmax	pmax			11 25 35.4 -1.9		BTO				SS
BWN	comp=Z,4um,1.2s					11 16 00.2 +0.8		BTO				SS
BRLK	Bradley Lake	30.91	46	P	P	11 15 58.4 -1.2		BTO				SS
M22K	Willow	30.93	51	P	P	11 15 57.8 -1.7		BTO				SS
M22K	comp=Z,2um,1.1s					11 16 03.1		BTO				SS
M22K	baz=280,SNR=125	S	S			11 15 59.4 -0.1		BTO				SS
M22K	baz=280	S	S			11 20 29.5 +0.3		BTO				SS
FIS	Fire Island	30.98	52	P	P	11 16 00.5 +0.5		BTO				SS

								IAmb	IAmb	11 16 05.5
BRSE	Bradley Lake S	31.00	54	P	P	11 15 59.0 -1.2		IAmb	IAmb	11 16 05.5
BRSE	baz=282	</								

13d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FARO, A36M, TPUB, SKAG, WTLY, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like WTLY, CRAG, DLBC, etc.

814

Table with columns for station name, frequency, power, and other technical details. Includes stations like MK31, MKAR, MAZK, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and Time. Includes stations like BRVK Borovoye, Qiongzhong, TDK Taldyqorghon, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and Time. Includes stations like BOOM Boomskoje usch, WISH Wishkah, SGDS Segindy, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and Time. Includes stations like COR Corvallis, I02E Swisshome, KASHI Kashi, etc.

13d 11h

Table with columns for station call letters, frequency, and signal quality. Includes stations like OUL, LOF, JAN MAYEN EAST, etc.

2018 OCT

Table with columns for station call letters, frequency, and signal quality. Includes stations like FAKI, TKRD, MRSI, etc.

816

Table with columns for station call letters, frequency, and signal quality. Includes stations like SNOW, AAI, KBL, etc.

13d 11h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BKLA Karadeniz Ereo, BKDZ Palekele, BKPK Karadeniz Ereo, etc.

2018 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like FW03 Perrin-Whitt E, BR231 Keskin MP Arra, O48B Farmland, etc.

820

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like P49A Miami Univ. Erc, P49A Algeheysy Cole, HP1G Tekeris, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like DAVOX Davos/Dischmat, SKDS Skadanscina, R494 Shenlyville, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like HORT Hortiatis, KSCT Kent School, W520 Murphy, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like V53A Saluda, MAKR Makrakomi, W52A Murphy, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like CEL, GVD, ABTO, GIRL, TIGA, NHSC, Y60A, ARMA, TAOE, PABR, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like COI, SYDH, CMAH, PCAS, PCBR, KEST, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MORF, PCED, PMAN, CALA, HOR, PICO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DBIC, ATAH, BOAY, MDP, FOMA, TABATINGA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BB19B, SJJMB, MLO2, SJPBY, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JANG, Nango, ICHINOSEKI, etc.

NEIC 13 11:33:45.8±1.8, 397.36N/0.05:143.5E:0.1, h10km, 1km, mb4.6/14, Error ellipse: s-maj=14.5km s-min=8.3km az=271.0

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MIYJ, JTH, JTH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include AKASG Malin Array Be, PDAR Pinedale Array, SNAA Sanae.

NNC 13 11:49:47.0, 9.47, 44N; 79.89E, h0km, mb3.7, mpv3.6, Error ellipse: s-maj=8.1km s-min=6.8km az=41.0

SOME 13 11:49:48.2, 47.43N; 79.55E, h10km

ISC 13 11:49:50.8, 1.1, 47.20N; 0.05, 79.99E; 0.04, h10km, n22, s134/32, 3C-7D, Eastern Kazakhstan

Main table for 13d 12h section, listing station codes (MAKZ, MK31, KAPS, etc.) and their respective parameters.

IDC 13 12:02:07.4, 1.1, 31.36S; 178.24W, h0km, mb4.1/3, mbtmp4.1/4, ML4.0/1, Error ellipse: s-maj=35.8km

NEIC 13 12:02:10.0, 2.2, 31.50S; 0.07, 178.3W; 0.2, h9km, mb3km, mb4.5/14, Error ellipse: s-maj=26.8km s-min=7.6km az=103.0

ISC 13 12:02:09.9, 0.7, 31.48S; 0.08, 178.5W; 0.1, h10km, n32, s25/12/30, mb4.4/13, 5C, Kermadec Islands region

Main table for 13d 12h section, listing station codes (RAO, URZ, RTZ, etc.) and their respective parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BELA, TROLL, SNAE, SNA, VNA3, VNA2, VNA1, FINES, HFS, MMAIL, AKASG.

IDC 13 12:29:03.6, 0.8, 26.35N; 128.57E, h0km, mb4.0/16, mbtmp4.0/19, ML3.6/3, Error ellipse: s-maj=33.7km

NEIC 13 12:29:05.3, 1.5, 26.31N; 0.07, 128.84E; 0.07, h18km, 5km, mb4.5/38, Error ellipse: s-maj=10.9km s-min=8.7km az=204.0

JMA 13 12:29:05.7, 0.3, 26.4N; 0.9, 129.9E; 0.1, h33km, 4km, MV3.9/24, NEAR OKINAWAJIMA ISLAND

ISC 13 12:29:04.5, 2.1, 26.34N; 0.04, 128.94E; 0.04, h15km, 13km, n103, s196/112, mb4.4/35, Ryukyu Islands

Main table for 2018 OCT section, listing station codes (JOW, JKE, JMK, etc.) and their respective parameters.

USA08 Ussuriysk Arra 17.99 7 P P 12 33 15.2 +0.8

USRK Ussuriysk Ar. 17.99 7 P P 12 33 14.5 +0.1

USRK Ussuriysk Ar. 17.99 7 P P 12 33 16.1 +1.7

JKA Kamikawa-asahi 20.91 28 P Iamb Iamb 12 33 45.7 -0.6

SOMN Songino Array 27.81 326 P P 12 34 51.4 -1.7

SOMN Songino Array 27.81 326 P P 12 34 54.5 +1.4

MK31 Makanchi Array 41.94 312 P P 12 36 54.2 -0.4

COEN Coen 42.38 159 P Iamb Iamb 12 36 56.9 -1.5

ZAAO Zalesovo Arra 42.55 323 P P 12 36 57.8 -1.6

ZALV Zalesovo Ben 42.55 323 P P 12 36 57.8 -1.6

ZALV Zalesovo Ben 42.55 323 P P 12 36 58.2 -1.2

KURK Kurchatov 45.18 316 P Iamb Iamb 12 37 19.3 -1.3

KURB Kurchatov Arra 45.21 316 P P 12 37 19.8 -1.0

NRN Naryn 45.77 303 P Iamb Iamb 12 37 25.5 -0.3

WB0 Warrungung Arr 46.13 173 P P 12 37 28.2 -0.2

WRAB Tennant Creek 46.29 173 P Iamb Iamb 12 37 29.5 -0.2

WRA Warrungung Arr 46.30 173 P P 12 37 29.5 -0.2

WRA Warrungung Arr 46.30 173 P P 12 37 31.4 +1.7

WB2 Warrungung Arr 46.30 173 P P 12 37 29.5 -0.2

WRD Warrungung Arr 46.34 173 P Iamb Iamb 12 37 50.1

KKAR Kararay Array 49.87 305 P P 12 37 58.0 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include E24K, ILAR, F25K, F26K, J26L, J26L, BCAR, I28M, H29M, H29M, G30M, G30M, INK, INK, F31M, F31M, KBZ, ARCES, C36M, EUNU, FIAI, FINES, FINES, RES, RES, AKASG, AKB, BRTR, BRTR, HFS, NOA, BURAR, SUMG, SUMG, CLL, EKA.

RSNC 13 12:31:55.0, 0.7, N1.7x3W1, h142km, 2km, M2.0, mB6.1, ML1.8, Mw(mB)5.7, Northern Colombia

Main table for 2018 OCT section, listing station codes (BARC, BRUC, PAMC, RUSC, PUERTO, OCAC, SPBC, ZARC, NORC, CHIC, ROSC, GUYSC, PRAC, ORTC, MALC) and their respective parameters.

PRE 13 12:44:47.0, 0.9, 26.86S; 26.73E, h2km, ML2.5

ISC 13 12:44:47.1, 2.26, 26.87S; 0.04, 26.73E; 0.03, h10km, 10km, n14, s124/27, South Africa

Main table for 2018 OCT section, listing station codes (PRYS, WDLM, SWZ, SWZ, SWZ, SNKL, SNKL, MAKGR, NWCL, NWCL, LEPH, LEPH, PILG, PILG, PMBG, PMBG, MOPA, MOPA, GRAF, GRAF, GRAN, GRAN, FRAZ, FRAZ, SUR, SUR, SUR) and their respective parameters.

IDC 13 12:57:51.2,9.7,5.47S,-150.68E,h65km,70km,mb2.6/2, mbtmp3.1/3,ML1.6/1,Error ellipse: s-maj=144.3km s-min=61.2km az=123.0,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 13 13:06:48.6,2.4,15.78N,145.73E,h222km,47km,mb3.3/6, mbtmp3.9/7,Error ellipse: s-maj=67.5km s-min=33.3km az=1.0

ISC 13 13:06:47.9,1.5,16.0N,0.1,145.7E,0.3,h200km,n7, e074/8,mb3.7/6,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Guam, KSRS Korea Array, SONM Songino Array, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array, BVAR Borovoye Array.

JMA 13 13:07:53.9,0.2,24.1N,1.1,122.3E,0.4,h19km,5km, MV2.6/14,TAIWAN REGION

TAP 13 13:07:54.3,24.05N,122.31E,h24km,ML2.7,C

ISC 13 13:07:53.9,0.9,23.98N,0.02,122.29E,0.02,h22km,4km, n68,e0562/104,4C,Taiwan region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like E0S4, E0S3, E0S2, E0S2, E0S2, EAHA Aohua, ETL Fush Village, TWD Chiawan, EWUT Wuta, NACB Ninganchiao, ENA Nanau, SHUL Shoufeng, ESAO Su ao, ETM Tongmen, TWC Suao, JYNG Yonagunijimaku, ETLH Xiulin Townshi, LXIB Xiulin Townshi, YOJ Yonaguni jima, NDS Dongshan, EGFH Guangfu, WARB Fenglin Townsh, LATG Datong, EGS Ruisui, HGSD Ruisui, HGGD Nioudou, TWE Neicheng, NNSB Datong, WHF Hehuan Shan, NNS Nan Shan, EHY Hungye, FUSB Fushanzhiwuyua, ECBN Changbin.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ECBN Renai, OWD Renai, TWT Tachien, TWB1 Santiao Chiao, TWB1 Wulai, WUSB Renai, TIPB Shuangxi, TIPB Yeheng, YULB Yu-i, YULB Yuli, NSK Sanguang, NSK Yuli, TWF1 Yuli, TWF1 Grass Mountain, SX11 Fulli, FULB Fulli, SSSL Suanglung, WFC Wufteng Townshi, NCC Beigang Elemen, WHP Taichung City, TYC Yuchr, YMO1 YMO1, LIOB Emei, WHYT Xinyi Township, EDH Donghe, EDH Hironote-Funau, HATJ Hateruma jima, ELDTW Lidau, ALS Alishan, LDUT Ludao, LONT Longtan, CHNS Tsauling, JKRS Kuro-shima, STYH Taoyuan, TPUB Ta-pu, JIJ Ishigaki jima, CHN1 Nanshi, SLGT Liugu, JISG Ishigakijimahi, JISG Hateruma jima.

IDC 13 13:10:25.4,1.8,6.74S,-129.70E,h0km,mb3.8/2, mbtmp3.8/5,ML4.0/3,MS3.8/2,Error ellipse: s-maj=70.1km s-min=25.8km az=7.1

ISC 13 13:10:48.8,1.8,7.95S,0.1,129.69E,0.10,h150km,n18, e173/18,mb3.7/3,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, DRB Darwin Rock St, MTN Mattan Dam, KDU Kakadu, SOEI Soe, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, COEN Coen, QIS Mount Isa, ASAR Alice Springs, ASAR Alice Springs, WRKA Warakurna, OOD Oodnadatta, MULG Mulgathing, FORT Forrest, STKA Stephens Creek, MKAR Makanchi Array, ILAR Eielson Array.

NOU 13 13:26:43.9,14.71S,-167.27E,h126km,MLv4.5/16, Vanuatu Islands,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VLAKA Lakatoro, DVP Devils Point, RTV Riepapo, LIFNC LIFOU, KOUNC Koumac, MARNC Mare, Loyalty, YATNC Mammie plateau, DZM Mont Dzumac, NOUC Port Laguerre, ONTNC Ouen Toro, QUENC Ouen Island, PINNC Pines Island.

IDC 13 13:33:14.2,1.0,15.35S,168.38E,h0km,mb4.2/11, mbtmp4.3/12,ML4.8/1,MS4.9/1,Error ellipse: s-maj=30.3km s-min=20.3km az=103.0

NEIC 13 13:33:15.4,2.5,15.3S,0.1,168.54E,0.03,h10km,1km, mb4.6/23,Error ellipse: s-maj=18.3km s-min=3.4km az=348.0

NOU 13 13:33:17.3,15.43S,-168.36E,h12km,mb4.7/26,Vanuatu Islands

ISC 13 13:33:17.9,0.6,15.45S,0.07,168.38E,0.07,h25km,n66, e156/66,mb4.5/21,Vanuatu Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VLAKA Lakatoro, RTV Riepapo, LIFNC LIFOU, KOUNC Koumac, MARNC Mare, Loyalty, YATNC Mammie plateau, DZM Mont Dzumac, NOUC Port Laguerre, ONTNC Ouen Toro, QUENC Ouen Island, PINNC Pines Island, PINNC Pines Island, MSVF Nonsavu, MSVF Nonsavu, CTAO Chartas Tower, CTAO Chartes Tower, PMG Port Moresby, COEN Coen, BKZ Black Stump Fm, BKZ Black Stump Fm, CMSA Cobar Meteorol, STKA Stephens Creek, STKA Stephens Creek, WR0 Warramunga Arr, WR0 Warramunga Arr, WB0 Warramunga Arr, WB2 Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, AS01 Alice Springs, AS01 Alice Springs, ASAR Alice Springs, BBOO Buckleboo, BBOO Buckleboo, MULG Mulgathing, MTN Mantong Dam, FAKI Fak Fak, KNRA Kununurra, WRKA Warakurna, FORT Forrest, FORT Forrest, MBWA Marble Bar, MEEK Meekatharra, BKB Balikpapan, UGM Wanagama, MJAR Matsushiro Arr, SBA Scott Base, KLR Kuldr, QSPA South Pole Quai, QSPA South Pole Quai, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songino Array, SONM Songino Array, BELA Belgrano 2, ILAR Eielson Array, ARCES ARCES Array B, FUORN Ofenpas-Fuorn, ZCCA Zocca, RSNC 13 13:35:00.2,0.0,0.0N,10.8W,1.0,h5km,24km,ML4, ML5.2, IGQ 13 13:35:56.7,0.3,0.2N,2.8W,0.7,h6km,ML5.0/42, VAO 13 13:36:01.6,1.7,0.18N,79.91W,h54km,10km,mb4.8, NEIC 13 13:36:02.6,2.1,0.47N,0.08,79.74W,0.08,h62km,7km, mb4/41,Error ellipse: s-maj=11.9km s-min=7.7km az=112.0, IDC 13 13:37:03.0,1.9,0.39N,79.94W,h70km,17km,mb3.9/15, mbtmp4.3/20,MS4.1/10,Error ellipse: s-maj=18.1km s-min=10.7km az=80.0, ISC 13 13:35:57.9,0.9,0.40N,0.02,79.99W,0.03,h27km,7km, n181,e156/195,mb4.6/30,MS4.2/7,Near coast of Ecuador

13d 13h

Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes stations like Santo Domingo, Mancha de Ca P, Pacto, Paraso, etc.

2018 OCT

Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes stations like Serra Nova Dou, Santa Maria do, Villa Florida, etc.

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Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes stations like BRBA Barentsburg A, BRBA Barentsburg B, etc.

KOLA 13 13:45:36.0, 77:25N-17:96E, h0km, ML2.3, Error ellipse: s-maj=16.6km s-min=6.4km az=110.0, Spitsbergen, Barents Sea

NAO 13 13:45:37.6, 1.9, 77:24N-17:97E, h26km-16km, ML2.5, BER 13 13:45:38.6, 3.0, 77:20N-17:97E, h20km-11km, ML2.1, ML2.5(NAO), Confirmed Earthquake

Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes stations like HSPB Hornsund (broa), HSPB Hornsund (broa), etc.

NEIC 13 13:46:05.7, 2.1, 36:58N-0:009-121:13W, 0.02, h5km-2km, Error ellipse: s-maj=3.3km s-min=2.5km az=253.0

NCEDC 13 13:46:06.6, 1.5, 36:58N-0:002-121:18W, 0.03, h6km-6km, ML3.2, 42, ML3.0/68(NEIC), Error ellipse: s-maj=3.2km s-min=1.8km az=64.0, Central California

Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes stations like BVL Bear Valley, BPV Pinnacles, BBG Big Mountain B, etc.

13d 16h

Table with columns: LPAZ, SIV, CLPA, MDP, QSPA, ASAR, WRA. Includes station names, coordinates, and technical details.

NOU 13 16:19:52.5, 401.71S, 177.27E, h21km, MLv3.4/5, Off E. Coast of N. Islad, NZ.

WEL 13 16:19:59.0, 40.40' S, 176.61E, h22km, 3km, M3.1/56, ML3.5/16, MLv3.1/56, Error ellipse: s-maj=4.0km

ISC 13 16:19:59.1, 1.0, 40.38S, 176.43E, 0.03, h33km, 6km, n89, c105/95, North Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like ANWZ, PRHZ, etc.

ISC 13 16:30:34.8, 9.3, 30.56S, 179.50W, h386km, 98km, mb2.4/2, mbmp3.3, Error ellipse: s-maj=98.5km s-min=55.8km

ISC 13 16:30:35.9, 2.4, 30.6S, 179.5W, 0.4, h400km, n14, c086/14, Kermadec Islands region

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

2018 OCT

BUI 13 16:34:54.7, 27.43N, 127.48E, h150km, mb4.4/42, mb4.7/19
NEIC 13 16:35:01.8, 20.27, 83N, 127.14E, 0.08, h172km, 7km, mb4.6/81, Error ellipse: s-maj=10.4km

MOS 13 16:35:01.4, 0.9, 27.83N, 127.11E, h189km, mb4.4/17, Error ellipse: s-maj=10.3km s-min=6.1km az=90.0

NIED 13 16:35:03.4, 27.86N, 127.15E, h153km, MW4.5, Moment Tensor Solution, s3 Moment Tensor: Scale 1015Nm

ISC 13 16:35:02.3, 0.5, 27.80N, 127.13E, 0.04, h181km, 4km, n368, c129/388, mb4.5/72, 6C-8D, Ryukyu Islands

Main station list table for the 2018 OCT section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JIH, JAGN, JOKE, etc.

Main station list table for the 2018 OCT section with columns: XAN, USAOB, USAOB, USRK, MDJ, etc. Lists stations like USAOB, USAOB, USRK, MDJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, KDTR Khotudka, KAMC, etc.

NEIC 13 16:57:10.2±1.2, 36.581N, 0.010:121.16W, 0.02, h5km, 2km, Error ellipse: s-maj=3.2km s-min=2.2km az=268.0

NCEDC 13 16:57:10.9±1.1, 36.58N, 0.02:121.18W, 0.02, h6km, 6km, M2, 777, ML2.5/34(NEIC), Error ellipse: s-maj=3.3km s-min=1.6km az=59.0, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVL Bear Valley, BPIM Pinnacles, BBGB Big Mountain B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LRV Little Rabbit, BSSM Soledad Missio, SAO San Andreas Ge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HERM Elkhorn Road, PCCM Crazy Canyon, CDC Canada Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HPLM Lions Peak, PJUM Juniper Ridge, HMOM Monterey, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JLAB Laurel Hill, PHPM Hope Ranch, PHSB Hesperia Broad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARN Arnold Ranch, PANM San Antonio Re, PVMN Vineyard Canyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPO Portuguese Can, MHC Mount Hamilton, PSTM Stockdale Moun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARDC Alexander Ranc, JRSC Jasper Ridge, TSCN Private Property, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BPBM Bitterwater Pu, BKS Berkeley-Byer, CMB Columbia Colle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCOM MCOM, BCW Bitter Crk WRG, BCW, WAKR Walker, WAKR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UCH Uchtor, EKS Erkin-Say, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBK Karagaybulak, CHMS Chumyush, CHMS Chumyush, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBZ Khabaz, FINES FINES Array B, TORD Torod Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alake Springs, AZER 13 17:05:32.9, 38.93N, 44.80E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFAD 13 17:05:33.7, 38.96N, 44.87E, NSSP 13 17:05:33.1, 38.97N, 44.87E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAKU Maku, MAKU Maku, NAKH Nakhchivan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VMUR Van-Muradiye, VMUR Van-Muradiye, NRKZ NAREK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DYDN Diyadin, DYDN Diyadin, GNI Gani, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, GEVA Gevas, GEVA Gevas, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIGO comp=E, 313nm, 0.7s, GDB GEDABAY, GDB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QORADIZ Qoradiz, GANJ Ganja, ELEKSID Eleksid, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARS Kars, BRDA Brd, BQL Beylaqan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GURU Guroymak-BITLI, SIRN Sirnak, SIRN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISRB Mingchevdir, A, MNGR MNGR, HSH Hashtrud, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SENK Senkaya-Erzuru, ZRD Zardab, VSHL Vashlovani, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKH Akhalkalaki, AKH Akhalkalaki, LRK Lerik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLBA Cililabad, GLBA, SAAT Saatiy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDMR Kurdemir, KDMR, ZAKATA Zakatala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QBL Gabala, QBL, LKRN Lenkeran, Azer, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASTR Astara, IML Imayilli, IML, ALIG Mtskhetisjvari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ALIG Pirkuli, POL, GBS Gubostan, etc.

IDC 13 17:53:54.7, 0.6, 22:57N, 144.14E, h0km, mb4.0/18, mbmp4.0/19, ML3.21, MS3.625, Error ellipse: s-maj=21.4km s-min=14.4km az=75.0

NEIC 13 17:53:56.5±1.8, 22.58N, 0.09:144.2E, 0.1, h10km, 1km, mb4.7/82, Error ellipse: s-maj=20.5km s-min=14.1km az=77.0

IDC 13 17:53:55.9±0.5, 22.65N, 0.06:144.18E, 0.09, h10km, n131, 0.117/100, mb4.6/55, MS3.7/25, Volcano Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like INU Inuyama, JGF Kuroka, JMN Monobe, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAJO Matushiro, MJBS Matsu-Tunnel, JMW Kunigami, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMM Marumori, JMM, JNU Nakatsue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JSD WAKE ISLAND Hy 21.38, KRSR Korea Array, KRSR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSAR Wonju Array Be, KSAR, KS19 Wonju Array Si, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchi, NACB, YHNB Yeheng, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YULB Yu-li, YULB, H1N1 WAKE ISLAND Hy 21.37, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 21.38, SSSLB Saunglung, H1N3 WAKE ISLAND Hy 21.39, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asashikawa, ASAJ, JKA Kamikawa-asahi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1S3 WAKE ISLAND Hy 21.47, H1S1 WAKE ISLAND Hy 21.48, H1S2 WAKE ISLAND Hy 21.48, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TPUB Ta-pu, TPUB, DAV Davao City (W), etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like USRK Ussuriysk Ar, USRK, KLR Kuldur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETK Petroglavski, PETK, COEN Coen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COEN Coen, COEN, comp=Z, 11nm, 0.9s

Table with columns: STATION, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Sibiu, Magadan, Mantion Dam, etc.

Table with columns: STATION, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Topopah Spring, Hebgen Lake, Goldstone Bar, etc.

Table with columns: STATION, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like n81, Chiwan, E0S4, etc.

Table with columns: WHP, TYC, TWA, NFF, WHYT, SXH, ELDTW, ELDTW, ALS, LIOB, LIOB, NSTT, TWQ1, WNT, CHNS, CHNS, NSY, STYH, STYH, HATJ, WGK, WCKO, WCKO, WDLH, WDLH, TPUB, TPUB, CHN4, CHN4, WTP, WTP, WTK, WTK, WTK, WTK, CHN1, CHN1, SGST, SGST, TWK, TWK, SNST, SNST, JKRS, JKRS, WJF, WJF, MASBT, MASBT, JISG, JISG, JIJ, JIJ, MASBT, MASBT, JISG, JISG, JIJ, JIJ, JIRB, JIRB

IDC 13 18:19:28.4+0.7, 55:25Sx128:82W, h0km, mb4, 1/6, mbtmp4, 1/6, MS3, 9/11, Error ellipse: s-maj=28.2km s-min=25.0km az=6.0

NEIC 13 18:19:29.3+1.9, 55:45S, 0:2:128:5W, 0:1, 10km, 1km, mb4, 7/13, Error ellipse: s-maj=29.2km s-min=16.6km az=6.0

ISC 13 18:19:29.8+0.6, 55:25S, 0:1:128:5W, 0:1, 14km, n64, s110/39, mb4, 4/9, MS4, 0/11, 5C, Pacific-Antarctic Ridge

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

Table with columns: LPAZ, LPAZ, LPAZ, ATAH, STKA, CZSB, SAMU, JTS, AS31, ASAR, ASAR, H01W1, H01W2, H01W3, WB2, WB2, WRA, WRA, WRAB, WRAB, H11S2, H11S3, H11S1, ANMO, H11N3, H11N1, H11N2, NVAR, YBH, PDAR, ILAR, CMAR, ESDC, TIXI, KEST, ULN, SONM, SONM, RAYN, EKA, GERS, MKAR, ZALV, BVAR

JMA 13 18:57:05.4+0.1, 35:8N, 0:4:139:5E, 0:5, h53km, 1km, MV2, 9/39, TOKYO PREF, IDC 13 18:57:06.2+2.2, 35:62N, 139:39E, h66km, 14km, mb3, 1/2, mbtmp5, 6/3, Error ellipse: s-maj=50.0km s-min=8.0km az=6.0

ISC 13 18:57:05.2+1.1, 35:72N, 0:0:4:139:54E, 0:06, h59km, 7km, n19, s062/24, 6D, Near south coast of eastern Honshu

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

IDC 13 19:12:24.9+59.0, 14:55S, 164:70E, h0km, mb3, 8/3, mbtmp3, 8/3, Error ellipse: s-maj=99.7km s-min=107.8km az=64.0, Vanuatu Islands region

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

Table with columns: PPSI, CMAR, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, WRA, ASAR, ASAR, SONM, MKAR, KURBB, ZALV, BVAR, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2

ISC 13 19:20:53.4+0.6, 34:51N, 145:76E, h6km, 3km, ML3, 6 TEH 13 19:20:54.6, 34:44N, 145:82E, h8km, 37km, ML3, 5 ISC 13 19:20:55.0+1.2, 34:43N, 145:80E, 0:03, h4km, 12km, n39, s106/39, Iran-Iraq border region

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

BUI 13 19:38:23.0, 8:90S, 105:40E, h10km, mb5, 3/8, mb5, 3/49, MS4, 7/62, MS7, 4/56/1 IDC 13 19:38:23.6+0.4, 8:81S, 105:48E, h0km, mb5, 0/31, mbtmp5, 0/31, MS4, 0/48, Error ellipse: s-maj=14.6km s-min=10.4km az=61.0

MOS 13 19:38:23.9, 1:0, 8:71S, 105:53E, h10km, mb5, 6/73, MS4, 1/8, Error ellipse: s-maj=6.3km s-min=4.2km az=112.6

DJA 13 19:38:24.6+0.1, 9:5S, 1:10'E, h10km, M5, 1/102, MbWp2, 0/12, Mb5, 6/55, MLv5, 5/25, Mw(MB)5, 0/55, Mw/Mp4, 8/8, MwP5, 1/8

NEIC 13 19:38:25.8, 1:9, 8:84S, 0:07, 105:38E, 0:06, h10km, 1km, mb5, 4/137, MwW5, 1/21, Error ellipse: s-maj=12.0km s-min=10.7km az=190.0

NEIC 13 19:38:25.8, 8:84S, 105:38E, h18km, Moment Tensor Solution, Duration: 188 Moment tensor: Scale 1016Nm; Mn=4.79; Mw=2.36; Mv=2.44; Mh=0.03; Mb=2.35; Mw=2.75; Fault plane solution: Ms=48000x10^16 Np1; P=54.22000; 353.98000; 1:70.23000; NP2; q=29.932000; 336.250000; 1:119.360000; Principal axes: T=5.150, P1g12.0000; Azm230.0000; N=0.6466; P1g7.0000; Azm324.0000; P=5.7996; P1g69.0000; Azm106.0000;

GCMT 13 19:38:26.8+0.2, 9:03S, 0:02, 105:46E, 0:01, h12km, MW5, 0/119, Moment Tensor Solution, 444, c59; s119, c179; Duration: 0 Moment tensor: Scale 1016Nm; Mn=3.80; Mw=1.32; Mv=2.07; Mh=2.48; Mb=2.07; Mw=0.44; 25; Mw=1.92; Mb=1.07; Mw=0.21; 25; Best double couple: Ms3, 85900x10^16 Np1; P=326.0000; 846.0000; 1:87.0000; NP2=95.14.0000; 344.0000; 1:84.0000; Principal axes: T=3.9080; P1g1.0000; Azm53.0000; N=0.0990; P1g2.0000; Azm143.0000; P=3.8090; P1g7.0000; Azm300.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 19:38:25.9+0.5, 8:88S, 104:105E, 0:04, h15km, 2km, h55km, 2P, n763, s125/793, mb5, 3/197, MS4, 1/72, 55C-PD, South of Java

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

Table with columns for station call signs (e.g., LZH, AULRC, GUMO), frequencies, and various status indicators (P, I, S, etc.).

Table with columns for station call signs (e.g., MAJO, MJAR, MJJB), frequencies, and various status indicators (P, I, S, etc.).

Table with columns for station call signs (e.g., CHGR, ARSB, SIMJ), frequencies, and various status indicators (P, I, S, etc.).

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KKAR Kararay Array, VLAKA Lakatoro, BRLLS Borolday, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YAK Yakutsk, GNI Gani, SIRT Sirt, etc.

13d 19h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MMAI Mount Meron Ar, PHDHD Phuduhudu, NRIK Nori'sk, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AKASG Malin Array Be, AKASG Malin Array Si, AKASG Malin Array Be, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SPB1 Spitsbergen Ar, SPB2 Spitsbergen Ar, SPB3 Spitsbergen Ar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MT16 CCHEN, MT16 IAML, MT16 Juntas del Tor, etc.

Table with columns for station names (ALFC, SEDI, KNIK, etc.) and their associated data (time, location, etc.).

IDC 13 19:58:08.8:6.2,6:36S;151.38E;h56km,50km,mb4.0/8, mbmp4.2/9,ML1.5/1,Error ellipse: s-maj=50.3km s-min=22.1km az=102.0

ISC 13 19:58:05.5:1.1,6.35:0.2:151.5E:0.2,h30km,n11, f136/12,mb4.2/8,New Britain region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KARATAY ARRAY, ALA-ARCHA, etc.

RNSC 13 20:26:13.2:0.3,1'S:27'8"W:~1h0km,M3.6,mb4.2,mb4.9, ML3.2,Mw(mb)4.2,Equador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ANA TENORIO, OTAVO, etc.

TAP 13 20:28:48.8:24'84"N:122'20"E,h19km,ML2.7,C JMA 13 20:28:49.0:0.1,24:7N:0.8:122:3E:0.3,h6km,MV2.3/8, TAIWAN REGION

ISC 13 20:28:48.7:1.0,24:80N:0.02:122:25E:0.0:0.2,h12km,16km, n50,c0549/87,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SANTIAO CHIAO, TWPB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like E0S4, E0S5, etc.

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

ISC 13 20:46:25.9:1.3,24:47N:0.03:122:45E:0.0:0.3,h79km,6km, n104,c1806/175,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like E0S2, E0S3, etc.

Table with columns: Station Name, Time, Res, ISC. Lists stations like NMLH, NMLH, SLSL, etc.

CATAC 13 20:40:57.9:0.7,11'92"N:88'75"W,h19km,9km,ML3.9 SNET 13 20:41:00.2:6.2,12'09"N:88'95"W,h17km,64km,ML2.8

ISC 13 20:40:57.0:3.2,11'94"N:09:88'75W:0.07,h12km,17km, n31,c0565/42,Off coast of central America

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

TAP 13 20:46:25.2:0.1,24:44N:0.9:122:4E:0.3,h75km,1km, MV2.6/13,NW OFF ISHIGAKIJIMA IS

ISC 13 20:46:25.9:1.3,24:47N:0.03:122:45E:0.0:0.3,h79km,6km, n104,c1806/175,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like E0S2, E0S3, etc.

13d 21h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TIBP Shuangxi, TWE Neicheng, SXI1 Grass Mountain, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SSSL Suanglung, TWQ1 Liyufan, TWF1 Yuli, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JOD2 Odawara 2, JSG Sagara, JYJN Shimob, etc.

NEIC 13 20:51:03.6±0.9, 33.02N±0.07; 140.76E±0.08, h83km, 6km, mb4.2/7, Error ellipse: s-maj=12.7km s-min=5.6km

IDC 13 20:51:04.4±1.7, 32.92N±1.40; 140.28E, h85km, 7km, mb3.6/8, mbtmp3.9/10, Error ellipse: s-maj=44.4km s-min=13.0km

NIED 13 20:51:04.6±0.1, 33.09N±1.40; 59E, h75km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14N; Mn: 3.78; Mo: -1.94; Mpo: -1.84; Mo: -2.74; Mo: 1.49; Mo: -1.73;

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JHJ2 Mitsune, JHJ3 Mitsune, etc.

AFAD 13 21:03:40.7±0.0, 36.71N±44.53E, h8km, 1km, ML3.1

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like YOYA Hakkari_Ykse, YOYA Cukurka, etc.

Table of seismic events including MKAR Makanchi Array, KURBB Kurchatov Arra, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 13 21:41:54.9, 1.1, 10.91N, 124.98E, h216km, 10km, mb3.5/12, mbtp4, 1/13, Error ellipse: s-maj=34.5km s-min=7.6km az=76.0

ISC 13 21:41:53.2, 0.6, 10.97N, 0.009, 125.2E, 0.4, h200km, n14, c153/21, mb3.7/12, Leyte

Main table for 839 containing station names, station codes, arrival times, and phase IDs for various seismic events.

IDC 13 22:25:08.7, 0.9, 22.17S, 89.11E, h0km, mb3.9/10, mbtp3, 9/10, MS3, 7/14, Error ellipse: s-maj=27.4km s-min=22.8km az=121.0

ISC 13 22:25:11.8, 0.9, 22.22S, 0.2, 69.1E, 0.2, h19km, n29, c0532/10, mb3.9/10, MS3, 7/14, Mid-Indian Ridge

Main table for 839 (continued) containing station names, station codes, arrival times, and phase IDs for various seismic events.

NOU 13 22:28:25.3, 35.34S, 174.99E, h139km, mb4.2/5, North Island, New Zealand, WEL 13 22:28:43.0, 0.8, 37.5S, 17.7E, h234km, 6km, M2.5/11, MLV2.5/11, Error ellipse: s-maj=8.3km s-min=6.5km

az=81.4, confirmed ISC 13 22:28:40.6, 1.3, 37.10S, 0.007, 176.76E, 0.007, h250km, n37, c1334/50, North Island

Main table for 839 (continued) containing station names, station codes, arrival times, and phase IDs for various seismic events.

SDD 13 22:29:48.5, 3.2, 20.02N, 70.24W, h19km, 38km, MD3.8, ML3.6, MW3.5 SSNC 13 22:29:48.9, 3.2, 20.06N, 70.37W, h5km, 39km, MD3.3, ML2.8, MW3.0

ISC 13 22:29:47.4, 1.1, 20.02N, 0.003, 70.24W, 0.003, h30km, 10km, n25, c1862/47, 15C-17B, Dominican Republic region

Main table for 839 (continued) containing station names, station codes, arrival times, and phase IDs for various seismic events.

IDC 13 22:33:30.6, 1.8, 1.29N, 97.08E, h0km, mb3.8/10, mbtp3, 8/11, ML4.7/1, Error ellipse: s-maj=59.9km s-min=18.4km az=58.0

NEIC 13 22:33:31.8, 1.3, 1.24N, 0.009, 96.93E, 0.002, h10km, 2km, mb4.2/6, Error ellipse: s-maj=15.3km s-min=3.0km az=174.0

DJA 13 22:33:33.4, 0.9, 1.1N, 3.9E, h23km, 7km, M3.8/11, mb4.0/4, MLV3.7/11 ISC 13 22:33:34.2, 0.8, 1.28N, 0.006, 97.02E, 0.007, h28km, n43, c0558/33, mb4.0/14, Northern Sumatra

Main table for 839 (continued) containing station names, station codes, arrival times, and phase IDs for various seismic events.

IDC 13 22:42:36.0, 0.5, 8.36N, 70.87E, h86km, 52km, mb3.5/5, mbtp3, 8/10, ML2.3/4, Error ellipse: s-maj=38.7km s-min=26.7km az=25.0

NNC 13 22:42:41.6, 6.3, 36.80N, 70.47E, h42km, 92km, mb4.3, mbp4, 4, Error ellipse: s-maj=28.4km s-min=22.5km az=142.0

ISC 13 22:42:35.8, 0.8, 36.21N, 0.006, 70.99E, 0.008, h100km, n37, c13 22:42:35.8, 0.8, 36.21N, 0.006, 70.99E, 0.008, h100km, n37, c13 22:42:35.8, 0.8, 36.21N, 0.006, 70.99E, 0.008, h100km, n37

Main table for 839 (continued) containing station names, station codes, arrival times, and phase IDs for various seismic events.

13D 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNLY HANLEY, OSpenovka, TKM2 Tokmak 2, etc.

DJA 13 22:48:18.0,0.6,5.1N,3.9E, h67km,19km, M4,6.12, mb4.7/9, mB5.4/4, MLV4.5/12, Mw(mB)4.8/4

NEIC 13 22:48:18.4,1.5,4.58N,0.08,9.45E,0.10, h42km,9km, mb4.5/32, Error ellipse: s-maj=13.2km s-min=12.0km az=71.0

IDC 13 22:48:24.1,4.8,4.75N,95.00E, h96km,43km, mb3.8/19, mbmp4.1/21, MS3.6/3, Error ellipse: s-maj=22.7km s-min=14.3km az=69.0

BKK 13 22:48:25.1,7.5,N,8.9E,1.5, h10km, M4,4/12, mb4.4/4, mB5.0/7, Mjma4.0/12, ML4.7/6, MLv4.6/6, Mw(mB)4.3/7

ISC 13 22:48:18.2,0.5,4.60N,0.05,94.86E,0.05, h48km, n94, 1324/82, mb4.3/34, MS3.6/10, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLI Meulaboh, LHMI Lhok Sumawe, SNSI Sinabang, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NRYN Naryn, NRRN, DRK Karayev, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, ILAR Eielson Array, etc.

IDC 13 23:08:06.1,1.3,28.07N,127.38E, h0km, mb3.5/6, mbmp3.6/7, ML3.3/1, Error ellipse: s-maj=49.3km s-min=20.8km az=69.0

JMA 13 23:08:06.2,0.3,28.2N,0.7,128.1E,0.7, h16km,3km, MV3.1/10, NW OFF AMAMI-OOSHIMA IS

ISC 13 23:08:05.1,2.1,28.23N,0.05,128.10E,0.08, h8km, 14km, n16, c073722, mb3.4/6, Ryukyu Islands

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

IDC 13 23:19:53.1,2.1,25.87N,128.15E, h0km, mb4.2/15, mbmp4.1/19, ML3.4/4, MS3.7/24, Error ellipse: s-maj=47.9km s-min=21.9km az=145.0

NIED 13 23:19:54.9,25.79N,128.38E, h49km, Mw4.5, Moment tensor: s3 Moment tensor: Scale 10^15N; Mrc3.92; Mss-0.84; Mss-3.08; Mss-1.68; Mss-4.14; Mss-1.24

Fault plane solution: Ms5.54000x10^15 Np1.0, s51.00000, delta57.00000, lambda107.00000. NP2.0, 200.00000, delta37.00000, lambda65.00000

JMA 13 23:19:54.9,0.2,25.8N,1.0,128.1E, h49km,3km, MD4.2/21, MV4.0/21, NEAR OKINAWAJIMA ISLAND

NEIC 13 23:19:55.0,1.7,25.85N,0.05,128.2E,0.1, h10km,1km, mb4.6/40, Error ellipse: s-maj=16.3km s-min=7.0km az=102.0

ISC 13 23:19:53.4,1.7,25.81N,0.05,128.31E,0.05, h7km,9km, n13, r1956/104, mb4.5/38, MS3.8/21, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAMAGUSUKU3, TAMAGUSUKU3, NAGOTOYOHARA, etc.

Table with columns: YSS, ULN, SONM, etc. and rows listing various stations and their coordinates. Includes stations like Yuzh-Sakhalins, Ulanbatar, Sogino Array, etc.

Table with columns: DAVOX, PPT, etc. and rows listing stations and their coordinates. Includes stations like Davos/Dischmat, Papeete, etc.

Table with columns: MORW, BBOO, etc. and rows listing stations and their coordinates. Includes stations like Buclebloe, Stephens Creek, etc.

Table of celestial objects with columns for name, magnitude, RA, Dec, and other parameters. Includes objects like TIR, PUK, DRME, KBN, etc.

ADC 12:23:31.41.8.1.7, 19.90S:178.17W, h593km, 17km, mb3.5/13, mbtmp4.4/15, Error ellipse: s-maj=1.9km, s-min=15.3km az=101.0

NEIC 12:23:31.41.5.2.5, 19.9S:0.1x178.0W:0.1, h589km, 7km, mb4.4/26, Error ellipse: s-maj=20.0km s-min=16.1km az=115.0

ISC 13:23:31.42.1.0.5, 19.90S:0.08.178.22W, h600km, n70.0, c15/71, mb4.3/29, 5C, Fiji Islands region

Table of stations in the Fiji Islands region with columns for name, frequency, and other details. Includes stations like WRR, AS31, ASAR, etc.

Main table of celestial objects with columns for name, magnitude, RA, Dec, and other parameters. Includes objects like WRA, MTN, KNRA, etc.

NEIC 13:23:34.45.7.0.8, 18.42N:0.06:67.92W:0.04, h74km, 6km, ML2.2/16, Md2.6/9(RSPR), Error ellipse: s-maj=8.9km s-min=4.7km az=191.0

SDD 13:23:34.45.0.1.4, 18.22N:68.01W, h30km, 73km, MD2.7, ML1.9, MW2.0

RSPR 13:23:34.46.4, 18.40N:67.92W, h72km, 2km, MD2.6/9

Table of stations in the RSPR region with columns for name, frequency, and other details. Includes stations like PCDR, IDE, AGPR, etc.

Table of celestial objects with columns for name, magnitude, RA, Dec, and other parameters. Includes objects like MLPR, AOPR, GSC, etc.

NEIC 13:23:57.42.6.1.8, 33.47N:0.01x116.75W:0.02, h5km, 2km, Error ellipse: s-maj=3.2km s-min=2.6km az=317.0

PAS 13:23:57.42.6.1.7, 33.49N:0.03:116.80W:0.06, h3km, 6km, ML3.3/320, ML3.3/42(NEIC), Error ellipse: s-maj=7.6km s-min=2.8km az=70.0, Southern California

Table of stations in the Southern California region with columns for name, frequency, and other details. Includes stations like Code, Station Name, and various call signs.

Table with columns: ISA, Isabella, Lake, 2.57 328, Pn, Pn, 23 58 24.9 -0.3, 23 59 10.7, etc.

NOU 14 00:17:34.0, 34.10S:179.86W, h337km, MLV4.5/9, South of Kermadec Islands
WEL 14 00:18:05.2, 0.7, 36.5, S:8.179E:1.10, h223km, 7km, M3.9/30, mB4.2/1, M4.3/26, MLV3.9/30, Mw(m)B3.3/1, Error ellipse: s-maj=14.6km s-min=8.7km az=122.2, confirmed

ISC 14 00:18:01.9:3.7, 35.85:0.2:178.6E:0.1, h230km, 15km, n57, c132/81, Off east coast of North Island

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

GRAL 14 00:19:30.1+0.3, 33.224N:35.43E, h11km, 2km, MD2.7, Gill 14 00:19:30.4+0.3, 33.229N:0.1:35.43E:0.03, h4km, MwS2.0, confirmed

ISC 14 00:19:30.4+0.9, 33.333N:0.03:35.44E:0.04, h12km, n35, c69/69/33, Jordan-Syria region

Continuation of station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, s, ISC

Table with columns: KSHT Keshet, 0.46 138, S, Sb, 00 19 47.5 +0.1, etc.

MOS 14 00:30:26.9, 1.0, 38.34N:141.83E, h53km, mb4.7/13, Error ellipse: s-maj=10.3km s-min=6.3km az=106.4
IDC 14 00:30:27.9, 0.5, 38.26N:141.79E, h51km, 4km, mb3.8/22, mbmp4.1/30, MS3.3/10, Error ellipse: s-maj=12.1km s-min=8.3km az=121.0

NIED 14 00:30:27.8, 38.30N:141.86E, h47km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mrr:1.11; Mth:0.14; Mxx:0.97; Mxy:0.77; Mxz:0.30; Myr:1.18; Fault plane solution: M=1.7700x10^15 NP1, p=3.00000, 871.00000, 197.00000; NP2, p=189.00000, 320.00000, 1.70.00000

JMA 14 00:30:27.8, 0.1, 38.33N:0.3:141.9E:0.6, h47km, MD4.0/39, MW4.2/39, E OFF MIYAGI PREF
JMA Fell II J1 at E OFF MIYAGI PREF
NEIC 14 00:30:28.3:1.0, 38.30N:0.06:141.81E:0.09, h49km, 8km, mb4.6/16, Error ellipse: s-maj=12.4km s-min=6.4km az=125.0

ISC 14 00:30:27.0:5.38:27N:104.141:88E:0.06, h48km, 3km, h48km:pp-P, n148, c09/90/153, mb4.3/47, MS3.8/5, 7C-20D, Near east coast of eastern Honshu

Main station list table for the 2018 OCT section with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, s, ISC

Main station list table for the 14d 0h section with columns: MDJ, Mudanjiang, 11.19 308, Pn, Pn, 00 33 05.1 +0.2, etc.

ESDC Sonseca Array 67.37 31 P P 01 32 52.5 -0.5

IDC 14 01:28:11.6.1.52:65N:153:41E,h466km,13km

KRSC 14 01:28:12.3.2.0.52:34N:154:41E,h475km,25km,MI4.2

ISC 14 01:28:10.2.0.6.52:6N:0:1:153:48E:0:07,h450km,n41,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like APC, PETK, ASAK, GRL, KRMR, etc.

IDC 14 01:32:11.0.2.6.16:65N:98:05W,h0km,mb3.8/3

MEX 14 01:32:11.7.0.9.16:28N:98:26W,h16km,9km,MD4.7

ISC 14 01:32:09.7.1.7.16:27N:0:0:98:21W:0:02,h8km,11km,

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

Main table with columns: MEIG, TPIG, ATYC, PLIG, etc. Lists station names and their coordinates and phases.

Table with columns: TXAR, SAND, JTS, OZNA, BRDY, MNHN, VHRN, PECS, ABTX, etc. Lists station names and their coordinates and phases.

Table with columns: PDAR, LR, LR, 01 50 26.1, comp=Z, 104nm, 20.1s, baz=149, slow=39, comp=Z, 1.0nm, 0.7s, NVAR, comp=Z, 2.0nm, 0.9s, baz=146, slow=10, SNR=12, ELK, comp=Z, 81nm, 19.5s, baz=332, slow=36, ATAH, comp=Z, 87nm, 18.1s, baz=237, slow=32, WVOR, comp=Z, 6.4nm, 1.2s, YBH, comp=Z, 58nm, 19.8s, baz=278, slow=40, NEW, comp=Z, 252nm, 19.7s, baz=144, slow=39, ETMB, comp=Z, 3.5nm, 0.8s, MDP, comp=Z, 1.42nm, 18.1s, baz=168, slow=40, FRB, comp=Z, 51.65, 16, LR, H03N2, comp=Z, 338, slow=77, SNR=851, H03N1, comp=Z, 338, slow=77, SNR=1018, H03N3, comp=Z, 338, slow=77, SNR=1018, KDAK, comp=Z, 1.14nm, 18.1s, baz=129, slow=35, ILAR, comp=Z, 0.6nm, 0.8s, baz=133, slow=4.8, SNR=4.8, ILAR, comp=Z, 1.08nm, 19.1s, baz=112, slow=38, comp=Z, 0.6nm, 0.8s

WEL 14 01:57:32.1±0.7, 42°51'17.2"E, h81km, 6km, M2.9/13, ML2.9/7, MLv2.9/13, Error ellipse: s-maj=4.6km s-min=2.8km az=130.0, confirmed NOU 14 01:57:32.6, 41.75S:172.01E, h68km, MLv3.7/8, South Island, New Zealand ISC 14 01:57:30.0-1.4, 41.75S:0.03:172.21E:0.04, h110km, 8km, n58, r1920/82, South Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, Ings, Inghangua Fire, 0.22 241, P, Pn, 01 57 45.4 +0.1, Ings, Denniston Nort, 0.31 271, P, Pn, 01 57 56.4 -0.6, Dsz, Westport Bulle, 0.46 269, P, Pn, 01 57 46.0 +0.5, Wbcs, Karamea School, 0.51 352, P, Pn, 01 57 52.2 +0.4, Kasc, Tophouse, 0.52 92, P, Pn, 01 57 47.7 +0.7, Thz, Matariki Terra, 0.54 49, P, Pn, 01 57 47.4 +0.3, Mrnz, Takaka Hill, 0.91 38, P, Pn, 01 57 50.9 +0.6, Tknz, Quartz Range, 0.95 15, P, Pn, 01 57 51.1 +0.4, Qrz, Quartz Range, 0.95 15, P, Pn, 01 57 51.3 +0.6, Nnz, Nelson, 1.03 59, P, Pn, 01 57 52.2 +0.8, Ltz, Lake Taylor, 1.03 178, P, Pn, 01 57 53.0 +1.5, Wtmc, Te Mara Farm W, 1.07 145, P, Pn, 01 58 03.9 +0.9, Inz, Inchbonnie, 1.13 210, P, Pn, 01 57 53.6 +1.2, Khz, Kahutara, 1.19 124, P, Pn, 01 57 55.0 +1.9, Bswz, Blackbirch Sta, 1.25 89, P, Pn, 01 57 55.1 +1.3, Tuwz, Tuamarina, 1.34 77, P, Pn, 01 57 56.4 +1.6, Gvz, Greta Valley S, 1.36 154, P, Pn, 01 57 56.7 +1.3, Amcz, Amberley, 1.46 167, P, Pn, 01 57 57.6 +1.3, Oxz, Oxford, 1.58 185, P, Pn, 01 57 58.4 +0.7, Duwz, D'Urville Isla, 1.60 54, P, Pn, 01 57 59.1 +0.7, Tcw, Tory Channel, 1.64 71, P, Pn, 01 57 59.1 +0.7, Wvz, Waitaha Valley, 1.72 219, P, Pn, 01 58 00.5 +1.2, Mhcz, Mount Hutt, 1.84 195, P, Pn, 01 58 01.7 +0.7, Wel, Wellington, 1.97 77, P, Pn, 01 58 02.7 +0.2, Racq, Rakaia, 1.98 182, P, Pn, 01 58 03.5 +0.9, Mqz, McQueen's Vall, 1.98 171, P, Pn, 01 58 03.9 +0.5, Okcz, Okains Bay, 2.07 163, P, Pn, 01 58 04.6 +0.8, Gosz, Gaunt Creek Bo, 2.10 221, P, Pn, 01 58 05.4 +1.2, Rpz, Rata Peaks, 2.14 203, P, Pn, 01 58 05.6 +0.9, Wacz, Wakanaui South, 2.21 187, P, Pn, 01 58 06.1 +0.6, KIW, Kapiti Island, 2.22 67, P, Pn, 01 58 05.6 -0.1, Cannon Point, 2.24 74, P, Pn, 01 58 05.4 -0.5, MSWZ, Moikau Station, 2.30 83, P, Pn, 01 58 05.9 -0.9, ARCC, Arundel, 2.32 199, P, Pn, 01 58 07.6 +0.5, PAWZ, Paruwai Farm, 2.44 82, P, Pn, 01 58 07.4 -1.2, FOZ, Fox Glacier, 2.51 224, P, Pn, 01 58 10.4 +1.0, MRZ, Mangatainokoa R, 2.76 68, P, Pn, 01 58 11.8 -1.0, TMZ, Timaru, 2.78 198, P, Pn, 01 58 13.5 +0.5, KHEZ, Kahui Hut, 2.81 30, P, Pn, 01 58 16.1 +2.6, KHEZ, Kahui Hut, 2.81 30, P, Pn, 01 58 15.6 +2.1, PKE, Pukeiti, 2.89 28, P, Pn, 01 58 16.5 +2.1, TIWZ, Tintooki, 2.93 72, P, Pn, 01 58 13.6 -1.5, LBZ, Lake Benmore, 3.02 208, P, Pn, 01 58 16.2 0.0, VRZ, Vera Road, 3.25 37, P, Pn, 01 58 21.1 +1.6, JCZ, Jackson Bay, 3.42 226, P, Pn, 01 58 22.6 +0.9, ODZ, Otahua Downs, 3.48 199, P, Pn, 01 58 22.7 +0.4, WNVZ, Waihanoa, 3.54 48, P, Pn, 01 58 25.6 +2.3, NGZ, Ngauruhoe, 3.65 46, P, Pn, 01 58 26.6 +1.9, KRvZ, Karewarewa, 3.73 46, P, Pn, 01 58 32.7 +7.0, HIZ, Hauiti, 3.82 33, P, Pn, 01 58 28.9 +2.1, HIZ, Hauiti, 3.82 33, P, Pn, 01 58 27.9 +1.1, WATZ, Wairara, 4.06 43, P, Pn, 01 58 28.1 -2.1, BKZ, Black Stump Fm, 4.16 53, P, Pn, 01 58 36.7 +5.2

ROM 14 02:32:43.4±0.1, 42.487N:07004:13.297E:0.005, h10km, ML2.2/47, 13C-4D, Error ellipse: s-maj=0.4km s-min=0.2km az=50.0, Central Italy

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, RM33, Pellescritta, 0.07 290, P, Pn, 02 32 46.3 +0.6, RM33, comp=N, 5825um, 1.2s, AML, AML, RM33, comp=E, 10420um, 0.3s, AML, AML, RM33, comp=E, 10175um, 0.3s, AML, AML, RM33, comp=N, 5715um, 1.2s, AML, AML, RM33, comp=N, 5753um, 0.2s, AML, AML, RM33, comp=N, 5587um, 0.2s, AML, AML, RM33, comp=E, 8630um, 0.1s, AML, AML, RM33, comp=E, 8658um, 0.1s, SAN MARTINO, 0.15 11, P, Pn, 02 32 47.4 +0.6, SMA1, SMA1, SMA1, comp=E, 791um, 0.6s, AML, AML, SMA1

Table with columns: SMA1, AML, AML, comp=N, 14150um, 0.3s, SMA1, comp=N, 14120um, 0.3s, GIGS, comp=E, 697um, 0.2s, Gran Sasso, 0.20 100, P, Pn, 02 32 48.2 +0.6, GIGS, comp=N, 344um, 0.2s, AML, AML, GIGS, comp=E, 375um, 0.2s, AML, AML, GIGS, comp=N, 388um, 0.3s, AML, AML, GIGS, comp=N, 388um, 0.3s, AML, AML, LNSS, comp=N, 375um, 0.2s, Leonesa, 0.22 302, P, Pn, 02 32 48.7 +0.6, LNSS, comp=N, 3085um, 0.2s, AML, AML, LNSS, comp=N, 3435um, 0.1s, AML, AML, LNSS, comp=N, 3437um, 0.1s, AML, AML, LNSS, comp=N, 3086um, 0.2s, FIAM, Fiamignano, 0.26 211, P, Pn, 02 32 49.4 +0.7, FIAM, FIAM, FIAM, comp=E, 661um, 0.4s, AML, AML, FIAM, comp=N, 890um, 0.5s, AML, AML, FIAM, comp=N, 891um, 0.5s, AML, AML, TERO, Teramo, 0.26 59, P, Pn, 02 32 49.1 +0.3, TERO, TERO, TERO, comp=E, 481um, 1.0s, AML, AML, TERO, comp=N, 540um, 0.4s, AML, AML, TERO, comp=E, 481um, 1.0s, AML, AML, TERO, comp=N, 539um, 0.4s, AML, AML, TERO, comp=E, 834um, 0.5s, AML, AML, TERO, comp=N, 918um, 1.2s, AML, AML, TERO, comp=E, 446um, 0.2s, AML, AML, MTRA, Matera, 0.28 15, P, Pn, 02 32 49.4 +0.3, MTRA, MTRA, MTRA, comp=E, 6660um, 0.2s, AML, AML, MTRA, comp=N, 7045um, 0.2s, AML, AML, MTRA, comp=N, 7045um, 0.2s, AML, AML, MTRA, comp=E, 6615um, 0.2s, AML, AML, MTRA, comp=N, 7065um, 0.2s, AML, AML, MTRA, comp=N, 7065um, 0.2s, AML, AML, MTRA, comp=N, 7042um, 0.2s, AML, AML, MTRA, comp=N, 7065um, 1.8s, AML, AML, MTRA, comp=N, 7042um, 1.8s, AML, AML, MTRA, comp=E, 6617um, 0.2s, AML, AML, FAGN, Fagnano, 0.31 136, P, Pn, 02 32 50.2 +0.7, FAGN, FAGN, FAGN, comp=E, 1210um, 0.5s, AML, AML, FAGN, comp=N, 834um, 0.4s, GAVE, Gavelli, 0.36 305, P, Pn, 02 32 50.9 +0.3, GAVE, GAVE, GAVE, comp=N, 97um, 0.2s, NRCA, Norcia, 0.37 339, P, Pn, 02 32 51.0 +0.2, NRCA, NRCA, NRCA, comp=E, 1710um, 0.1s, AML, AML, NRCA, comp=N, 1385um, 0.1s, AML, AML, NRCA, comp=N, 1565um, 0.1s, AML, AML, NRCA, comp=E, 1710um, 0.2s, AML, AML, NRCA, comp=N, 1385um, 0.1s, AML, AML, NRCA, comp=E, 1795um, 0.1s, AML, AML, NRCA, comp=N, 1565um, 0.1s, AML, AML, NRCA, comp=N, 1384um, 0.1s, AML, AML, ARRO, Arrone, 0.40 283, P, Pn, 02 32 51.6 +0.3, ARRO, ARRO, ARRO, comp=E, 394um, 0.2s, AML, AML, ARRO, comp=N, 479um, 0.3s, AML, AML, ARRO, comp=E, 393um, 0.2s, AML, AML, ARRO, comp=N, 449um, 0.1s, MMOI, Montemonaco, 0.41 3, P, Pn, 02 32 51.7 +0.2, MMOI, MMOI, MMOI, comp=N, 214um, 0.2s, VCEI, Villa Celiera, 0.41 103, P, Pn, 02 32 52.0 +0.5, VCEI, VCEI, VCEI, comp=E, 565um, 0.5s, AML, AML, VCEI, comp=N, 496um, 1.3s, AML, AML, VCEI, comp=E, 552um, 0.3s, AML, AML, VCEI, comp=N, 467um, 0.2s, AML, AML, MC2, Monte Cornacci, 0.43 350, P, Pn, 02 32 52.2 +0.2, MC2, MC2, MC2, comp=N, 129um, 0.5s, T0110, Collepietro, 0.44 126, P, Pn, 02 32 52.5 +0.5, T0110, T0110, T0110, comp=E, 434um, 0.3s, AML, AML, T0110, comp=N, 402um, 0.4s, AML, AML, PTQR, Pietraquaria, 0.47 171, P, Pn, 02 32 52.9 +0.3, PTQR, PTQR, PTQR, comp=E, 148um, 0.2s, AML, AML, PTQR, comp=N, 104um, 0.3s, AML, AML, PTQR, comp=E, 149um, 0.2s, AML, AML, PTQR, comp=N, 104um, 0.3s, AML, AML, PTQR, comp=E, 149um, 1.8s, AML, AML, PTQR, comp=N, 104um, 1.7s, FEMA, Monte Fena, 0.51 339, P, Pn, 02 32 53.7 +0.4, FEMA, FEMA, FEMA, comp=N, 917um, 0.4s, MF5, Montefalco A, 0.52 13, P, Pn, 02 32 53.9 +0.4, MF5, MF5, MF5, comp=E, 720um, 0.2s, AML, AML, MF5, comp=N, 917um, 0.4s, AML, AML, MF5, comp=E, 721um, 0.2s, AML, AML, MF5, comp=N, 919um, 0.4s, AML, AML, MF5, comp=E, 721um, 0.2s

Table with columns: OFFI, Offida, 0.53 32, P, Pn, 02 32 54.8 -0.1, OFFI, OFFI, OFFI, comp=E, 856um, 0.5s, AML, AML, OFFI, comp=N, 367um, 0.7s, AML, AML, OFFI, comp=N, 344um, 0.2s, AML, AML, CESX, Cesi, 0.54 283, P, Pn, 02 32 53.9 0.0, CESX, CESX, CESX, comp=E, 199um, 1.2s, AML, AML, CESX, comp=N, 286um, 0.2s, AML, AML, CESX, comp=N, 286um, 0.2s, AML, AML, TRTR, Tortoreto Alta, 0.56 55, P, Pn, 02 32 55.2 -0.1, TRTR, TRTR, TRTR, comp=E, 704um, 0.5s, AML, AML, TRTR, comp=N, 478um, 1.1s, AML, AML, FDMO, Fiodimonte, 0.57 344, P, Pn, 02 32 54.4 -0.1, FDMO, FDMO, FDMO, comp=E, 268um, 0.2s, AML, AML, FDMO, comp=N, 252um, 1.6s, AML, AML, FDMO, comp=E, 268um, 0.2s, AML, AML, FDMO, comp=N, 250um, 0.2s, CERT, Cerreto, 0.59 204, P, Pn, 02 32 54.8 +0.1, CERT, CERT, CERT, comp=N, 164um, 0.5s, AML, AML, CERT, comp=E, 228um, 0.3s, AML, AML, CERT, comp=N, 155um, 0.3s, AML, AML, CERT, comp=E, 228um, 0.3s, AML, AML, CERT, comp=E, 228um, 1.7s, CESI, Cesi - Serrava, 0.59 331, P, Pn, 02 32 54.9 -0.1, CESI, CESI, CESI, comp=E, 151um, 0.8s, AML, AML, CESI, comp=N, 256um, 1.3s, AML, AML, CESI, comp=N, 245um, 0.1s, AML, AML, CESI, comp=N, 128um, 0.1s, CSP1, Cessapalombo, 0.61 354, P, Pn, 02 32 55.1 -0.1, CSP1, CSP1, CSP1, comp=E, 95um, 1.3s, MTCE, Montecelio, 0.62 222, P, Pn, 02 32 55.3 -0.1, MTCE, MTCE, MTCE, comp=N, 89um, 0.7s, AML, AML, MTCE, comp=N, 89um, 0.4s, MOMA, Monte Martino, 0.62 301, P, Pn, 02 32 55.5 +0.1, MOMA, MOMA, MOMA, comp=N, 745um, 1.2s, AML, AML, MOMA, comp=N, 412um, 0.4s, AML, AML, MOMA, comp=N, 276um, 1.6s, AML, AML, MOMA, comp=E, 406um, 1.1s, AML, AML, MOMA, comp=N, 745um, 1.2s, AML, AML, MOMA, comp=E, 411um, 0.4s, AML, AML, MOMA, comp=E, 389um, 0.2s, SRES, S. Oreste - Sor, 0.63 247, P, Pn, 02 32 56.0 +0.3, SRES, SRES, SRES, comp=N, 256um, 0.2s, AML, AML, SRES, comp=E, 134um, 0.2s, AML, AML, SRES, comp=N, 97um, 0.2s, AML, AML, SRES, comp=E, 134um, 0.2s, AML, AML, INTR, Introdocqua, 0.66 136, P, Pn, 02 32 56.2 0.0, INTR, INTR, INTR, comp=E, 64um, 0.4s, AML, AML, INTR, comp=N, 154um, 0.4s, AML, AML, INTR, comp=E, 150um, 0.4s, AML, AML, ASSB, Assisi San Ben, 0.73 320, P, Pn, 02 32 57.4 0.0, ASSB, ASSB, ASSB, comp=N, 134um, 1.8s, LPEL, Lama dei Pelig, 0.79 123, P, Pn, 02 32 58.2 -0.4, LPEL, LPEL, LPEL, comp=E, 132um, 0.8s, AML, AML, LPEL, comp=N, 111um, 0.4s, AML, AML, LPEL, comp=N, 85um, 0.3s, AML, AML, SNTG, Esanatoglia, 0.81 341, P, Pn, 02 32 58.8 -0.3, SNTG, SNTG, SNTG, comp=N, 214um, 0.2s, EL6, EL6, EL6, comp=E, 204um, 0.2s, AML, AML, EL6, comp=N, 214um, 1.2s, LRP, Arpino, 0.87 166, P, Pn, 02 32 59.5 -0.5, LRP, LRP, LRP, comp=E, 47um, 1.1s, AML, AML, MGAB, Montegabbione, 0.97 296, P, Pn, 02 33 02.0 -0.1, MGAB, MGAB, MGAB, comp=E, 126um, 0.5s, AML, AML, MGAB, comp=N, 129um, 0.5s, AML, AML, MGAB, comp=E, 126um, 0.5s, AML, AML, MGAB, comp=E, 118um, 0.5s, AML, AML, SSFR, Monteleone di S, 1.02 338, P, Pn, 02 33 02.6 -0.4, SSFR, SSFR, SSFR, comp=E, 168um, 1.2s, AML, AML, SSFR, comp=N, 154um, 0.2s, AML, AML, SSFR, comp=E, 148um, 0.2s, AML, AML, SSFR, comp=E, 176um, 0.2s, AML, AML, SACS, San Casciano d, 1.09 290, P, Pn, 02 33 04.0 -0.3, SACS, SACS, SACS, comp=N, 154um, 0.2s, AML, AML, SACS, comp=E, 37um, 1.0s, AML, AML, FRON, Frontone, 1.11 338, P, Pn, 02 33 04.3 -0.5, FRON, FRON, FRON, comp=E, 54um, 0.7s, AML, AML, FRON, comp=N, 75um, 0.9s, ROM 14 02:33:18.0±0.1, 42.490N:07004:13.295E:0.005, h11km, ML2.0/31, 4C, Error ellipse: s-maj=0.3km s-min=0.3km az=241.0, Central Italy

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, RM33, Pellescritta, 0.06 288, P, Pn, 02 33 20.8 +0.3

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LVZ Lovozero, VRF Vario, OLKF Oulanka, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SADR Isla Saona, PCDR Punta Cana, IDE Isla Desecho, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CRPR Cabo Rojo, LSP Las Mesas, AGPR Aguadilla, etc.

ISC 14 04:22:43.1±2.7, 17:15S±178.80W, h645km±21km, mb2.6/3, mbtmp3.6/4, Error ellipse: s-maj=261.2km

s-min=28.5km az=159.0, Fiji Islands region

MSVF Nonsavu 3.06 259 P Op ISC h m s ISC 04 24 06.4 -0.1

ASAR Alice Springs 44.65 254 P 0.3nm, 0.4s, baz=84, slow=8.4, SNR=11

TXAR Lajitas Array 85.91 58 P 0.3nm, 0.7s, baz=209, slow=3.9, SNR=3.9

ISC 14 04:33:59.7±3.4, 6°9'S; 133°53'W, h0km, mb4.0/5, mbtmp4.0/5, MS3.6/14, Error ellipse: s-maj=221.4km

s-min=23.3km az=108.0

ASCN Ascension 1.24 224 P Op ISC h m s ISC 04 34 24.8 -0.8

ASCN Ascension 1.24 224 P Op ISC h m s ISC 04 34 24.8 -0.8

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TORD Torodi Ar. Bea, TSM Tsumeb, SUR Sutherland, etc.

SSNC 14 04:39:45.4±1.4, 20°83'N; 70°74'W, h5km, MD3.6, ML2.2

SDD 14 04:39:49.0±2.4, 20°16'N; 70°78'W, h15km, 108km, MD2.9, ML2.5, MW3.0

ISC 14 04:39:43.4±1.9, 20°39'N; 0°08'70'W, h11km±12km, n11, ±1925/20, 10C, Dominican Republic region

LUDR Luperon 0.52 200 eP Op ISC h m s ISC 04 39 54.0 +0.4

GRTK Grand Turk 1.17 343 eP Op ISC h m s ISC 04 40 12.9 +7.3

ABDR Alto Bandera 1.57 175 eP Op ISC h m s ISC 04 40 12.4 -0.3

BANI BANI 2.02 169 eP Op ISC h m s ISC 04 40 20.9 +0.6

HATOM Hato Mayor del 2.06 140 eP Op ISC h m s ISC 04 40 21.2 +0.5

MIDR Miches 2.14 131 eP Op ISC h m s ISC 04 40 24.3 -0.1

MASC Masc 3.26 267 iP Op ISC h m s ISC 04 40 36.1 +1.7

QMBU Quimbuolo 3.80 268 iP Op ISC h m s ISC 04 40 43.0 +1.0

MOAC Moa 3.94 275 iP Op ISC h m s ISC 04 40 44.4 +0.6

PINC Pinare de May 4.71 272 iP Op ISC h m s ISC 04 40 55.5 +1.1

ISC 14 04:50:32.4±0.8, 37°68'N; 141°76'E, h0km, mb3.7/11, mbtmp3.7/15, ML3.2/4, MS2.8/3, Error ellipse: s-maj=20.9km

s-min=15.5km az=100.0

JMA Felt II J1 at E OFF FUKUSHIMA PREF

ISC 14 04:50:37.4±2.0, 37°70'N; 141°72'E, h40km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm

ISC 14 04:50:37.4±2.0, 37°70'N; 141°72'E, h40km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm

ISC 14 04:50:37.4±2.0, 37°70'N; 141°72'E, h40km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm

ISC 14 04:50:37.4±2.0, 37°70'N; 141°72'E, h40km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm

ISC 14 04:50:37.4±2.0, 37°70'N; 141°72'E, h40km, MW3.7, Moment Tensor solution. s3 Moment tensor: Scale 10^14Nm

Table with columns: JID, Ori, Az, El, P, S, Pn, Az, El, P, S, Pn. Includes stations like Iwaki, Otama, Kenesun, Ichinoseki, etc.

IDC 14 05:05:32.0, 41.196S:88.52E, h0km, mb4.7/23, mbmp4.6/23, MS5.3/49, Error ellipse: s-maj=15.7km, s-min=15.0km, az=116.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, Op, h, s, ISC. Includes stations like Cape Leeuwin, Warramunga, etc.

Main table with columns: CASY, Casey, Az, El, P, S, Pn, Az, El, P, S, Pn. Includes stations like Casey, Giralda, Meekatharra, etc.

Main table with columns: KULM, Kulim, Az, El, P, S, Pn, Az, El, P, S, Pn. Includes stations like Kulim, Grahamstown, etc.

Table with columns for station name, time, elevation, and other parameters. Includes stations like Ulanbaatar, Rarotonga, Changchun, Kurchatov Arra, etc.

Table with columns for station name, time, elevation, and other parameters. Includes stations like Aquiduaana, Ostrava-Krasne, Kralupy, etc.

Table with columns for station name, time, elevation, and other parameters. Includes stations like D27M Malcolm River, E27K Coleen River, SCRK Sand Creek, etc.

Table with columns: LIRD, Liard River Hi, 152.46, 39, P, PKIKP, 05 25 30.1+0.5, etc.

IDC 14 05:10:16.4: 1.2, 12.56N:143.96E, h0km, mb3.8/5, mblmp3.8/5, Error ellipse: s-maj=49.4km s-min=19.9km

NEIC 14 05:10:16.6: 2.2, 12.53N:104.143:92E:0.09, h10km, 2km, mb4.5/6, Error ellipse: s-maj=14.3km s-min=6.0km

ISC 14 05:10:19.1: 0.8, 12.52N:101.144:0E:0.1, h27km, m22, s126/17, mb4.1/8, South of Mariana Islands

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

NCEDC 14 05:10:22.1: 2.3, 41.92N:0.05:126.1W:0.1, h22km, 9km, Error ellipse: s-maj=13.6km s-min=7.9km az=88.0

NEIC 14 05:10:21.1: 1.9, 41.88N:0.05:126.0W:0.1, h10km, 2km, ML3.0/84, ML2.9/12(NECDC), Error ellipse: s-maj=12.9km s-min=8.4km az=269.0, Off coast of northern California

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

Table with columns: KRPM, Rodgers, 1.64 115, Pn, 05 10 49.4 -0.6, etc.

BUI 14 05:15:51.7: 39.35N:71.77E, h5km, mb4.7/43, mb4.9/18, ML4.8/6, Ms4.5/21, Ms7.4/12

SOME 14 05:15:53.9: 39.37N:72.73E, h15km, IDC 14 05:15:55.3: 0.4, 39.19N:72.73E, h0km, mb4.5/40, mblmp4.6/47, ML4.2/7, MS3.8/8, Error ellipse: s-maj=8.1km s-min=6.7km az=151.0

MOS 14 05:15:55.9: 1.3, 39.19N:72.18E, h11km, mb4.9/46, MS4.2/10, Error ellipse: s-maj=4.4km s-min=3.3km az=84.1

NEIC 14 05:15:57.3: 1.2, 39.27N:0.04:72.22E:0.05, h10km, 1km, mb4.8/105, Error ellipse: s-maj=8.1km s-min=5.8km az=32.0

KRNET 14 05:15:58.2: 0.1, 39.44N:72.13E, h22km, mb5.0, NNC 14 05:16:01.0: 2.9, 39.50N:72.27E, h0km, mb5.4, mpv5.0, Error ellipse: s-maj=29.4km s-min=17.9km az=176.0

ISC 14 05:15:57.1: 0.5, 39.28N:0.03:72.17E:0.02, h9km, 2km, h9km-pP, n526, s198/635, mb4.8/165, MS4.2/18, 74C-47D, Kyrgyzstan

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

Table with columns: BTK, Batken, 1.30 307, Pn, 05 10 49.4 -0.6, etc.

AAK 14 05:15:51.7: 39.35N:71.77E, h5km, mb4.7/43, mb4.9/18, ML4.8/6, Ms4.5/21, Ms7.4/12

SOME 14 05:15:53.9: 39.37N:72.73E, h15km, IDC 14 05:15:55.3: 0.4, 39.19N:72.73E, h0km, mb4.5/40, mblmp4.6/47, ML4.2/7, MS3.8/8, Error ellipse: s-maj=8.1km s-min=6.7km az=151.0

MOS 14 05:15:55.9: 1.3, 39.19N:72.18E, h11km, mb4.9/46, MS4.2/10, Error ellipse: s-maj=4.4km s-min=3.3km az=84.1

NEIC 14 05:15:57.3: 1.2, 39.27N:0.04:72.22E:0.05, h10km, 1km, mb4.8/105, Error ellipse: s-maj=8.1km s-min=5.8km az=32.0

KRNET 14 05:15:58.2: 0.1, 39.44N:72.13E, h22km, mb5.0, NNC 14 05:16:01.0: 2.9, 39.50N:72.27E, h0km, mb5.4, mpv5.0, Error ellipse: s-maj=29.4km s-min=17.9km az=176.0

ISC 14 05:15:57.1: 0.5, 39.28N:0.03:72.17E:0.02, h9km, 2km, h9km-pP, n526, s198/635, mb4.8/165, MS4.2/18, 74C-47D, Kyrgyzstan

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

Table with columns: ZAK, comp, pmax, pmax, 05 21, 17.0, -0.6, etc. Includes entries for SOCI, Divnogorie, Strozevoye, Voronezh, Songino Array, etc.

Table with columns: NRK, comp, 10c, P, 05 22, 16.7, +0.2, etc. Includes entries for Noril'sk, PHRA, Malin Array, etc.

Table with columns: VYHS, ARAS, ARCES, ARCES Array B, etc. Includes entries for ARCES Array B, MORV, Podgorica, etc.

Table with station names like WAKE ISLAND, H1S1, H1S3, MKAR and their respective coordinates and error ellipses.

SOME 14 05:49:30.1, 39.78N-74.03E, h0km
NCC 14 05:49:32.7, 3.1, 39.79N-74.19E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=101.0km s-min=20.6km az=110.0

Table with station names like Tokmak 2, KST, DGS, IUG, CHHK and their respective coordinates and error ellipses.

IDC 14 06:28:08.5, 5.9, 36.52N-71.32E, h168km, 54km, mb3.4/5, mbtmp3.9/11, Error ellipse: s-maj=45.1km s-min=21.4km az=23.0

NCC 14 06:28:17.6, 2.4, 37.24N-71.26E, h220km, 34km, mb2.8, mpv3.9, Error ellipse: s-maj=24.6km s-min=14.5km az=13.0

ISC 14 06:28:12.4, 1.1, 36.83N-101.71E, h200km, n22, 139/26, mb3.3/5, 3C-4D, Afghanistan-Tajikistan border region

Large table with station names like AML, UCH, EKS2, KK31, AAK, AAK, AAK, AAK, USP, TKM2, TKM2, TKM2, MKAR, KURBB, AB31, BVAR, AKTO, ZALV, FINES, HFS, TORD, WRA, ASAR and their respective coordinates and error ellipses.

IDC 14 06:37:01.1, 1.3, 16.67S-69.54W, h178km, 9km, mb3.4/3, mbtmp4.0/6, Error ellipse: s-maj=23.9km s-min=19.4km az=141.0

ISC 14 06:36:59.1, 0.8, 16.78S-007.6972W, 0.08, h173km, n11, 246/11, Peru-Bolivia border region

Table with station names like LPAZ, LVC, LVC, SIV, NNA, H03N1, H03N2, H03N3, BDFB, PLCA, TORD, SONM and their respective coordinates and error ellipses.

SOME 14 07:12:34.3, 39.47N-72.00E, h10km
KRN14 07:12:36.2, 0.1, 39.38N-72.18E, h21km, mb3.4
NCC 14 07:12:38.7, 4.8, 39.58N-71.92E, h0km, mb3.9, mpv3.5,

Error ellipse: s-maj=38.7km s-min=19.4km az=177.0
ISC 14 07:12:37.8, 1.3, 39.45N-0.05-72.08E, 0.03, h7km, 9km,

Large table with station names like DRK, BTK, BTK, OHH, OHH, SFK, SFK, GAR, GAR, SALK, SALK, ARSB, ARSB, TRKS, TRKS, ARK, ARK, ARK, CHGR, CHGR, AML, AML, AML, ARLS, ARLS, MNAS, MNAS, IUG, IUG, IUG, UCH, UCH, UCH, MRKS, MRKS, EKS2, EKS2, NRN, NRN, AAK, AAK, AAK, AAK, AAK, AAK, KK31, KK31, KKAR, KKAR, KBK, KBK, BRLS, BRLS, BRLS, CHMS, CHMS, CHMS, CHMS, BOOM, BOOM, ULHL, ULHL, ULHL, USP, USP, USP, TKM2, TKM2, TKM2, TKM2, SGDS, SGDS, KST, KST, KST, KST, DGS, DGS, DGS and their respective coordinates and error ellipses.

Table with station names like DGS, MTBS, MTBS, TNS, TNS, TNS, TNS, MDOK, MDOK, MDOK, MDOK, AB31 and their respective coordinates and error ellipses.

SSNC 14 07:16:24.5, 1.1, 17.71N-81.44W, h10km, MD3.9, ML2.9, North of Honduras

Table with station names like MTJD, MTJD, MTJD, MTJD, MG, MG, LMGC, LMGC, LMGC, LMGC, SOR, SOR, CHV, CHV, CAMR, CAMR, MARVS, MARVS, RCC, RCC, RCC, RCC, PNC, PNC, PNC, PNC, MAS, MAS and their respective coordinates and error ellipses.

IDC 14 07:47:03.6, 2.1, 5.99S-130.33E, h0km, mb3.8/2, mbtmp3.6/4, ML3.7/2, Error ellipse: s-maj=145.5km s-min=28.9km az=71.0, Banda Sea

Table with station names like WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB and their respective coordinates and error ellipses.

NEIC 14 08:01:42.3, 2.9, 32.14N-115.04W, 0.02, h10km, 2km, Error ellipse: s-maj=4.5km s-min=3.1km az=312.0

ECX 14 08:01:43.1, 0.7, 32.19N-115.11W, h12km, 3km, MD3.3, ML3.5

MEX 14 08:01:43.7, 0.5, 32.25N-114.90W, h16km, 8km, MD4.1 PAS 14 08:01:43.5, 2.3, 32.16N-102.115.06W, 0.02, h19km, 5km, ML3.3/190, ML3.4/40(NEIC), Error ellipse: s-maj=3.0km s-min=2.0km az=117.0

ISC 14 08:01:43.6, 0.8, 32.18N-102.115.08W, 0.02, h18km, 2km, n94, r103/134, 7C-3D, California-Baja California border region

Large table with station names like RITX, RITX, AGSX, AGSX, GUVIX, GUVIX, GUVIX, GUVIX, RHX, RHX, RHX, MBIG, MBIG, MBIG, PESCX, PESCX, CTLX, CTLX, CTLX, CPBX, CPBX, CPBX, CPBX, EDOMX, EDOMX, SLRCX, SLRCX, SLRCX, UABC, UABC, 5054, 5054, ALAMX, ALAMX, ALAMX, EMSC, EMSC, 5053, 5053, COA, COA, DREC, DREC, DREC, SNR, SNR, SNR, ESJX and their respective coordinates and error ellipses.

14d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Westside School, Imperial, Yuha Desert, etc.

ECX 14 08:04:11.0-0.6,32.20N:115.11W,h13km,2km,MD2.9,ML3.1
NEIC 14 08:04:11.2-2.1,32.14N:0.02:115.06W:0.01,h10km,2km,
Error ellipse: s-maj=4.6km s-min=3.0km az=332.0
PAS 14 08:04:12.4-1.9,32.21N:0.02:115.05W:0.02,h16km,5km,
ML2.9,ML3.0,0.26(NEIC),Error ellipse: s-maj=2.8km
s-min=2.5km az=103.0
MEX 14 08:04:13.2-0.7,32.18N:115.08W,h15km,MD3.9
ISC 14 08:04:11.9-0.8,32.19N:0.02:115.08W:0.02,h18km,2km,
n71,0596/104,8C-6D,California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGSX, RITX, GUVIX, etc.

2018 OCT

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBIG, PESCX, CTX, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like D25K, H24K, A22K, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like D25K, D24K, C26K, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like G21K Allakaket, H22K Ishaitaina Cre, G29M Pine Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BPAW Bear Paw Mtn., C18K Utukok River, K27K Chicken, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like O30N Mendenhall, M16K Timber Creek, N17K Nusagak Hills, etc.

ADC 14 08:56:24.3, 2.1, 6.22S: 129.79E, h0km, mb4.1/1, mbtmp4.0/4, ML4.0/3, Error ellipse: s-maj=93.1km

DJA 14 08:56:39.4, 0.5, 7.54: 133.0E, h174km, 12km, M4.3/10, mb4.0/6, mB4.8/2, MLv4.5/10, Mw(mB)4.0/2

ISC 14 08:56:39.0-0.9, 6.61S: 0.08: 129.98E: 0.09, h146km, n17, g255/19, Banda Sea

Code Station Name Az AZZ Phase ID Time Res ISC SAUI Saumlaki 1.89 136 P Pn 08 57 15.7 +3.1

Code Station Name Az AZZ Phase ID Time Res ISC WRA Warramunga Arr 13.91 163 Pn Pn 08 59 47.5 -2.5

Code Station Name Az AZZ Phase ID Time Res ISC COEN Coen 14.89 120 P P 09 00 05.5 +1.1

Code Station Name Az AZZ Phase ID Time Res ISC D25K Kavir River 0.18 338 Op Pg ISC 08 57 48.6 +0.7

Code Station Name Az AZZ Phase ID Time Res ISC H24K Noodor Dome 3.40 192 Pn IAML 08 57 36.3 -0.8

Code Station Name Az AZZ Phase ID Time Res ISC I1L3 Eielson Array 4.41 184 Pn Pn 08 57 51.2 +0.2

Code Station Name Az AZZ Phase ID Time Res ISC MLY Manley 4.51 205 Pn Pn 08 57 26.6 +1.7

Code Station Name Az AZZ Phase ID Time Res ISC WRH Wood River Hill 4.71 189 IAML 08 57 29.0 +1.3

Code Station Name Az AZZ Phase ID Time Res ISC C19K Lookout Ridge 4.72 276 IAML 08 57 28.7 +0.9

Code Station Name Az AZZ Phase ID Time Res ISC I29M Ogilvie Camp 4.88 138 Pn Pn 08 57 58.0 +0.6

Code Station Name Az AZZ Phase ID Time Res ISC F31M Tsigeitich 4.93 105 IAML 08 58 07.1 +1.7

Code Station Name Az AZZ Phase ID Time Res ISC F19K Shalerucik Mo 4.94 247 Pn Pn 08 57 58.7 +0.5

Code Station Name Az AZZ Phase ID Time Res ISC BPAW Bear Paw Mtn. 5.42 203 Pn Pn 08 58 04.9 0.0

Code Station Name Az AZZ Phase ID Time Res ISC ATAH Athalupa 88.91 113 LR LR 09 54 36.7

MDD 14 09:21:30.4, 0.3, 32.91N: 10.28W, h16km, 11km, Mb4.4/15, M, mb3.8/15, Error ellipse: s-maj=12.4km s-min=4.4km

14d 10h

INMG 14 09:21:33.3±2.5, 32.75N±10.38W, h32km, ML2.9, Error ellipse: s-maj=10.8km s-min=6.2km az=81.0

ISC 14 09:21:25.6±1.6, 32.83N±0.04±10.39W±0.08, h10km, n69, c#238/76, 14C, Madeira Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like EAH, SRHM, AVE, etc.

2018 OCT

Table with columns: ELOB, Lobios, 9.21 11 P, Pn, 09 23 40.0+1.4, 09 23 44.0. Includes stations like Cofrentes, Val, Torete.

NEIC 14 09:57:41.8±2.4, 7.8N±0.2±37.8W±0.1, h10km, 1km, mb4.4/13, Error ellipse: s-maj=27.5km s-min=16.5km az=332.0

IDC 14 09:57:41.1±1.0, 7.76N±37.72W, h0km, mb4.0/7, mbtmp4.0/7, MS3.5/18, Error ellipse: s-maj=37.1km s-min=19.9km az=150.0

ISC 14 09:57:41.5±0.7, 7.7N±0.1±37.7W±0.1, h10km, n45, c#130/21, mb4.2/13, MS3.6/17, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Riachuelo, Babate, Boa Vista, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like BARC, BRUC, BRUC, etc.

TEH 14 10:35:13.5, 34.84N±45.75E, h27km, 48km, ML2.9, ISN 14 10:35:13.7±0.4, 34.86N±45.72E, h14km, 4km, ML2.8

ISC 14 10:35:14.3±0.4, 34.83N±0.05±45.74E±0.04, h10km, n12, c#089/16, Iran-Iraq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like KGS1, DHR, GLG1, etc.

DJA 14 10:35:29.9±0.4, 9°S±6'±11°9'E±, h10km, M4.2/9, mb4.6/2, ML4.0/9, Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like WBS1, WBS1, PLAI, etc.

IDC 14 10:43:55.1±48.0, 16.92S±175.22W, h0km, mb4.3/3, mbtmp4.3/3, Error ellipse: s-maj=907.4km s-min=162.4km az=79.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like STKA, WRA, ASAR, etc.

SOME 14 10:58:47.7, 45.72N±84.58E, h0km, NNC 14 10:58:49.6±7.1, 45.81N±85.25E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=51.0km s-min=31.8km az=114.0

ISC 14 10:58:51.7±4.8, 45.9N±0.2±84.8E±0.1, h10km, n6, c#364/7, 2C-4D, Northern Xinjiang

KURK Kurchatov 6.35 322 fLg Lg 11 02 14.7

IDC 14 11:07:47.3-0.6,52.43Sx13.14E,h0km,mb4.5/14, mbmp4.5/14,MS4,0.29,Error ellipse:s-maj=21.2km s-min=16.6km az=65.0, NEIC 14 11:07:50.0-1.3,52.6S:0.1x12.9E:0.2,h10km,1km, mb5.0/35,Error ellipse:s-maj=21.1km s-min=17.4km bz=116.0

ISC 14 11:07:49.3-0.4,52.50S:0.08x12.95E:0.09,h10km,n100, o#84/62,mb4.7/27,MS4,0.29,5C, Southwest of Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TROLL, SNAEA, VNA1, VNA2, SUR, MAW, LBTB, BELA, TSUME, ESPZ, QSPA, H10S2, H10S3, SBA, MBAR, KIBK, KMBO, PLCA, CPUP, ACRC, DBIC, DBIC, AQDB, CO01, CO06, LCO, AC06, FURI, TORD, TORD, PTLB, H01W2, H01W3, H01W1, MCQ, BBTS, LPAZ, LPAZ, SAML, SAML, ETMB, ETMB, BBOO, BBOO, BOAV.

BOAV comp=Z,12nm,1.2s Iamb Iamb 11 20 10.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALK, EIL, STKA, STKA, SNZO, WSAR, MDT, MMTAI, KEST, IDI, ASAR, ASAR, ASAR, AS31, URZ, VAE, HYR, WRA, WRA, WRO, WRO, ESDC, ESDC, SOEI, GNI, DAVOX, RKT, DZM, TBI, TBI, PPT2, PPT2, PPT2, SONM, TXAR, PDAR, NVAR, LYMT, PNTR, BFMD, PMFD, OVMT, AVDT, YKA, ILAR.

JMA 14 11:25:12.1-0.1,24.0N:1.0x122.3E:0.4,h34km,4km, MV2.8/11,TAIWAN REGION, TAP 14 11:25:12.6,24.02N:122.25E,h27km,ML3.0,C ISC 14 11:25:12.2-0.9,24.00N:0.03x122.26E:0.03,h31km,7km, n93,o#079/121,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like E0S4, E0S4, E0S3, E0S3, E0S2, E0S2, EAHA, ETL, TWD, TWD, TEYL, TEYL, EWUT, NACB, NACB, NACB, SHUL, ESOA, ESOA, ETC, ETC, TWC, ETLH, ETLH, LXIB, LXIB, JYNG, JYNG, NDS, YOJ, YOJ, YOJ, WARB, WARB, LATG, LATG, ENTJ, ENTJ, TWE.

NNSB Datong 0.90 298 eP Pn 11 25 28.8 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNSB, HGSD, WHF, WHF, NNS, NNS, NNS, FUSB, EHY, EHY, ECBN, TDCB, NWLT, NWLT, WUSB, YHNB, YHNB, TIPB, TIPB, NSK, YULB, YULB, EYUL, TWF1, CHKH, SKX1, FULB, TATO, SSLB, SSLB, NFB, WHP, WHP, WCS, EHD, TYC, LIOB, LIOB, NSTT, NSTT, ECS, WHYT, EDH, EDH, IRIF, ELDTW, WJS, ALS, ALS, NSY, CHN5, CHN5, CHN5, LDUT, LDUT, LDUT, STYH, TWGB, TWG, WCKO, JKRS, TPUB, TPUB, TPUB, CHN4, WTP, JIJ, TWK, CHN1, SLGT, SGST, SGST, SNST, SNST, ECL, TSMG, JISG, MASBT, EAST, TSCK, SCBT, PHUB, PNG, PNG, PNG, DJA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJA, SKJI, SKJI, SBJI, SBJI, DBJI.

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

IDC 14 11:39:52.0,0.9, 19:18N,155:62'W, h0km, mb3.9/8, mblmp3.9/8, MS5.5/6, Error ellipse: s-maj=20.8km

NEIC 14 11:39:52.3,1.7, 18:92N,0:03:155:23'W,0.02, h5km,7km, Error ellipse: s-maj=5.3km s-min=1.0km az=150.0

HVO 14 11:39:52.2,2.4, 18:87N,0:03:155:23'W,0.03, h11km,5km, ML3.9/58, mb4.5/56(NEIC), ML4.1/32(NEIC), Error ellipse: s-maj=5.4km s-min=3.3km az=148.0

ISC 14 11:39:52.1,0.8, 18:95N,0:06:155:27'W,0:04, h10km, n106, c1938/94, mb4.4/34, MS3.4/6, Hawaiian Islands

Main table of station data for the 14d 12h period, including station names, coordinates, and seismic data.

Table of seismic events for 2018 OCT, including event codes (R08A, ELK, etc.), station names, coordinates, and seismic data.

IDC 14 12:23:10.9,0.4, 41:90S,88:36'E, h0km, mb4.0/9, mblmp4.0/9, MS4.5/1, Error ellipse: s-maj=33.6km

NEIC 14 12:23:14.7,1.4, 41:8S,0:1:88:40'E,0.07, h10km,1km, mb4.5/14, Error ellipse: s-maj=21.5km s-min=8.5km az=179.0

GCMT 14 12:23:16.7,0.4, 41:89S,0:02:88:49'E,0.03, h24km,2km, MW5.0/64, Moment Tensor Solution, s42,c46; s64,c20;

ISC 14 12:23:14.2,0.6, 41:8S,0:1:88:40'E,0.1, h15km, n39, c1924/29, mb4.3/16, 4C, Southeast Indian Ridge

Main table of seismic event data for 2018 OCT, including event codes, station names, coordinates, and seismic data.

Table of seismic events for 2018 OCT, including event codes (SNA4, SNA5, etc.), station names, coordinates, and seismic data.

OTT 14 12:25:15.5,0.2, 42:16N,55:63'W, h18km, ML3.9/21, Atlantic Ocean, 543km southeast from Louisbourg, Ns,

Main table of seismic event data for 2018 OCT, including event codes, station names, coordinates, and seismic data.

IDC 14 12:41:09.8,0.5, 42:11S,88:48'E, h0km, mb4.3/22, mblmp4.2/22, MS5.4/36, Error ellipse: s-maj=17.9km

BLL 14 12:41:10.9, 42:13S,88:36'E, h4km, mb5.0/66, mb5.5/56, MS5.9/75, Ms7.5, 7/72

MOS 14 12:41:11.8,0.9, 42:26S,88:44'E, h10km, mb5.3/42, Error ellipse: s-maj=14.9km s-min=7.9km az=91.5

IPGP 14 12:41:14.0, 42:30S,88:66'E, h14km, Mw6.0, Fault plane solution: NP1:phi=47.00000°, lambda=176.00000°

NEIC 14 12:41:14.4, 42:29S,0:10:88:7E,0.1, h10km,1km, mb5.4/89, Ms2.0, 5.8/559, Mw6.5/839, Mw6.5/929, Error ellipse: s-maj=16.5km s-min=14.6km az=193.0

Moment Tensor Solution, Moment tensor: Scale 10^17Nm, Mno:1.5, M65:33, M66:5.48, M67:0.45, M68:0.00; M69:0.00; M70:0.00; M71:0.00; M72:0.00; M73:0.00; M74:0.00; M75:0.00; M76:0.00; M77:0.00; M78:0.00; M79:0.00; M80:0.00

NEIC 14 12:41:14.1, 42:31S,88:69'E, h10km

Table of station data for 14d 12h period. Columns include station name, elevation, frequency, and various parameters like IAMS_20, IAMS_21, etc.

Table of station data for 2018 OCT period. Columns include station name, elevation, frequency, and various parameters like IAMS_20, IAMS_21, etc.

Table of station data for 2018 OCT period, including station names like VTX, ELS, TKX, LON, ISA, etc., and their respective parameters.

IDC 14 12:45:53.2±5.0, 27.045:66.47E, h0km, mb3.8/5, mbmtp3.8/5, Error ellipse: s-maj=142.9km s-min=40.4km az=57.0, Indian Ocean Triple Junction

ANF 14 12:53:29.4±0.3, 59:55N-136:37W, h0km, Error ellipse: s-maj=2.5km s-min=1.7km az=47.0, Southeastern Alaska

ANF 14 12:53:46.3±0.2, 59:55N-136:34W, h1km, 1km, ML2.8/21, Error ellipse: s-maj=1.4km s-min=1.1km az=51.0, AEIC 14 12:53:46.2±0.2, 59:51N-0:03:136.26W, 0.05, h5km, 5km, ML2.4, ML2.2/72(NEIC), Error ellipse: s-maj=4.6km s-min=3.7km az=163.0, PGC 14 12:53:47.3±0.0, 59:52N-136:35W, h2km, ML2.4, ML2.6/22, 77km Whw of Haines, AK Southeastern Alaska, NEIC 14 12:53:47.5±0.2, 59:51N-0:03:136.31W, 0.04, h1km, 7km, Error ellipse: s-maj=2.8km s-min=1.6km az=70.0, ISC 14 12:53:47.0±0.7, 59:51N-0:02:136.33W, 0.02, h10km, n119, e19190, Southeastern Alaska

Table of station data for 2018 OCT period, including station names like PLBC, SKAG, P30M, P29M, etc., and their respective parameters.

Table with columns: P32M, Atlin, 1.33 86, Pn, Sn, 12 54 11.9 -0.2, etc. Includes entries for Whitehorse, Mount Kennedy, Eaglecrest, etc.

Table with columns: TABL, comp=N,37nm,3.7s, IAML, 12 54 46.8, etc. Includes entries for Logan Glacier, Jennings River, Drury Creek, etc.

Table with columns: TUL3, comp=Z,24nm,1.1s, Iamb_Lg, 12 56 35.2, etc. Includes entries for Cape Leeuwin, Crozet Islands, Diego Garcia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include P33M Teslin, Yukon; P33M Teslin, Yukon; P33M Teslin, Yukon; P33M baz=251; N30M Aishikik Lake; N30M Aishikik Lake; N30M baz=169; N31M Braeburn, Yuko; N31M Braeburn, Yuko; N31M baz=188; PCA Pinnacle; Q32M Nakina River; S32K Killisnoo; O28M Mount Upton; O28M Mount Upton; O28M Mount Upton; N32M Quiet Lake; N32M Quiet Lake; SAMH Samovar Hills; R33M Jennings River; M30M Minto, Yukon; M29M Somme Creek; M29M Somme Creek.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TXAR 0.2nm, 0.3s, baz=328; TXAR 0.2nm, 0.3s; NVAR Mina Array Bea; ELK Elko; PDAR Pinedale Array; ILAR Eielson Array; H03N2 Juan Fernandez; H03N1 Juan Fernandez; H03N3 Juan Fernandez; SJA 14 13:34:08.1; IDC 14 13:34:09.3; NEIC 14 13:34:09.3; VAO 14 13:34:09.8; GUC 14 13:34:11.1; ISC 14 13:34:09.5.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PLTB Pedras Altas; PDRB Porto dos Gas; CNLB Canela; ITRB Iturama; FRTB Fatura; ARAC Araxá, Minas, MT; CZSB Cruzeiro do S; MAJ01 Sao Joao Batis; G006 Curarehue; BB19B Beldouro; RCLB Rio Claro-Sao; SPB Sao Paulo; PLCA Paso Flores; PLCA Paso Flores; IPMB Ipameri, GO; VAO Valinhos; VAO Valinhos; SDBS Serra Nova Dou; BDFB Brasilia; BDFB Brasilia; BDFB Brasilia; NPGBO Novo Progresso; PARB Parauapebas; PMNB Patos De Minas; TEF Tefe; UBATUBA Ubatuba-SU; MACA Manacapuru-AM; MACA Manacapuru-AM; ITTB Itaituba; DIAM Diamantina, MG; JANB Januaria; SMTB Santa Maria do; SDBA SAO DESIDERIO; PRPB Parauapebas; RIB01 Ribeiros Es; AN10 Guarani, ES; BOAV Boa Vista; BOAV Boa Vista; GU01 Guaratinga, BA; BELA Belagran 2; SNAAS Sanae; SNAAS Sanae; TROLL Troll, Antart; TXAR Lajitas Array; QSPA South Pole Qui; QSPA South Pole Qui; QSPA South Pole Qui; DBIC Dimbokro; ISCO Idaho Springs; SRU San Rafael Sve; TORO Torod; TORO Torod; PDAR Pinedale Array; NVAR Mina Array Bea; RLMT Red Lodge; YNE Yellowstone N; HLID Hailey; HLID Hailey; PLID Pearl Lake; PLID Pearl Lake; MAW Mawson; ASAR Alice Springs; WRA Warramunga Arr; ZALV Zalesovo Ben; MKAR Makanchi Array.

IDC 14 13:03:42.7, 0.9, 38.05S; 75.43W, h0km, mb4.0/8, mbmp3.9/10, ML3.8/2, Error ellipse: s-maj=31.4km s-min=18.8km az=77.0

GUC 14 13:03:49.0, 0.6, 38.35S; 75.10W, h14km, 9km, ML4.0

ISC 14 13:03:49.0, 0.7, 37.98S; 007.7525W, 0.08h, h10km, n30, az=196/35, mb4.1/10, 4.0, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BI04 Isla Mocha; LC02 Puerto Saavedr; LC02 Puerto Saavedr; LC02 Puerto Saavedr; LR02 Universidad Au; LR02 Universidad Au; LR03 Panguipulli; LR03 Panguipulli; LR03 Panguipulli; G006 Curarehue; LR05 Currie; BI02 San Fabin de; BI02 San Fabin de; LL04 Puerto Octay; LL05 Los Muermos; LL05 Los Muermos; PLCA Paso Fios; PLCA Paso Fios; H03S1 Juan Fernandez; H03S1 Juan Fernandez; H03S2 Juan Fernandez; H03S2 Juan Fernandez; H03S3 Juan Fernandez; H03S3 Juan Fernandez; H03S3 Juan Fernandez; H03N3 Juan Fernandez; H03N3 Juan Fernandez; H03N1 Juan Fernandez; H03N1 Juan Fernandez; H03N1 Juan Fernandez; H03N2 Juan Fernandez; H03N2 Juan Fernandez; H03N2 Juan Fernandez; CPUP Villa Florida; CPUP Villa Florida; LPAZ La Paz; LPAZ La Paz; VNA3 Neumayer Olymp; VNA2 Neumayer-Watz; SNAAS Sanae; SNAAS Sanae; SNAAS Sanae; TROLL Troll, Antart; QSPA South Pole Qui; MAW Mawson; TXAR Lajitas Array; DBIC Dimbokro; PDAR Pinedale Array; TORD Torodi Ar; BVAR Borovoye Array; IDC 14 13:06:19.3; MEX 14 13:06:23.0; ISC 14 13:06:21.4; Code Station Name; SLBS Sierra La Lagu; SLBS La Paz; LPIG La Paz; TSIG Topolobambo; TSIG Topolobambo; MAIG Mazatlan; PDIG Papasquiaro; PDIG Papasquiaro; H06E1 SOCORRO T-PHAS; TXAR Lajitas Array; TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AF01 San Pedro de A; AF01 San Pedro de A; AF01 San Pedro de A; AF01 San Pedro de A; VYA Yavi; VLA San Lorenzo; LVC Limon Verde; LVC Limon Verde; LVC Limon Verde; LVC Limon Verde; LVC Limon Verde; LVC Limon Verde; PB09 IPOC Station P; PB09 IPOC Station P; PB09 IPOC Station P; FSA Cafayete; PB04 IPOC Station P; PB04 IPOC Station P; PB04 IPOC Station P; PB04 IPOC Station P; PB04 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PB14 IPOC Station P; PATCX Punta Patache; PATCX Punta Patache; PATCX Punta Patache; AHML Horco Molle; TA01 Diego Aracena; TA01 Diego Aracena; TA01 Diego Aracena; GO01 Chusmiza; GO01 Chusmiza; GO01 Chusmiza; TA02 Huaquiueque; AC01 Pan de Azucar; AC01 Pan de Azucar; AC01 Pan de Azucar; GUSE Guasayan; AC06 Mina Casimiro; AC03 Copiapo; AC03 Copiapo; PB18 Visiviri; FDYF Filadelfia; AC04 Llanos de Chal; AC05 El Transito; LPAZ La Paz; LPAZ La Paz; LPAZ La Paz; LCO Las Campanas; CO01 Juntas del Tor; PAPP Tozo Azul; GO04 Tololo Observa; MBSD Serra de San D; CO03 El Pedregal; BURT Porto Martinho; SIV San Ignacio; CPUP Villa Florida; BDNQ Bodoqueua, MS; SJPY San Joaquin; PDRD Pontes e Lacer; PTLB Pontes e Lacer; AQDB Aquidauana; AQDB Aquidauana; AMBA Amambai (Brazi); MT13 San Alfonso; PSAL Palapas, Salto; VILB Vilhena; VILB Vilhena; BO01 Tunca; BO02 Sierra Bellavi; RPRD Ribas do Rio P; R0DS Rosario do Sul; SALV Santo Antonio; ETMB Extrema; PTGB Pitanga; ITAB Concordia; CPBS Cacapeva Do Su; BI02 San Fabin de; LDASE Londrina, Braz; SAML Samuel; SAML Samuel.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PLTB Pedras Altas; PDRB Porto dos Gas; CNLB Canela; ITRB Iturama; FRTB Fatura; ARAC Araxá, Minas, MT; CZSB Cruzeiro do S; MAJ01 Sao Joao Batis; G006 Curarehue; BB19B Beldouro; RCLB Rio Claro-Sao; SPB Sao Paulo; PLCA Paso Flores; PLCA Paso Flores; IPMB Ipameri, GO; VAO Valinhos; VAO Valinhos; SDBS Serra Nova Dou; BDFB Brasilia; BDFB Brasilia; BDFB Brasilia; NPGBO Novo Progresso; PARB Parauapebas; PMNB Patos De Minas; TEF Tefe; UBATUBA Ubatuba-SU; MACA Manacapuru-AM; MACA Manacapuru-AM; ITTB Itaituba; DIAM Diamantina, MG; JANB Januaria; SMTB Santa Maria do; SDBA SAO DESIDERIO; PRPB Parauapebas; RIB01 Ribeiros Es; AN10 Guarani, ES; BOAV Boa Vista; BOAV Boa Vista; GU01 Guaratinga, BA; BELA Belagran 2; SNAAS Sanae; SNAAS Sanae; TROLL Troll, Antart; TXAR Lajitas Array; QSPA South Pole Qui; QSPA South Pole Qui; QSPA South Pole Qui; DBIC Dimbokro; ISCO Idaho Springs; SRU San Rafael Sve; TORO Torod; TORO Torod; PDAR Pinedale Array; NVAR Mina Array Bea; RLMT Red Lodge; YNE Yellowstone N; HLID Hailey; HLID Hailey; PLID Pearl Lake; PLID Pearl Lake; MAW Mawson; ASAR Alice Springs; WRA Warramunga Arr; ZALV Zalesovo Ben; MKAR Makanchi Array; TIF 14 13:51:26.4; DRS 14 13:51:26.9; MOS 14 13:51:26.7; IDC 14 13:51:27.0; NORS 14 13:51:27.0; Code Station Name; DLMR Dylm; DLMR Dylm; DLMR Dylm; DLMR Vedeno; DLMR Vedeno; DLMR Vedeno; DBC Dubki; DBC Dubki; DBC Dubki; KRNRR Karanay; KRNRR Karanay; KRNRR Karanay; BTLR Botlikh; BTLR Botlikh; UNCR Uncukul; UNCR Uncukul; UNCR Uncukul; UNCR Uncukul; BUJR Buynaks; BUJR Buynaks; BUJR Buynaks; BUJR Khunzak; BUJR Khunzak; BUJR Khunzak; ARKR Arakan; ARKR Arakan; ARKR Arakan.

Table with columns: ARKR, Arakani, 0.72 142i, eP, Pn, 13 51 43.2 +0.4, etc. Includes stations like MAK, GNBR, KMKR, SGKR, etc.

Table with columns: KIV, Kislovodsk, 2.80 287i, eS, Pn, 13 52 09.6 +0.4, etc. Includes stations like ALER, GOF, GNI, etc.

Table with columns: s-min=24.8km az=75.0, MEX 14 13:51:49.4, 15:32N:98:49W, h0km, 12km, MD4.6, etc. Includes stations like CRIG, YOIG, MGIG, etc.

14d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR, PPT, PLCA, WRA.

IDC 14 13:54:30.1±1.0, 30.445x60.86E, h0km, mb3.7/8, mbmp3.7/8, Error ellipse: s-maj=30.4km s-min=24.1km

ISC 14 13:54:31.8±0.9, 30.45x60.86E, h10km, n14, c1506/8, mb3.8/8, Southeast Indian Ridge

Main table for IDC and ISC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HO4N2, MAW, H01W2, GSPA, CMAR, ASAR, WRA, TORD, MKAR.

WEL 14 14:02:12.2±0.7, 42°S, 3°W, 17.9E, h33km, M3.4/11, ML3.6/31, MLV3.4/11, Error ellipse: s-maj=4.9km s-min=6.2km az=125.9, confirmed, Off east coast of North Island

Main table for WEL stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANWZ, BFZ, PXZ, TMWZ, TRMS, TIWZ, WPHZ, PRWZ, MAVS, PAWZ, HOWZ, POWZ, MRZ, TSZ, PLWZ, MCHZ, MSWZ, KRHZ, ARHZ, KWHZ, RAHZ, BKZ, SNWZ, MTHZ, MOVZ, MRHZ, VNVZ, MWZ, TRVZ, ETWZ, FWVZ, SNVZ, OTVZ, TMVZ, NGZ, COVZ, SNVZ, MUGZ, PKVZ, URVZ, PKGZ, VRZ, NEZ, HIZ, PKE, MGZ.

KRSC 14 14:21:8.1, 49.24N, 157.04E, h40km, 26km, M13.8, East of Kuril Islands

Table for KRSC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR, KRTR, KDR, ASAK.

2018 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTRV, GRL, KMRM, PELK, DALK, UGLR, AVH, KRX, KBTR.

JMA 14 14:17:12.6±0.1, 38.7N, 0°E, 3.142°E, 0.8, h39km, 1km, MV3.7/38, E OFF MIYAGI PREF

JMA Felt J1 at E OFF MIYAGI PREF

IDC 14 14:17:13.5±3.0, 38.79N, 142.59E, h59km, 23km, mb3.3/5, mbmp3.5/8, ML2.9/3, Error ellipse: s-maj=34.0km s-min=13.3km az=112.0

ISC 14 14:17:10.6±2.4, 38.64N, 0.06°E, 142.3E, 0.1, h25km, 15km, n24, c1924/25, mb3.6/5, 12D, Near east coast of eastern Honshu

Main table for IDC and ISC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OFUJ, JKMT, JKH, JIO, JMK, JOM, JTH, JMM, JRG, JYK, MJAR, ASAJ, USRK, H1N12, H1N11, H1N3, H1S1, H1S3, H1S2, ZALV, MKAR, KURB, BVAR, WRA.

TAP 14 14:19:38.4, 23.99N, 122.27E, h17km, ML2.6, C JMA 14 14:19:38.6±0.2, 24°N, 1°E, 122.3E, 0.4, h20km, 3km, MV2.4/14, TAIWAN REGION

ISC 14 14:19:39.1±1.0, 23.99N, 103.122°E, 0.02, h19km, 2km, n87, c0950/103, Taiwan region

Main table for TAP and ISC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EOSA, EOS4, EOS3, EOS2, ETL, TWD, EWUT, NACB, SHUL, ESAO, ETC, ETLH, ETLH, JYNG, LXIB, NDS, YOJ, YOJ, YOJ, WARBT, LATG, EGS, ENT, TWE, HGSD, NNSB, WHF, NNS, FUSB, EHY, OWD.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWT, NWLT, WUSE, TIPB, YHNB, YHNB, YULB, YULB, YULB, YULB, NSK, EYUL, TWF1, TWF1, CHKH, SWI, XIA, FULB, TATO, SSSL, SSSL, NFF, WCS, WHP, TYC, YMO1, LIOB, LIOB, NSTT, WHYT, EDH, IRIF, ELDTW, HATJ, AHS, CHN5, STYH, TWGB, TWGB, TWG, JKRS, WKCO, TPUB, TPUB, CHN4, WTP, JIJ, WTK, TWK, CHN1, SLGT, SGST, ECL, JISG, SCST, MASBT, SCZT, PHUB, PHUB, PTMZ.

IDC 14 14:26:47.5±0.7, 33.95N, 83.94E, h0km, mb4.0/13, mbmp4.0/16, ML3.3/3, MS4.1/2, Error ellipse: s-maj=24.8km s-min=14.2km az=58.0

NDI 14 14:26:47.2±3.8, 34.06N, 84.78E, h10km, ML4.2, MW4.3, mb4.6(NEIC)

NEIC 14 14:26:49.8±1.1, 34.17N, 0.05; 84.03E, 0.06, h10km, 1km, mb4.6/28, Error ellipse: s-maj=11.8km s-min=3.9km az=138.0

ISC 14 14:26:52.8±0.5, 34.20N, 0.06; 84.17E, 0.06, h35km, n72, c1970/73, mb4.4/26, Xizang

Main table for IDC, NDI, NEIC, and ISC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNLV, JOSI, JOSI, JOSI, KLP, KLP, KLP, SMLA, SMLA, SMLA, DHRM, LSA, KUDL, KUDL, NIL, GAR, SHL, BTK, KBL, MK31, MKAR, MKAR, MAKZ, CHGR, SIMJ, KKAR.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Kurchatov Arra, Kurchatov, HRA, ZAAO, ZALV, etc.

NOU 14 14:41:03.2,21.93S;169.89E,h0km,ML3.2/9, Southeast of Loyalty Islands
IDC 14 14:41:04.4,9.20.74S;169.51E,h0km,mb3.2/2, mbmp3.3/3,ML3.8/1, Error ellipse: s-maj=210.1km s-min=35.2km az=147.0

ISC 14 14:41:03.9,1.7,21.93S;0.2x169.90E;1,h10km,n13, r1507/14,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like MARNC, PINNC, LIFNC, etc.

SOME 14 14:46:26.8,39.65N;72.18E,h5km
KRNET 14 14:46:28.2,0.1,39.34N;72.22E,h25km,mb3.3
NINC 14 14:46:29.8,9.3,39.29N;72.49E,h0km,mb3.7,mpv3.4, Error ellipse: s-maj=90.0km s-min=44.2km az=154.0

ISC 14 14:46:27.5,1.4,39.38N;0.05;72.22E;0.03,h5km;10km, n37,r1563/64,42C-12D,Kyrgyzstan

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like DRK, Karamyk, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like SFK, Sufi-Kurgan, SFK, Osh, OHH, etc.

ANF 14 15:03:47.6;0.2,59.55N;136.40W,h1km;2km,Error ellipse: s-maj=1.7km s-min=1.2km az=60.0, Southeastern Alaska

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like PLBC, Pleasant Camp, SKAG, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like R32K, Eaglecrest, YUK6, etc.

ANF 14 15:04:00.9;0.1,59.54N;136.30W,h1km,1km,ML4.1/43, Error ellipse: s-maj=1.0km s-min=0.8km az=47.0

NEIC 14 15:04:00.9;1.3,59.49N;0.010;136.39W;0.04, h10km;7km, Error ellipse: s-maj=2.6km s-min=1.5km az=184.0

AEIC 14 15:04:01.2;1.4,59.51N;0.02;136.29W;0.02,h2km,6km, ML3.7,ML3.8/120(NEIC), Error ellipse: s-maj=2.8km s-min=1.4km az=203.0

PGC 14 15:04:01.7;0.1,59.50N;136.32W,h1km,ML3.7,ML3.9/33, 75km Wnw of Haines, Ak Southeastern Alaska

IDC 14 15:04:02.1;0.9,59.57N;136.61W,h0km,mb3.6/11, mbmp3.6/13,ML3.5/2, Error ellipse: s-maj=22.6km s-min=12.4km az=35.0

ISC 14 15:04:02.2;0.4,59.51N;0.010;136.35W;0.02,h10km, n354,r1560/424,mb3.9/11,Southeastern Alaska

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like PLBC, Pleasant Camp, SKAG, etc.

Table with multiple columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and various status indicators. The table lists numerous radio stations and their operational details for October 2018.

Table with columns: TRF, Station Name, Time, Res, Pn, Pn, 15 05 56.5 +1.5, 15 05 55.3 +0.3, etc. Includes stations like Thorofore Moun, JEDB, EUTB, SKT, etc.

IDC 14 15:08:27.9; 1.3, 36:61N; 44:43E, h0km, mb3.8/7, mbtmp3.7/14, ML3.4/7, MS3.6/1, Error ellipse: s-maj=20.0km s-min=18.9km az=6.0

Table with columns: Code, Station Name, Time, Res, Pn, Pn, 15 09 46.1 +0.3, 15 08 57.2 +0.9, etc. Includes stations like YOYA, HAKKARI, YKSEK, etc.

Table with columns: SRMT, Station Name, Time, Res, Pn, Pn, 15 09 10.5 +1.9, 15 09 45.5 0.0, etc. Includes stations like Siirt_Merkez, ADCV, BITLIS, etc.

AFAD 14 15:08:32.0; 0.0, 36:86N; 44:42E, h17km, 1km, MW4.0, ISC 14 15:08:29.8; 1.1, 36:81N; 0:03:44.48E; 0:03:10:10km, 8km, n125, a2816/144, mb3.6/7, Iran-Iraq border region

Table with columns: BSY, Station Name, Time, Res, Pn, Pn, 15 12 34.6 -3.2, 15 15 44.5 -1.2, etc. Includes stations like BSY, SMO, WADI, etc.

ANF 14 15:27:03.6; 0.2, 59:54N; 136:37W, h3km, 2km, Error ellipse: s-maj=2.1km s-min=1.4km az=29.0

NEIC 14 15:27:03.6; 1.8, 59:52N; 0:02:136:36W; 0:03:14d, h8km, 5km, Error ellipse: s-maj=3.6km s-min=0.6km az=218.0

AEIC 14 15:27:03.1; 2.5, 59:49N; 0:02:136:33W; 0:04:11km, 4km, ML1.9, ML2.8/75(NEIC), Error ellipse: s-maj=3.9km s-min=1.8km az=217.0

ISC 14 15:27:03.7; 0.9, 59:52N; 0:03:136:35W; 0:02:10d, h9km, 7km, n72, a192/78, Southeastern Alaska

Table with columns: Code, Station Name, Time, Res, Pn, Pn, 15 27 05.6 0.0, 15 27 05.6 0.0, etc. Includes stations like PLBC, Pleasant Camp, SKAG, etc.

comp=N, 15m, 1.1s

14d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRDI Verde Repeater, M27K Edge Creek, AK, M27K comp=E, 9.5nm, 1.1s, etc.

AEIC 14 15:27:17.7-1.5, 59.51N-0.03-136.35W, 0.02, h7km, 4km, ML2.7, ML2.9/24(NEIC), Error ellipse: s-maj=4.2km s-min=1.5km az=193.0

ANF 14 15:27:18.0-0.2, 59.55N-136.36W, h7km, 1km, ML3.1/11, Error ellipse: s-maj=1.8km s-min=1.4km az=23.0

NEIC 14 15:27:18.7-1.3, 59.53N-0.02-136.38W, 0.04, h7km, 6km, Error ellipse: s-maj=4.2km s-min=2.2km az=221.0

ISC 14 15:27:18.2-0.8, 59.52N-0.02-136.36W, 0.02, h8km, 6km, n38, c0556/51, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLBC Pleasant Camp, SKAG Skagway, P30M Million Dollar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P32M Atlin, WHY Whitehorse, O29M Mount Kennedy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HTY Haines Junction, PNL Peninsula, R32K Eaglecrest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIS Juneau Island, YUK6 Outpost Mounta, etc.

NOU 14 15:36:51.3, 41.84S-174.75E, h5km, MLV3.8/11, Cook Strait, New Zealand

WEL 14 15:36:53.4, 0.3, 42.3S x 17.4E, h11km, 3km, M3.4/19, ML3.6/19, MLV3.4/19, Error ellipse: s-maj=4.6km s-min=2.3km az=154.5, confirmed

ISC 14 15:36:52.7, 0.1, 41.73S-174.56E, 0.03, h15km, 6km, n101, c1909/112, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, SEDS Seddon Fire St, BHW Baring Head, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRZ McQuestainoka R, TIWZ Tintock, TKNZ Takaka Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LITZ Lake Taylor, AMOZ Amberley, DSZ Dennistown Nort, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INZ Inchbonnie, WNVZ Black Stump Fm, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HIZ Hauri, MRHZ Mata Rd, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARZ Arundel, MTHZ Maungataniwha, TMZ Timaru, etc.

UPA 14 15:47:05.1, 1.0, 7.46N-80.89W, h10km, 6km, ML3.9, 1C, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CACAO EI Cacao, Vera, CACAO comp=Z, 41um, 0.1s, MARI3 Mariato, Verag, etc.

DJA 14 15:48:12.5, 0.6, 6.3S x 13.1E, h93km, 25km, M3.9/10, mb4.0/2, mb4.3/1, MLV3.9/10, Mw(mB)3.5/1

ISC 14 15:48:13.6, 1.4, 6.05S-130.76E, 0.08, h100km, n10, c1942/10, Banda Sea

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

CMAR Chiang Mai Arr 39.71 308 P 15 55 38.4 +1.8

CMAR Chiang Mai Arr 39.71 308 P 15 55 38.4 +1.8

DJA 14 15:48:37.2, 0.3, 0.3S x 12.6E, h10km, M3.8/13, mb4.1/4, MLV3.7/13

ISC 14 15:48:54.4, 3.3, 2.21S, 126.20E, h0km, mb3.7/2, mbmp3.7/3, ML3.9/1, Error ellipse: s-maj=165.4km s-min=25.2km az=55.0

ISC 14 15:48:40.3, 1.2, 0.20S-107.126E, 0.07, h44km, n14, c135/15, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, SNTI Sanana, SANI Sanana, etc.

ASAR Alice Springs 24.49 163 P 15 53 56.6 +1.1

DJA 14 15:54:08.1, 0.6, 6.3S x 12.9E, h277km, 10km, M3.8/13, mb3.8/5, mb4.4/1, MLV3.8/13, Mw(mB)3.5/1

ISC 14 15:54:12.9, 4.4, 5.71S, 129.22E, h326km, 45km, mb2.9/2, MLV3.8/13

874

mbmp3.5/5, Error ellipse: s-maj=59.2km s-min=13.6km az=72.0

ISC 14 15:54:08.0, 0.9, 5.55S-107.129E, 0.1, h300km, n14, c218/17, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, AAI Ambato, MSAI Masohi, etc.

IDC 14 16:27:18.9, 0.5, 41.79S-88.42E, h0km, mb4.6/17, mbmp4.5/17, MS3.8/29, Error ellipse: s-maj=17.8km s-min=16.1km az=135.0

MOS 14 16:27:18.9, 0.8, 41.78S-88.40E, h11km, mb5.0/32, Error ellipse: s-maj=15.5km s-min=8.6km az=92.9

BUI 14 16:27:18.0, 41.80S-88.40E, h10km, mb4.9/38, mb5.0/10, Ms4.9/3, Ms7.4/6/3

NEIC 14 16:27:21.0, 1.6, 41.87S-0.09-88.5E, 0.1, h10km, 1km, mb5.0/49, Error ellipse: s-maj=16.8km s-min=12.4km az=48.0

ISC 14 16:27:21.0, 3.4, 41.81S-0.07-88.38E, 0.07, h15km, n305, c0583/272, mb4.9/87, MS3.9/29, 6C-9D, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AIS Amsterdam Isla, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H04S1 CROZET ISLANDS 26.40 247 T, H04S2 CROZET ISLANDS 26.42 247 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEEK Meekatharra, MAW Mawson, MAW comp=Z, 4.6nm, 0.9s, baz=34, slow=12, SNR=8.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRKA Warakurna, MULG Mulgathina, BBOO Buckleboo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MGBR Mount Gambier, VOI Vohitsoka, VOI comp=Z, 2.6nm, 0.9s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VOI Vohitsoka, HTT Hallett, LCRK Leigh Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, ELIB Princess Elisabeth, KNRA Kunurra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOO Toolangi, WRA Warramunga Arr, WRA comp=Z, 3.0nm, 1.0s, baz=233, slow=8, SNR=213

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA comp=Z, 1.3nm, 0.6s, baz=228, slow=2.8, SNR=7.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WB2 comp=Z, 3.3nm, 1.1s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRAB comp=Z, 2.9nm, 1.0s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRO Warramunga Arr, WRO comp=Z, 2.6nm, 0.9s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB0 Warramunga Arr, INKA Innakina, NVL Navezarevskaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, SBA Scott Base, SBA Scott Base

Table with columns: H11N1, WAKE ISLAND, H11N2, WAKE ISLAND, H11N3, WAKE ISLAND, WRA, Warramunga Arr, MKAR, Makanchi Array, ILAR, Elison Array. Includes station names, coordinates, and operational status.

Table with columns: KST, KasteK, KST, KasteK, KST, KasteK, KU, Kurly, KU, Kurly, KU, Kurly, NRN, Naryn, NRN, Naryn, KAPS, Kapalarasan, KAPS, Kapalarasan, KAPS, Tokmak 2, KAPS, Tokmak 2, KAPS, Tokmak 2, KAPS, Tokmak 2, CHMS, Chumysh, CHMS, Chumysh, CHMS, Chumysh, CHMS, Chumysh, CHMS, Chumysh, FRU1, Bishkek, FRU1, Bishkek, SGDS, Sogindy, SGDS, Sogindy, SGDS, AArch-A, AArch-A, AArch-A, AArch-A, AArch-A, AArch-A, UCH, Uchtov, UCH, Uchtov, UCH, Uchtov, UCH, Uchtov, USP, Ospernovka, USP, Ospernovka, USP, Ospernovka, ARLS, Aral, ARLS, Aral, ARLS, Erkin-Say, ARLS, Erkin-Say, EKSS, Erkin-Say, EKSS, Erkin-Say, AML, Almayashu, AML, Almayashu, AML, Almayashu, AML, Almayashu, BTLS, Baital, BTLS, Baital, BTLS, Baital, BTLS, Baital, BTLS, Baital, MAK2, Makanchi, MAK2, Makanchi, MAK2, Makanchi, MAK2, Makanchi, KK31, Karatay Array, KK31, Karatay Array, KKAR, Karatay Array, KKAR, Karatay Array, KURB, Kurchatov Arra, KURB, Kurchatov Arra, KURK, Kurchatov, KURK, Kurchatov.

Table with columns: WIAZ, Waiheke Island, TMVZ, Te Maari, NTVZ, North Tongarir, OTVZ, Otutere, NNWZ, North Ngauruho, NNWZ, South Ngauruho, WNWZ, Waihania, WNZ, Waipu Caves, BFZ, Birch Farm, KHEZ, Kahui Hut, KHEZ, Kahui Hut, OZH, Omaha, OZU, Omahuta, QRZ, Quartz Range. Includes station names, coordinates, and operational status.

SOME 14 18:21:34.7,42:52'N;79:30'E, h20km
KRNET 14 18:21:35.5-0.1,42:60'N;79:26'E, h15km, mb3.3
NINC 14 18:21:36.3-0.1,42:65'N;79:26'E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=7.4km s-min=3.4km az=156.0

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, h m s ISC. Lists various stations and their operational details.

ISC 14 18:21:36.8,1.1,42:59'N;0:04:79:25E,0.04,h10km,n68,
c1568/118,26C-24D, Lake Issyk-Kul region

Main station list table (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, h m s ISC. Lists various stations and their operational details.

NOU 14 18:24:51.5,37:19'S;179:34'E, h0km, MLV4.2/6, Off E.
Coast of N. Island, NZ.
WEL 14 18:24:57.2,11:37'S;17:9'E, 1.0,h21km, M3.1/12,
ML3.4/15,MLV3.1/12, Error ellipse: s-maj=12.6km
s-min=5.7km az=98.6,confirmed

Main station list table (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, h m s ISC. Lists various stations and their operational details.

TIR 14 18:46:10.2,41:57'N;20:14'E, h23km, 1km, M2.6, M2.3
SKO 14 18:46:10.9,41:34'N;19:84'E, h13km, M2.2
RHSSO 14 18:46:10.7,41:50'N;20:17'E, h5km, 3km, M2.3/9
PDG 14 18:46:11.3,0.2,41:03'N;20:14'E, h5km, ML2.5/12, Error
ellipse: s-maj=0.3km s-min=0.8km az=0

Main station list table (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, h m s ISC. Lists various stations and their operational details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOCB Mochara, AF01 San Pedro de A, PB09 IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, DJA 14 19:40:22.8+1.3, DNP Denpasar, etc.

NNC 14 19:01:11.2-6.2,36.78N:70.35E, h0km, mb3.8, mvp3.4, 5C-2D, Error ellipse: s-maj=67.8km s-min=37.7km az=147.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AAK Tokmak 2, etc.

IDC 14 19:05:19.0+2.3,43.55N:105.42W, h0km, mbmp3.1/2, ML3.0/2, Error ellipse: s-maj=56.3km s-min=9.9km az=152.0

NEIC 14 19:05:21.1+0.9,43.72N:105.33W:0.07, h0km, 1km, ML2.6/1.6, Error ellipse: s-maj=11.1km s-min=4.0km az=316.0

ISC 14 19:05:20.7+1.0,43.78N:106.105:38W:0.06, h0km, n11, 1:199/11, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, N23A Red Feather L, N23A Red Lodge, etc.

THE 14 19:12:58.0,35.07N:23.27E, h8km, 1km, ML3.0/5, Error ellipse: s-maj=1.6km s-min=0.9km az=49.0

ATH 14 19:12:58.0,35.07N:23.26E, h2km, 1km, ML3.2/1.1, Error ellipse: s-maj=2.8km s-min=1.2km az=46.0

ISC 14 19:12:57.6+1.3,35.09N:0.05:23E:0.05, h30km, 8km, n80, r127/67, mb3.5/5, Crete

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

IDC 14 19:43:02.8+0.8,20.53N:146.32E, h0km, mb3.9/13, mbmp3.8/14, ML2.4/1, MS3.0/1, Error ellipse: s-maj=25.1km s-min=18.6km az=76.0

ISC 14 19:43:07.9+0.9,20.5N:0.1:146:3E:0.2, h34km, n22, r067/15, mb3.9/13, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

IDC 14 20:59:34.3+0.7,51.77N:174.62W, h0km, mb4.0/25, mbmp4.0/28, ML4.2/2, MS3.4/19, Error ellipse: s-maj=22.3km s-min=12.0km az=171.0

AEIC 14 20:59:38.6+3.8,51.51N:0.07:174:68W:0.08, h14km, 5km, Error ellipse: s-maj=9.8km s-min=6.9km az=170.0

NEIC 14 20:59:40.2+2.2,51.60N:0.07:174:62W:0.08, h42km, 10km, mb4.1/81, ML4.1(AEIC), Error ellipse: s-maj=11.2km s-min=5.6km az=150.0

ISC 14 20:59:40.1+1.4,51.58N:0.10:174:62W:0.04, h44km, 11km, n180, r130/158, mb4.1/40, MS3.5/16, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKDR Khodutka, ASAK Asacha, etc.

IDC 14 19:12:52.4+1.4,35.22N:23.35E, h0km, mb3.6/5, mbmp3.5/7, ML3.3/2, Error ellipse: s-maj=39.0km s-min=24.0km az=147.0

ISK 14 19:12:54.6,35.10N:23.05E, h20km, ML3.5/8, G11 14 19:12:56.2+0.3,34.86N:0.03:2780E:0.009, h8km, confirmed

TORD Torodi Arr, Bea 29.28 227 P P 19 18 57.9 +0.5

KURBS Kurchatov Arra 42.38 51 P P 19 20 46.8 -2.1

MKAR Makanchi Array 45.11 56 P P 19 21 08.8 -2.3

IDC 14 20:59:34.3+0.7,51.77N:174.62W, h0km, mb4.0/25, mbmp4.0/28, ML4.2/2, MS3.4/19, Error ellipse: s-maj=22.3km s-min=12.0km az=171.0

AEIC 14 20:59:38.6+3.8,51.51N:0.07:174:68W:0.08, h14km, 5km, Error ellipse: s-maj=9.8km s-min=6.9km az=170.0

NEIC 14 20:59:40.2+2.2,51.60N:0.07:174:62W:0.08, h42km, 10km, mb4.1/81, ML4.1(AEIC), Error ellipse: s-maj=11.2km s-min=5.6km az=150.0

ISC 14 20:59:40.1+1.4,51.58N:0.10:174:62W:0.04, h44km, 11km, n180, r130/158, mb4.1/40, MS3.5/16, Andreanof Islands

Table of station data for the left side of the page, including station names like MAPS, MREP, MSW, etc., and their corresponding coordinates and parameters.

Table of station data for the middle section, including station names like K29M, H29M, J30M, etc., and their corresponding coordinates and parameters.

Table of station data for the right side of the page, including station names like BOSA, Boshof, SFS, etc., and their corresponding coordinates and parameters.

Table with columns: Call sign, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like WTP, WLG, SLGT, ECL, etc.

TEH 14 21:18:33.5, 32.777N, 45.66E, h10km, 174km, ML2.8
ISN 14 21:33.0, 0.6, 32.787N, 45.67E, h10km, 2km, ML3.0
ISC 14 21:18:33.9, 1.6, 32.747N, 0.0, 45.71E, 0.0, 5, h8km, 12km, n10, c0599/15, Iraq

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like IBDR, ILBA, RAFI, etc.

NOU 14 21:45:31.2, 37.87S, 176.01E, h137km, MLV3, 7/14, North Island, New Zealand
WEL 14 21:45:37.0, 0.7, 38.5S, 17.6E, h260km, 6km, M3,2/55, MLV3,2/55, Error ellipse: s-maj=6.1km s-min=6.0km sz=2.6, confirmed

ISC 14 21:45:31.0, 1.7, 37.91S, 0.0, 19.175, 34E, 0.0, h303km, 10km, n143, c1990/158, North Island

Large table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like KMRZ, KHRZ, OMRZ, etc.

Table with columns: Call sign, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like KNKZ, KHRZ, PRGZ, etc.

CATAC 14 21:49:32.8, 0.5, 13.89N, 91.51W, h13km, 4km, ML3.8
SNET 14 21:49:33.6, 1.0, 13.91N, 91.42W, h8km, 7km, ML3.7
GGG 14 21:49:39.5, 0.3, 14.34N, 91.39W, h29km, 3km, MD3.5

ISC 14 21:49:31.9, 2.2, 13.85N, 0.0, 81.53W, 0.0, h6km, 11km, n49, c057779, ID, Near Coast of Guatemala

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like SULM, RTAL, RTAL, etc.

Table with columns: Call sign, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like BOQS, QUEZ, ITCA, etc.

IDC 14 21:54:36.5, 5.0, 66.59S, 27.53W, h136km, 46km, mb4.2/8, mbmp4, 6/9, Error ellipse: s-maj=25.2km s-min=14.2km sz=4.1, 0

NEIC 14 21:54:36.1, 1.1, 56.6S, 0.1, 27.4W, 0.2, h130km, 8km, mb4.7/4, 1, Error ellipse: s-maj=18.6km s-min=12.5km sz=2.07, 0

ISC 14 21:54:33.8, 0.4, 56.64S, 0.0, 27.31W, 0.0, h112km, n113, c1917/116, mb4.7/24, 10C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time Res, and other details. Includes stations like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AODB Aquidauana, BQDN Bodoquena, CMCO1 Camacan, etc.

IDC 14 21:57:55.5-0.9, 26.64N; 141.85E, h0km, mb4.0/7, mtbmp4.07, MS3.3/2, Error ellipse: s-maj=34.3km s-min=14.4km az=125.0

NEIC 14 21:58:02.4, 26.69N; 141.77E, 0.2, h35km, 2km, mb4.5/23, Error ellipse: s-maj=27.5km s-min=10.7km az=125.0

JMA 14 21:58:03.6-0.1, 26.68N; 142.42E, 0.9, h56km, MD4.4/8, NEAR CHICHUJIMA ISLAND

JMA Felt II J1 at NEAR CHICHUJIMA ISLAND. ISC 14 21:58:01.4-0.7, 26.66N; 141.66E, 0.08, h35km, n51, 141/47, mb4.4/21, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JHH2 Haha-jima-NKT2, JHH3 Haha-jima-NKT2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

NAO 14 22:19:52.3, 35.47N; 124.38E, h33km, mb3.7, IDC 14 22:20:05.0-1.6, 36.98N; 121.60E, h0km, mb3.7/8, mtbmp3.6/13, ML3.9/3, MS2.7/2, Error ellipse: s-maj=34.2km s-min=16.9km az=37.7

THE 14 22:20:05.2, 36.58N; 121.37E, h0km, 2km, ML3.4/7, Error ellipse: s-maj=3.2km s-min=1.1km az=194.0

ATH 14 22:20:07.7, 36.70N; 121.43E, h9km, 2km, ML3.3/3, Error ellipse: s-maj=4.1km s-min=1.4km az=45.0

TIR 14 22:20:08.7, 37.12N; 120.75E, h1km, 4km, MI3.2, ISC 14 22:20:04.6-1.4, 36.66N; 120.05, 21.31E, 0.03, h10km, 8km, n125, 1169/148, mb3.7/8, Southern Greece

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like LKDD2 baz=358, LKDD2 baz=358, LKDD2 baz=358, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, and URZ Urewera.

IDC 14 22:21:24.8, 2.0, 5.57S: 151.05E, h0km, mb3.7/4, mbtimp3.7/4, Error ellipse: s-maj=91.2km s-min=27.4km az=120.0

ISC 14 22:21:33.5, 2.1, 5.6S: 0.0, 151.0E: 0.5, h65km, n6, 0.051/6, mb3.6/4, New Britain region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, ILAR Eielson Array, and TORD Torodi Arr.

JMA 14 22:23:31.8, 0.3, 26.4N: 0.8, 12.9E: 1, h36km, 3km, MV3.1/17, NEAR OKINAWAJIMA ISLAND

IDC 14 22:23:35.7, 3.0, 26.33N: 127.18E, h0km, mb3.6/5, mbtimp3.6/5, MS3.2/2, Error ellipse: s-maj=214.1km s-min=27.7km az=62.0

ISC 14 22:23:30.8, 2.2, 26.37N: 0.0, 128.93E: 0.0, 4, h23km, 18km, n21, 0.0567/28, mb3.5/5, Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JOW Kunigami, JYRO Yoronjima, JNTH Nagotoyohara, JOKE Okinoerabujima, JJKTS Tamagusuku3, JIH Iheya, JTK Tokunoshima, JAGN Aguni-jima, JAMN Aminishikomi, JKE Kame jima 2, JAM Amami Oshima, JAM Minamidaito 2, JKM Kitadaitoujima, JKDJ Kitadaitoujima, JYAK Yakushimahirau, JYAK Yakushimahirau, KRSR Korea Array, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, STKA Stephen Creek, OPO Ambohridatompo.

IDC 14 22:24:57.0, 7.0, 30.35N: 41.92W, h0km, mb3.9/17, mbtimp3.9/17, MS3.7/52, Error ellipse: s-maj=20.6km s-min=17.2km az=161.0

NEIC 14 22:25:00.8, 1.4, 30.4N: 0.1, 42.0W: 0.1, h10km, 1km, mb4.6/50, Error ellipse: s-maj=23.6km s-min=17.7km az=140.0

ISC 14 22:25:00.3, 0.5, 30.35N: 0.0, 9.4190W: 0.0, 8, h15km, n121, 0.0564/73, mb4.4/48, MS3.7/52, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like G65A Princeton, PDRP Patillas Dam, BATG Bathurst New B, SJG San Jose, BBTB Babate, PCRV Puerto La Cruz, SCHO Schefferville, MDT Midelt, MDT Midelt, ESCD Sonseca Array, BAUV El Baul, SADO Sadowa, BOAV Boa Vista, SDV Santo Domingo, SDV Santo Domingo, TKL Tuculeches C, SFJD Kangerlussuaq, EKA Eskdalemuir Arr, FRB Froisher Bay, ROSC El Rosal, LCAR Lake Charles, BFO Black Forest, DBIC Dimbokro, FCAR Ozark Folk Cen, UALR University of, TEIG Tuckaleches C, DAVOX Davos/Dischmat, TORD Torodi Arr.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like TORD Torodi Arr, SAML Samuel, WTAA Wattenberg, ULM Lac du Bonnet, ABTA Abfattersbach, JTS Las Juntas de, PRED Cave del Predi, BIOD Bad Ischl, GERES GRESS Array, OTAV Otavalo, MOA Molin, OBKA Obir, BDFB Brasilia, H10N2 ASCENSION HYDR619, H10N3 ASCENSION HYDR619, H10N1 ASCENSION HYDR621, NOA NORSTAR Array, ETMB Extrema, CROK Carrier, VAE Valguarnera, ARSA Arzua, CONA Conrad Observa, H10S3 ASCENSION HYDR470, H10S2 ASCENSION HYDR470, BRAD Brady, BRDY Brady, CMIO Matias Romero, DRIO Del Rio, OZNA Ozona, ATAH Atahualpa, RES Resoloute Bay, SAND Sanderson, LPAZ La Paz, LPAZ La Paz, TXAR Lajitas Array, TXAR Lajitas Array, FINES Fines Array B, YHRN Van Horn, ANMO Albuquerque, ANMO Albuquerque, ARCES ARCESS Array B, YNE Yellowstone No, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, FLWY Flag Ranch, IMW Indian Meadow, TPWA Teton Pass, AKASO Malin Array B, YKA Yellowstone A, DLMT Dillon, HWUT Hardware Ranch, G001 Chuzisma, NLU North Lily Min, MVU Marysville, DUG Dugway, DUG Dugway, HLID Hailey, U15A North Rim, U15A North Rim, PLID Pearl Lake, PLID Pearl Lake, NEW Newport, NEW Newport, MFID Carmas Ranch, ELK Elk, OBN Obninsk, DPGA Wolman Farm, L08A La Paz, J08A Circle Bar Ran, BRTR Keskin Array B, KVN Kaiserville, KVN Kaiserville, NVAR Mina Array Bea, NVAR Mina Array Bea.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like PFO Pinyon Flats O, INK Inuvik, DLBO Dease Lake, YBH Yreka Blue Hor, BBB Bella Bello, BELG Belogorovye, ILAR Eielson Array, ILAR Eielson Array, MT02 Curacav, CCB Clear Creek Bu, CCB Clear Creek Bu, KDAK Kodiak Island, MBAR Mbarara, TSUM Tsumeb, FURI Furi, BVAR Borovoye Array, KMBO Kilima Mbogo, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, ZALV Zalesovo Beam, LBTB Lobatse, SUR Sutherland, BOSA Boshof, SHEM Shemya Is, Ala.

IDC 14 22:25:33.6, 1.3, 54.14N: 169.28E, h0km, mb3.5/6, mbtimp3.6/8, ML3.6/2, Error ellipse: s-maj=46.2km s-min=16.0km az=8.0

KRSC 14 22:25:37.2, 0.1, 53.93N: 168.60E, h39km, 28km, M4.3, ISC 14 22:25:37.2, 0.1, 53.99N: 0.0, 169.14E: 0.0, 5, h25km, n36, 0.195/38, mb3.4/6, Komandorsky Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BKI Bering, BKI Bering, SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, KBTR Kutoberegovo, SMKR Semkarok, TUMRO Tumroz, TUMD Tumroz, EZMR Bezmyannaya, TUMR Tumrok, SPN Mys Shipunski, SPN Mys Shipunski, KII Karymskiy, NLC Nalychchevo, NLC Nalychchevo, SDRL Sedoytvo, UGLR Uglovaya, SMAR Somma, KRER Koryakskii, AVH Avacha, KRK Koryak, KOK Koryak, PET Petropavlovsk, GNL Ganaly, KRMR Karymskiy, MTKV Mutnovka, MTKV Petropavlovsk, PETK Petkovo, ASAK Asacha, KDTR Khodutka, KDTR Khodutka, ILAR Eielson Array, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, SONM Songoing Array, KURBB Kurchatov Arra, MKAR Makanchi Array, BVAR Borovoye Array, TXAR Lajitas Array, TXAR Lajitas Array, IDC 14 22:28:28.2, 4.4, 7.1837S: 178.48W, h549km, 363km, mb2.8/3, mbtimp3.7/4, Error ellipse: s-maj=234.2km s-min=30.4km az=158.0, Fiji Islands region

KURBB Kurchatov Arra 61.40 327 P P 22 52 48.0 +0.8
0.4nm, 0.6s, baz=127, slow=6.6, SNR=5.7
4.0nm, 0.6s

DJA 14 23:03:32.5±0.7, 1°N, 3°12'7"E, h27km, 7km, M4, 3/10, MLv4, 3/10

NEIC 14 23:03:33.9±1.0, 1°0N, 0°1'x, 127.03E±0.07, h51km, 8km, mb4, 3/16, Error ellipse: s-maj=15.3km s-min=9.3km az=188.0

IDC 14 23:03:36.9±4.0, 0.93N, 127.20E, h94km, 40km, mb3.8/10, mbmp4, 1/11, MS3,2/2, Error ellipse: s-maj=41.0km s-min=10.6km az=75.0

ISC 14 23:03:32.9±0.6, 0.96N, 0°06'127.00E±0.05, h50km, n39, ±f100d, mb4.2/16, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like TERNATE, FITZ, COEN, WRAB, WRA, WRA, WRA, ASAR, ASAR, KSRS, MJAR, USRK, KLR, ULN, SONM, MK31, MKAR, ZALV, KURBB, KURK, KURK, BVAR, etc.

IDC 14 23:41:36.1±0.9, 30°23'N, 41°92'W, h0km, mb3.8/12, mbmp3.8/12, MS3.8/28, Error ellipse: s-maj=27.3km s-min=20.6km az=169.0

NEIC 14 23:41:37.7±1.3, 30°20'N, 41°8'W, 0°1', h10km, 11km, mb4, 3/97, Error ellipse: s-maj=20.4km s-min=18.4km az=155.0

ISC 14 23:41:37.2±0.3, 30°20'N, 41°8'W, 0°08', h10km, n140, ±0.95/110, mb4.3/58, MS3.8/28, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like CML, HAL, HAL, SACV, GDHS, LMN, LMN, GGN, GPCR, PDPDR, SJG, IGPR, BDX, MCP, UCCT, UCCT, BBTs, VT1, BRNJ, PCRV, SDMM, SCHS, W7A, BAUW, W57A, SADO, SADO, SADO, BOAV, BOAV.

Main table with columns: SDV, SS1A, TKL, RCBR, R49A, FPAL, CLTN, Y49A, MACA, V48A, X48A, WVT, PLAL, SIUC, ROSC, S44A, LCCM, LCAR, BFO, MIMO, CCAR, FCAR, UALR, S39A, P38A, P38A, TEIG, DAVOX, HHAR, HHAR, TORD, TORD, U38A, SAML, SAML, CTI, CTO, RLI, AGNM, AGNM, NATX, ECSD, TUL3, GERES, OTAV, OTAV, H10N2, H10N3, H10N1, VAE, H10S3, H10S2, BRDY, BRDY, ABTX, APMT, APMT, HND0, DRIO, OZNA, ATAH, LPAZ, LPAZ, LPAZ, LPAZ, TXAR, TXAR, TX31, VHRN, VHRN, ANMO, ARCES, YNE, BW06, PD31, PDAR, PDAR, YMP, YMP, EPT, EPT, MVCO, MVCO, RDMU, RDMU, LOHW, LOHW, BOZ, AKAS, P18A, P18A, GO01, TCUT, TCUT.

Table with columns: DLMT, HWUT, JLU, JLU, DUNE, DUNE, X18A, MSO, MSO, NLU, NLU, DUG, DUG, TUC, TUC, PL15, PL15, NEW, MFID, SPR3, SPR3, HAWA, HAWA, J08A, J08A, LTY, I07A, TPH, PFO, PAHR, INK, INK, INK, ISA, ISA, DLBC, GZTK, GZTK, ILAR, ILAR, KDKA, BVAR, BVAR, KMBO, KURBB, ZALV, LBTB, SUR, BOSA.

Bull 14 23:53:10.1, 67°64'N, 156°19'W, h11km, mb5.4/80, mb5, 1/33, MS5.2/65, Ms7 5.0/63
IDC 14 23:53:13.0±0.4, 67°86'N, 156°67'W, h0km, mb5.0/31, mbmp5.0/35, ML4.9/4, MS4.2/65, Error ellipse: s-maj=12.9km s-min=9.2km az=19.0
MOS 14 23:53:12.9±0.9, 67°81'N, 156°37'W, h14km, mb5.5/60, MS4.4/11, Error ellipse: s-maj=12.0km s-min=4.3km az=97.3
NERS 14 23:53:12.0±0.6, 67°76'N, 156°47'W, h10km, AEIC 14 23:53:14.8±1.1, 67°77'N, 0°02:156:40W, 0.05, h10km, 4km, ML5.3, mb5.3/50(NEIC), ML5.4/140(NEIC), Mw4.9/69(NEIC), Mw4.9/48(NEIC), Error ellipse: s-maj=2.9km s-min=2.2km az=88.0
NEIC 14 23:53:15.0±1.6, 67°77'N, 0°02:156:32W, 0.04, h10km, 3km, Error ellipse: s-maj=2.4km s-min=2.2km az=71.0, Moment tensor solution: Moment tensor: Scale 10^16Nm, Mm=1.38; Mtt=1.81; Mtr=0.43; Mtt=1.00; Mtr=0.84; Mtr=1.42; Fault plane solution: M2: 5.3000x10^16 NP1: phi=315.56000°, lambda=37.34000°, alpha=62.46000°, NP2: phi=78.38000°, lambda=33.80000°, alpha=142.31000°. Principal axes: T 2.6167, Plg21.0000°, Azm25.0000° - N - 0.1869, Plg26.0000°, Azm126.0000° - P - 2.4289, Plg56.0000°, Azm261.0000°;
NEIC 14 23:53:14.5, 67°77'N, 156°41'W, h8km, NEIC 14 23:53:14.5, 67°77'N, 156°41'W, h12km, Moment Tensor Solution: Duration: 1s4 Moment tensor: Scale 10^16Nm; Mm=1.90; Mtt=1.80; Mtr=0.29; Mtt=0.55; Mtr=1.01; Mtr=1.56; Fault plane solution: M2: 7.6000x10^16 NP1: phi=138.0000°, lambda=60.6000°, alpha=52.75000°, NP2: phi=81.74000°, lambda=86.06000°, alpha=137.11000°. Principal axes: T 2.6252, Plg8.0000°, Azm233.0000° - N 0.2666, Plg32.0000°, Azm118.0000° - P - 2.8919, Plg57.0000°, Azm280.0000°;
NEIC 14 23:53:14.5, 67°77'N, 156°41'W, h12km, GCMT 14 23:53:15.8±0.2, 67°94'N, 156°28'W, 0.02, h13km, 2km, h1km, mb5-P, n137f, ±149/1161, mb5.3/413, MS4.3/94, 85C-58P, Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like E20K, E20K, E20K, E20K, E19K, E19K, E19K, F20K, F20K, F20K, F20K, D20K, D20K, D20K, D20K.

885

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like D19K Kuna River, E21K Killik River, F19K Shalercruk Mo, etc.

2018 OCT

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like A19K Wainwright, GCSA Galena City Sc, D24K Happy Valley, etc.

14d 23h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like F14K Arctic Creek, C26K Camden Bay, WRH Wood River Hill, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like K13K Kusilvak Mount, M16K Timber Creek, E29M Blower River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like VRDI Verde Repeater, CNPM China Poot, P17K Kvichak River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like ADK Adak, HGAB Hotsping, RES Resolute Bay, etc.

Table with columns for location (e.g., ULM, TPAW, SUMG), coordinates, and various status indicators (I, A, M, B, P, LR, etc.).

Table with columns for location (e.g., ERM, PFO, IVI), coordinates, and various status indicators (I, A, M, B, P, LR, etc.).

Table with columns for location (e.g., J57A, NCB, VHRN), coordinates, and various status indicators (I, A, M, B, P, LR, etc.).

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like DIKM, PMRV, SDDR, PTTG, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SDV, BAUV, PCRV, KBD, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PLCA, SOOWA, BRUN, etc.

Table with 5 columns: ASTR, LKRN, Lenkeran, Azer, 2.88, 83, S, Sg, 00 06 49.6, +2.2, 00 06 50.5, -2.5

IDC 15 00:12:52.6:0.8, 32'.49N:130.70E, h0km, mb3.9/13, mbmp3.9/15, ML3.1/2, MS3.4/7, Error ellipse: s-maj=18.8km s-min=8.4km az=110.0

Main table on the left side of the page, listing station names, codes, and coordinates. Includes stations like IZUMI, TAMANA, HONDO, OKUCHI, NAKATSUE, etc.

Main table in the middle of the page, listing station names, codes, and coordinates. Includes stations like TIXI, MKAR, MKAR, KURK, KURK, KURB, SMRI, GSI, NRIK, NRIK, NRIK, etc.

Main table on the right side of the page, listing station names, codes, and coordinates. Includes stations like SHMA, JRN, SAKB, TRNA, TRNA, SMRA, SHME, SHME, etc.

DJA 15 01:04:39.6,0.1,5 S,2.13'0E, h212km,2km, M4,8/39, mb4,7/39,mb5,3/31,MLv5.5/19,Mw(mb)4.7/31, MwMwp5.9/1,Mwp6.0/1

NEIC 15 01:04:40.5,1.7,5.16S,0.07:129.46E,0.0,0.6,h208km,5km, mb4,7/64,Error ellipse: s-maj=10.8km s-min=8.0km az=217.0

ISC 15 01:04:39.1,0.3,5.21S,0.05:129.48E,0.05,h200km,n289, c1919/298,mb4,7/45,4C-1D, Banda Sea

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

Table with columns: PDSI, Station Name, Time, Res. Lists seismic stations including PDSI, HTT, NWAON, etc.

Table with columns: MDH, Station Name, Time, Res. Lists seismic stations including MDH, Madha, Minazif, etc.

889.890000; λ-76.510000°. NP2:δ111.250000; δ13.490000; λ-179.540000°. Principal axes: T 1.3464, Plg43.00000°. Azm98.00000°; N 0.1015, Plg13.00000°. Azm201.00000°; P -1.4479, Plg44.00000°. Azm304.00000°. GCMT 15 01:32:14.4±0.1, 54°07'N, 0°11'159.99E±0.01, h123km, MW5.4/152, Moment Tensor Solution. s129,c237; s152,c307; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mrr=0.02±0.02; Mth=0.09±0.02; Mtt=0.10±0.02; Mtr=0.57±0.1; Mth=0.02±0.02; Mtr=1.24±0.1; Best double couple: M1=1.47200±0.107, NP1:δ197.00000°; δ88.00000°; 1.67, 0.00000°. NP2:δ103.00000°; δ23.00000°; 1.76, 0.00000°. Principal axes: T 1.2890, Plg42.00000°. Azm96.00000°; N 0.3690, Plg23.00000°. Azm198.00000°; P -1.6560, Plg39.00000°. Azm308.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 01:32:12.3±0.2, 54.06N, 0.02±159.57E, h125km±1km, h125km±P-P, n2044, ±1935/1950, mb5.6/692.67C-132D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

JNU	Nakatsue	29.16	236	P	P	01 38 02.6 +1.1
PAX	Paxon	29.17	50	P	P	01 38 01.7 +0.3
KLU	Klutina	29.20	53	Iamb	Iamb	01 38 03.6
KLU	Klutina	29.20	53	P	P	01 38 02.3 +0.7
BMAR	Burnt Mountain	29.20	41	P	P	01 38 02.4 +0.8
RIDG	Independent Ri	29.35	48	Iamb	Iamb	01 38 03.8
RIDG	Independent Ri	29.35	48	P	P	01 38 02.5 -0.4
F26K	Sheenjek River	29.37	40	P	P	01 38 03.6 +0.7
F26K	Sheenjek River	29.37	40	P	P	01 38 03.9 +1.0
HARP	HAARP	29.40	51	P	P	01 38 04.1 +0.8
Q23K	Middleton Isla	29.42	57	P	P	01 38 04.2 +0.7
EYAK	Cordova Ski Ar	29.46	55	P	P	01 38 04.7 +0.9
EYAK	Cordova Ski Ar	29.46	55	P	P	01 38 04.3 +0.5
G26K	Porcupine Riv	29.53	42	P	P	01 38 05.8 +1.5
C27K	Jago River	29.55	36	P	P	01 38 05.5 +0.9
SCRK	Sand Peak	29.70	48	Iamb	Iamb	01 38 07.0
SCRK	Sand Creek	29.70	48	P	P	01 38 05.6 -0.4
DL2	DL2	29.78	255	P	P	01 38 04.9 -1.9
DL2	DL2			S	S	01 42 49.3 -4.5
DL2	DL2			PcS	PcS	01 44 51.0 +0.5
DL2	DL2			ScS	ScS	01 48 26.1 -6.4
DL2	DL2			Pmax	Pmax	
DL2	DL2			Pmax	Pmax	
N25K	Chitina, Valde	29.80	53	P	P	01 38 07.8 +0.9
J26L	Joseph Creek	29.82	47	P	P	01 38 06.2 -0.8
XLT	XilinHaoTe	29.85	268	eP	P	01 38 06.4 -1.2
XLT	XLT			pP	pP	01 38 36.6 +1.7
XLT	XLT			PcP	PcP	01 41 09.0 +1.5
XLT	XLT			S	S	01 42 51.8 -3.4
XLT	XLT			Pmax	Pmax	
XLT	XLT			Pmax	Pmax	
XLT	XLT			LR	LR	
XLT	XLT			LR	LR	
XLT	XLT			LR	LR	
XLT	XLT			LR	LR	
I26K	Coal Creek Min	29.90	45	P	P	01 38 09.0 +1.4
BMRM	Bremner River	29.93	54	P	P	01 38 08.0 0.0
BMRM	Bremner River	29.93	54	Iamb	Iamb	01 38 12.3
BMRM	Bremner River	29.93	54	P	P	01 38 08.9 +0.9
MENT	Mentasta	29.97	50	P	P	01 38 08.2 -0.2
RAGM	Ragged Moutai	30.02	55	Iamb	Iamb	01 38 14.5
L26K	Log Cabin Wild	30.12	50	P	P	01 38 10.2 +0.6
HMT	Hamilton	30.23	55	P	P	01 38 11.0 +0.3
HMT	Hamilton			Iamb	Iamb	01 38 13.7
KAIM	Kayak Island	30.25	56	Iamb	Iamb	01 38 15.8
KAIM	Kayak Island	30.25	56	P	P	01 38 12.1 +1.3
E27K	Coleen River	30.32	39	P	P	01 38 12.5 +1.2
G27K	Doyon Strip	30.38	42	P	P	01 38 13.2 +1.3
M26K	Nabesna, AK	30.39	51	P	P	01 38 12.8 +0.7
M26K	Nabesna, AK	30.39	51	Iamb	Iamb	01 38 16.0
M26K	Nabesna, AK	30.39	51	P	P	01 38 13.6 +1.5
H27K	Steamboat Moun	30.48	43	P	P	01 38 14.3 +1.5
BERG	Berg Lake	30.49	55	Iamb	Iamb	01 38 15.3
I27K	Kandik River	30.51	44	P	P	01 38 13.5 +0.4
D27M	Malcolm River	30.52	37	P	P	01 38 14.2 +1.1
K27K	Chicken	30.52	48	P	P	01 38 13.6 +0.4
MCARA	McCarthy VSAT	30.59	53	P	P	01 38 15.1 +1.3
CRQM	Cirque	30.67	54	Iamb	Iamb	01 38 18.6
CRQE	Cirque	30.70	54	P	P	01 38 16.0 +1.2
BGLC	Bering Glacier	30.76	55	P	P	01 38 15.3 +0.1
L27K	Beaver Creek	30.80	49	Iamb	Iamb	01 38 18.3
L27K	Beaver Creek	30.80	49	P	P	01 38 17.0 +1.3
EGAK	Eagle	30.81	46	Iamb	Iamb	01 38 17.2
EGAK	Eagle	30.81	46	P	P	01 38 15.6 -0.1
BCAR	Beaver Creek A	30.82	49	P	P	01 38 16.4 +0.6
MIDW	Midway	30.84	138	Iamb	Iamb	01 38 14.5 -1.8
MIDW	Midway			Iamb	Iamb	01 38 20.5
MIDW	Midway	30.84	138	P	P	01 38 17.6 +1.4
MIDW	Midway	30.84	138	P	P	01 38 16.6 +0.4
MIDW	Midway			ScP	ScP	01 44 11.5 +0.6
WAX	Waxell Ridge	30.88	55	Iamb	Iamb	01 38 19.2
M27K	Edge Creek, AK	30.91	51	Iamb	Iamb	01 38 19.4
M27K	Edge Creek, AK	30.91	51	P	P	01 38 18.5 +1.8
SNH	Sunshine Point	30.96	55	Iamb	Iamb	01 38 22.5
F28M	Old Crow	31.00	40	P	P	01 38 18.8 +1.4
E28M	Babbage River	31.06	38	P	P	01 38 18.9 +1.1
ISLE	Juniper Island	31.09	54	P	P	01 38 18.6 +0.2
ISLE	Juniper Island			Iamb	Iamb	01 38 20.6
I28M	Miner Creek	31.22	45	Iamb	Iamb	01 38 21.5
I28M	Miner Creek	31.22	45	P	P	01 38 20.1 +0.7
D28M	Stokes Point	31.31	37	P	P	01 38 20.9 +0.9
GRNC	Granite Creek	31.34	54	Iamb	Iamb	01 38 22.7
MESA	Mesa	31.39	55	Iamb	Iamb	01 38 23.4
MESA	Mesa	31.39	55	P	P	01 38 21.6 +0.6
YAH	Yahitsa	31.44	54	Iamb	Iamb	01 38 23.9
CTG	Chitna Glacier	31.48	53	P	P	01 38 22.7 +0.9
CTGM	Chitina Glacie	31.48	53	Iamb	Iamb	01 38 24.1
LOGN	Logan Glacier	31.67	53	P	P	01 38 24.2 +0.7
LOGN	Logan Glacier			Iamb	Iamb	01 38 25.5
E29M	Blow River	31.68	39	P	P	01 38 24.1 +0.9
DAWY	Dawson	31.68	47	P	P	01 38 23.9 +0.6
YUK3	Moose Creek	31.69	52	P	P	01 38 24.6 +0.9
TABL	Table Mountain	31.71	54	Iamb	Iamb	01 38 25.8
H29M	Whitestone	31.75	43	P	P	01 38 25.4 +1.5
G29M	Pine Creek	31.79	42	Iamb	Iamb	01 38 27.1
G29M	Pine Creek	31.79	42	P	P	01 38 26.1 +1.8
I29M	Oglivie Camp,	31.91	45	P	P	01 38 26.2 +0.9

O28M	Mount Upton	32.07	53	P	P	01 38 28.3 +1.2
J29N	Klondike Camp	32.11	46	P	P	01 38 27.7 +0.5
YUK8	Steele Glacier	32.12	54	P	P	01 38 28.8 +1.2
BJI	Beijing	32.17	262	P	P	01 38 27.6 -0.2
BJI	Beijing			pP	pP	01 38 56.6 +1.1
BJI	Beijing			PcP	PcP	01 41 14.8 +1.3
BJI	Beijing			sS	sS	01 44 19.6 +0.5
BJI	Beijing			ScS	ScS	01 48 45.3 +1.0
BJI	Beijing			Pmax	Pmax	
BJI	Beijing			LR	LR	
BJI	Beijing			LR	LR	
BJI	Beijing			LR	LR	
BJT	Bajitauau	32.19	262	P	P	01 38 28.2 +0.2
PNM	Pinnacle	32.23	55	P	P	01 38 29.5 +1.3
EPYK	Eagle Plains	32.29	42	P	P	01 38 30.4 +0.9
EPYK	Eagle Plains	32.29	42	PcP	PcP	01 41 15.9 +2.2
EPYK	Eagle Plains	32.29	42	P	P	01 38 30.6 +1.1
L29M	L29M	32.43	49	Iamb	Iamb	01 38 32.3
L29M	L29M			P	P	01 38 31.8 +1.8
M29M	Somme Creek	32.44	50	P	P	01 38 31.3 +1.1
M29M	Somme Creek			Iamb	Iamb	01 38 32.7
M29M	Somme Creek			P	P	01 38 31.8 +1.7
G30M	TAoh Zrai Njii	32.48	41	P	P	01 38 31.4 +1.0
IRK	Irkutsk	32.50	290	eP	P	01 38 29.3 -1.4
IRK	Irkutsk			Pmax	Pmax	
K29M	Barlow Dome	32.53	47	P	P	01 38 31.6 +0.7
K29M	Barlow Dome			P	P	01 38 32.5 +1.6
YUK4	Talbot Arm	32.64	52	P	P	01 38 33.0 +1.0
I30M	Mount Dempster	32.73	44	Iamb	Iamb	01 38 34.5
I30M	Mount Dempster			P	P	01 38 33.4 +0.7
PNL	Peninsula	32.77	55	P	P	01 38 34.0 +1.1
PNL	Peninsula			P	P	01 38 33.8 +1.0
J30M	Hart River	32.88	46	P	P	01 38 35.0 +1.0
YUK6	Outpost Mounta	32.88	53	P	P	01 38 35.0 +0.9
O29M	Mount Kennedy	32.97	54	P	P	01 38 36.1 +1.3
ULN	Ulanbatar	32.99	281	P	P	01 38 34.2 -1.0
ULN	Ulanbatar	32.99	281	P	P	01 38 34.6 -0.6
ULN	Ulanbatar	32.99	281	iP	P	01 38 34.7 -0.5
ULN	Ulanbatar			Pmax	Pmax	
ULN	Ulanbatar			PcP	PcP	
ULN	Ulanbatar			ScP	ScP	
M30M	Minto, Yukon	33.16	49	P	P	01 38 37.3 +1.0
G31M	Satah River	33.25	41	P	P	01 38 37.7 +0.8
MAYO	Mayo, Yukon	33.30	47	P	P	01 38 38.8 +1.4
INK	Inuvik	33.30	39	Iamb	Iamb	01 38 39.5
INK	Inuvik			LR	LR	01 52 52.6
INK	Inuvik			LR	LR	01 52 52.6
INK	Inuvik			P	P	01 38 38.6 +1.3
INK	Inuvik			P	P	01 38 40.7
HYT	Haines Junctio	33.32	53	P	P	01 38 37.9 +0.9
HYT	Haines Junctio			Iamb	Iamb	01 38 40.4
HYT	Haines Junctio			P	P	01 38 39.2 +1.4
N30M	Aishikik Lake	33.33	51	P	P	01 38 38.8 +1.0
F31M	Tsigehtic	33.36	40	Iamb	Iamb	01 38 39.4
F31M	Tsigehtic			P	P	01 38 39.0 +1.1
SOMN	Songino Array	33.39	281	P	P	01 38 37.9 -0.7
SOMN	Songino Array			PcP	PcP	01 41 17.0 0.0
SOMN	Songino Array			P	P	01 38 38.5 -0.1
SOMN	Songino Array			PcP	PcP	01 41 17.3 +0.3
SOMN	Songino Array			ScP	ScP	01 44 51.5 +2.0
SOMN	Songino Array			LR	LR	01 53 40.1
H31M	Peel River	33.44	43	P	P	01 38 39.5 +0.8
P29M	Windy Craggy	33.48	55	Iamb	Iamb	01 38 42.0
P29M	Windy Craggy			P	P	01 38 41.6 +1.7
P30M	Million Dollar	33.79	54	P	P	01 38 43.5 +1.6
ZAK	Zakamensk	33.91	287	eP	P	01 38 42.4 -0.6
ZAK	Zakamensk			Pmax	Pmax	01 41 18.8
N31M	Braeburn, Yuko	33.92	51	Iamb	Iamb	01 38 46.0
N31M	Braeburn, Yuko			P	P	01 38 44.9 +2.0
O30N	Mendenhall	34.00	52	P	P	01 38 44.6 +1.0
O30N	Mendenhall			Iamb	Iamb	01 38 46.2
O30N	Mendenhall			P	P	01 38 45.3 +1.7
TIA	Taian	34.22	256	P	P	01 38 44.8 -0.9
TIA	Taian			PcP	PcP	01 41 19.9 +0.5
TIA	Taian			Pmax	Pmax	
TIA	Taian			Pmax	Pmax	
TIA	Taian			LR	LR	
TIA	Taian			LR	LR	
TIA	Taian			LR	LR	
PLBC	Pleasant Camp	34.30	55	P	P	01 38 47.8 +1.7
M31M	Drury Creek, Y	34.34	49	Iamb	Iamb	01 38 49.4
M31M	Drury Creek, Y			P	P	01 38 48.4 +2.0
HHC	Hu-ho-hao-te	34.36	267	iP	P	01 38 46.5 -0.5
HHC	Hu-ho-hao-te			pP	pP	01 39 15.3 +0.6
HHC	Hu-ho-hao-te			eS	eS	01 44 01.3 -4.0
HHC	Hu-ho-hao-te			sS	sS	01 44 52.3 -0.8
HHC	Hu-ho-hao-te			ScSn	ScSn	01 46 25.5 -3.6
MOY	Mondy	34.58	291	eP	P	01 38 48.6 -0.1
MOY	Mondy			P	P	01 39 19.2
MOY	Mondy			Pmax	Pmax	
WHY	Whitehorse	34.60	52	P	P	01 38 50.9 +2.1
HNS	HongShan	34.79	260	iP	P	01 38 50.1 -0.4
HNS	HongShan			pP	pP	01 39 17.0 -1.3
HNS	HongShan			sP	sP	01 39 34.8 +2.1
HNS	HongShan			S	S	01 44 10.8 -0.8
HNS	HongShan			sS	sS	01 44 57.8 -2.0
HNS	HongShan			Pmax	Pmax	01 48 54.9 -3.2
HNS	HongShan			LR	LR	
HNS	HongShan			LR	LR	
HNS	HongShan			LR	LR	

SKAG	Skagway	34.79	54	P	P	01 38 52.6 +2.3
SKAG	Skagway	34.79	54	P	P	01 38 52.5 +2.1
FARO	Faro, Yukon	34.80</				

Table with columns for station name, frequency, mode, and signal strength. Includes stations like HG4B, XAN, Eureka, and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SP2B, WMQ, NLWA, and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BRVK, HAWA, NEW, and others.

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNR=33, etc.).

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Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNR=33, etc.).

15d 1h

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Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like TNS Taunus Mts, MCH1 Mchaeichung, IWEX Carrickbyrne, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like MORH Mrgy, Hungary, RJOB Jobjena, BANS Banloc, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like WRA Warramunga Arr, A050A Klekovaca, RUDO Rudo, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KBN Korca, JRN Gainin Island, NESTORIO Nestorio, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EIL, VAE Valguarnera, PCAB Cabril, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DGAR Diego Garcia, RKT Rikitea, ATD Arta Tunnel, etc.

IDC 15 01:56:08.7:0.7, 14:80N, 121.99E, h0km, mb4.2/19, mtbpd4.2/19, MS3,3/4, Error ellipse: s-maj=28.4km, s-min=14.3km, az=67.0, NEIC 15 01:56:16.6:1.2, 14:39N, 0.1:121.9E, 0.2: h42km, 7km, mb4.5/43, Error ellipse: s-maj=27.6km s-min=14.0km, az=76.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TWG Pinlang, YULB Yuli, SSSL Suanglung, etc.

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Blackwell, Grant County #, Hydro, Custer, South Haven SW, etc.

CNRM 15 02:41:37.1, 35:22N; 4:02W, h19km, ML2.0
SFS 15 02:41:38.2, 35:20N; 3:93W, h7km, ML3.3/13, ML3.2/13, ML3.2/13

IDD 15 02:41:38.3, 0.8, 35:19N; 3:93W, h2km, 6km, mb Lg2.7/9, Error ellipse: s-maj=4.8km s-min=3.7km az=128.0

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPALE, PPALE, PVLZ, Pen de Vlez, AKLM, AKL, etc.

TIO Tiouine 5.10 214 P S 02 43 51.0 -0.4
EPLA Plouancia 5.10 241 P Pn 02 42 53.0 +0.2

SDD 15 02:42:12.0, 2.7, 19:92N; 73:39W, h80km, 67km, MD3.7, ML3.2, MW3.5
SSNC 15 02:42:14.8, 0.9, 19:90N; 73:04W, h20km, 7km, MD3.2, ML2.7

ISC 15 02:42:13.3, 1.3, 19:84N; 0:06; 73:08W; 0:03, h26km, 15km, n18, s096/29, 12C-2D, Haiti region

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASC, PAPH, PAPH, Port-au-Prince, etc.

Table with 8 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSPA, HIA, HIA, Haiti, etc.

15d 4h

Table with columns: ILAR, Eielson Array, 82.04 23 P, P, 03 13 36.8 +0.5, etc.

IDC 15 03:31:45.4+1.3, 10.30'N:139.27'E, h0km, mb3.77, mbmp3.77, MS3.0/4, Error ellipse: s-maj=60.7km s-min=21.6km az=87.0

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

IDC 15 03:33:37.4-0.9, 13.91'N:144.09'E, h0km, mb3.76, mbmp3.76, MS3.1/1, Error ellipse: s-maj=28.8km s-min=15.3km az=37.0

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

DJA 15 03:52:36.7-0.8, 7.5'S:6.11'E, h11km, 8km, M3.9/9, mb4.5/3, mB5.8/2, MLV3.6/9, MV(m)B5.4/2, Bali Sea

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

TEH 15 03:59:11.3, 39.24'N:46.02'E, h11km, ML2.5 AZER 15 03:59:11.4, 39.21'N:45.92'E, h10km, ml2.6

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

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Table with columns: BLQ, Beylaqan, 1.34 67 Pn, Pg, 03 59 36.9 -0.4, etc.

IDC 15 04:02:55.3-0.6, 26.6'W:67.79'E, h0km, mb4.2/17, mbmp4.2/17, MS3.7/46, Error ellipse: s-maj=20.5km s-min=15.7km az=92.0

NEIC 15 04:02:58.2+1.9, 26.7'S:0.1:67.6'E, 0.1, h10km, 1km, mb4.7/25, Error ellipse: s-maj=23.5km s-min=19.9km az=129.0

GCMT 15 04:03:00.2+0.3, 26.6'W:67.60'E, 0.03, h17km, 1km, MW4.9/97, Moment Tensor Solution. s28,c32; s97,c126; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-2.43; 17; Mw-2.43; 12; Mo-0.00; 10; Mo-0.69; 25; Mw-0.11; 07; Ms-1.31; 33; Best double couple: Mw2.87400/0.1016 NP1:0.101.00000; s5.00000; A-127.00000; Principal axes: P=2.6070, P1gs.0000; Azm169.0000; N=0.5310, P1gs.0000; Azm262.0000; P=-3.1410, P1gs.0000; Azm269.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 04:02:56.5-0.5, 26.57'S:0.10:67.7E, 0.1, h10km, n98, 0.85N9, mb4.6/38, MS3.8/46, 3C, Indian Ocean Triple Junction

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

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Table with columns: BELA, Belgrano 2, 66.77 193 P, Iamb, P, 04 13 45.4 -2.3, etc.

IDC 15 04:13:35.9-14.0, 14.79'S:164.71'E, h0km, mb4.0/3, mbmp4.0/4, ML3.4/1, Error ellipse: s-maj=258.7km s-min=44.6km az=46.0, Vanuatu Islands region

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

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other details. Includes entries like SUSA Susitna One, FIS Fire Island, RC01 Rabbit Creek A, etc.

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other details. Includes entries like WAT1 Susitna Watana, ILSW Iliamna Southw, WAT6 Susitna Watana, etc.

Table with columns: Call Sign, Name, Power, Frequency, Mode, and other details. Includes entries like Q23K Middleton Isla, Q23K Middleton Isla, Q23K Middleton Isla, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes call signs like MENT, MCARA, CRQM, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes call signs like YAHTE, L27K, CTG, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes call signs like G25K, L14K, M29M, etc.

Table of astronomical observations for stations 15d-5h, including station ID, name, coordinates, and observation details.

Table of astronomical observations for stations YKA through GAR, including station ID, name, coordinates, and observation details.

Table of astronomical observations for stations KBZ through SMG, including station ID, name, coordinates, and observation details.

AFAD 15 05:25:39.3... ISK 15 05:25:39.7... THE 15 05:25:41.1... ISC 15 05:25:39.9... Code Station Name ...

NEIC 15 05:31:53.9, 59.55S:149.33E, h16km, Moment Tensor Solution. Duration: 27.74. Moment tensor: Scale 1017Nm; M1=0.01; M2=0.75; M3=0.74; M4=0.32; M5=1.31; M6=0.66; Fault plane solution: Mo1:67.000x1017 NP1: 0.345,64000, 886,90000, 125,42000. NP2: 0.254,17000, 864,62000, 175,75000. Principal axes: T 1.7296, Plg20.0000, Azm213.0000; N -0.1153, Plg64.0000, Azm352.0000; P -1.6143, Plg15.0000, Azm117.0000.

NEIC 15 05:31:54.1, 59.43S:149.25E, h10km, GCMT 15 05:31:56.7, 0.1, 59.27S:0.1, 149.07E:0.02, h12km, MW5:4141, Moment Tensor Solution, s104, c180; s141, c246; Duration: 182. Moment tensor: Scale 1017 Nm; M1=0.08t:02; M2=0.73t:02; M3=0.65t:02; M4=0.46t:04; M5=1.22t:01; M6=0.21t:04. Best double couple: Mo1:49200x1017 NP1:0.76, 0.0000, 886,0000, 1, -160,00000. NP2:0.345, 0.0000, 870,0000, 1, -4,00000. Principal axes: T 1.4980, Plg11.0000, Azm209.0000; N -0.0100, Plg70.0000, Azm87.0000; P -1.4870, Plg17.0000, Azm302.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 05:31:53.7, 0.1, 59.47S:0.06, 149.33E:0.07, h10km, n187, s193/100, m3, 8/4, MS5.0/61, 5C-1D, West of Macquarie Island

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

Table with columns: MORW, Iamb, Iamb, Time, Res, ISC. Lists seismic events with their magnitudes, locations, and phases.

Table with columns: KULM, Kulim, Time, Res, ISC. Lists seismic events with their magnitudes, locations, and phases.

15C 06:27:54.2, 2.8, 16.46S:177.29W, h432km, 28km, mb3.2/6, mbmp3.9/7, Error ellipse: s-maj=30.4km s-min=21.2km az=127.0

15C 06:27:55.7, 1.0, 16.55S:0.2, 177.5W:0.2, h450km, n9, 0.819/9, mb3.6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the 15C events.

15C 06:33:29.2, 9.2, 5.34N: 125.23E, h64km, 15km, mb3.9/12, mbmp4.2/12, MS3.0/3, Error ellipse: s-maj=32.3km s-min=11.9km az=84.0

15d 7h

DJA 15 06:33:30.4e+1.0, 5°N, 4°12'5E, h34km, 20km, M4, 8/12, mb4.9/11, mb5.3/7, MLV4.8/12, MW(m)B4.7/7

ISC 15 06:33:29.7-0.6, 5.34N, 0.05E, 125.22E, 0.09, h62km, n03, s127/31, mb4.1/13, Mindanao

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

IDC 15 07:00:11.4-1.2, 2.58N, 127.03E, h0km, mb4.0/8, mbmp4.0/8, Error ellipse: s-maj=94.1km s-min=16.2km az=70.0

DJA 15 07:00:17.4-0.5, 3°N, 5°12'7E, h10km, M4.0/8, mb4.5/3, mb4.6/1, MLV3.8/8, MW(m)B3.7/7

ISC 15 07:00:17.0-0.9, 2.53N, 0.09E, 127.1E, 0.1, h35km, n12, s181/14, mb4.0/7, Northern Molokai Sea

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

NEIC 15 07:00:43.7-1.8, 10.46S, 0.09E, 161.46E, 0.10, h31km, 6km, mb4.4/16, Error ellipse: s-maj=17.4km s-min=9.3km az=62.0

IDC 15 07:00:47.2-5.0, 10.50S, 161.26E, h61km, 44km, mb4.0/12, mbmp4.2/13, ML3.7/1, MS3.5/3, Error ellipse: s-maj=25.1km s-min=22.0km az=59.0

ISC 15 07:00:45.3-0.6, 10.49S, 0.08E, 161.37E, 0.10, h50km, n39, s139/38, mb4.3/9, AC, Bougainville-Solomon Islands region

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

2018 OCT

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

JMA 15 07:10:10.5-0.1, 37.2N, 0.2E, 141.4E, 0.5, h18km, MV1.6/23, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

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

NEIC 15 07:10:44.9-1.3, 36.195N, 0.05E, 139.44E, 0.07, h10km, 1km, mb4.7/44, Mw1.0/15, Error ellipse: s-maj=9.8km s-min=7.7km az=127.0 Moment Tensor Solution.

Moment tensor: Scale 10^15Nm; Mu=0.18; Mw=0.03; Mxx=0.21; Myy=0.33; Mzz=1.29; Mxy=0.41; Fault plane solution: M1.41000x1015 Np1.0e0.33000; 876.34000; lambda=18.85000; Principal axes: T.1.3937, P1g3.0000; Azm48.0000; N.0.0332, Plg7.0000; Azm146.0000; P -1.4270, Plg23.0000; Azm317.0000;

NIED 15 07:10:44.5-3.6, 36.81N, 139.39E, h3km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mw=2.14; Mxx=0.24; Myy=0.37; Mzz=1.34; Mxy=1.34; Mxz=0.20; Fault plane solution: M1.42000x1015 Np1.0e0.33000; 876.34000; lambda=18.85000; Principal axes: T.1.3937, P1g3.0000; Azm48.0000; N.0.0332, Plg7.0000; Azm146.0000; P -1.4270, Plg23.0000; Azm317.0000;

NEIC 15 07:10:44.9-3.6, 36.81N, 139.44E, h10km JMA 15 07:10:44.5-0.0, 36.81N, 139.44E, 0.1, h3km, MV3.7/20, NW GUNMA PREF

JMA Felt IV J1 at NW GUNMA PREF. IDC 15 07:10:45.3-0.7, 36.65N, 139.33E, h0km, mb3.9/11, mbmp4.0/14, ML3.6/3, MS3.3/1, Error ellipse: s-maj=15.5km s-min=9.2km az=163.0

ISC 15 07:10:45.2-0.5, 36.82N, 0.03E, 139.41E, 0.04, h10km, n94, s157/86, mb4.6/32, MS3.5/8, 3D, Eastern Honshu

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

910

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

IDC 15 07:20:35.8-1.6, 5.46N, 83.83E, h0km, mbmp3.0/3, ML2.3/3, Error ellipse: s-maj=14.8km s-min=9.9km az=10.0, Southwestern Siberia

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

913 2018 OCT 15d 9h

Table with columns for station call signs (e.g., LIT, KAVA, TYRN), frequencies (e.g., 0.86 242), and various signal parameters (Sg, P, S, AML, etc.). The table is organized into two main columns, each listing multiple stations and their associated data.

15d 9h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SANKT Quirin, KHC Kasperke Hory, MOTA Moosalm, FETA Feichten, etc.

2018 OCT

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MKAR Makanchi Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

914

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MTO3 Montecristo, MTO3 Alcaidia de Te, UESV Universidad de, etc.

Table with columns for call sign, frequency, power, mode, and other details. Includes stations like HPIG, Union, 146A, 143A, BRDY, SAND, TXAR, FW16, FW13, OZNA, SDV, SDV, SDV, 247A, 152A, FW07, 154A, Y45A, CCAR, PLPT, ALPN, FW03, SGCV, Y49A, MNHN, GOGA, MIAR, X48A, Y52A, UALR, ODSA, PECS, X37A, APMT, PLAL, POST, WHAR, HODGE, BAUV, FCAR, W52A, BG3, CPCT, WVT, PAULI, DEOK, TKL, BIRD, U38A, EPT, KMSC, PBMO, V53A, AMTX, T42A, OK048, W57A, V55A, T50A, NOKA, KAN14, 121A, CCM, V58A, U56A, R40A, S51A, WCI, Y22D, RTBA, PCRV, Q44A, ANMO, R32A, P40A, SSFO.

Table with columns for call sign, frequency, power, mode, and other details. Includes stations like KSU1, TUC, P43A, P38A, T59A, P46A, TBTG, T25A, Q52A, P49A, P49A, CZSB, CZSB, Q54A, Q54A, R58B, SFIN, HDIL, X18A, O48B, O49A, KSCO, N35A, N47A, N49A, S22A, O54A, P57A, L40A, N53A, WUJZ, SDMD, MVL, SSSA, BRIGG, U15A, K30B, J47A, M57A, N23A, KNB, ECSD, MTPU, Q16A, SZCU, CCUT, BOAV, BOAV, MOUNT, BINY, SUSD, K57A, L59A, K22A, MPU, PSUT, GWY, TPNV, F33A, S11A, SPR3, SADO, ETMB, ETMB, TCUT, R11B, J59A, Q12A, GRAC, GRAC, E46A, GMN, PDAH, PDAH, MACA, MACA, MACA, NCB, DSP, HUV, LONY, WBO, ELK, SAML, SAML, NV11, NVAR, NVAR, LHV.

Table with columns for call sign, frequency, power, mode, and other details. Includes stations like KVN, H17A, MNTQ, TRQ, WAKR, YMR, YERR, PNTR, G62A, LPZA, VLDQ, DGM, ULM, ULM, G65A, J08A, D62A, ITTB, KMRM, F10A, VILB, VILB, YBH, L04D, KMPM, PINE, NPGB, G06A, G05A, LVC, D08A, H04A, NEW, BUCK, C09A, CLDB, PTLB, PTLB, BBSD, G03D, FFC, FFC, D05A, RPN, EDM, NLWA, PGC, SALV, CLRS, LLLB, SCHO, SCHO, OZB, FDPY, SNDB, CBB, BDQN, MURT, AQDB, AQDB, AQDB, ARAG, SMTB, AMBA, CPUP, BDFB, SDBA, YKA, FRB, TAOE, ITOB, JANB, DLBC, RKT, PLCA, MMPY, GDU01, CMCO1, SJOB, GJMB, NAN01, RIB01, CAM01, M29M, M29M, K29M, I30M, G31M, G31M, M27K, F31M, I29M, BCAR, L27K, L27K.

15d 10h

Table with columns: ID, Name, Location, Date, Time, Res, ISC. Includes stations like M26K Nabesna, AK, BMRM Bremner River, INK Inuvik, etc.

2018 OCT

Table with columns: ID, Name, Location, Date, Time, Res, ISC. Includes stations like E23K Chandalar, H12K Stony River, M18K Meleozina River, etc.

916

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEIC 15 09:30:10.6, 1.7, 18.0S, etc.

SKHL 15 10:03:15.0, 0.2, 45.40N x 147.20E, h166km, 3km, mb4.3/6, mb4.4/9.2

JMA 15 10:03:17.0, 0.0, 45.1N x 147.2E, h194km, MV3.8/30, NEAR ETOROFU ISLAND

ISC 15 10:03:13.3, 1.5, 45.28N, 0.07 x 147.28E, 0.08, h200km, n18, s=1999/27, Kuril Islands

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YSS, JCH, JNK, JOT, JANG, JOMM, JOSS.

DJA 15:10:20:13.2±0.5, 6°S, 2°12'E, h12km, 4km, M4.3/14, mb5.2/1, mb4.5/6, MLV4.2/14, Mw(MB)4.6/1, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BSSI, BKSI, BNSI, BBSS, SPSI, WBSI, PLAI, LUWI, SRBI, SANI, GTOI.

DJA 15:10:29:11.8±0.3, 6°S, 3°12'E, h10km, M3.9/7, mb4.2/1, MLV3.7/7, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BSSI, BKSI, BNSI, BBSS, SPSI, PLAI.

NNC 15:10:31:02.0±1.1, 52°06'N, 75°06'E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=23.7km s-min=6.4km az=27.0, Suspected Mining explosion.

IDC 15:10:31:06.7±1.1, 51°59'N, 75°85'E, h0km, mbtmp2.6/3, ML2.0/3, Error ellipse: s-maj=31.5km s-min=9.0km az=29.0

ISC 15:10:31:02.8±1.1, 51°56'N, 01°17'39"E, h0km, n10, r1503/11, 6C-30, Eastern Kazakhstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KURBB, BVAO, BVAR, BRVK, I46RU, ZALV, MK31, MKAR, MKAP.

MCSM 15:10:42:06.9±0.2, 46°N, 2°37'E, h7km, mb4.6, mb5.0, MLV4.7, Mw(MB)4.3

IDC 15:10:42:06.5±0.5, 46°19'N, 37°14'E, h0km, mb3.9/9, mbtmp4.1/21, ML1.1/21, MS3.2/16, Error ellipse: s-maj=7.3km s-min=5.1km az=32.0

CFUSG 15:10:42:07.6±0.3, 46°30'N, 37°24'E, h0km, mb4.0/8, Azov Sea district 7 Magpye MSH 4.4 from 8 stations

MED_RC 15:10:42:07.0±0.5, 46°32'N, 37°19'E, h17km, 3km, MW4.1/11, Moment Tensor Solution, Mantle waves: s1, c11; Duration: 1s1 Moment tensor: Scale 1015Nm; Mn=0.13±.22; M0=1.75±.24; M0=1.62±.22; M0=0.0±.28; M0=0.0±.19; M0=0.8±.37; Best double couple: M=1.880000e+15 Np1=313.000000, d73.000000, λ=182.000000; NP2=48.000000, d73.000000, λ=182.000000; Principal axes: T=1.75000, Plg0.00000; Azm1.00000; N=0.2600, Plg6.00000; Azm91.00000; P=2.0000, Plg24.00000; Azm270.00000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

MOS 15:10:42:07.0±0.4, 46°33'N, 37°28'E, h17km, MPVA4.8

NAO 15:10:42:09.9±0.4, 46°32'N, 37°19'E, h10km, mb3.5

ISC 15:10:42:07.0±1.2, 46°36'N, 00°43'25"E, h16km, 8km, n265, r1973/369, mb3.8/11, MS3.5/6, 53C-18, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TMNR, GLDR, ANN, SUKR, SPGR, SPGR, GELR, GELR, GELR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GELR, GELR, GELR, GELR, FEO, FEO, FEO, FEO.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FEO, FEO, FEO, FEO, SUDU, SUDU, SUDU, SUDU.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ALU, ALU, ALU, ALU, ALU, ALU, ALU, ALU.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SIM, SIM, SIM, SIM, SIM, SIM, SIM, SIM.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YAL, YAL, YAL, YAL, YAL, YAL, YAL, YAL.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DNZ2, DNZ2, DNZ2, DNZ2, DNZ2, DNZ2, DNZ2, DNZ2.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LBN, LBN, LBN, LBN, LBN, LBN, LBN, LBN.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LABN, LABN, LABN, LABN, LABN, LABN, LABN, LABN.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SEV, SEV, SEV, SEV, SEV, SEV, SEV, SEV.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GZRZ, GZRZ, GZRZ, GZRZ, GZRZ, GZRZ, GZRZ, GZRZ.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GOF, GOF, GOF, GOF, ALER, ALER, ALER, ALER.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DOMR, DOMR, DOMR, DOMR, NE56, NE56, KIV, KIV.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BEYR, BEYR, BEYR, BEYR, SHA1, SHA1, SHA1, SHA1.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PYA1, PYA1, PYA1, PYA1, PYA1, PYA1, PYA1, PYA1.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KBZ, KBZ, KBZ, KBZ, KBZ, KBZ, KBZ, KBZ.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like VSR, VSR, VSR, VSR, VSR, VSR, VSR, VSR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KBTC, KBTC, KBTC, KBTC, PURM, PURM, PURM, PURM.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NCK, NCK, NCK, NCK, NCK, NCK, NCK, NCK.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CIDE, CIDE, CIDE, CIDE, VORR, VORR, VORR, VORR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LSNR, LSNR, LSNR, LSNR, LSNR, LSNR, LSNR, LSNR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DIGR, DIGR, DIGR, DIGR, DIGR, DIGR, DIGR, DIGR.

15d 11h

Table of radio stations and frequencies for the 15d 11h band. Includes stations like BR131 Keskin Array S, BR105 Keskin Array S, and various other frequencies and power levels.

2018 OCT

Table of radio stations and frequencies for the 2018 OCT band. Includes stations like STHS Stebnicka Huta, KIRV Kirov, and various other frequencies and power levels.

918

Table of radio stations and frequencies for the 918 band. Includes stations like RIGZ Rimuhau, WRA Warramunga Arr, and various other frequencies and power levels.

NOU 15 10:48:30.2,36:23S:179:53W, h0km, MLV4.0/7, East of North Island, N.Z.
IDC 15 10:48:35.1,3.4,36:04S:179:59E, h0km, mb3.7/2, mbmp3.9/7, ML3.4/1, Error ellipse: s-maj=4.4km
WEL 15 10:48:38.1,1.0,36:51S:180:0E, h12km, M3.6/18, M3.8/23, MLV3.6/18, Error ellipse: s-maj=12.4km
ISC 15 10:48:36.2,1.3,34:45S:170:7, h180:0E:0.1, h10km, n54, c1807/66, Off east coast of North Island

Table with columns: MOVZ, WNVZ, TRVZ, WHVZ, FWVZ, etc. and rows listing various stations and their coordinates.

Table with columns: TURN, ARG, ARG, ARG, ARG, etc. and rows listing stations and their coordinates.

Table with columns: GCAM, GCAM, KIRA, KIRA, BCK, etc. and rows listing stations and their coordinates.

TEH 15 12:15:40.9,27.19N,57.70E, h8km,66km, ML2.9

OMAN 15 12:15:50.5,0.1,26.63N,57.28E, h10km,1km, ml2.7/15,

ISC 15 12:15:36.3,1.4,27.06N,0.03,57.89E, h0km,12km,

n26, c200/41, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KHNJ, JASK, IBND, etc.

ISK 15 12:23:44.8,36.46N,28.70E, h5km, ML3.3/31

IDC 15 12:23:44.5,1.2,36.38N,28.77E, h0km, mb3.6/4,

NIC 15 12:23:44.2,36.36N,28.74E, h0km,1km, ML3.2/8

AFAD 15 12:23:45.2,0.0,36.44N,28.70E, h2km, ML3.0

ATH 15 12:23:45.9,36.43N,28.76E, h12km,2km, ML3.3/13,

THE 15 12:23:45.9,36.44N,28.66E, h2km,1km, ML3.2/2, Error

ISC 15 12:23:45.7,1.0,36.42N,0.02,28.73E, h0km,7km,

n104, c15/12/158, mb3.5/4, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FETY, DALY, IZZE, etc.

Table with columns: DAT, DAT, DAT, DAT, DAT, etc. and rows listing stations and their coordinates.

INCE 15 12:23:44.8,36.46N,28.70E, h5km, ML3.3/31

INCE 15 12:23:44.5,1.2,36.38N,28.77E, h0km, mb3.6/4,

INCE 15 12:23:44.2,36.36N,28.74E, h0km,1km, ML3.2/8

INCE 15 12:23:45.2,0.0,36.44N,28.70E, h2km, ML3.0

INCE 15 12:23:45.9,36.43N,28.76E, h12km,2km, ML3.3/13,

INCE 15 12:23:45.9,36.44N,28.66E, h2km,1km, ML3.2/2, Error

INCE 15 12:23:45.7,1.0,36.42N,0.02,28.73E, h0km,7km,

INCE 15 12:23:45.7,1.0,36.42N,0.02,28.73E, h0km,7km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KLNK, KARP, KARP, etc.

Table with columns: ALFK, ALFK, ALFK, ALFK, ALFK, etc. and rows listing stations and their coordinates.

IDC 15 12:26:28.2,3.6,5.88S,150.91E, h0km, mb3.7/2,

Code Station Name Az Az'z' Phase ID Time Res

WRA Warramunga Arr 21.33 228 P P 12 21 17.2 +0.2

ASAR Alice Springs 24.09 221 P P 12 21 45.9 +0.1

TORD Torodi Arr. Bea 148.81 286 PKPbc PKPbc 12 24 18.1 -0.8

IDC 15 12:31:14.8,3.7,5.75S,150.69E, h0km, mb3.6/2,

Code Station Name Az Az'z' Phase ID Time Res

WRA Warramunga Arr 21.25 227 P P 12 21 03.5 +0.7

ASAR Alice Springs 24.05 221 P P 12 21 45.9 +0.1

TORD Torodi Arr. Bea 148.57 286 PKPbc PKPbc 12 25 04.3 -0.5

SSNC 15 12:32:23.4,0.9,20.14N,72.80W, h20km,61km, MD3.0,

ISC 15 12:32:18.5,1.3,19.6N,0.2,73.00W, h17km,12km, n9,

15d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MASC, REDR, QMBU, LUDR, GTBY, MOAC, PINC, HATOM.

NNC 15 12:48:08.0, 11.0, 42.16N-86.16E, h0km, mb3.1, mpv2.6, Error ellipse: s-maj=84.4km s-min=53.6km az=125.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PDGK, DJR, SHLS, MKS1, MK31, UZB, MAZK, KPKS, SATY, ARXS.

SJA 15 12:58:53.6, 1.4, 24.01S:67.16W, h220km, 11km, ML4.5, Mw4.5
NEIC 15 12:58:54.9, 2.7, 24.02S:0.06:67.01W, h158km, 6km, mb4.8/87, Mw4.7/12, Mwrs:0(GUC), Error ellipse: s-maj=1.5km s-min=0.2km az=86.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AF01, SLA, LVC, YJA, GO02.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB09, PB14, AHML, PB04, PATCX, PX03, HMBC, GO03, TA01, TA02, GO01, VCA, AACL, AC04, LCO, CO01, FPDY, CO05, CO06, LPAZ, CO02, POPY, MURT, CPUP, VA03, PE04, MT08, SIV, MT16, MT02, MT05, MT03, LMEI, BDOQ, MT09, GO04, MT01, BO01, ITQB, ITQB, AODS, AADL, BO02, AMBA, PTLB, PTBL, GO04, RODS, VILB, VILB, RPRD, BI02, SALV, BI05, CPBS, ITAB, H03N1, H03N2, H03N3, ETMB, H03S3, H03S1, H03S2, PLTB, TRJA, LDASE, NNA, NNA, SAML, SAML, SAML, CNLB, PRDB, GO06, FRTB, FRTB.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LR03, ARAG, MAJ0, TER01, PLCA, CLDB, CZSB, B19B, SPB, SPB, SPB, VAO, IPMB, LLO1, LLO6, LLO2, PARB, GO07, BDFB, BDFB, TBGT, ATAH, PMNB, SLP01, NPGB, BSCB, AN01, MACA, MACA, VAS01, GOVY, ITTB, DIAM, DUB01, JANB, CAM01, SMTB, SDBA, PRPB, ALF01, SJMB, GO08, RIB01, AN01, OTAV, GU01, BOAV, G0AV, CM01, GDU01, NBLA, NBAN, BAUV, BAUV, NBCA, NBCL, RCBR, RCBR, SOCE, PMSA, MTO3, SMAI, CMIG, VNA3, VNA1, VNA2, ZAIG, ZAIG, VNA3, SNAI, SNAI, SNAI, SNAI, JSC, JSC, TROLL, U56A, U56A, CPCT, TKL, TKL, SWET, SWET, BBTS, BRDY, BRDY, WVT, WVT, T50A, T50A, TXAR, FCAR, X37A, X37A, WFTS, MNHN, MNHN, VHRN, VHRN, DEOK, CCM, QUOK, S39A.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like S39A, QSPA, T35A, etc.

BGSJ 15 13:15:38.74.0.25:69S:29.87E, h0km, 207km, ML1.9
ISC 15 13:15:38.2.4.0.25:9S:01.29:44E.0106.0, h0km, n12

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Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like MOPA, MOPM, MREM, etc.

FRU1 Bishkek 4.67 352 P Pn 14 14 05.7 -0.1
TKM2 Tokmak 2 4.73 1 P Pn 14 14 05.8 -1.1

15d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers like CHMS, CHMS, PRZ, KST, etc.

C19K Lookout Ridge 65.62 19 P Pn 14 23 26.0 +1.7
D19K Kuna River 66.44 19 P Pn 14 23 30.4 +1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ikkilik River, Resolute Bay, Anaktuvuk Pass, Toolik Lake Re, Altna River, Sachs Harbour, Doyon Strip, Eielson Array, Whitestone, Satah River, Joseph Creek, Peeler River, Mount Dempster, Beaver Creek, Somme Creek, Chitina Glacie, Haines Junctio, Yellowknife Ar.

IDC 15 14:13:46.4-1.4, 6.01S; 151.42E, h0km, mb3.8/7, mbtmp3.8/8, ML1.3/1, Error ellipse: s-maj=62.0km s-min=19.4km az=116.0

ISC 15 14:13:53.1-1.3, 6.05S; 02.1512E, 0.3, h43km, n9, r+130.10, mb3.9/7, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Stephens Creek, Petropavlovsk, Songoing Array, Kurchatov Arra, Eielson Array, Torodi Ar. Bea.

IDC 15 14:20:34.0-2.0, 5.67S; 150.78E, h0km, mb3.3/3, mbtmp3.6/3, MS3.2/1, Error ellipse: s-maj=121.8km s-min=28.6km az=125.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Nakatsue, Eielson Array, Torodi Ar. Bea.

IDC 15 14:21:22.2-0.9, 36.98N; 27.59E, h0km, mb3.6/8, mbtmp3.6/11, ML1.4/1, MS3.2/12, Error ellipse: s-maj=26.2km s-min=13.4km az=149.0

ISK 15 14:21:23.4, 36.88N; 27.56E, h8km, ML4.0/27 THE 15 14:21:24.3, 36.88N; 27.62E, h8km, ML3.8/4, Error ellipse: s-maj=0.6km s-min=0.2km az=215.0

ATH 15 14:21:24.6, 36.87N; 27.60E, h15km, 1km, ML3.5/11, Error ellipse: s-maj=2.4km s-min=0.9km az=236.0

AFAZ 15 14:21:24.0, 0.0, 36.88N; 27.60E, h7km, 1km, MLW4.0 ISC 15 14:21:24.1-0.7, 36.88N; 02.2759E, 0.02, h16km, 5km, n111, r+138/132, mb3.6/8, MS3.3/5, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Datca, Bodrum, Milas, Nirosiros, Kalymnos.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MRSB Marmaris-Mugla, Turunc, Yerkesik, Aydin, Didim, Mugla, Merkez, Arkhangelos, Dalgyn, Gcam, Samos, Denizli, Tavavas, Nazli, Fethiye, DGB, Gumudur, Karpathos, Camei, Denizli-Tavas, DNIZ, CAEL, KIRA, KNIK, APEiranthos, URLA, AKAS, MANT, INCE, KULA, KULA, GOMA, THRS, ELL, CHOS, CHOS, CHOS, DEMR, AKS, ZKR, ZKR, GORD, BRDR, KORT, PRK, PRK, ANOVA, ANOVA, SIGRI, SIGRI, SIGRI, DION, DION, LIMNOS ISLAND.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Limnos Island, Platees, Samothraki Isl, Samothraki Isl, Alexandroupoli, Mathiatis, Keskin Array, Mount Meron ar, Mount Meron Ar, GEM, Neve Ativ, SHMJ, QRNJ, Al-Qirein, HMDT, Nahal Hemdat, KZT, Kziot, MSBI, Mazada, Mustafa Rosu, PRNI, Paran, ASF, Jabal al Asfar, MBRI, Mt Beresh, EIL, Eilat, GNI, GARNI, AKASG, Malin Array Be, VRAC, Vranov, GERES, GERES Array B, GERES, DAVOX, Davos/Dischmat, BELG, Belogomoye, FINES, Fines Array B, ESDC, Sonseca Array, HFS, Hagfors, NOA, NORSTAR Array B, TORODI Ar. Bea, BVAR, Borovoye Array, KURBB, Kurchatov Arra, BORG, Borgarnes, MKAR, Makanchi Array, SONM, Songoing Array, CMAR, Chiang Mai Arr, GUAMO, GUAMO, PATS, Patohpeh, H11S3, WAKE ISLAND HY, H11S1, WAKE ISLAND HY, H11S2, WAKE ISLAND HY, H11N1, WAKE ISLAND HY, H11N2, WAKE ISLAND HY, H11N3, WAKE ISLAND HY, KSRS, Korea Array, MTN, Mantion Dam, WRO, Warramunga Arr, WRO, Warramunga Arr, WRO, Warramunga Arr, FITZ, Fitzroy Falls, SONM, Songoing Array, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs, CMAR, Chiang Mai Arr, KULM, Kulim, STKA, Stephens Creek, ZALV, Zalesov B, MKAR, Makanchi Array, KURBB, Kurchatov Arra, I23K, Minto, Yukon-K, SCM, Sheep Creek Mt, C23K, Ikkilik River, C23K.

Table with columns: IAR, Eielson Array, 63.27 26 P, 14 40 56.8 -1.7, etc.

IDC 15 14:37:32.1-0.6, 15:36S-173:20W, h0km, mb4.2/11, mbmp4.3/12, ML3.1/1, MS3.7/23, Error ellipse: s-maj=25.6km s-min=14.8km az=120.0

NEIC 15 14:37:35.2-1.1, 15:27S-173:17W, h10km, 1km, mb4.6/52, Error ellipse: s-maj=21.8km s-min=12.5km az=288.0

NOU 15 14:37:35.7, 15:23S-173:04W, h17km, ML5.4/11, Tonga Islands

ISC 15 14:37:36.9-0.5, 15:26S-173:10W, h0.028, h29km, n126, s159/89, mb4.6/38, MS3.8/22, ID, Tonga Islands

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

Main table with columns: SBA, Scott Base, 63.42 185 P, 14 48 05.8 +2.5, etc.

Main table with columns: F19K, baz=30, S, Sb, 15 00 21.5 -0.1, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like GCSA Galena City Sc, I20K Naahedeneel, D24K Happy Valley, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like L19K White Mountain, L17K Donlin, D27M Malcolm River, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like LOAL Cerro Verde, CEVE Cerro Verde, SBLAS San Blas, etc.

15d 16h

Table with columns: SBUM, JOW, MJAR, JMN, YOJ, JTM, ADK, MYKOM, KRSR, PEAOB, PETK, USAOB, USRKB, IPM, KULM, SLBS, Q02D, NVAR, CMAR, TXAR, PDAR, KURBB, ARCES, FINES, NOA, ARPR, AKASG, AKASB, BNN, BRTR, BRTR, BRTR, MMAI, EKA, CSS. Each row contains station name, coordinates, and various data points.

JMA 15 16:05:26.2, 0.2, 23.4N, 0.8, 121.9E, 0.9, h45km, MV2.7/12, TAIWAN REGION, TAP 15 16:05:26.9, 23.40N, 121.97E, h33km, ML2.9, D ISC 15 16:05:26.1, 0.1, 23.37N, 0.02, 121.99E, 0.02, h28km, g9km, n119, c0994/233, 5D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ECBN, HGSB, TEGC, SHUL, CHKH, EGFH, EHYH, TEYL, EYUL, EHY, YULB, TWFI, WARBT, FULB, EDH, EDH, ETM, EHD, ECS, TWD.

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Table with columns: EOSA, LXIB, LDUT, ETL, NACB, ELDTW, LONT, OWD, ETLH, EOSB, EAHA, TTN, TTTN, TWGBT, TWG, TWG, WUSB, WHF, WHF, SSSL, SSSL, EOSB, EOSB, ENA, ENA, EWUT, EWUT, WHYT, WHYT, ALS, ALS, FUSS, FUSS, STYH, STYH, TWT, TWT, TDCB, TDCB, TYC, TYC, NNSB, NNSB, WCS, WCS, NNS, NNS, ESAO, ESAO, CHNS, CHNS, ECL, ECL, LATG, LATG, WJS, WJS, TWC, TWC, TPUB, TPUB, WTP, WTP, WCKO, WCKO, CHN4, CHN4, NDS, NDS, SLGT, SLGT. Each row contains station name, coordinates, and various data points.

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Table with columns: WNT, WNT, WHP, WHP, ENTT, ENTT, SGST, SGST, WGK, WGK, CHN1, CHN1, CHN1, TWE, TWE, SNST, SNST, SNST, TWK, TWK, LAY, LAY, TSMG, TSMG, YHNB, YHNB, LYUB, LYUB, LYUB, NSK, NSK, TAW, TAW, TAW, FUSB, FUSB, YOJ, YOJ, YOJ, EAST, EAST, EAST, CHY, CHY, CHY, TAWH, TAWH, TAWH, SCST, SCST, SCST, MASBT, MASBT, MASBT, NWLT, NWLT, NWLT, NFF, NFF, NFF, WTK, WTK, WTK, TW1, TW1, TW1, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, WDJ, WDJ, WDJ, SLIU, SLIU, SLIU, NMLH, NMLH, NMLH, TIPB, TIPB, TIPB, SCZT, SCZT, SCZT, WSL, WSL, WSL, CHN8, CHN8, CHN8, WSF, WSF, WSF, TWA, TWA, TWA, SX11, SX11, SX11, WSSB, WSSB, WSSB, TSCK, TSCK, TSCK, HEN, HEN, HEN, TWKBT, TWKBT, TWKBT. Each row contains station name, coordinates, and various data points.

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

SJA 15 16:20:59.0-1.2, 27.75S:69.19W, h11km, ML4.1, MW3.8
GUC 15 16:21:00.4-0.6, 27.80S:69.31W, h12km, 3km, ML4.3
NEIC 15 16:21:06.4-1.1, 27.74S:0.04:69.6W:0.1, h53km, 13km, mb4.3/2, ML4.3(GUC), Error ellipse: s-maj=15.0km s-min=5.8km az=102.0

ISC 15 16:21:02.3-1.6, 27.77S:0.02:69.33W:0.03, h13km, 12km, n60, c1947/81, 3C-4D, Northern Chile

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists numerous stations across various regions.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Bocatomoa Ro, Curacav, IPOC Station P, etc.

BGR 15 16:26:47.7, 3.12N:95.69E, h33km, mb5.0
MOS 15 16:26:48.6:0.8, 4.05N:96.04E, h40km, mb5.4/64, MS4.0/4, Error ellipse: s-maj=8.2km s-min=3.8km az=117.3

BUI 15 16:26:48.8, 3.77N:95.82E, h63km, mb5.2/80, mb5.0/32, MS4.3/57, Ms7 4.2/59

IDC 15 16:26:51.2:1.8, 4.03N:96.02E, h48km, 15km, mb4.7/30, mbmp4.9/31, ML3.8/1, MS4.0/54, Error ellipse: s-maj=15.5km s-min=10.8km az=54.0

NEIC 15 16:26:51.5, 3.88N:95.99E, h50km, MB5.2/61, DJA 15 16:26:51.7:0.2, 4.2N:9.6E:1, h52km, 2km, MS.2/61, Mw/Mp4.7/1, Mw/ps.0/1

NEIC 15 16:26:51.5, 3.88N:95.79E, h50km, Moment Tensor Solution. Duration: 196 Moment tensor: Scale 10^16Nm; Mn:2.92; Mw:2.18; Ms:0.74; Mo:1.22; Ms:1.53; Mr:1.15; Fault plane solution: Mo:3.47000x10^16 NP1: phi:127.98000, delta:47.000, lambda:95.99000. NP2: phi:296.31000, delta:31.05000, lambda:79.97000. Principal axes: T 3.3680, P1g75.0000, Azm54.0000, N 0.1990, P1g5.0000, Azm305.0000, P -3.5770, P1g14.0000, Azm212.0000;

GCMT 15 16:26:51.5:0.2, 3.69N:0.02:95.95E:0.02, h48km, 1km, MW5.0/93, Moment Tensor Solution. s64.c84; s93.c134; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.86; 14; Mw:1.82; 10; Ms:1.04; 11; Mo:1.38; 08; Mw:2.14; 08; Mr:1.42; 08; Best double couple: Mo:3.79300x10^16 NP1: phi:134.0000, delta:61.0000, lambda:94.0000. NP2: phi:305.0000, delta:30.0000, lambda:82.0000. Principal axes: T 3.4270, P1g74.0000, Azm55.0000, N 0.7310, P1g4.0000, Azm312.0000, P -4.1590, P1g16.0000, Azm221.0000;

nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 15 16:26:51.5:1.7, 3.88N:0.06:95.90E:0.07, h50km, 5km, mb5.3/156, Mw/ps.0/10 Error ellipse: s-maj=10.9km s-min=8.7km az=76.0

ISC 15 16:26:51.1-0.3, 3.90N:0.03:95.93E:0.04, h50km, 1km, h50km; p-P.n826, c1915/848, mb5.2/295, MS4.1/78, 54C-34D, Off west coast of northern Sumatera

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

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists numerous stations across various regions.

15d 16h

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like PTH Davo City (W), SONA Kundal, JOSI Josimath, TWG Pinlang, YULB Soe, SOEI Soe, WHN Wuhan, NLP Namlea, KLP Kaipa, GOMU GeErMu, XAN Xi'an, HANLY HANLEY, LHZ Lanzhou, BHK Bhakra, DHRM DHARAMSHALA, THN Thein Dam, LYN LuoYang, PSAD1 Pilbara Seismi, PSAC1 Pilbara Seismi, PSAB1 Pilbara Seismi, PSA2 Pilbara Seismi, PSA11 Pilbara Seismi, PSA00 Pilbara Seismi, NJ2 Nanjing, GTA Gaotai, SWI Sorong, SSE Sheshan, NIL Nilore, FITZ Fitzroy Crossi, FAKI Fak Fak, MEEK Meekatharra, HNS HongShan, TIA Tai'an, KNRA Kununurra.

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Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like KNRA Kununurra, MORW Morawa, DRS Darwin, BTO Baotou, MTN Manton Dam, MTN Manton Dam, HHC Hu-ho-hao-te, KSH Kashi, KDU Kakadu, WUS Wushi, BJT Baijiatatau, BJT Baijiatatau, BJ Beijing, WMQ Urumqi, WMQ Urumqi, MUN Munding, WSAR Wadi Sarin, KLBR Kellerberrin, KLBR Kellerberrin, SHLS Shalkode, SHLS Shalkode, NWA0 Narragoin (SRO), NWA0 Narragoin (SRO), NWA0 Narragoin (SRO), NWA0 Narragoin (SRO), NWA0 Narragoin (SRO), UZB Uzynbulak, UZB Uzynbulak, PDGK Podgornoye, DL2 Dalian, DL2 Cape Leeuwin H, DL2 Cape Leeuwin H, DL2 Cape Leeuwin H, DL2 Cape Leeuwin H, SATY Saty, SATY Saty, OHH Osh, ZHN Zhinshike, ZHN Zhinshike, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, KPKS Kokpek, KPKS Kokpek, SIMJ Simiganj, SIMJ Simiganj, TNS5 Tian-Shan, TNS5 Tian-Shan, MDOK Medeo, MDOK Medeo, MDOK Medeo, WRKA Warakurra, WRKA Warakurra, AAA Alma-Ata, AAA Alma-Ata, UCH Uchter, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, KBK Karagaybulak, KMBL Kambalda, KMBL Kambalda, AML Almayashu, SOHO SOHO, AAK Ala-Archa, AAK Ala-Archa.

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Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, ARKS Arkanly, EKS2 Erkin-Say, TJN Taejon, TJN Taejon, TJN Taejon, UOSS Minazif, UOSS Minazif, UOSS Minazif, HATD Hatta, Dubai, ASHO Ashiyah, USP Oshpenovka, MDH Madha, ALNE Al Ain, XLT XilinHaoTe, XLT XilinHaoTe, XLT XilinHaoTe, XLT XilinHaoTe, INCN Incheon, SGDS Sogindy, SGDS Sogindy, JNU Nakatsue, JNU Nakatsue, JNU Nakatsue, TDK Taldyqorghan, TDK Taldyqorghan, TDK Taldyqorghan, ASUD Al Ashush, Dub, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, WB0 Warramunga Arr, WB0 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, DZA Taraz, DZA Taraz, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, WR0 Warramunga Arr, WR0 Warramunga Arr, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, CHM Chiment, CHM Chiment, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, MZR Muzera, MZR Muzera, BTLS Baital, BTLS Baital, BRLS Borolday, BRLS Borolday, BRLS Borolday, AS31 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, AS01 Alice Springs, AS01 Alice Springs, JMN Monobe, JMN Monobe, JMN Monobe, JMN Monobe, FORT Forrest, FORT Forrest.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FORT Forrest, ZAK Zakamensk, CN2 Changchun, SEM Semipalatinsk, IRK Irkutsk, KURBB Kurchatov Arra, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLR Kul'dur, AB31 Akbulak array, JTM Tenmabayashi, CTA Charters Tower, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04S1 CROZET ISLANDS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKBB Malin Array Si, KIEV Kiev, and ELND Plostinia.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OJC Ojcow, LANS Liptovska Anna, and SUR Sutherland.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBA Koelnbreinsper, FDMO Ruedersdorf, and ONAU Onsal.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like RSSD Black Hills, JLJU Jordanelle, TCUT Toone Canyon, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like T35M Bob Quinn, T35M Bob Quinn, TORD Torodi Ar. Bea, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like A36M Sachs Harbour, CRQE Cirque, INK Inuvik, etc.

Table of station data for the left column, including station ID (e.g., M22K), station name (e.g., Willow), and various parameters like frequency, power, and coordinates.

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Table of station data for the middle column, including station ID (e.g., M17K), station name (e.g., Holitna River), and various parameters like frequency, power, and coordinates.

15d 16h

Table of station data for the right column, including station ID (e.g., CTAO), station name (e.g., Charters Tower), and various parameters like frequency, power, and coordinates.

AEIC 15:16:36.07.2, 1.5, 5.4, 86N, 0.108, 163.3W, 0.1, h106km, 6km, Error ellipse: s-maj=14.9km s-min=3.4km az=144.0
NEIC 15:16:36.07.2, 1.2, 5.472N, 0.110, 163.2W, 0.1, h112km, 2km, mbr=17.5, ML, 3.4/12, ML, 3.1(AEIC), Error ellipse: s-maj=16.1km s-min=5.6km az=150.0, Unimak Island region

Table of station data for the right column, including station ID (e.g., FALS), station name (e.g., False Pass), and various parameters like frequency, power, and coordinates.

935

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like Monobe, Biilbinio, Hailar, Korea Array, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like Nanjing, Granite Mounta, Timber Creek, etc.

15d 16h

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like Ikpikuk River, Allakaket, Killik River, etc.

FINES	FINES Array B	63.77 335	eP	P	19 40 08.7	-0.3
PDAR	Pinedale Array	64.64 54	P	P	19 40 15.4	0.0
OBN	Obninsk	65.06 325	eP	P	19 40 17.6	+0.2
OBN	Obninsk	65.06 325	eP	P	19 40 17.6	+0.2
NB2	NORSAR Subarra	67.96 341	P	P	19 40 35.6	-0.4
NB2	NORSAR Subarra	67.96 341	P	P	19 40 35.6	-0.4
NOA	NORSAR Array B	67.96 341	eP	P	19 40 36.0	0.0
NOA	NORSAR Array B	67.96 341	eP	P	19 40 36.0	0.0
HFS	Hagfors	68.19 339	P	P	19 40 37.0	-0.4
HFS	Hagfors	68.19 339	P	P	19 40 37.0	-0.4
KBZ	Khabaz	70.63 314	iP	P	19 40 53.0	+0.3
KBZ	Khabaz	70.63 314	iP	P	19 40 53.0	+0.3
AKASG	Malin Array Be	71.29 326	P	P	19 40 56.0	-0.7
AKASG	Malin Array Be	71.29 326	eP	P	19 40 55.9	-0.7
ASAR	Alice Springs	72.44 198	P	P	19 41 03.9	+0.2
BUR08	Bucovina Ar. S.	75.31 326	P	I	19 41 20.5	0.0
BUR08	Bucovina Array	75.31 326	P	I	19 41 19.8	-0.8
EKA	Eskdalemuir	76.07 346	P	P	19 41 24.4	-0.1
CLL	Collim	76.20 335	iP	P	19 41 24.7	-0.6
CLL	Collim	76.20 335	iP	P	19 41 24.7	-0.6
CLL	Collim	76.20 335	iP	P	19 41 24.7	-0.6
TXAR	Lajitas Array	77.42 61	P	P	19 41 32.1	-0.6
BRTR	Keskin Array B	78.15 317	P	P	19 41 36.1	-0.5
BRTR	Keskin Array B	78.15 317	eP	P	19 41 37.1	+0.4
GERES	GERESS Array B	78.19 334	P	P	19 41 36.1	-0.6
OSA2	Mount Meron Ar.	80.45 39	P	P	19 41 50.9	+1.9
MMAI	Mount Meron Ar.	82.59 311	P	P	19 42 00.2	-0.3
CPCT	Cooper Cave	83.04 44	I	I	19 42 05.0	+2.3
VAE	Valguarnera	88.08 328	LR	LR	20 28 45.4	
H03N2	Juan Fernandez	138.82 90	T	T	22 23 60.0	
H03N1	Juan Fernandez	138.83 90	T	T	22 24 00.1	
H03N3	Juan Fernandez	138.83 90	T	T	22 24 01.9	
TROLL	Troll, Antarti	151.42 199	PKP	PKP	19 49 37.9	-0.3
TROLL	Troll, Antarti	151.42 199	PKP	PKP	19 49 29.1	-0.5
SNA4	Sanae	152.79 196	PKP	PKP	19 49 28.4	+3.0
SNA4	Sanae	152.79 196	PKP	PKP	19 49 31.3	-1.3
SNA4	Sanae	152.79 196	PKP	PKP	19 49 31.6	-1.0
SNA4	Sanae	152.79 196	PKP	PKP	19 49 28.4	+3.0
VNA3	Neumayer Olymp	154.34 193	PKP	PKP	19 49 49.1	-1.2
VNA3	Neumayer Olymp	154.34 193	PKP	PKP	19 49 34.3	-1.7

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BULLU	Kimbe	1.14	302	Op	h	m
H0PG	Keravat	1.96	22	P	Pb	19 36 33.1
H0PG	baz=207,slow=30,SNR=0.2			S		19 36 56.3
H0PG	baz=200,slow=70			S		19 36 43.0
RABL	Rabaul	2.12	24	Pn	Pn	19 36 31.4
KAVG	Kavieng	3.56	352	P	Pn	19 36 56.2
PMG	Port Moresby	5.22	231	P	Pn	19 37 15.6
PMG	Port Moresby	5.22	231	P	Pn	19 37 18.2
PMG	Port Moresby	5.22	231	P	Pn	19 37 18.3
PMG	Port Moresby	5.22	231	P	Pn	19 37 16.2
PMG	Port Moresby	5.22	231	ceP	Pn	19 37 15.3
PMG	Port Moresby	5.22	231	ceP	Pn	19 37 15.8

MANU	Manus Island	5.64 316	Pn	Pn	19 37 24.9	+4.0
HNR	Honiara	9.18 111	Pn	Pn	19 38 11.1	+1.5
HNR	Honiara	9.18 111	Pn	Pn	19 38 15.8	+6.2
HNR	Honiara	9.18 111	Pn	LR	19 41 41.1	
HNR	Honiara	9.18 111	Pn	Pn	19 38 11.1	+1.5
COEN	Coen	11.14 225	P	P	19 38 36.7	+0.2
COEN	Coen	11.14 225	P	Pn	19 38 37.8	+1.4
COEN	Coen	11.14 225	P	Pn	19 38 37.9	+1.5
JAY	Jayapura	11.25 288	P	Pn	19 38 35.3	-1.2
GENI	Genyem	11.63 287	P	Pn	19 38 44.8	+1.7
GENI	Genyem	11.63 287	P	Pn	19 38 45.0	+1.9
MTSU	Mount Surprise	13.73 209	P	Pn	19 39 13.0	+1.1
MTSU	Mount Surprise	13.73 209	P	Pn	19 39 13.6	+1.8
TVH	Townsville Har	13.76 198	P	Pn	19 39 14.9	+2.7
PATS	Pohnpei	14.67 29	Pn	Pn	19 39 25.0	+0.4
PATS	Pohnpei	14.67 29	Pn	P	19 39 30.5	+0.6
CTA	Charters Tower	14.71 199	LR	LR	19 45 18.5	
CTA	Charters Tower	14.71 199	Pn	Pn	19 39 26.3	+1.2
CTA	Charters Tower	14.71 199	Pn	Pn	19 39 25.3	+1.2
GD15	Gladstone Soft	17.61 180	P	P	19 40 05.4	+2.4
KMPI	Kaimana, Papua	17.69 277	P	P	19 40 02.4	-0.9
QIS	Mount Isa	18.28 217	P	Pn	19 40 11.0	+0.5
QIS	Mount Isa	18.28 217	P	Pn	19 40 12.2	+1.7
FAKI	Fak Fak	19.24 279	P	P	19 40 19.5	-1.7
FAKI	Fak Fak	19.24 279	P	P	19 40 21.9	-0.4
FAKI	Fak Fak	19.24 279	P	P	19 40 21.3	+0.2
KDU	Kadadu	19.66 249	P	P	19 40 27.7	0.0
KDU	Kadadu	19.66 249	P	Pn	19 40 25.2	0.0
SAUI	Saumlaki	19.92 264	P	P	19 40 27.7	-0.9
SAUI	Saumlaki	19.92 264	P	P	19 40 29.6	-0.7
SAUI	Saumlaki	19.92 264	P	P	19 40 27.5	-1.0
GUMU	Guam	20.61 342	P	Pn	19 40 32.1	-3.8
GUMU	Guam	20.61 342	P	Pn	19 40 39.3	+1.0
GUMU	Guam	20.61 342	P	P	19 40 36.2	+0.3
GUMU	Guam	20.61 342	P	P	19 40 32.1	-3.8
GUMU	Guam	20.61 342	P	P	19 40 34.3	-2.2
SWI	Soroti	20.66 284	P	P	19 40 34.3	-2.2
MTN	Manton Dam	20.96 250	P	I	19 40 38.7	-1.1
MTN	Manton Dam	20.96 250	P	I	19 40 41.6	
MTN	Manton Dam	20.96 250	P	P	19 40 39.7	0.0
DRS	Darwin Rock St	21.06 251	P	P	19 40 41.6	+0.7
AUWH	Wavell State H	21.21 176	P	P	19 40 46.1	+3.7
WR0	Warramunga Arr	21.29 229	P	P	19 40 42.4	-0.9
WR0	Warramunga Arr	21.29 229	P	I	19 40 42.3	-1.1
WR0	Warramunga Arr	21.29 229	P	I	19 40 45.5	
TW1H	Toowoomba 1 Ha	21.30 178	P	P	19 40 45.0	+1.6
BNDI	Bandanaira	21.35 273	P	P	19 40 43.8	-0.2
BNDI	Bandanaira	21.35 273	P	P	19 40 42.2	-1.8
QLP	Quilpie	21.42 198	P	P	19 40 46.8	+2.2
QLP	Quilpie	21.42 198	P	P	19 40 46.7	+2.1
WRAB	Tennant Creek	21.42 229	P	P	19 40 43.4	-1.4
WRAB	Tennant Creek	21.42 229	iP	P	19 40 43.6	-1.2
WRAB	Tennant Creek	21.42 229	P	P	19 40 43.6	-1.2
WB2	Warramunga Arr	21.43 229	P	P	19 40 44.3	-0.5
WB2	Warramunga Arr	21.43 229	P	I	19 41 03.7	
WRA	Warramunga Arr	21.44 229	P	P	19 40 43.7	-1.2
WRA	Warramunga Arr	21.44 229	P	P	19 40 43.3	-0.7
WRA	Warramunga Arr	21.44 229	P	S	19 44 38.9	-2.5
WRA	Warramunga Arr	21.44 229	P	LR	19 50 32.9	
WRA	Warramunga Arr	21.44 229	ceP	P	19 40 44.2	-0.7
DZM	Mont Dzumac	21.58 139	P	P	19 40 47.5	+1.0
DZM	Mont Dzumac	21.58 139	eP	P	19 40 45.7	-0.8
DZM	Mont Dzumac	21.58 139	eS	S	19 44 44.4	+0.2
DZM	Mont Dzumac	21.58 139	eLR	LR	19 45 56.7	
DZM	Mont Dzumac	21.58 139	P	P	19 40 50.1	+3.6
DZM	Mont Dzumac	21.58 139	P	P	19 40 47.2	+0.7
DZM	Mont Dzumac	21.58 139	LR	LR	19 47 42.4	
DZM	Mont Dzumac	21.58 139	P	P	19 40 47.2	+0.7
MSAI	Masohi	22.45 276	P	P	19 40 54.8	-1.1
AAI	Ambon	23.13 275	P	P	19 41 00.2	-2.8
INKA	Innamika	23.71 204	P	P	19 41 11.3	+2.9
KNRA	Kunurra	24.04 245	P	I	19 41 10.6	-1.1
KNRA	Kunurra	24.04 245	I	I	19 41 36.9	
KNRA	Kunurra	24.04 245	P	P	19 41 12.6	+0.9
AS01	Alice Springs	24.12 222	P	P	19 41 12.9	+0.4
AS31	Alice Springs	24.15 222	P	P	19 41 13.5	+0.8
ASAR	Alice Springs	24.16 222	P	P	19 41 13.0	+0.3
ASAR	Alice Springs	24.16 222	P	P	19 41 12.7	-0.1
ASAR	Alice Springs	24.16 222	P	S	19 45 29.4	+0.4
ASAR	Alice Springs	24.16 222	LR	LR	19 50 51.0	
ARMA	Armidale	24.16 179	P	P	19 41 12.8	0.0
ARMA	Armidale	24.16 179	I	I	19 41 26.1	
ARMA	Armidale	24.16 179	P	P	19 41 14.2	+1.4
ARMA	Armidale	24.16 179	P	P	19 41 15.5	+2.7
CMSA	Cobar Meteorol	25.81 191	P	P	19 41 31.2	+3.5
CMSA	Cobar Meteorol	25.81 191	P	P	19 41 30.0	+2.4
CMSA	Cobar Meteorol	25.81 191	P	P	19 41 32.7	+2.0
SOEI	Soe	27.00 261	P	P	19 41 35.5	+1.8
SOEI	Soe	27.00 261	P	P	19 41 36.9	+0.9
SOEI	Soe	27.00 261	P	P	19 41 39.0	+0.3
LCRK	Leigh Creek	27.13 205	P	P	19 41 41.9	+2.3
STKA	Stevens Creek	27.17 198	P	P	19 41 38.2	+1.6
STKA	Stevens Creek	27.17 198	P	P	19 41 41.4	+1.6
STKA	Stevens Creek	27.17 198	P	P	19 41 42.3	+2.4
STKA	Stevens Creek	27.17 198	P	P	19 41 39.2	-0.7
STKA	Stevens Creek	27.17 198	LR	LR	19 53 38.6	
STKA	Stevens Creek	27.17 198	P	P	19 41 39.5	-0.4
BATI	Baumata	27.63 260	P	P	19 41 44.3	0.0
FITZ	Fitzroy Crossi	27.70 242	P	P	19 41 43.9	-1.0
FITZ	Fitzroy Crossi	27.70 242	P	P	19 41 45.0	+0.2
FITZ	Fitzroy Crossi	27.70 242	P	P	19 41 45.4	+0.6
FITZ	Fitzroy Crossi	27.70 242	P	P	19 41 44.1	-0.8
FITZ	Fitzroy Crossi	27.70 242	LR	LR	19 53 51.4	
FITZ	Fitzroy Crossi	27.70 242	P	P	19 41 41.9	+2.3
MSVF	Nonsavu	28.56 116	LR	LR	19 51 48.4	
BBSI	Bau Bau	28.56 116	P	P	19 41 51.5	-1.2

DAV	Davao City (W)	28.81 297	LR	LR	19 51 47.0	

Table with columns for flight codes (e.g., PMBI, KASI, SSE), destinations (e.g., Palembang, Kota Agung, Sheshan), times, and status indicators (P, S, Pmax, etc.).

Table with columns for flight codes (e.g., BNX, BJT, BJI, BJJ), destinations (e.g., Baijiantau Beijing, Kunming, Xian), times, and status indicators (P, S, Pmax, etc.).

Table with columns for flight codes (e.g., BTO, BTO, BTO), destinations (e.g., Lanzhou, Hailar, Shemys Is, Ala), times, and status indicators (P, S, Pmax, etc.).

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like NR1K, G27K, L29M, DZA, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like WTLV, CBB, TGNT, HUBO, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like OK051, WHTX, Z35A, etc.

Table of flight data with columns for flight ID, destination, time, status, and other details. Includes flights like TOLK, E24K, PNL, H25L, etc.

Table of flight data with columns for flight ID, destination, time, status, and other details. Includes flights like D27M, J30M, M31M, G29M, etc.

Table of flight data with columns for flight ID, destination, time, status, and other details. Includes flights like CLL, RONA, FNA, CONA, etc.

DC 15:19:43.36;0.6;0.00S;151.24E;h0km,mb4.4/18,mbmp4.4/19,Error ellipse: s-maj=22.8km s-min=14.7km az=98.0

NEIC 15:19:43.39;7.2;6.6;24S;0.07;151.08E;0.07;h10km,1km,mb4.9/41,Error ellipse: s-maj=16.3km s-min=6.6km az=134.0

ISC 15:19:43.98;0.0;4.6;19S;0.05;151.14E;0.06,h10km,n85,az=150/88,mb4.7/30,New Britain region

Table of flight data with columns for Code, Station Name, Azimuth, Elevation, Phase ID, and Time/Res. Includes stations like RABL, RABUL, RAGL, etc.

15d 20h

Table with columns: STKA, Stephens Creek, 27.07 198 P P, 19 49 21.7 0.0, etc.

NEIC 15 19:55:32.6:1.4, 23.7S:0.1:179.9W:0.1, h479km, mb3.9, mb4.6/6.1, Error ellipse: s-maj=20.4km s-min=16.1km az=114.0

IDC 15 19:55:33.2:2.5, 23.65S:179.81W, h495km, mb3.9, mb3.7/1.3, mbtmp4.5/1.4, Error ellipse: s-maj=18.4km s-min=14.7km az=63.0

ISC 15 19:55:34.9:0.5, 23.65S:179.87W:0.09, h518km, n104, s16/105, mb4.6/38.4, South of Fiji Islands

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

2018 OCT

Table with columns: NNZ, Nelson, 18.30 196 P P, 19 59 16.2 -0.7, etc.

IDC 15 20:02:36.4:0.9, 6:09S:151.33E, h0km, mb3.9/9, mbtmp3.9/10, ML 1.5/1, MS3.6/3, Error ellipse: s-maj=30.3km s-min=20.1km az=103.0

ISC 15 20:02:42.2:0.8, 6:35S:151.161E, h35km, n16, s135/115, mb4.0/10, New Britain region

IDC 15 20:26:32.6:1.4, 6:06S:151.16E, h0km, mb4.1/5, mbtmp4.1/6, ML 1.4/1, MS3.6/1, Error ellipse: s-maj=57.4km s-min=25.2km az=128.0

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

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Table with columns: FINES, FINESS Array B, 138.35 342 PKP, 20 14 00.1 -0.5, etc.

IDC 15 19:57:29.4:2.3, 17.19S:174.67W, h0km, mb3.9/3, mbtmp3.9/3, MS4.3/1, Error ellipse: s-maj=63.3km s-min=46.3km az=117.0, Tonga Islands

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

WEL 15 19:58:50.3:1.4, 39.5S:177.6E, h10km, mb0.4/7, ML0.6/6, MLV0.4/7, Error ellipse: s-maj=4.5km s-min=3.6km az=22.1, confirmed, North Island

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

IDC 15 20:02:36.4:0.9, 6:09S:151.33E, h0km, mb3.9/9, mbtmp3.9/10, ML 1.5/1, MS3.6/3, Error ellipse: s-maj=30.3km s-min=20.1km az=103.0

ISC 15 20:02:42.2:0.8, 6:35S:151.161E, h35km, n16, s135/115, mb4.0/10, New Britain region

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

IDC 15 20:26:32.6:1.4, 6:06S:151.16E, h0km, mb4.1/5, mbtmp4.1/6, ML 1.4/1, MS3.6/1, Error ellipse: s-maj=57.4km s-min=25.2km az=128.0

ISC 15 20:26:38.0:1.2, 6:15S:152.0E:0.3, h35km, n8, s96/68, mb4.1/5, New Britain region

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

SDD 15 20:47:47.6:2.6, 20:22N:73:10W, h148km, mb28km, MD3.8

ML3.8, MW3.7
SSNC 15 20:47:48.7 E 1.1, 20:07N 72:97W, h6km, 6km, MD3.5, ML3.3
ISC 15 20:47:47.6 E 1.2, 20:06N 0.05:73.01W 0.02, h20km, 5km, n28, r139/48, 14C, Haiti region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC, h m s ISC. Includes stations like Masc, PAPH, QMBU, JIDR, MOAC, LUDR, SDDR, GTBY, NEDR, GRTK, PODR, RCC, ABDR, PINC, MARVS, HLGC, BANI, DR08, YAR, CHIV, HATOM, LMGC, LTUP, MIDR, MTDJ.

Table with columns: MTDJ, Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC, h m s ISC, h m s ISC. Includes stations like Lyont Mountain, Ovando, Black Pine Rd, Missoula, Bozenan (W), Dillon, Eagleton, Heblgen Lake, Horse Butte, Holmes Hill, Mirror Lake Pl, Red Lodge, Indian Meadow, Pearl Lake, Beach Ranch, E Hailey, Namlea, Sanana, Ambon, Masohi, Fak Fak, Ampana, Marisa, Alice Springs, Warramunga Arr, South Pole Qui, Mina Array Bea, Kavik River, Kavik River, Camden Bay, Happy Valley, Jago River, Franklin Bluff, Toolik Lake Re, Your Creek, Christian River.

Table with columns: F25K, F25K, F26K, F26K, F26K, E23K, E23K, D23K, D23K, F24K, F24K, F24K, F24K, B2M, C23K, C23K, D27M, D27M, D27M, E27K, E27K, E22K, E22K, E22K, G26K, G25K, G25K, D22K, D22K, D22K, D22K, G24K, G24K, G24K, E28M, E28M, E28M, FYU, FYU, FYU, D28M, D28M, F22K, F22K, F28M, F28M, F28M, G23K, G23K, G27K, G27K, G27K, B22K, B22K, E21K, E21K, E21K, B21K, B21K, B21K, E29M, E29M, E29M, C21K, C21K, F21K, F21K, F21K, F21K, H24K, H24K, H24K, H27K, H27K, H23K, H23K, H23K, PRP, PRP, A22K, A22K, G29M, G29M, G29M, G29M, E20K, E20K, E20K, H22K, H22K, G21K, G21K, G21K.

15d 21h

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like D20K, I27K, I26K, etc.

2018 OCT

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like SCRCR, A19K, H19K, etc.

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Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like S34M, YKA, RES, etc.

DC 15 21:57:35.2, 1.2, 9.46S; 120.56E, h0km, mb3.8/3, mbmp3.9/6, ML4.0/3, Error ellipse: s-maj=102.2km s-min=21.6km az=58.0. DJA 15 21:57:41.4, 1.0, 10.52° x 12.1° E, h12km, 8km, M4.2/13, mb4.3/8, mB5.2/2, MLV4.1/13, Mw(m)/6.6/2, ISC 15 21:57:41.8, 0.7, 9.30S, 120.00E, 120.70E:0.05, h35km, n20, 2289.25, mb3.8/3, Sumba

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like WBSI, WRA, KASI, etc.

DC 15 21:59:08.1±0.7, 6.03S; 151.26E, h0km, mb4.1/13, mbmp4.1/14, ML 1.8/1, MS3.5/15, Error ellipse: s-maj=25.1km s-min=16.4km az=109.0. ISC 15 21:59:13.5, 0.7, 6.15S, 151.35E, 151.35E:0.1, h35km, n28, 1081/13, mb4.1/13, MS3.5/14, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like PMG, PMG, HNTA, etc.

Table with columns: STKA, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like Stephens Creek, Fitzroy Crossi, DAVO City (W), etc.

IDC 15 22:29:03.2.1.22'.84S;179.79W, h556km, mb3.1/7, mbmtpd4.0/8, Error ellipse: s-maj=24.4km s-min=18.8km az=129.0

ISC 15 22:29:03.3.0.7.231S;101.179.3W;0.2, h550km, n18, r+10.110, mb3.57, South of Fiji Islands

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

IDC 15 22:51:09.5.3.4.627S;150.20E, h0km, mb3.1/2, mbmtpd3.4/5, ML1.7/1, MS3.1/1, Error ellipse: s-maj=124.8km s-min=39.8km az=123.0, New Britain region

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

IDC 15 22:55:56.4.3.7.435S;151.21E, h0km, mb4.0/2, mbmtpd4.0/2, Error ellipse: s-maj=136.0km s-min=50.4km az=116.0, New Britain region

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

IDC 15 23:02:51.6.1.5.4246S;88.57E, h0km, mb3.8/5, mbmtpd3.4/5, MS3.7/1, Error ellipse: s-maj=52.0km s-min=24.8km az=119.0, Southeast Indian Ridge

Table with columns: H04S1, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like CROZET ISLANDS, FITZ, etc.

NEIC 15 23:34:19.4.1.5.38'.69N;107.141'.8E;0.1, h56km, 10km, mb4.5/13, Error ellipse: s-maj=14.4km s-min=8.0km az=116.0

NIED 15 23:34:20.2.38'.72N;141'.55E, h57km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mn:0.24; Mw:4.29; Mxx:0.05; Mxy:0.09; Myx:7.51; Myz:2.46; Fault plane solution: Mb:8.94000x10^14 NP1: 6.345.00000; s86.00000; t.164.00000; 0.7676.00000; s74.00000; t.0.4.00000; JMA 15 23:34:20.2.0.1.38'.72N;141'.55E;0.5, h57km, MD4.0/39, MV4.0/39, NORTHERN MIYAGI PREF. JMA Felt II J1 at NORTHERN MIYAGI PREF. IDC 15 23:34:21.6.2.5.38'.68N;141'.49E, h71km, 24km, 6.3/14, mbmtpd4.0/18, MS2.5/2, Error ellipse: s-maj=21.5km s-min=16.7km az=57.0

ISC 15 23:34:19.5.0.7.38'.67N;107.141'.64E;0.06, h55km, 5km, n74, r+12.615, Error ellipse: s-maj=1.20, 10D, Near east coast of eastern Honshu

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

Table with columns: comp=N, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC. Includes stations like Chichijima, Sonm, etc.

IDC 15 23:41:54.7.1.5.3'.42S;77.40W, h104km, 15km, mb3.9/12, mbmtpd4.1/9, MS3.0/4, Error ellipse: s-maj=18.2km s-min=10.6km az=83.0

NEIC 15 23:41:55.2.1.2.3'.41S;107.773W;0.1, h106km, 7km, mb4.7/23, Error ellipse: s-maj=15.8km s-min=9.4km az=61.0

IGO 15 23:41:55.2.0.5.4'.3'x7.7W, h63km, M4.9/42, VAO 15 23:41:55.8.0.4.3'.34S;77.09W, h85km, 3km, mb4.8, RNSC 15 23:41:55.3.0.6.3'.4'x7.7W, h107km, 27km, M4.9, mb4.9, mb5.5, ML4.1, Mw(mb)4.7

ISC 15 23:41:54.6.0.3.3.44S;104.772W;0.04, h106km, n578, r+103/577, mb4.6/140, SC-1D, Peru-Ecuador border region

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

15d 23h

Table with columns for location, elevation, and status. Includes entries like OTAV Otavalo, ATAH Atahualpa, and various mountain peaks.

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Table with columns for location, elevation, and status. Includes entries like SWET Sewanee, DRIO Del Rio, and various mountain peaks.

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Table with columns for location, elevation, and status. Includes entries like T25A Trinidad, T25A Trinidad, and various mountain peaks.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BNM, WAKR, CMB, HLD, BOZ, PAHR, DLMT, MFID, LYMT, ORV, WWOR, BPMT, OVMT, PLID, MSO, F10A, YBH, L04D, J05D, G08A, KMPM, KHHM, KSXB, G06A, NEW, K02D, G05A, C09A, YKA, TOAD, T35M, DLBO, S34M, WRGL, R33M, TGTN, Q32M, R32K, P33M, S31K, N32M, FARO, O30N, M31M, N30M, O29M, VNA3, VNA1, M29M, H31M, H31M, TORO, TORO, L29M, L29M, J30M, VNA2, K29M, I30M, I30M, Y03M, GRNC, G31M, G31M, F31M, F31M, J29N, BGCL, DAWY.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAWY, TGL, A36M, INK, EPYK, I29M, M27K, F30M, BCAR, L27K, H27K, H29M, SNA, SNA, SNA, GLB, G29M, G29M, I28M, I28M, I28M, K27K, K27K, N25K, E29M, E29M, KLU, H27K, F28M, SCR, J26L, J26L, I26K, I26K, PAX, G27K, RIDG, E28M, D28M, TROLL, SCM, K24K, J25K, M23K, E27K, EKA, KNK, D27M, D27M, G26K, WAT6, SEW, SML, PRP, HDA, IL31, ILAR, F26K, F26K, WAT1, BMAR, H25L, TAM, G25K, MCK, F25K, SUA, C27K, C27K, CUT, H24K, NEA2, G24K, G24K, TRF, I23K, SKT, SKT, SKT, C26K, N20K, SPCR.

15d 23h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KTH, F24K, Q19K, H23K, BPAW, MLY, PPLA, E24K, CAST, M20K, M20K, COLD, E23K, QSPA, QSPA, D24K, I21K, N19K, N19K, N19K, TOLK, TOLK, C24K, M19K, G22K, K20K, H21K, L19K, D23K, D23K, J20K, J20K, Q16K, N18K, N18K, F22K, E22K, C23K, C23K, M18K, IMAR, G21K, G21K, G21K, O17K, F21K, CHGN, TTA, D22K, J19K, H20K, N17K, L18K, P16K, M17K, O16K, E21K, CHNA, J18K, B22K, H19K, GCSA, C21K, L17K, B21K, B21K, K17K, M16K, E20K, O15K, A22K, L16K, E19K, D20K, H18K, J17K, G18K, ELIB, ZALV, KURB, MKAR, MKAR, SONM, KSRS, ASAR.

16d Oh

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like ASAR, WRA, WRA, CMAR, CMAR.

TAP 15 23:58:44.4, 24:28'N; 122:20'E, h28km, ML2.1, D, Taiwan region

Main table for Taiwan region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like TWB1, EGS, TWPB, SXI1, TWC, ESAS, EOS2, EWS2, ENA, ENTT, NWLT, LATG, E054, NNSB, NNSB, NACB, WUSB, WUSB.

JMA 15 23:59:35.9, 0.2, 24:3N; 09:124.2E; 1.0, h20km, 1km, MV0.6/6, NEAR ISHIGAKIJIMA Island, Southwestern Ryukyu Islands

Table for JMA region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like JIU, JKRS, JISG, H4U, HATJ, IRIF.

IDC 16 00:03:41.6, 1.7, 2:28S; 140:38E, h0km, mb3.5/3, mbtmp3.5/4, ML3.5/1, Error ellipse: s-maj=91.5km

Table for IDC region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like WRA, ASAR, BVAR, ILAR.

IGQ 16 00:12:03.9, 1.3, 2:N30; 8'6W, h5km, M4.7/13, Off coast of Ecuador

Table for IGQ region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like PTGL, PVL, AMA1, RVRD, PACO, PINCI, GQPT, TERV, JU2, CUSE, CUIC, COTA, URUCUI, BNAS, PITA, YAHU, ECEN, CHL1, CHL2, ANGU, CAYMA.

IDC 16 00:12:07.0, 0.6, 41:62N; 134:69E, h0km, mb4.0/19, mbtmp4.0/24, ML3.2/5, MS3.0/6, Error ellipse: s-maj=15.6km s-min=13.7km az=73.0

NIED 16 00:12:08.1, 41:58N; 134:96E, h42km, MW4.0, Moment Tensor Solution, s3 105P, Moment tensor: Scale 10^15Nm, Mo=0.82, Mb=0.84, Mw=0.03, Me=0.69, Ms=0.25, Mv=0.27, Fault plane solution: M1:14000x10^15 NP1:~70.000000, ~85.000000, ~86.000000, NP2:~261.000000, ~825.000000, ~1.99.000000

NEIC 16 00:12:09.5, 1.5, 41:63N; 0:06; 134:71E; 0.0, h10km, 1km, mb4.5/82 Error ellipse: s-maj=11.4km s-min=9.9km az=219.0

ISC 16 00:12:12.0, 0.5, 41:61N; 0:05; 134:70E; 0:06, h35km, n133, ~f121/137, mb4.5/61, 1D, Sea of Japan

Table for ISC region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like USA0B, USRUK, USRUK, USRUK, USRUK.

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Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like USRKA, JSD, MDJ, JTM, MJAR, MJAR.

JMM 15 23:58:44.4, 24:28'N; 122:20'E, h28km, ML2.1, D, Taiwan region

Main table for Taiwan region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like KSR5, KSR5, KS19, KSAR, JMN, KLR, KLR, JNU, JNU, MA2, SONM, SONM, ZALV, MK31, MKAR, MKAR, MKAR, MAZK, MAZK, KURK, KURK, KURB, KURB, C19K, C19K, BVAR, BVAR, K17K, D19K, D19K, AAK, F19K, E19K, E19K, O16K, O16K, M17K, M17K, FAKI, H19K, H19K, J18K, N17K, N17K, ARSB, B22K, B22K, J20K, J20K, IMAR, G21K, G21K, H21K, E22K, KKAR, KKAR, KKAR, C23K, C23K, D23K, CA2K, CA2K, Q19K, MLY, E23K, D24K, H23K, BTK, E24K, NEA2, F24K, F24K, POKR, IL31, IL31, ILAR, ILAR, IL03, HD, DHY, C27K, BMAR, PRP, SCM, F26K, F26K, CHGR, J25K, SIMJ, GILG, SCRK, I26K, J26L, G27K, N25K, N25K, K27K, K27K, EGAK, EGAK.

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Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like ABKAR, KBL, L27K, L27K, BCAR, E29M, E29M, I28M, I28M, M27K, M27K, G29M, G29M, CTGM, EPYK, EPYK, L29M, L29M, K29M, K29M, I30M, I30M, INK, INK, INK, INK, I30M, I30M, M29M, M29M, G31M, G31M, H31M, H31M, A36M, C36M, C36M, WRA, WRA, FINES, FINES, ASAR, ASAR, AKASG, AKASG, HFS, HFS, NB2, NB2, NOA, NOA, PINE, PINE, CLL, CLL, DLMT, DLMT, BOZ, BOZ, ZVC, CKRC, KHC, KVN, GERES, GERES, NVAR, NVAR, IMW, IMW, IMW, FXWY, MOOW, IMCOV, EKA, PDAR, PDAR, BMRD, BMRD, P18A, TXAR, TXAR, SNA, SNA, LPAZ, LPAZ, SIV, SIV, LVC, LVC.

NEIC 16 00:23:09.8, 2.0, 5:3S; 0:1; 150:7E; 0.1, h240km, 12km, mb4.2/14, Error ellipse: s-maj=20.3km s-min=18.1km az=99.0

IDC 16 00:23:12.5, 2.8, 5:44S; 150:46E, h263km, 18km, mb3.4/4, mbtmp4.0/5, Error ellipse: s-maj=56.0km s-min=24.8km az=136.0

ISC 16 00:23:10.9, 1.2, 5:45S; 0:1; 150:6E; 0.1, h250km, n25, ~f103/27, mb4.1/11, New Britain region

Table for ISC region with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes stations like PMG, PMG, PMG, CTAO, EIDS, EIDS, MTN, WBO, WBO, WRB, WRB, WRA, WRA, KNRA, KNRA, AS31, ASAR, ASAR.

Table with columns: STKA, comp-Z, 1.5nm, 0.7s, Stephens Creek, 27.66 197 P, P, 00 28 35.6 -0.4

IDC 16 00:28:07.8, 0.3, 21.75S; 169.82E, h0km, mb5.2/27, mbtmp5.2/30, ML4.4/2, MS6.3/18, Error ellipse: s-maj=13.8km s-min=12.7km az=156.0

NEIC 16 00:28:12.7, 21.93S; 169.48E, h16km Moment Tensor Solution. Duration: 7.6 Moment tensor: Scale 10^18Nm; Mn:0.59; M1:1.53; M2:2.12; M3:1.36; M4:0.35; M5:1.63

NEIC 16 00:28:12.7, 21.73S; 169.59E, h16km Moment Tensor Solution. Duration: 7.6 Moment tensor: Scale 10^18Nm; Mn:0.59; M1:1.53; M2:2.12; M3:1.36; M4:0.35; M5:1.63

NEIC 16 00:28:12.7, 21.92S; 169.49E, h0.06, h12km, 1km mb6.2/458, Ms 20.6/6/1083, Mw6.3/65, Mw6.3/3, Error ellipse: s-maj=12.1km s-min=9.7km az=166.0

GCMT 16 00:28:21.1, 0.1, 21.77S; 169.63E, h22km, Mw6.3/177, Moment Tensor Solution. s177,c421; s175,c631; Duration: 3.5 Moment tensor: Scale 10^18Nm; Mn:0.50; M1:1.64; M2:2.04; M3:1.26; M4:0.33; M5:1.50

ISC 16 00:28:11.7, 0.3, 21.85S; 169.69E, h0.2, h14km, 1km, h15km; pp-P, n2496, e233/2157, mb6.1/366, MS6.6/582, 151C-79D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MARNC, Mare, Loyalty, 1.59 283 P, P, 00 28 36.6 +2.8

Table with columns: URZ, Urewera, 17.56 160 P, P, 00 32 17.9 +0.9

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ISC 16 00:28:11.7, 0.3, 21.85S; 169.69E, h0.2, h14km, 1km, h15km; pp-P, n2496, e233/2157, mb6.1/366, MS6.6/582, 151C-79D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, URZ, Urewera, 17.56 160 P, P, 00 32 17.9 +0.9

Table with columns: CTZ, Chatham Island, 24.61 156 P, P, 00 33 37.2 +5.7

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ARMAR Armidale, 18.31 238 P, P, 00 32 26.7 +1.2

ISC 16 00:28:11.7, 0.3, 21.85S; 169.69E, h0.2, h14km, 1km, h15km; pp-P, n2496, e233/2157, mb6.1/366, MS6.6/582, 151C-79D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CTZ, Chatham Island, 24.61 156 P, P, 00 33 37.2 +5.7

16d Oh

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MTN, WRKA, FORT, PAE, PPT, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MBWA, MEEK, TINTI, NWAO, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BYL, HMH, HATHI, POHA, etc.

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16d 0h

Table with columns: Station, Name, Time, Az, El, Az-1, El-1, Az+1, El+1, Status, and other parameters. Includes stations like Palembang, Yeheng, Taipei, Nakatsue, Sado, etc.

Table with columns: Station, Name, Time, Az, El, Az-1, El-1, Az+1, El+1, Status, and other parameters. Includes stations like Ipm, Ipoeh, Nanjing, Yuzh-Sakhalins, etc.

Table with columns: Station, Name, Time, Az, El, Az-1, El-1, Az+1, El+1, Status, and other parameters. Includes stations like GSTR, UGL, UGL, UGL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRNR, LYN, UNV, HNS, HNC, HNL, BJT, BELA, PAF, FALS, CMAR, KMI, TIY, P08K, CHTO, XAN, CNBA, CHNA, S12K, HEH, SDPT.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SDPT, SMAI, PZH, XLT, CD2, CHGN, PBA, HHC, MA2, CHIR, DGPR, BTO, TNCH, HIA, ELIB, ZEA, R16K, R16K, SII, R17L, PLK4, M11K, M11K, O14K, O14K, O14K.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMSA, O15K, R18K, OHAK, OHAK, N14K, Q17K, LZH, LZH, LZH, M13K, M13K, P16K, ACHA, Q16K, O16K, O16K, O16K, KDAK, KDAK, KDAK, KDAK, Q18K, N15K, N15K, P17K, M14K, M14K, SEY, SEY, M15K, O17K, L14K, L14K, L14K, P18K, P18K, P18K, TROLL, TROLL, TROLL, Q19K, Q19K, K13K, K13K, Q20K, SYI, SYI, O18K, O18K, NVL, NVL, NVL, M16K, M16K, N17K, N17K, L15K, GAMB, SNA, SNA, SNA, SNA, SNA.

16d Oh

Table with columns: ID, Name, Date, Time, Location, Status, Value. Includes entries like I04A Tendick Farm, CAST Castle Rocks, H18K Honchoa River, etc.

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Table with columns: SIT, Name, Date, Time, Location, Status, Value. Includes entries like NLWA Neilton Lookou, NLWA NLWA, NLWA NLWA, etc.

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Table with columns: PALK, Name, Date, Time, Location, Status, Value. Includes entries like PALK Pallekele, PALK Pallekele, PALK Pallekele, etc.

Table with columns: RIDG, Independent Ri, 92.38 19, IAMS_20, IAMS_20, 01 23 02.7, 00 41 17.9 -3.5, etc.

Table with columns: M29M, Somme Creek, 93.48 21, IAMS_20, IAMS_20, 01 19 16.0, 00 41 22.2 -4.4, etc.

Table with columns: J29N, Klondike Camp, 94.93 20, P, P, 00 41 29.3 -3.9, etc.

16d Oh

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like Jago River, Van Horn, Red Mountain, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like FARRUKHABAD, Red Feather La, M23A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like KURBB, EROS Data Cent, Tabor, etc.

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Table with columns for call sign, name, frequency, mode, and various status indicators. Includes call signs like PTU, GDU01, ARBE, SVRC, MEF, etc. and names like Pertek, Guandu, Arbavere, etc.

Table with columns for team names (e.g., SIGR, CHVC, HERR), scores, and other statistics. Includes sub-sections like 'comp-Z, 11jum, 18.0s' and 'comp-Z, 8jum, 18.9s'.

Table with columns for team names (e.g., FRGS, AOS, EKA), scores, and other statistics. Includes sub-sections like 'comp-Z, 130nm, 0.7s, baz=357, slow=2.8, SNR=202' and 'comp-Z, 8jum, 19.0s'.

Table with columns for team names (e.g., TIR, PVO, CEME), scores, and other statistics. Includes sub-sections like 'comp-Z, 9jum, 21.0s' and 'comp-Z, 12jum, 19.0s'.

15d 0h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Saint Aubin, Valguarnera, Kesra, etc.

SDD 16 00:29:35.0-1.8, 18:22N-67.44W, h171km, 11km, MD2.8, ML2.7, MW2.9

RSRP 16 00:29:36.8, 18:14N-67.46W, h148km, MD3.2/15

NEIC 16 00:29:36.1-0.6, 18:15N-10:67:52W, 0.07, h150km, 4km, ML2.5/28, MD3.3/15(RSPR), Error ellipse: s-maj=15.0km s-min=8.5km az=201.0

ISC 16 00:29:35.3-1.7, 18:22N:01:67:50W:0.04, h156km, 9km, n70, c=077784, 17C-12D, Mona Passag

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Isla Desecho, Las Mesas, Cabo Rojo, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Punta Cana, Cerrillos, Esperanza, etc.

ISC 16 00:30:17.3-2.8, 21:19S:170:09E, h0km, mb4.74, mbmp4.74, Error ellipse: s-maj=117.0km s-min=59.6km az=167.0

ISC 16 00:30:18.3-2.3, 21:23S:0:6:170:1E:0.4, h10km, n9, c=19109, mb4.74, Southeast of Loyalty Islands

ISC 16 00:31:01.6-2.8, 21:83S:169:86E, h0km, mb4.97, mbmp4.8/7, Error ellipse: s-maj=100.2km s-min=48.4km az=0

ISC 16 00:31:03.7-2.1, 21:7S:0:5:169:9E:0.3, h10km, n11, c=040/11, mb4.8/7, Southeast of Loyalty Islands

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

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

IDC 16 00:34:48.8-1.6, 2:40N, 96:83E, h0km, mb4.2/10, mbmp4.2/11, ML4.8/1, Error ellipse: s-maj=61.0km s-min=19.4km az=54.0

DJA 16 00:34:55.3-0.4, 2:3N:3:9:7E:1, h31km, 11km, M4.3/12, mb4.7/2, mB5.8/2, MLV4.1/12, Mw(MB)5.4/2

NEIC 16 00:34:56.2-1.7, 2:47N:0:06:96:97E:0.09, h38km, 9km, mb4.6/22, Error ellipse: s-maj=13.5km s-min=7.9km az=74.0

ISC 16 00:34:54.8-0.6, 2:43N:0:04:96:89E:0.05, h33km, n54, c=1902/48, mb4.4/19, Northern Sumatara

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

IDC 16 00:35:00.1-3.1, 2:21S:169:81E, h0km, mb4.3/4, mbmp4.3/5, Error ellipse: s-maj=42.2km s-min=31.1km az=139.0

ISC 16 00:35:01.7-1.2, 2:21S:0:2:169:8E:0.2, h10km, n8, c=1935/8, mb4.2/4, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like GERES, SOKA, LESA, MYKA, ABTA, WATA, WTТА, MOTА, SQTA, FETA, DАVOX.

IDC 16 00:45:59.9, 1.2, 21.75Sx169.67E, h0km, mb3.7/3, mbmp3.8/4, ML4.1/1, Error ellipse: s-maj=45.7km s-min=28.8km az=169.0

ISC 16 00:46:02.8, 0.9, 21.6Sx169.7E:0.1, h21km, n24, o156°25, mb3.7/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, ASAR, WRA, QSPA, ARCЕS, BRG, CLL, CLL, EKA, ZVC, RONA, CONRAD, CKRC, KHC, GERES, MOA, SOKA, WATA, WTТА, MOTА, SQTA, FETA, DАVА, TORД.

IDC 16 00:46:40.3, 1.3, 21.94Sx169.61E, h0km, mb4.2/5, mbmp4.2/5, Error ellipse: s-maj=38.8km s-min=34.8km az=135.0

ISC 16 00:46:44.1, 1.0, 21.9Sx169.6E:0.1, h25km, n13, o84°13, mb4.2/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, STKA, ASAR, WRA, QSPA, MAW, VRAC, BRG, EKA, ZVC, CKRC, KHC, GERES.

IDC 16 00:48:53.4, 6.7, 21.39Sx169.94E, h0km, mb3.6/2, mbmp3.6/3, ML3.7/1, Error ellipse: s-maj=318.9km s-min=38.9km az=154.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, WRA, ASAR, EKA, GERES.

IDC 16 00:49:24.2, 3.9, 22.25Sx169.86E, h0km, mb3.6/3, mbmp3.6/4, ML3.4/1, Error ellipse: s-maj=176.1km s-min=33.9km az=159.0

ISC 16 00:49:28.5, 2.0, 22.2Sx169.8E:0.2, h25km, n6, o37°17, mb3.4/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, ASAR, WRA, ILAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like EKA, GERES, IDC, DZM, ASAR, ARCЕS, EKA, GERES.

IDC 16 00:53:39.0, 4.7, 5.83Sx147.09E, h0km, mb2.8/1, mbmp3.1/2, ML3.1/1, Error ellipse: s-maj=171.0km s-min=51.7km az=110.0, Eastern New Guinea region

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

IDC 16 00:54:06.8, 3.9, 21.61Sx169.72E, h0km, mb3.8/3, mbmp3.8/4, ML4.1/1, Error ellipse: s-maj=146.3km s-min=31.3km az=150.0

ISC 16 00:54:12.7, 2.5, 21.2Sx169.5E:0.3, h30km, n11, o57°12, mb3.7/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, WRA, ASAR, PETK, BRG, CLL, EKA, ZVC, CKRC, KHC, GERES.

IDC 16 00:57:15.1, 1.2, 21.79Sx169.81E, h0km, mb3.8/4, mbmp3.8/5, ML3.6/1, Error ellipse: s-maj=45.3km s-min=29.9km az=162.0

ISC 16 00:57:19.2, 0.9, 21.8Sx169.7E:0.1, h25km, n12, o63°13, mb4.1/6, 4C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, ASAR, WRA, QSPA, TROLL, SNAА, VNA3, NVAR, CLL, EKA, GERES.

IDC 16 00:58:55.9, 0.8, 21.83Sx169.84E, h0km, mb4.4/12, mbmp4.4/13, ML3.9/1, Error ellipse: s-maj=25.6km s-min=19.7km az=150.0

NOU 16 00:59:01.1, 21.87Sx169.51E, h0km, MLV4.1/9, Southeast of Loyalty Islands

NEIC 16 00:59:01.8, 1.2, 22.1Sx169.52E:0.1, h10km, 2km, mb4.5/10, Error ellipse: s-maj=25.2km s-min=7.3km az=153.0

ISC 16 00:59:04.0, 6.2, 21.84Sx169.80E:0.08, h25km, n68, o129°68, mb4.5/19, 5C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like MARC, PINN, LIFC, YATN, OUEN, DZM, DZM, DZM, ONTC, ONTC, NOUC, KOUNC, BKZ, ARMA, MRZ, CTАO, CTАO, STKA, WRD, WRD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like ASAR, WB0, WB2, WRA, MTN, FORT, FITZ, MJAR, QSPA, PETK, CMAR, TROLL, SNAА, SNAА, VNA3, VNA2, VNA1, SONM, NVAR, ILAR, U3SK, ARCЕS, AKAG, VYHS, JAVC, VRAC, BRG, BRG, CLL, KRUC, MODS, EKA, ZVC, RONA, CONRAD, CKRC, KHC, GERES, SOKA, KBA, LESA, ABTA, WATA, WTТА, MOTА, RETA, SQTA, FETA, DАVА.

IDC 16 00:59:42.5, 1.5, 21.87Sx169.99E, h0km, mb4.4/7, mbmp4.4/8, ML4.2/1, Error ellipse: s-maj=47.2km s-min=31.2km az=156.0

ISC 16 00:59:46.7, 0.9, 21.9Sx169.9E:0.2, h25km, n25, o150°26, mb4.4/10, 5C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, STKA, ASAR, WRA, FITZ, CMAR, TROLL, SNAА, SNAА, VNA3, VNA2, VNA1, SONM, VYHS, VRAC, BRG, CLL, CLL, KRUC, MODS, EKA, ZVC, KHC, GERES.

IDC 16 00:59:46.7, 0.9, 21.9Sx169.9E:0.2, h25km, n25, o150°26, mb4.4/10, 5C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, I SC. Includes stations like DZM, STKA, ASAR, WRA, FITZ, CMAR, TROLL, SNAА, SNAА, VNA3, VNA2, VNA1, SONM, VYHS, VRAC, BRG, CLL, CLL, KRUC, MODS, EKA, ZVC, KHC, GERES.

IDC 16:01:00:08.1-0.8,21.83S;169.81E,h0km,mb4.4/12, mbmp4.4/13,ML3.7/1,Error ellipse: s-maj=29.0km

s-min=20.9km az=143.0

ISC 16:01:00:12.2-0.7,21.9S;02x2:169.71E,0.10,h25km,m26, 0x99/27,mb4.4/15,SE, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Continuation of station list.

Main table with columns: RAO, Raoul Island, 13.53 126 Pn, 01 07 00.0 -3.1. Lists seismic events with details like magnitude, depth, and location.

Table with columns: PMG, comp=Z,523nm,0.9s, pmax, pmax. Lists seismic events with magnitude, depth, and location.

BJJ 16:01:03:39.7,21.65S;169.60E,h10km,mb5.9/92,mb6.7/63, Ms6.7/94,Ms7.6/91

IDC 16:01:03:40.2,0.3,21.58S;169.59E,h0km,mb5.7/25, mbmp5.7/27,ML5.0/2,MS6.6/51,Error ellipse:

s-maj=9.2km s-min=7.7km az=75.0

MOS 16:01:03:40.7,0.8,21.66S;169.53E,h12km,mb6.3/55, MS6.7/28,Error ellipse: s-maj=8.3km s-min=6.9km

az=116.4

NOU 16:01:03:42.3,21.64S;169.52E,h0km,ML6.8/195, Southeast of Loyalty Islands

NEIC 16:01:03:43.5,21.75S;169.52E,h18km,Moment Tensor Solution: Duration: 87 Moment tensor: Scale 1019Nm;

Mn=0.87; Mw=0.02; Ms=0.84; Ms2.81; Mw1.66; Mw1.54;

NP1: Fault plane solution: M6.41000x1018 NP1: 0x154.10000; 883.56000; 1.96.19000; NP2:

0x290.03000; 88.92000; 1.46.28000; Principal axes: T 5.8368, P1g51.0000; Azm71.0000; N 1.1473, P1g6.0000;

Azm333.0000; P -6.9841, P1g38.0000; Azm239.0000;

NEIC 16:01:03:43.5,21.75S;169.52E,h18km

NEIC 16:01:03:43.3,21.76S;169.43E,h10km

NEIC 16:01:03:43.6,1.6,21.74S;0.07x169.52E,0.07,h17km,1km, mb6.2/56,mb6.5/28,mb6.5/45,Error ellipse:

s-maj=12.3km s-min=9.6km az=330.0,Moment Tensor Solution: Moment tensor: Scale 1018Nm; Mw1.94;

Mw=0.00; Mw=1.92; Ms=0.70; Mw0.70; Mw=4.51; Fault plane solution: M6.59000x1018 NP1: 0x137.55000;

881.77000; 1.82.02000; NP2: 0x1.96000; 81.145000;

1.133.83000; Principal axes: T 6.6855, P1g53.0000;

Azm38.0000; N -0.1883, P1g8.0000; Azm139.0000; P -6.4973, P1g36.0000; Azm235.0000;

GGMT 16:01:03:49.6,0.1,21.74S;169.52E,h15km,MW6.7/177, Moment Tensor Solution: s177,c422; s168,c550;

Duration: 4s4 Moment tensor: Scale 1019Nm;

Mn=0.13; Mw=0.00; Ms=0.12; Mw=0.12; Mw=0.88; Ms2.02;

Mw=0.16; Mw=0.80; Ms2.02; Best double couple:

Mw1.19000x1019 NP1: 0x132.0000; 886.00000;

1.86.00000; NP2: 0x353.00000; 86.00000; 1.131.00000;

Principal axes: T 1.1530, P1g49.0000; Azm38.0000; N 0.0910, P1g4.0000;

Azm132.0000; P -1.2430, P1g41.0000;

Azm225.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface/mantle waves,

cutoff=50s. Triangular moment-rate function

ISC 16:01:03:42.3,0.3,21.70S;0.03x169.62E,0.03,h13km,1km, h14km;pp-P,n1939,c1156/1865,mb6.2/379,MS6.5/131, 162C-63D, Southeast of Loyalty Islands

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

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

16d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PPT2, PPT2, PPT2, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LUWI, LUWU, LUWU, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like JNU, Nakatsue, JNU, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include: KNK Knik Glacier, G16K Koyuk River, K20K Telida, F1D Port Fidalgo, H17K Granite Mounta, BILL Billito, BILL comp-Z,393nm,1.7s, KAIM Kayak Island, PPLA Purkeypile, EYAK Cordova Ski Ar, PNTR Pine Nut, J19K Poorman, CUT Chulitna, CUT Chulitna, SML Sawmill, YERR Yerington, DIB Dawson Inlet, GSC Goldstone, HO2S1 DAWSON INLET T, G17K Kivalik Mounta, HG4B Hotspring, K04D Chiloquin, DSP Deep Springs, COR Corvallis, COR Corvallis, M23K Glacier View, GCSA Galena City Sc, CAST Castle Rocks, H18K Honhosa River, PAHR Pah Rah Range, I04A Tendick Farm, SCM Sheep Creek Mo, J20K Sheep Creek Mo, SCJM Nowinta River, BERG Berg Lake, GRAC Grapevine Rang, LP1G La Paz, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR comp-Z,53nm,20.6s,baz=266,slow=30, KLU Klutina, BMRM Bremner River, NV11 Mina Array Sit, GLA Glamis, GWY Greenwater Val, SLBS Sierra La Lagu, CHUM Lake Minchumin, H03A Holberg, F03B Seaside, WAX Waxell Ridge, WAT1 Gusitna Watana, TRF Thorofare Moun, WAT6 Susitna Watana, J05D Fort Rock, OR I20K Naaghedeneel, I20K Naaghedeneel, MESA MESA, F17K Baldwin Pennin, F17K Baldwin Pennin, CRQM Cirque, G18K Tagagawik, G18K Tagagawik, WCT Wildcat Mounta, CRQE Cirque, M24K Tolsona, M24K Tolsona, H04A Detroit Lake, H19K Roundabout Mou, H19K Roundabout Mou, N25K Chitina, N25K Chitina, ISLE Juniper Island, YAH Yahitse, BLYC Blythe, VRDI Verde Repeater, BPAW Bear Paw Mtn., RND Reindeer, GLB Glatina Butte, CRAIG Craig, PNTR Topopah Spring, OZB Mount Ozzard, WISH Wishkah.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include: SIT Sitka, I05D Terrebonne, OR, DHY Highway, F18K Selawik, NLWA Neilon Lookou, H20K Anotleneega Mo, E17K Hotham Inlet, MCARA McCarthy VSAT, MCARA McCarthy VSAT, GOMU GeErMu, GOMU comp-Z,25nm,1.0s, GOMU comp-Z,11um,19.8s, GOMU comp-Z,12um,20.2s, MCK McKintley, PINM Pinnacle, LSA Lhasa, LSA Lhasa, PNL Peninsula, PNL Peninsula, G19K Purcell Mounta, G19K Purcell Mounta, HARP HARP, S31K Pelican, BCPM Bancroft, HOOD Mount Hood Mea, U33K Whale Pass, U33K Whale Pass, BBB Bella Bella, BBB Bella Bella, BBB comp-Z,36nm,0.8s, CTG Chitna Glacier, CTGM Chitna Glacier, LOGN Logan Glacier, GRNB Greenville Isla, D17K Noatak River, V12A Nelson, G05A Wanik, I21K Tanana, PAX Paxson, V35K Ketchikan, V35K Ketchikan, SHPR Sheep Range, S32K Killisnoo, S32K Killisnoo, E18K Tukpahleark C, E18K Tukpahleark C, C16K Lisburne Hills, B04A Port Angeles, CBB Campbell River, F19K Shalerucik Mo, F19K Shalerucik Mo, HSG comp-Z,83nm,1.0s, O28M Mount Upton, CLRS Cowichan Lake, PALK Pallekele, PALK Pallekele, PALK Pallekele, PALK Pallekele, MLY Manley, H21K Melozitna Rive, R31K City Hall, Gus, BOD Bodaibo, BOD Bodaibo, P29M Windy Craggy, NEA2 Nenana, RDOG Red Dog Mine, RDOG Red Dog Mine, WVOR Wild Horse Val, T33K Petersburg, BMN Battle Mountai, M26K Nabesna, AK, M26K Nabesna, AK, W13A Huaiapai Mount, O29M Mount Kennedy, O29M Mount Kennedy, PGC Sidney, MENT Mentasta, MENT Mentasta, R11B Troy Canyon, C, K24K Donnelly Dome, R32K Eaglecrest, C17K DeLong Mountai, I23K Minto, Yukon-K.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include: YUK8 Steele Glacier, PLBC Pleasant Camp, JIS Jenua Island, M27K Edge Creek, M27K Edge Creek, M27K Edge Creek, AK, HDA Harding Lake, L26K Log Cabin Wild, F20K Avaraart Lake, F20K Avaraart Lake, H22K Ishatitina Cre, MALK Mahakanadarawa, GTK Mahakanadarawa, GTK Mahakanadarawa, GTK comp-Z,180nm,0.9s, G21K Allakaket, G21K Allakaket, YUK3 Moose Creek, E19K Redstone River, RIDG Independent Ri, RIDG Independent Ri, COLA College, COLA College, P30M Million Dollar, J08A Circle Bar Ran, YUK6 Outpost Mounta, ILAR Elison Array, ILAR comp-Z,0.8nm,0.7s,baz=228,slow=4.1,SNR=1.9, ILAR comp-Z,63um,19.8s,baz=227,slow=3, SKZsak, ZAK Zakamensk, ZAK comp-Z,129nm,1.4s, SKAG Skagway, SKAG Skagway, SKAG Skagway, YUK4 Talbot Arm, C18K Utukok River, C18K Utukok River, U35K Hyder, POKR Poker Plat Res, H23K Yukon River, HYT Haines Junctio, HYT Haines Junctio, F07A Beaver Creek, F07A Beaver Creek, L27K Beaver Creek, SCRK Sand Creek, SCRK Sand Creek, COYC Coyhauque, J25K Salcha River, F21K Alatna River, F21K Alatna River, G08A Pilot Rock, D19K Kuna River, D19K Kuna River, E07A Sunnyside, G22K Bettles, H24K Noodor Dome, TUC Tucson, TUC Tucson, TUC comp-Z,58nm,1.2s, O30N Mendenthal, T35M Bob Quinn, T35M Bob Quinn, HAWA Hanford, B18K Kokolik River, BOK Bokaro, BOK comp-Z,169nm,1.3s, E20K Nigu River, LCMT Little Creek M, N30M Aishkik Lake, G23K Bananza Creek, G23K Bananza Creek, SPR3 Spring Creek, J26L Joseph Creek, J26L Joseph Creek, P32M Atlin, P32M Atlin, C19K Lookout Ridge, C19K Lookout Ridge, CCUT Cedar, S34M Telegraph Cree, S34M Telegraph Cree, S34M Telegraph Cree, K27K Chicken, K27K Chicken, ELK comp-Z,37um,20.3s,baz=234,slow=31, F22K John River, M29M Somme Creek, M29M Somme Creek, PRP Porcupine Dome.

16d 1h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Nakina River, Whitehorse, and Dawson.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Sheenjek River, Teshekpuk Lake, and Doyon Strip.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Trinidad, FARRUKHABAD, and Red Feather Lake.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BVAR, BVAR, BRVK, BRVW, BRVX, BRVY, BRVZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SHMA, NUUG, SAKB, L61B, DAG, SOWA, CLDB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIV, KISLOVODSK, SHA1, VALR, WOLMERA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes entries like GERES GRESS Array B, GRES GRESS Array B, GRES GRESS Array B, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes entries like SKDS Skadanscina, SKDS Skadanscina, RCHB Rochefort, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes entries like PINN Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, etc.

16d 1h

Table of flight data for 16d 1h, including columns for flight ID, origin, time, status, and other flight details.

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Main table of flight data for October 2018, with columns for flight ID, origin, time, status, and other flight details.

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Table of flight data for section 978, including columns for flight ID, origin, time, status, and other flight details.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like CHIANG MAI, CHIANG MAI, CHIANG MAI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like AKTY, AKTY, AKTY, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like MOX, MOX, MOX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SENIN Lac Senin/Sane, JSA Saint Aubin, CLF Chambon-Forêt, etc.

IDC 16 01:17:50.5:0.9,21:57S:169:66E,h0km,mb4.4/12, mbtmp4.4/14,ML3.4/2, Error ellipse: s-maj=29.3km s-min=22.6km

NEIC 16 01:17:52.8:1.3,21:76S:0:05:169:5E:0.1,h10km,1km, mb5.1/26, Error ellipse: s-maj=16.5km s-min=7.7km az=77.0

ISC 16 01:17:54.5:0.4,21:80S:0:08:169:50E:0.7,h25km,n86, a1518/87,mb4.9/29,4C-1D,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PINNC Pines Island, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONTNC Ouen Toro, KOUNC Koumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTZ Ruatuhua, TCW Tory Channel, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, WBO Warrungama Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NWAOW Narrogin (SRO), NWAOW Narrogin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, GSPA South Pole Qui, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P08K Saint George I, O14K Tigyukhino Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N15K Kwethluk River, TROLL TROLL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M16K Timber Creek, SNAAS Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer-Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, SOMM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Arr Bea, F19K Shalerucik Mo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I23K Minto, YUKON-K, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like C18K Utukok River, G08A Pilot Rock, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like J26L Joseph Creek, K27K Chicken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, WHY Whitehorse, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LL02 Katakoo, B21K Itakipuk River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E24K Your Creek, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Bea, NOA NORARS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLL Collm, EKA Eskdalemuir Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES GERESS Array B, ARSA Arzberg, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOTA Moosalm, SQTA Sankt Quirin, etc.

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

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

IDC 16 01:18:49.5:0.6,21:65S:169:64E,h0km,mb4.6/16, mbtmp4.6/18,ML4.2/2, Error ellipse: s-maj=22.0km s-min=16.9km az=96.0

NEIC 16 01:18:52.4:2.1,21:65S:0:1:169:66E:0:06,h10km,1km, mb5.1/66, Error ellipse: s-maj=19.0km s-min=6.9km az=201.0

ISC 16 01:18:53.3:0.4,21:70S:0:07:169:60E:0:07,h21km,n136, a109/134,mb5.1/50,9C-1D,Southeast of Loyalty Islands

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, RWZ Mangatoinoka R, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCW Tory Channel, PLWZ Palisser, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, LBZ Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COEN Coen, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAU Tasmania Univ, PATS Pohnppei, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, FORT Forrest, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NWAOW Narrogin (SRO), NWAOW Narrogin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SBA Scott Base, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNU Nakatsue, GSPA South Pole Qui, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BELA Belgrano 2, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHTO Chiang Mai, PLK2 Peulik 4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMSA Palmer Station, N15K Kwethluk River, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like O02D Diabolo Mer, L19K White Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUMO Hull Mountain, SOMM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAKR Walker, DSP Deep Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAHR Pah Rah Range, I04A Tendick Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRAC Grapevine Ridge, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like J05D Fort Rock, RADR Rader Ridge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KVN Kaiserville, WCT Wildcat Mounts, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TPNV Topopah Spring, LOGN Logan Glacier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like F19K Shalerucik Mo, IMAR Indian Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I26K Coal Creek Min, E22K Anaktuvuk Pass, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E22K Anaktuvuk Pass, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E22K Anaktuvuk Pass, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E22K Anaktuvuk Pass, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E22K Anaktuvuk Pass, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E22K Anaktuvuk Pass, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E22K Anaktuvuk Pass, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L29M L29M, EGAK Eagle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, I26K Coal Creek Min, etc.

IDC 16 01:20:52.8:0.7,21:97S:169:82E,h0km,mb4.5/15, mbtmp4.5/16,ML4.3/1, Error ellipse: s-maj=24.0km s-min=19.3km az=122.0

NEIC 16 01:20:55.8:0.9,22:2S:0:1:169:75E:0:08,h10km,1km, mb5.1/29, Error ellipse: s-maj=21.4km s-min=13.2km az=2.0

ISC 16 01:20:57.1:0.5,22:06S:0:09:169:74E:0:09,h25km,n94, a192/94,mb4.9/29,5C-5D,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, KOUNC Koumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SWZ0 South Karoo, CTAO Charters Tower, etc.

Table with columns: STKA, Name, Az, El, P, M, Time, Res. Includes stations like Stephens Creek, Buckleboe, Alice Springs, etc.

Table with columns: WTTA, Name, Az, El, P, M, Time, Res. Includes stations like Wattenberg, Moosalm, SQTA, etc.

IDC 16 01:22:37.1-0.9,21:59:5;169:72E,h0km,mb4.5/11, mbmp4.5/13,ML3.8/2, Error ellipse: s-maj=30.6km

NEIC 16 01:40.8z-2.0,1:21:55.0:1x169:7E:0.1,h10km,1km, mb5.0/18, Error ellipse: s-maj=22.2km s-min=17.9km az=147.0

ISC 16 01:22:41.0z,5.21:55S:0.10x169:57E:0.07,h21km,n86, a1504/85,mb4.8/22,4C,Southeast of Loyalty Islands

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Pines Island, Mont Dzumak, Ouen Toro, etc.

Table with columns: WTTA, Name, Az, El, P, M, Time, Res. Includes stations like Schwarzleotol, Terra Mystica, Sabo, etc.

IDC 16 01:25:58.2, 1.0,22:12S:169:96E,h0km,mb4.3/8, mbmp4.3/9,ML3.9/1, Error ellipse: s-maj=33.8km

ISC 16 01:26:02.4,0.8,22:1S:0.2x169:8E:0.1,h25km,n12, a0811/13,mb4.3/8,Southeast of Loyalty Islands

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Stephens Creek, South Pole Qui, Korea Array, etc.

IDC 16 01:26:24.9,1.9,6:25S:129:65E,h0km,mb3.9/2, mbmp4.1/5,ML4.5/3, Error ellipse: s-maj=95.5km

NEIC 16 01:26:36z-2.0,6:48S:0.08x129:04E:0.03,h51km,10km, mb4.7/7, Error ellipse: s-maj=11.4km s-min=4.2km az=175.0

ISC 16 01:26:31.3-0.6,6:67S:129:38E:0.09,h10km,n27, a2520/20,mb4.7/6,Banda Sea

16d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LIFUNC, YATNC, OUCNE, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like NJ2, YSS, MSHR, etc.

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

IDC 16 01:31:21.2:0.5,21'61S:169'80E,h0km,mb4.7/18, mblmp4,7/20,ML4.1/2,Error ellipse:s-maj=18.6km, s-min=16.4km az=90.0
MOS 16 01:31:22.5:1.2:21'62S:169'53E,h10km,mb5.4/26,Error ellipse:s-maj=13.7km s-min=11.3km az=38.0
BUJ 16 01:31:23.1:21.07S:170.38E,h14km,mb5.1/46
NEIC 16 01:31:24.1:21.7:21'8S:0.1:169.61E:0.0/8,h10km,1km, mb5.3/72,Error ellipse:s-maj=19.2km s-min=11.8km az=162.0

ISC 16 01:31:25.8:0.3,2179S:0.06:169.69E:0.06,h25km,n488,
c1510/474,m5.2/95,17C-30D,Southeast of Loyalty
Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: PETK, MDJ, MDJ, MDJ, TAI, CN2, BNX, GRNR, LYN, LYN, KLR, HNS, CMAR, CMAR, KMI, CHTO, CHTO, HEH, PZH, XLT, CHGN, HHC, MA2, BTO, TNCH, ZEA, ELIB, R17L, M11K, O1A6, Q17K, LZH, Q16K, O16K, KDAD, Q18K, N15K, P17K, M14K, SEY, M15K, O17K, L14K, N16K, K13K, TROLL, O18K, M16K, N17K, L15K, SNA4, SNA4, SNA4, K15K, KCPM, VNA3, M18K, VNA2, VNA1, O02D, M19K, L19K, ISA, ISA, L20K, RC01. Includes stations like Petropavlovsk, Mudanjiang, Taian, Changchun, BinXian, Gornyy, LuoYang, Kuldur, HongShan, Chiang Mai Arr, Kunming, HeiHe, PanZhiHua, XILinHaoTe, Chignik, Hu-ho-hao-te, Magadan, Baotou, TengChong, Zeya, Princess Elisa, Sitkinak, Mt. Peulic Vol, Mekoryuk, Karluk, Old Harbor, Contact Creek, Lanzhou, King Salmon, Kokwok River, Kodiak Island, Katmai Hardscr, Kwiatkoff River, Kvichak River, Bethel, Seymchan, Kasin River, Koliganek Bris, Kukka Creek, Nishlik Lake, Kusilyak Mount, Troll, Antarti, Koktuh Hills, Nushagak Hills, Ungalak Mounta, Sanae, Sanae, Sanae, Wolf Creek Mou, Cahto Peak, Stony River, Neumayer-Watz, Neumayer-Stat, Mt. Dido Mer, Camp Six Border, White Mountain, Tatalina, Isabella, Lake, Isabella, Lake, Farewell, AK, Rabbit Creek A.

Table with columns: PWL, HUMO, ULN, ULN, GTA, M22K, TPFO, OMMB, WAKR, YAK, SONM, SONM, SONM, PNT, BILL, DSP, PAHR, CAST, RYN, GRAC, NVAR, NVAR, NV11, GWY, BMRM, J05F, KVN, KVN, WCT, WCT, BLYC, N25K, H19K, SIT, F18K, H20K, E17K, MCAR, MCK, HARP, CTG, PAX, S32K, CBB, E18K, F19K, O28M, H21K, P29M, WWOR, WWOR, M26K, PRN, R11B, I07A, I23K, PLBC, YUK8, M27K, M27K, HDA, HDA, L26K, F20K, H22K, YUK3, G21K, G21K, E19K, E19K, P30M, IL31, IL31, ILAR. Includes stations like Port Wells, Hull Mountain, Ulaanbaatar, Gaotai, Willow, Pinon Flats, Old Mammoth Mt, Walker, Yakutsk, Songino Array, Songino Array, Songino Array, Pine Nut, Blibino, Deep Springs, Pah Rah Range, Castle Rocks, Ryan, Grapevine Rang, Mina Array Bea, Mina Array Bea, Mina Array Sit, Greenwater Val, Bremner River, Fort Rock, OR, Thorofare Moun, Kaiserville, Kaiserville, Wildcat Mountain, Blythe, Chitina, Valde, Roundabout Mou, Sitka, Selawik, Anotleneega Mo, Hotham Inlet, McCarthy VSAT, McKinley, HARP, Chitna Glacier, Paxson, Killisnoo, Campbell River, Tukpaerik C, Shaleruukic Mo, Mount Upton, Melozitna Rive, Windy Craggy, Wild Horse Val, Wild Horse Val, Nabesna, AK, Pahroc Canyon, Troy Range, Izeze, Minto, Yukon-K, Pleasant Camp, Steele Glacier, Edge Creek, AK, Edge Creek, AK, Harding Lake, Harding Lake, Log Cabin Wild, Avaraart Lake, Ichtalutna Cre, Moose Creek, Allakaket, Allakaket, Redstone River, Redstone River, Million Dollar, Million Dollar, Farwell, AK, Eielson Array, Eielson Array.

16d 1h

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Table with columns: ZAK, Zakamensk, 92.60 324, eP, P, 01 44 34.0 -1.2, etc. Lists various locations and their associated data points.

Table with columns: TXAR, Lajitas Array, 97.60 62, P, 01 44 56.4 -2.2, etc. Lists various locations and their associated data points.

Table with columns: MODS, Niedersach, 145.55 338, ePP, PP, 01 54 23.4 +1.6, etc. Lists various locations and their associated data points.

Table with columns: ATH 16:01:31:55.4, 37°96'N, 20°86'E, h19km, 4km, ML1, 7.1, Error ellipse: s-maj=4.7km, s-min=0.9km, az=229.0, Ionian Sea. Includes station names like Lithakia, Pessada-Kefalo, Valsamata, etc.

16d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like QRZ, AF1, NIUE, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KDU, MTN, WRKA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KULM, RPSI, PSI, etc.

Table with multiple columns containing station call signs, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. Each row contains various alphanumeric codes and numbers, likely representing frequency, power, and other technical specifications. The text is dense and spans the entire page.

Table with columns: DBIC, Dimbokro, 164.04, 200, PKPab, PKPab, 01 59 20.5 +0.3, etc.

Table with columns: TORD, Torodi Ar. Bea, 165.61, 235, PKP, PKPdf, 01 58 27.8 -0.8, etc.

Table with columns: TORD, Torodi Ar. Bea, 165.61, 235, PKP, PKPdf, 01 59 26.8 -0.5, etc.

Table with columns: NEIC, 16 01:39:50.0, 0.7, 37.63N, 0.05:72.39E, 0.10, h205km, 5km, etc.

Table with columns: NNC, 16 01:39:51.0, 6.2, 37.96N, 72.30E, h0km, mb4.1, mpv3.6, etc.

Table with columns: IDC, 16 01:40:06.5, 12.0, 38.11N, 72.70E, h376km, 1.2km, etc.

Table with columns: IDC, 16 01:39:49.6, 0.8, 37.66N, 0.07:72.38E, 0.07, h200km, n38, etc.

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

Table with columns: DRK, Karamyk, 1.87, 346, P, Pn, 01 40 28.2 +1.0, etc.

Table with columns: CHGR, Chuyangaron, 2.73, 292, Pn, Pn, 01 40 37.0 +0.8, etc.

Table with columns: BOOM, Boomskeye usch, 5.54, 28, Pn, Pn, 01 41 11.7 +0.6, etc.

Table with columns: KK31, Karatay Array, 5.62, 346, P, Pn, 01 41 10.3 -1.6, etc.

Table with columns: KKAR, Karatay Array, 5.62, 346, Pn, Pn, 01 41 12.5 +0.6, etc.

Table with columns: TKM2, Tokmak 2, 5.80, 24, P, Pn, 01 41 15.6 +1.2, etc.

Table with columns: MKAR, Makanchi Array, 11.70, 36, P, P, 01 42 37.3 +1.5, etc.

Table with columns: KURBS, Kurchatov Arra, 13.68, 17, P, P, 01 42 59.4 +1.7, etc.

Table with columns: BVAR, Borovoye Array, 15.43, 355, P, P, 01 43 19.4 +2.4, etc.

Table with columns: ZAAO, Zalesovo Array, 18.41, 24, P, P, 01 43 50.5 +1.0, etc.

Table with columns: ZALV, Zalesovo Beam, 18.41, 24, P, P, 01 43 51.0 +1.5, etc.

Table with columns: SHL, Shillong, 20.48, 120, P, P, 01 44 17.5 -0.1, etc.

Table with columns: SHL, Shillong, 20.48, 120, Pmax, Pmax, etc.

Table with columns: PBA, Port Blair, 31.30, 107, P, P, 01 45 54.2 -0.2, etc.

Table with columns: LVZ, Lovozers, 36.80, 337, P, P, 01 46 36.1 -1.8, etc.

Table with columns: GRFO, Grafenberg Arr, 44.66, 306, P, P, 01 47 50.5 -0.6, etc.

Table with columns: TORD, Torodi Ar. Bea, 66.85, 269, P, P, 01 50 21.0 +0.7, etc.

Table with columns: IDC, 16 01:41:42.5, 2.3, 21.133S, 169.145E, h0km, mb4.2/6, etc.

Table with columns: IDC, 16 01:41:46.8, 2.0, 21.25S, 0.5:169.5E, 0.3, h30km, n12, etc.

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

Table with columns: DZM, Mont Dzumac, 2.95, 252, P, Pn, 01 42 31.6 -0.1, etc.

Table with columns: STKA, Stephens Creek, 32.78, 266, P, P, 01 48 18.0 -0.4, etc.

Table with columns: WRA, Warrunganga Arr, 32.78, 266, P, P, 01 48 18.0 -0.4, etc.

Table with columns: ASAR, Alice Springs, 32.92, 259, P, P, 01 48 18.7 -0.1, etc.

Table with columns: STKA, Stephens Creek, 26.90, 242, P, P, 01 54 06.7 +1.4, etc.

Table with columns: WRO, Warrunganga Arr, 32.77, 267, P, P, 01 54 56.9 -0.5, etc.

Table with columns: AS31, Alice Springs, 32.94, 260, P, P, 01 54 59.3 +0.4, etc.

Table with columns: WB0, Warrunganga Arr, 32.94, 267, P, P, 01 54 58.5 -0.4, etc.

Table with columns: WB2, Warrunganga Arr, 32.95, 267, P, P, 01 54 58.3 -0.7, etc.

Table with columns: WRA, Warrunganga Arr, 32.95, 267, P, P, 01 54 58.5 -0.6, etc.

Table with columns: WRA, Warrunganga Arr, 32.95, 267, P, P, 01 57 42.7 -0.4, etc.

Table with columns: MFTN, Mantion Dam, 37.69, 277, P, P, 01 55 39.7 -0.1, etc.

Table with columns: KNRA, Kununurra, 39.06, 272, P, P, 01 55 50.5 -0.8, etc.

Table with columns: CASY, Casey, 58.01, 204, P, P, 01 58 19.0 +2.5, etc.

Table with columns: JSD, South Pole Qui, 66.33, 333, P, P, 01 59 12.9 +0.3, etc.

Table with columns: QSPA, South Pole Qui, 68.35, 180, P, P, 01 59 23.6 -1.6, etc.

Table with columns: KQRS, Korea Array, 70.73, 326, P, P, 01 59 40.1 0.0, etc.

Table with columns: USRK, Ussuriysk Arr, 74.08, 333, P, P, 01 59 59.8 -0.1, etc.

Table with columns: PEAOB, Petropavlovsk, 75.22, 353, P, P, 02 00 06.1 -0.3, etc.

Table with columns: MAW, Maxwell, 76.28, 202, P, P, 02 00 12.6 +0.2, etc.

Table with columns: PHRA, Phrae, 78.76, 295, P, P, 02 00 27.2 +0.1, etc.

Table with columns: CMAR, Chiang Mai Arr, 79.83, 295, P, P, 02 00 32.9 0.0, etc.

Table with columns: CHTO, Chiang Mai, 79.99, 295, P, P, 02 00 34.4 +0.6, etc.

Table with columns: TROLL, Troll, Antarti, 86.10, 184, P, P, 02 01 02.7 -2.0, etc.

Table with columns: SNA, Sanae, 86.72, 182, P, P, 02 01 06.0 -1.6, etc.

Table with columns: SNA, Sanae, 86.72, 182, P, P, 02 01 05.7 -1.9, etc.

Table with columns: KCPM, Cahto Peak, 87.22, 45, P, P, 02 01 10.2 -0.4, etc.

Table with columns: VNA3, Neumayer Olymp, 87.29, 180, P, P, 02 01 08.2 -2.2, etc.

Table with columns: VNA2, Neumayer-Watz, 87.59, 181, P, P, 02 01 10.1 -1.7, etc.

Table with columns: OQD2, Mt. Diabolo Mer, 87.89, 45, P, P, 02 01 13.2 -1.0, etc.

Table with columns: K02D, Willamette Mer, 88.72, 43, P, P, 02 01 17.6 0.0, etc.

Table with columns: HULL, Hull Mountain, 89.13, 43, P, P, 02 01 19.9 +0.5, etc.

Table with columns: KNK, Knik Glacier, 89.42, 19, P, P, 02 01 21.5 +1.2, etc.

Table with columns: NVAR, Mina Array Bea, 90.18, 48, P, P, 02 01 23.3 -1.4, etc.

Table with columns: DHY, Denali Highway, 91.03, 18, P, P, 02 01 26.7 -1.3, etc.

Table with columns: FINES, FINES Array B, 132.99, 337, P, P, 02 07 27.6 -0.7, etc.

Table with columns: VRC, Vostok, 144.54, 330, P, P, 02 07 59.1 +0.1, etc.

Table with columns: TORD, Torodi Ar. Bea, 165.66, 236, PKP, PKPdf, 02 08 28.5 -1.0, etc.

Table with columns: IDC, 16 01:51:22.8, 0.9, 21.71S, 169.74E, h0km, mb4.1/12, etc.

Table with columns: NEIC, 16 01:51:24.9, 1.3, 21.75S, 0.07:169.64E, 0.10, h10km, 1km, etc.

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

Table with columns: PINNC, Pines Island, 2.25, 247, P, P, 01 52 01.0 -1.2, etc.

Table with columns: DZM, Mont Dzumac, 3.02, 262, Pn, Pn, 01 52 11.9 -0.7, etc.

Table with columns: DZM, Mont Dzumac, 3.02, 262, Pn, Pn, 01 52 12.5 -0.1, etc.

Table with columns: ONTNC, Ouen Toro, 3.04, 258, Pn, Pn, 01 52 11.7 -1.2, etc.

Table with columns: KOUNC, Koumac, New Ca, 5.15, 282, Pn, Pn, 01 52 41.5 +0.3, etc.

Table with columns: PLWZ, Palisser, 20.36, 168, P, Pn, 01 56 01.7 -1.5, etc.

Table with columns: ASAR, Alice Springs, 33.01, 260, P, P, 01 57 59.4 -0.5, etc.

Table with columns: WRO, Warrunganga Arr, 33.01, 267, P, P, 01 58 00.1 +0.2, etc.

Table with columns: WRA, Warrunganga Arr, 33.01, 267, P, P, 01 58 00.6 +0.6, etc.

Table with columns: FITZ, Fitzroy Crossi, 41.45, 267, P, P, 01 59 11.0 -0.5, etc.

Table with columns: NWA0, Narrogin (SRO), 47.99, 245, P, P, 01 59 59.8 +0.1, etc.

Table with columns: MJAR, Matushiro Arr, 65.11, 332, P, P, 02 02 05.0 -0.1, etc.

Table with columns: QSPA, South Pole Qui, 68.37, 180, P, P, 02 02 26.1 +0.4, etc.

Table with columns: USRK, Ussuriysk Arr, 74.03, 333, P, P, 02 03 01.9 +1.5, etc.

Table with columns: PETK, Petropavlovsk, 75.21, 353, P, P, 02 03 07.1 +0.4, etc.

Table with columns: BJT, Baijatiuau, 79.08, 321, P, P, 02 03 28.3 -0.4, etc.

Table with columns: BELA, Belgrano 2, 79.63, 175, P, P, 02 03 31.3 +0.1, etc.

Table with columns: TROLL, Troll, Antarti, 86.12, 184, P, P, 02 04 13.7 +8.5, etc.

Table with columns: SNA, Sanae, 86.73, 182, P, P, 02 04 07.6 -0.5, etc.

Table with columns: VNA3, Neumayer Olymp, 87.31, 180, P, P, 02 04 18.9 +8.0, etc.

Table with columns: VNA2, Neumayer-Watz, 87.61, 181, P, P, 02 04 10.5 -0.4, etc.

Table with columns: VNA1, Neumayer-Stat, 87.89, 181, P, P, 02 04 19.4 +7.2, etc.

Table with columns: VNA1, Neumayer-Stat, 87.89, 181, P, P, 02 04 12.6 -1.0, etc.

Table with columns: NVAR, Mina Array Bea, 90.12, 48, P, P, 02 04 25.0 +0.1, etc.

Table with columns: ILAR, Iceberg, 92.45, 17, P, P, 02 04 33.9 -0.9, etc.

Table with columns: ARCES, ARCES Array B, 127.53, 345, PKP, PKIKP, 02 10 28.8 -0.5, etc.

Table with columns: CLL, Collin, 145.30, 334, PKPbc, PKPbc, 02 11 03.4 -0.4, etc.

Table with columns: EKA, Eskdalemuir Arr, 145.99, 353, PKPbc, PKPbc, 02 11 03.3 -0.4, etc.

Table with columns: MOA, Mollin, 147.27, 329, P, P, 02 11 06.2 -0.9, etc.

Table with columns: SOKA, Soboth, 147.69, 327, P, P, 02 11 08.7 -1.3, etc.

16d 2h

Table with columns: EKA, Eskdalmuir Ar, 145.98 353, PKPbc, PKPab, 02 15 03.2 +0.9, etc.

IDC 16 01:57:36.3:0.6,21.88Sx169.78E,h0km,mb4.5/17, m-btm3.5/18,ML4.1/1, Error ellipse: s-maj=18.5km

BUI 16 01:57:37.9,21.53S,170.50E,h17km,mb4.8/18, m-btm3.5/14,ML3.0/2.0,21.95S:0.05:169.68E:0.07,h10km,1km, mb4.8/48, Error ellipse: s-maj=11.7km s-min=7.9km az=60.0

NOU 16 01:57:54.6,21.38S,168.21E,h0km,MLV4.6/7,Loyalty Islands

ISC 16 01:57:41.0,0.4,22.201S:0.06:169.68E:0.06,h25km,n137, a1522/141,mb4.8/44,5C-11D,Southeast of Loyalty Islands

Main table for 16d 2h section, listing station names, coordinates, and various parameters.

2018 OCT

Table with columns: ELIB, Princess Elisa, 83.50 190, P, 02 10 05.8 -0.7, etc.

IDC 16 02:01:28.9:1.6,22.95S:169.35E,h0km,mb3.6/5, m-btm3.6/6,ML3.8/1, Error ellipse: s-maj=49.7km

ISC 16 02:01:31.0:1.3,22.82S:0.3:169.30E:0.1,h10km,n11, a1920/12,mb3.8/8,1C-4D,Southeast of Loyalty Islands

Main table for 2018 OCT section, listing station names, coordinates, and various parameters.

IDC 16 02:01:28.9:1.6,22.95S:169.35E,h0km,mb3.6/5, m-btm3.6/6,ML3.8/1, Error ellipse: s-maj=49.7km

ISC 16 02:01:31.0:1.3,22.82S:0.3:169.30E:0.1,h10km,n11, a1920/12,mb3.8/8,1C-4D,Southeast of Loyalty Islands

Continuation of the 2018 OCT table, listing station names and parameters.

990

Table with columns: VNA3, Neumayer Olymp, 86.23 180, P, 02 14 12.0 -0.4, etc.

IDC 16 02:05:25.2:1.7,20.74S:169.13E,h0km,mb3.6/3, m-btm3.5/4,ML3.0/1, Error ellipse: s-maj=49.9km

ISC 16 02:05:29.9:1.2,20.77S:0.2:169.11E:0.2,h31km,n12, a0570/10,mb4.1/5,6C,Vanuatu Islands

Main table for 990 section, listing station names, coordinates, and various parameters.

IDC 16 02:09:06.9:1.0,21.65S:169.75E,h0km,mb4.0/7, m-btm3.9/8,ML3.3/1, Error ellipse: s-maj=31.9km

NEIC 16 02:09:07.5:1.7,21.65S:0.1:169.78E:0.03,h10km,1km, mb4.4/12, Error ellipse: s-maj=19.7km s-min=5.0km az=355.0

ISC 16 02:09:09.6:0.7,21.65S:0.1x169.65E:0.09,h21km,n40, a0959/36,mb4.2/14,5C-5D,Southeast of Loyalty Islands

Main table for 990 section, listing station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BKZ Black Stump Fm, WFPZ Mangatoinoka R, CTAO Charters Tower, etc.

IDC 16:02:10:09.8, 0.3, 44.16N, 82.57E, h0km, mb5.0/34, mbmp5.0/41, ML4.9/7, Error ellipse: s-maj=9.3km s-min=6.7km az=57.0

SOME 16:02:10:11.9, 44.18N, 82.25E, h0km, MS4.9 BGR 16:02:10:11.1, 43.01N, 82.79E, h33km, mb5.4, Ms5.9 MOS 16:02:10:11.2, 0.9, 44.19N, 82.56E, h18km, mb5.5/82, Error ellipse: s-maj=4.2km s-min=3.8km az=9.1

BUI 16:02:10:12.0, 44.19N, 82.53E, h10km, mb5.2/55, ML5.5/12, Ms5.4/25, Ms7.3/21 NEIC 16:02:10:13.9, 44.29N, 82.15E, h26km, Moment Tensor Solution, Duration: 2s0 Moment tensor: Scale 10^10Nm; Mw: 2.8, Ms: 5.58, Mw: 1.70, Mw: 2.10, Mw: 0.37, Mw: 1.31; Fault plane solution: Ms: 6.9000x10^16 NP1: 7.6, 83000; S: 5.4, 92000; N: 1.82, 55000; NP2: 2.69, 65000; S: 3.5, 78000; A: 1.00, 46000; Principal axes: T: 7.7766, Plg79.0000; Azm319.0000; N: -1.7819, Plg6.0000; Azm81.0000; P: -5.9947, Plg10.0000; Azm172.0000;

NEIC 16:02:10:13.9, 44.19N, 82.57E, h26km NEIC 16:02:10:13.9, 1.1, 44.20N, 0.05, 82.58E, 0.07, h25km, 3km, mb5.5/438, Mww5.2/6, Error ellipse: s-maj=8.7km s-min=6.7km az=139.0 NNC 16:02:10:13.6, 0.9, 44.31N, 82.22E, h0km, mb5.7, mpv5.5, Error ellipse: s-maj=9.4km s-min=8.7km az=128.0 ISC 16:02:10:12.0, 0.4, 44.22N, 0.02, 82.53E, 0.02, h13km, 2km, h13km; pp-P, n1439, r120/1412, mb5.4/420, MS5.3/13, 107C-45D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DJR Jarkent, DJR 8jmu.0.4s, PDGK Podgornyye, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, MAKZ Makanchi, MAZK Makanchi, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BOOM Boomsboye usch, BOOM Boomsboye usch, TKM2 Tokmak 2, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JOFS Joensuu, KSAF Krasnodar, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KEF Keuruu, NACB Ninganchiao, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KULM Kulim, INU Inuyama, and many others.

Table with columns: Name, Time, Status, and other details. Includes entries like RUDO Rudo, OSLO Oslo, HAPS Han Pijesak, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like GRF Grafenberg Arr, GRF Grafenberg Arr, GRF Grafenberg Arr, etc.

Table with columns: Name, Time, Status, and other details. Includes entries like EDI Edinburgh, HPK Haverah Park, INVG Invergelde, etc.

C21K	Knifblade Rid baz=315,SNR=12	59.34	20	P	P	02 20 14.4 +1.2
F17K	Baldwin Pennin	59.43	25	P	PcP	02 20 13.4 -0.3 02 21 05.2 +3.9
F17K	Baldwin Pennin baz=312,SNR=5.0	59.43	25	P	P	02 20 14.7 +0.9
G15K	Niukuk baz=310	59.50	27	P	P	02 20 15.5 +1.2
E20K	Nigu River baz=315	59.62	22	P	P	02 20 16.2 +1.1
JAGI	Jajag, Banyuwa	59.74	143	P	P	02 20 17.1 +0.6
G16K	Koyuk River baz=311	59.78	26	P	P	02 20 17.7 +1.5
BKSI	Bulukumba comp=Z,48nm,1.3s	59.78	135	P	P	02 20 16.6 -0.3
F18K	Selawik baz=313,SNR=11	59.80	24	P	P	02 20 17.0 +0.7
UPNV	Upervanik	59.82	347	i	P	02 20 16.0 -0.4
C23K	Ikililik River	59.85	19	P	P	02 20 16.4 -0.2
C23K	Ikililik River baz=318,SNR=12	59.85	19	P	P	02 20 17.2 +0.6
E19K	Redstone River E19K	59.89	23	P	IaMb	02 20 16.3 -0.7 02 20 18.8
E19K	Redstone River comp=Z,53nm,1.2s baz=314,SNR=13	59.89	23	P	P	02 20 17.7 +0.7
E21K	Kililk River	60.06	21	P	P	02 20 16.6 -1.6
E21K	Kililk River baz=316	60.06	21	P	P	02 20 19.1 +0.9
D22K	Ayikyak River	60.06	20	P	IaMb	02 20 18.4 +0.2 02 20 20.3
D22K	Ayikyak River comp=Z,59nm,1.1s baz=317,SNR=16	60.06	20	P	P	02 20 19.1 +0.9
F19K	Shalercukik Mo	60.18	23	P	P	02 20 18.8 -0.2
F19K	Shalercukik Mo baz=314	60.18	23	P	P	02 20 19.3 +0.4
SANI	Sanana	60.21	128	P	P	02 20 19.6 -0.2
SANI	Sanana	60.21	128	P	P	02 20 19.5 -0.2
G17K	Kiwalik Mouta baz=312	60.24	25	P	P	02 20 19.9 +0.6
H16K	Elim	60.32	27	P	P	02 20 21.1 +1.1
C24K	Franklin Bluff	60.37	18	P	P	02 20 20.2 0.0
C24K	Franklin Bluff baz=320	60.37	18	P	P	02 20 21.2 +1.0
D23K	Nanushuk River D23K	60.49	19	P	IaMb	02 20 20.9 -0.2 02 20 22.4
D23K	Nanushuk River comp=Z,49nm,1.3s baz=319	60.49	19	P	P	02 20 21.4 +0.3
KMBO	Kilima Mbogo	60.51	235	P	P	02 20 21.0 -1.1
KMBO	Kilima Mbogo SNR=8.3	60.51	235	i	P	02 20 21.9 -0.3
KMBO	Kilima Mbogo comp=Z,4.9nm,0.8s, baz=42,slow=11,SNR=9.8	60.51	235	P	P	02 20 21.6 -0.5
KMBO	Kilima Mbogo	60.51	235	P	P	02 20 21.8 -0.4
G18K	Tagagawik	60.57	24	P	P	02 20 20.8 -0.9
G18K	Tagagawik baz=314	60.57	24	P	P	02 20 22.0 +0.3
F20K	Avaraart Lake	60.60	23	P	P	02 20 21.2 -0.6
F20K	Avaraart Lake baz=315	60.60	23	P	P	02 20 22.2 +0.4
D24K	Happy Valley	60.78	19	P	IaMb	02 20 22.9 -0.1 02 20 24.9
D24K	Happy Valley comp=Z,73nm,1.9s	60.78	19	P	P	02 20 23.4 +0.4
E22K	Anaktuvuk Pass E22K	60.83	20	P	IaMb	02 20 22.9 -0.6 02 20 25.1
E22K	Anaktuvuk Pass comp=Z,26nm,0.8s	60.83	20	P	P	02 20 23.8 +0.3
H17K	Granite Mouta H17K	60.85	26	P	IaMb	02 20 23.9 +0.3 02 20 26.1
H17K	Granite Mouta comp=Z,69nm,1.2s	60.85	26	P	P	02 20 24.4 +0.8
G19K	Purceil Mouta baz=315	60.86	24	P	P	02 20 23.8 +0.2
EMUR	La Murta	60.90	296	P	P	02 20 24.6 +0.2
TOLK	Toolik Lake Re TOLK	61.00	19	P	IaMb	02 20 24.4 +0.2 02 20 25.6
TOLK	Toolik Lake Re comp=Z,55nm,1.3s baz=320,SNR=20	61.00	19	P	P	02 20 25.2 +0.6
K18K	Kibwezi	61.02	233	P	P	02 20 24.3 -1.2
K18K	Kibwezi	61.02	233	P	P	02 20 25.5 0.0
C26K	Camden Bay baz=323	61.04	17	P	P	02 20 25.7 +1.0
F21K	Alatina River F21K	61.08	22	P	IaMb	02 20 24.8 -0.4 02 20 27.9
F21K	Alatina River comp=Z,56nm,1.1s baz=317,SNR=24	61.08	22	P	P	02 20 25.9 +0.7
J14K	Narvaranak Lak	61.13	29	P	P	02 20 26.4 +0.9
H18K	Honhosa River baz=314	61.18	25	P	P	02 20 26.7 +0.9
BBSI	Bau Bau	61.19	133	P	P	02 20 35.4 +8.9
D25K	Kavik River D25K	61.20	18	P	IaMb	02 20 25.9 -0.1 02 20 28.0
D25K	Kavik River comp=Z,42nm,1.3s	61.20	18	P	P	02 20 26.6 +0.7
F22K	John River baz=318	61.21	21	P	P	02 20 27.2 +1.2
K13K	Kusilvak Mout baz=311	61.29	30	P	P	02 20 26.7 +0.2
H17K	Unalalacet baz=313	61.33	27	P	P	02 20 27.6 +0.8
RES	Resolute Bay	61.37	359	P	P	02 20 26.9 -0.1
RES	Resolute Bay	61.37	359	P	P	02 20 26.9 -0.1
E23K	Chandalar E23K	61.43	20	P	IaMb	02 20 27.3 -0.3 02 20 29.3
E23K	Chandalar comp=Z,72nm,1.3s baz=320,SNR=26	61.43	20	P	P	02 20 28.3 +0.7
H19K	Roundabout Mou	61.48	24	P	IaMb	02 20 28.3 +0.5 02 20 29.4
H19K	Roundabout Mou comp=Z,27nm,0.9s baz=316,SNR=7.0	61.48	24	P	P	02 20 28.9 +1.1
C27K	Jago River	61.52	17	P	IaMb	02 20 28.1 0.0 02 20 30.5
C27K	Jago River comp=Z,72nm,1.4s baz=324,SNR=15	61.52	17	P	P	02 20 28.7 +0.6
ESBB	Sonsec Array	61.58	299	P	IaMb	02 20 28.2 -0.8 02 20 29.9
ESBB	Sonsec Array	61.58	299	P	P	02 20 28.4 -0.6
ESDC	Sonsec Array	61.58	299	P	P	02 20 29.4 +0.4
G21K	Allakaket G21K	61.59	22	P	IaMb	02 20 28.0 -0.6 02 20 29.9
G21K	Allakaket comp=Z,30nm,1.2s baz=317,SNR=9.6	61.59	22	P	P	02 20 28.6 0.0
E24K	Your Creek	61.69	19	P	IaMb	02 20 29.5 +0.2 02 20 30.4
E24K	Your Creek comp=Z,21nm,0.6s baz=321	61.69	19	P	P	02 20 29.8 +0.5
M11K	Mekoryuk baz=310	61.73	32	P	P	02 20 30.3 +0.8
J16K	Anvik River baz=313	61.82	21	P	P	02 20 30.7 +0.9
G22K	Bettles baz=319	61.82	21	P	P	02 20 30.2 +0.1
PAB	San Pablo	61.90	299	P	IaMb	02 20 31.1 -0.1 02 20 32.1
PAB	San Pablo	61.90	299	P	P	02 20 31.1 -0.1
PAB	San Pablo comp=Z,14nm,0.6s	61.90	299	P	P	02 20 31.9 +1.2
GCSA	Galena City Sc baz=315,SNR=7.8	61.92	23	P	P	02 20 30.7 -0.1
IMAR	Indian Mtnai	61.92	21	P	P	02 20 30.7 -0.1
COLD	Coldfoot	61.92	21	P	P	02 20 31.7 +0.8

H20K	Anotleneega Mo baz=317,SNR=20	61.96	23	P	P	02 20 31.9 +0.8
ECAL	Calabor	61.99	302	P	P	02 20 32.1 +0.4
PBROK	Brotoga	62.07	302	eP	P	02 20 32.9 +0.1
K15K	Wolf Creek Mou baz=313	62.14	28	P	P	02 20 33.6 +1.3
J17K	VABM Dome	62.19	27	P	P	02 20 32.8 +0.2
J17K	VABM Dome	62.19	27	P	P	02 20 34.1 +1.5
F24K	Squaw Lake	62.27	20	P	P	02 20 32.4 -0.8
F24K	Squaw Lake comp=Z,17nm,0.7s	62.27	20	P	IaMb	02 20 34.3
F24K	Squaw Lake comp=Z,31,SNR=23	62.27	20	P	P	02 20 33.8 +0.6
G23K	Bananza Creek baz=320,SNR=5.3	62.37	21	P	P	02 20 34.9 +1.1
L14K	Kuka Creek	62.38	30	P	P	02 20 33.7 -0.2
L14K	Kuka Creek	62.38	30	P	P	02 20 35.3 +1.4
D27M	Malcolm River	62.40	16	P	IaMb	02 20 33.8 -0.2 02 20 36.3
D27M	Malcolm River comp=Z,82nm,1.8s baz=326	62.40	16	P	P	02 20 34.9 +0.8
H21K	Melozitna Rive H21K	62.42	23	P	IaMb	02 20 34.1 -0.1 02 20 36.0
H21K	Melozitna Rive comp=Z,46nm,1.1s baz=318,SNR=8	62.42	23	P	P	02 20 34.9 +0.7
A36M	Sachs Harbour A36M	62.45	9	P	IaMb	02 20 34.2 0.0 02 20 40.0
A36M	Sachs Harbour comp=Z,35nm,0.9s baz=338,SNR=17	62.45	9	P	P	02 20 34.7 +0.5
L15K	Ungalak Mouta baz=313	62.57	29	P	P	02 20 36.1 +0.9
I20K	Nasedeneel baz=317	62.59	24	P	P	02 20 35.8 +0.6
MVO	Monorcovo	62.62	302	eP	P	02 20 36.7 +0.7
H22K	Ishtalaita Cre	62.63	22	P	P	02 20 36.1 +0.5
F25K	Christian River baz=323,SNR=23	62.74	19	P	P	02 20 37.5 +1.2
D28M	Stokes Point baz=328,SNR=11	62.76	15	P	P	02 20 37.6 +1.3
M13K	Dall Lake baz=312	62.77	31	P	P	02 20 38.2 +1.7
J19K	Poorman	62.84	25	P	IaMb	02 20 36.9 -0.1 02 20 39.4
J19K	Poorman comp=Z,62nm,1.2s baz=317,SNR=13	62.84	25	P	P	02 20 38.3 +1.3
J18K	Innoko River J18K	62.89	26	P	IaMb	02 20 37.4 +0.1 02 20 39.5
J18K	Innoko River comp=Z,60nm,1.2s baz=316,SNR=10	62.89	26	P	P	02 20 38.5 +1.1
DY2G	Dye2	62.89	339	i	P	02 20 37.7 +0.2
PGAV	Gavieira, Arco	62.90	303	eP	P	02 20 38.2 +0.3
PCAB	Cabrill	62.90	303	eP	P	02 20 38.8 +1.0
K17K	Iditarod	62.92	27	P	P	02 20 39.7 +0.1
K17K	Iditarod	62.92	27	P	P	02 20 39.0 +1.5
MSAI	Masohi comp=Z,33nm,0.6s	62.95	126	P	P	02 20 38.8 +0.5
POLO	Lamas de Oio	62.96	302	eP	P	02 20 38.1 -0.2
PVRL	Vila Real	62.97	302	eP	P	02 20 39.0 +0.7
F26K	Sheenjek Riv	63.00	18	P	P	02 20 38.2 +0.2
F26K	Sheenjek Riv baz=324,SNR=14	63.00	18	P	P	02 20 38.8 +0.8
I21K	Tanana	63.01	23	P	IaMb	02 20 38.0 -0.1 02 20 40.1
I21K	Tanana comp=Z,40nm,1.1s baz=319	63.01	23	P	P	02 20 39.3 +1.2
G24K	Hadweenzic Riv G24K	63.01	20	P	IaMb	02 20 38.0 -0.1 02 20 39.1 +1.0
M14K	Bethe	63.05	30	P	P	02 20 38.1 -0.3
M14K	Bethe baz=313,SNR=7.1	63.05	30	P	P	02 20 40.0 +1.7
BMAR	Burnt Mountain	63.12	18	P	P	02 20 38.7 -0.1
J20K	Nowinta River	63.14	24	P	P	02 20 39.2 +0.2
J20K	Nowinta River baz=318,SNR=18	63.14	24	P	P	02 20 40.2 +1.2
E27K	Coleen River	63.15	17	P	IaMb	02 20 38.3 -0.7 02 20 40.9
E27K	Coleen River comp=Z,72nm,1.4s baz=326,SNR=28	63.15	17	P	P	02 20 39.8 +0.8
E27K	Coleen River comp=Z,74nm,1.5s	63.15	138	P	P	02 20 38.0 -1.7
H23K	Yukon River	63.17	21	P	IaMb	02 20 39.1 -0.1 02 20 41.6
H23K	Yukon River comp=Z,39nm,0.9s baz=320	63.17	21	P	P	02 20 40.4 +1.2
E28M	Babbage River E28M	63.22	16	P	IaMb	02 20 38.6 -0.8 02 20 41.5
E28M	Babbage River comp=Z,52nm,1.4s baz=327,SNR=25	63.22	16	P	P	02 20 40.1 +0.7
L16K	Owhat River	63.24	28	P	P	02 20 39.8 +0.1
L16K	Owhat River baz=315,SNR=10	63.24	28	P	P	02 20 41.3 +1.6
G25K	Beaman Lake baz=323,SNR=15	63.30	19	P	P	02 20 41.3 +1.4
L17K	Donlu baz=315,SNR=9.8	63.34	27	P	P	02 20 41.8 +1.5
MTE	Manteigas	63.38	301	eP	P	02 20 42.2 +1.1
PVIS	Visu	63.41	302	eP	P	02 20 42.2 +1.0
MLY	Manley	63.47	22	P	IaMb	02 20 41.4 +0.3 02 20 43.1
MLY	Manley comp=Z,31nm,1.0s baz=320,SNR=8.4	63.47	22	P	P	02 20 41.2 0.0
TTA	Tatalina	63.49	26	P	IaMb	02 20 41.2 -0.2 02 20 43.9
TTA	Tatalina comp=Z,61nm,1.7s	63.49	26	P	P	02 20 42.0 +0.5
TTA	Tatalina	63.49	26	P	P	02 20 41.2 -0.2 02 20 43.9
M15K	Kasigluk River baz=314	63.54	29	P	P	02 20 44.2 +1.0
PTO	Poto	63.59	303	P	P	02 20 43.2 +0.9
H24K	Noodor Dome	63.59	21	P	P	02 20 42.2 +0.1
H24K	Noodor Dome baz=322,SNR=19	63.59	21	P	P	02 20 43.0 +1.0
FYU	Fort Yukon	63.66	19	P	P	02 20 41.8 -0.5
PCBR	Branco	63.68	301	eP	P	02 20 43.5 +0.6
MMRI	Maumere	63.69	135	P	P	02 20 42.3 -0.9
MMRI	Maumere	63.69	135	P	P	02 20 48.7 +5.5
G26K	Porcupine Rive baz=324,SNR=22	63.69	19	P	P	02 20 43.7 +1.2
N14K	Kuskokwak Cree	63.72	30	P	P	02 20 44.2 +1.5
E29M	Blow River	63.72	16	P		

16d 2h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Spurr Chakacha, Koktuh Hills, Independent Ri, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Talbot Arm, Mount Upton, Mesa, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Warramunga Arr, WRA, WRA, etc.

16d 2h

Table with columns: SRO, BRG, CLL, CLL, KRUC, MODS, MODS, NRDL, RETH, TREC, TREC, NEUB, CLZ, FRGS, EKA, ESK, ZVC, PLN, GTTG, RONA, MOX, MOX, IBBN, CONA, CKRC, CKRC, KHC, KHC, KHC, MANZ, ROTZ, GEC2, GEC2, GERES, GERES, GERES, GERES, SJES, UBBA, BBLS, WET, RUDO, HAPS, ARSA, KAST, MOA, MOA, BUG, OHR, PUK, UPM, SOKA, BLO, BLY, A051, A051, DRME, BRY, TNS, CRES, OBKA, OBKA, HCY, A050, KBA, BOJS, LESA, MYKA, BTEL, BTEL, A050, BSTI, CEY, STU, BCLA, ABTA, WATA, WDTS, WTTA, SKAD, RCHD, RMBR, MOTA, RETA, WLF, WLF, WLF, UBR, DFO, BFO, BFO, FETA, DAVA, CTI, CTI, FUORN, TORD, TORD, TORD, TORD, SBA, SBA, SBA, GJF, GJF, SRO.

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Table with columns: SRO, BRG, BRG, BRG, CLL, CLL, KRUC, MODS, MODS, NRDL, RETH, TREC, TREC, NEUB, CLZ, FRGS, EKA, ESK, ZVC, PLN, GTTG, RONA, MOX, MOX, IBBN, CONA, CKRC, CKRC, KHC, KHC, KHC, MANZ, ROTZ, GEC2, GEC2, GERES, GERES, GERES, GERES, SJES, UBBA, BBLS, WET, RUDO, HAPS, ARSA, KAST, MOA, MOA, BUG, OHR, PUK, UPM, SOKA, BLO, BLY, A051, A051, DRME, BRY, TNS, CRES, OBKA, OBKA, HCY, A050, KBA, BOJS, LESA, MYKA, BTEL, BTEL, A050, BSTI, CEY, STU, BCLA, ABTA, WATA, WDTS, WTTA, SKAD, RCHD, RMBR, MOTA, RETA, WLF, WLF, WLF, UBR, DFO, BFO, BFO, FETA, DAVA, CTI, CTI, FUORN, TORD, TORD, TORD, TORD, SBA, SBA, SBA, GJF, GJF, SRO.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ICS, ICS. Includes sub-headers for '18/41, mb4.3/13, 7C, Southeast of Loyalty Islands' and '1602:27:50.8, 1.21:81S:0:09:169:76E, h0km, mb4.5/15, mbmp4.4/18, ML4.4/3, M5S.1/3, Error ellipse: s-maj=19.6km s-min=15.6km az=99.0'. Includes sub-headers for '1602:27:59.1, 1.3:21:69S:0:10:169:76E, h10km, 1km, mb4.8/36, Error ellipse: s-maj=17.4km s-min=11.5km az=160.0' and '1602:27:59.3, 0.4:21:65S:0:07:169:70E, h21km, n124, h095:27, mb4.7/32, 4C-1D, Southeast of Loyalty Islands'.

Table of meteorological data for station MJAR, including fields for station name, time, position, and various meteorological parameters like wind speed and direction.

Table of meteorological data for station TNS, including fields for station name, time, position, and various meteorological parameters.

16 02:30:44.0±1.2, 21°70'S; 169°68'E, h0km, mb3.9/4, mbtm3.9/5, ML3.3/1, Error ellipse: s-maj=45.1km s-min=29.3km az=167.0

16 02:30:46.5±1.1, 21°65'S; 169°70'E, h1km, m13, s=065/14, mb4.3/7, 5C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like DZM, ASAR, WRA, MAW, TROLL, SNA, SNA, VNA3, VNA2, BRDH, VNA1, SHL, SONM, SONM, NVAR, J05D, KVN, PINE, PINE, ILAR, ARCES, FINES, AKASG, NOA, VORH, MYRS, DPC, JAVC, VTRC, BRG, BRG, BRG, BRG, CLL, CLL, CLL, KRUC, MODS, NRDL, RETH, RETH, NEUB, CLZ, EKA, ZVC, GTTG, MOX, RONA, IBBN, CONA, CKRC, MANZ, KHC, KHC, ROTZ, GE2, GERES, WET, ARSA, KASTN, GRF, GRF, MOA, BLOA, SOKA.

16 02:32:09.9±1.1, 22°09'S; 169°69'E, h0km, mb3.9/7, mbtm3.9/8, ML3.6/1, Error ellipse: s-maj=34.7km s-min=26.4km az=167.0

16 02:32:14.4±0.9, 22°15'S; 169°49'E, 0.10, h25km, m13, s=103/14, mb3.9/3, 3C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like DZM, STKA, ASAR, WRA, QSPA, TROLL, SNA, VNA3, SONM, ILAR, EKA, GERES.

16 02:32:16.4±1.2, 21°81'S; 169°81'E, h0km, mb3.7/2, mbtm3.7/3, ML3.5/1, Error ellipse: s-maj=193.0km s-min=37.9km az=157.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like DZM, DZM, ASAR, WRA, EKA, GERES.

16 02:36:19.6±0.7, 12°54'N; 87°90'W, h34km, 7km, ML2.9, SNET 16 02:36:20.3±1.4, 12°55'N; 87°89'W, h32km, 11km, ML2.2

16 02:36:19.2±1.9, 12°55'N; 87°89'W, h25km, 16km, n15, s=051/30, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like CSNG, INT, INT, INT, CNCH, CNCH, CNCH.

Table of meteorological data for station CNCH, including fields for station name, time, position, and various meteorological parameters.

16 02:37:14.1, 23°10'N; 121°83'E, h29km, 1km, ML2.6, D JMA 16 02:37:14.4±0.2, 23°10'N; 121°82'E, h44km, TAIWAN REGION

16 02:37:14.2±4.5, 23°07'N; 121°88'E, 0.03, h37km, 4km, n50, s=083/66, 3D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like CHKH, ECBN, ECBN, EDH, EDH, LDUT, LDUT, FULB, EYUL, HGSD, HGSD, TWF1, YULH, EHY, TEGC, TEGC, LONT, SHUL, SHUL, TWGBT, TWGBT, TWG, TWG, WARBT, ELDTW, ETM, XLSB, XLSB, OWD, EOSA, EOSA, NACB, NACB, WHYT, SLGT, WUSB, WUSB, WUSB, TPUB, ET LH, SGST, WHF, MASBT, CHNI, TYC, EOSA, EOSA, TWK, FUSF, WCS, EWUT, EOSE, NNSB, NNS.

16d 2h

Table with 5 columns: Station Name, Azimuth (Az), Elevation (E), Frequency (F), and other parameters. Includes stations like WHP Taichung City, LATG Datong, TWK1 Hengshun, etc.

RSNC 16 02:38:32.0±0.4, 7°N, 3°8'2W, h0km, M3.9, mB6.2, mb4.5, ML3.7, Mw(mB)5.9

UCR 16 02:38:32.7±1.0, 6°56N, 82°35W, h36km, 999km, MW5.0

CATAC 16 02:38:33.8±1.1, 6°60N, 82°47W, h22km, 12km, mb4.8, ML5.1

NEIC 16 02:38:35.9±1.7, 6°95N, 0°06, 82°30W, 0.0, h10km, 2km, mb4.3/1.1, Error ellipse: s-maj=14.6km s-min=8.6km az=236.0

UPA 16 02:38:40.3±2.0, 6°46N, 82°36W, h27km, 23km, MW5.4

IDC 16 02:38:42.4±4.0, 7°01N, 82°31W, h0km, mb3.8/9, mbtmp3.8/10, ML2.1/1.1, Error ellipse: s-maj=146.8km s-min=22.7km az=28.0

ISC 16 02:38:32.1±1.8, 6°35N, 0°07, 82°48W, 0.0, h13km, 11km, n123, 0219/115, mb4.2/14, BC-6D, South of Panama

Main table for station data, columns: Code, Station Name, Az, E, F, Res, ISC, H, m, s, ISC. Lists numerous stations like LIMO3 Limones, GMAL Guarumal, etc.

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Main table for event data, columns: Code, Station Name, Az, E, F, Res, ISC, H, m, s, ISC. Lists various seismic events and stations like ACON Acopya, YOTC Yotoco, etc.

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Main table for event data, columns: Code, Station Name, Az, E, F, Res, ISC, H, m, s, ISC. Lists various seismic events and stations like GMAL Guarumal, WRA Wararunga, etc.

mb4.5/17, Error ellipse: s-maj=16.7km s-min=10.1km az=148.0

ISC 16:02:56.31:4.0:7.21:82S:0:10:169:61E:0.09,h25km,n46, e110/42,mb4.3/16,4C,Southeast of Loyalty Islands

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

IDC 16:03:03:23.6:0.6,21:99S:169:68E,h0km,mb4.5/14, mbmp4.4/15,ML3.9/1,MS4.5/6, Error ellipse: s-maj=21.9km s-min=18.0km az=113.0

MOS 16:03:03:28.3:1.1,21:36S:160:36E,h13km,mb5.2/21, Error ellipse: s-maj=19.1km s-min=10.0km az=39.3

NEIC 16:03:03:27.3:1.8,21:96S:0:10:169:38E:0.07,h10km,1km, mb5.1/88, Error ellipse: s-maj=16.5km s-min=11.1km az=162.0

BUI 16:03:03:28.5:21:29S:169:59E,h12km,mb4.9/47

NOU 16:03:03:28.5:21:74S:169:32E,h0km,mb5.0/44, Southeast of Loyalty Islands

Table with columns: RTZ, Iamb, Iamb, 03 07 43.2. Lists seismic events with station codes and magnitudes.

WBO Warramunga Arr 32.84 267 P P 03 09 59.4 -1.5

WRA Warramunga Arr 32.85 267 P P 03 09 59.6 -1.5

WRA Warramunga Arr 32.85 267 P P 03 09 59.8 -1.3

WRA Warramunga Arr 32.85 267 P P 03 09 59.8 -1.3

WRA Warramunga Arr 32.85 267 P P 03 09 59.8 -1.3

Table with columns: KSAR, Wouju Array Be, 70.88 326 P P 03 14 45.2 +1.2. Lists seismic events with station codes and magnitudes.

KSAR Wouju Array Be 70.88 326 P P 03 14 45.2 +1.2

KSAR Wouju Array Be 70.88 326 P P 03 14 45.2 +1.2

KSAR Wouju Array Be 70.88 326 P P 03 14 45.2 +1.2

KSAR Wouju Array Be 70.88 326 P P 03 14 45.2 +1.2

KSAR Wouju Array Be 70.88 326 P P 03 14 45.2 +1.2

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MTN, WRKA, FORT, KFOR, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like ELIB, HIA, HIA, HIA, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like G30M, E28M, D27M, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ARSA Arzberg, RUDO Rudo, HASTN Hanh Pjiesak, etc.

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

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

IDC 16 03:21:16.7-1.2, 22:37Sx169.85E, h0km, mb3.8/5, mbmp3.7/6, ML3.7/1, Error ellipse: s-maj=50.6km s-min=25.0km az=169.0

NEIC 16 03:21:24.4-1.8, 22:45Sx169.46E, h0km, mb3.8/5, mb4.6/9, Error ellipse: s-maj=21.7km s-min=13.0km az=354.0

ISC 16 03:21:21.5-0.7, 22:22Sx169.64E, h0km, mb3.8/5, mb4.6/9, Error ellipse: s-maj=21.7km s-min=13.0km az=354.0

IDC 16 03:29:21.9-5.0, 21:23Sx169.39E, h0km, mb3.6/2, mbmp3.5/3, ML3.1/1, Error ellipse: s-maj=231.3km s-min=31.3km az=152.0, Southeast of Loyalty Islands

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

IDC 16 03:32:41.0-0.6, 21:17Sx169.73E, h0km, mb4.6/15, mbmp4.6/16, ML4.2/1, MS4.7/4, Error ellipse: s-maj=21.4km s-min=15.5km az=97.0

MOS 16 03:32:43.0-1.1, 21:17Sx169.47E, h11km, mb5.3/21, Error ellipse: s-maj=11.5km s-min=10.1km az=44.0

NEIC 16 03:32:44.5-1.8, 21:20Sx169.55E, h0km, mb3.8/5, mb5.2/78, Error ellipse: s-maj=10.1km s-min=14.5km

NOU 16 03:32:48.0-2.1, 73Sx169.24E, h0km, mb5.1/78, Southeast of Loyalty Islands

ISC 16 03:32:46.7-0.3, 21:18Sx169.55E, h0km, mb5.1/78, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QIS Mount Isa, ARPS Mount Arapiles, LCRK Leigh Creek, etc.

IDC 16 03:32:48.0-2.1, 73Sx169.24E, h0km, mb5.1/78, Southeast of Loyalty Islands

ISC 16 03:32:46.7-0.3, 21:18Sx169.55E, h0km, mb5.1/78, Southeast of Loyalty Islands

NOU 16 03:32:48.0-2.1, 73Sx169.24E, h0km, mb5.1/78, Southeast of Loyalty Islands

ISC 16 03:32:46.7-0.3, 21:18Sx169.55E, h0km, mb5.1/78, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KDU Kakadu, MTN Mantion Dam, MTN Mantion Dam, etc.

IDC 16 03:21:16.7-1.2, 22:37Sx169.85E, h0km, mb3.8/5, mbmp3.7/6, ML3.7/1, Error ellipse: s-maj=50.6km s-min=25.0km az=169.0

NEIC 16 03:21:24.4-1.8, 22:45Sx169.46E, h0km, mb3.8/5, mb4.6/9, Error ellipse: s-maj=21.7km s-min=13.0km az=354.0

ISC 16 03:21:21.5-0.7, 22:22Sx169.64E, h0km, mb3.8/5, mb4.6/9, Error ellipse: s-maj=21.7km s-min=13.0km az=354.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ONTNC Ouen Toro, NOUC Port Laguerre, RVP Rentapao, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TVIHX Townsville, OXZ Oxford, CTAO Charters Tower, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SBLUM SBLUM, JSG Sgara, INU Inuyama, etc.

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

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

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1005.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 2018 OCT.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 162 3h.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 16 03:41:38.0, 16 03:41:38.0, 16 03:41:38.0, etc.

s-min=11.9km az=67.0
MAN 16 03:52:01.9, 8.54N, 122.64E, h6km, mb5.7, ML4.7, MS5.1
MAN INTENSITY III - DAPITAN CITY; DIPOLOG CITY; JOSE DALMAN LILOY MANUKAN AND SINDANGAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DCHP Dipolog City, DCHP Sibulan, DCHP Pagadian, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LBLP Los Banos, Lag, LBLP Maragondon, Ca, LBLP Abucay Bataan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 16 03:49:34.0, 16 03:49:34.0, 16 03:49:34.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DAV Davao City (W), DAV Davao City (W), DAV Ibaay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KASI Kota Agung, KASI Mantan Dam, KASI Mantan Dam, etc.

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Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., SNR, SNR=4.0, etc.).

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., SNR, SNR=4.0, etc.).

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., SNR, SNR=4.0, etc.).

16d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G29M Pine Creek, SORM Soroca, LUBAR Lubar, etc.

NOU 16:03:57:58.6, 21.85S; 169.93E, hOkm, MLV3.8/6, Southeast of Loyalty Islands
IDC 16:03:57:59.4, 0.7, 21.72S; 169.78E, hOkm, mb4.3/13, mbtmp4.3/14, ML3.8/1, Error ellipse: s-maj=22.0km s-min=18.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PINNC Pines Island, LIFNC LIFOU, YATNC Mamie plateau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONTNC Ouen Toro, KOUNC Koumac, RTZ Ruatuhuna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, CTAO Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboe, WBO Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Manton Dam, FORT Forrest, KNRA Kununurra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, GSPA South Pole Qui, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BELA Belgrano 2, TROLI Troll, SNAA Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, ESPZ Base Esperanza, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, BVAR Borovoye Array, SPITS Spitsbergen Arr, etc.

IDC 16:03:58:57.3, 3.9, 5.76S; 150.86E, hOkm, mb3.9/2, mbtmp4.0/2, Error ellipse: s-maj=145.4km s-min=11.7km

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

SCB 16:04:08:51.4, 1.3, 21.91S; 67.11W, h190km, mb13km, ML3.0/2, MW4.3, Error ellipse: s-maj=22.4km s-min=6.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOCB Mochara, GOO1 Chuzmiza, SOET ToroToro, etc.

IDC 16:04:08:53.9, 0.6, 22.09S; 169.82E, hOkm, mb4.5/17, mbtmp4.5/19, ML4.4/2, MS4.6/4, Error ellipse: s-maj=19.3km s-min=15.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, YATNC Mamie plateau, etc.

NOU 16:04:09:04.3, 21.96S; 169.25E, h29km, mb5.0/51, Southeast of Loyalty Islands
IDC 16:04:08:59.0, 3.2, 22.20S; 169.58E, h25km, m293, s125/277, mb5.0/80, MS4.9/6, 7C-10D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOUC Port Laguerre, DVP Devils Point, KOUNC Koumac, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRNZ Matariki Terra, THZ Tophouse, LTZ Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, TVJH Townsville Har, CVJH Jackson Bay, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, COEN Coen, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INKA Innamika, QIS Mount Isa, WOD Oodnadatta, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDU Kakadu, MTN Manton Dam, WRA Warakurna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMBL Kambalda, MBWA Marble Bar, MEEK Meekatharra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOLJ Tolitoli, TOL2 Tolitoli, DHH Diamond Head, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, TPUB Ta-pu, YHSH Yelshu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GULI GullIn, USAO USSurik Arr, USRK USSurik Arr, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Mudanjiang, Nongkai, Taifan, Changchun, BinXian, Enshi, LuoYang, HongShan, Kuf'dur, Phrae, Chiang Mai Arr, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Umpqua Nationa, Pah Rah Range, Tendick Farm, Mina Array Bea, Mina Array Sit, Fort Rock, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Grafenberg Arr, Bodum-Univer, Soboth, Pedgorius, Tausius Mts, Obira, etc.

NEIC 16 04:19.28.2.1, 21.52.0.06:169.9E:0.1, h10km, 1km, mb4.3/14, Error ellipse: s-maj=18.7km s-min=6.2km az=59.0
IDC 16 04:19.30.3.1.3.21.76S:169.78E, h0km, mb3.8/5, mbmp3.8, 6ML3.5/1, Error ellipse: s-maj=38.7km s-min=29.4km az=7.0
ISC 16 04:19.31.0.0.9.21.5S:0.2:169.9E:0.1, h10km, n32, 1860/25, mb4.2/13, 5C, Southeast of Loyalty Islands

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ISC 16 04:21:22.7,0.3,21°30'S,166°65'E,0.05,h25km,n253,
r1512/252,m4.9/64,MS4.8/5,9C-14D, Southeast of

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, etc. Includes entries for Loyalty Islands, Mare, Pines Island, LIFOU, Mamie plateau, Ouen Island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, etc. Includes entries for MJAR, QSPA, KRSR, QIZ, NJ2, MSHR, USA0B, WHN, PET, PETK, MAW, TIA, CN2, BNX, LYN, HNS, KLR, PHRA, CMAR, KMI, CHTO, SMAIL, PZH, HHC, TNCH, ELIB, LZH, SEY, TROLL, SNA, SNA, SNA, SNA, SNA, VNA, VNA, VNA, OOD, SHL, SHL, SHL, ULN, ULN, ULN, GAT, GAT, PFO, SOM, SOM, SOM, K2K, K2K, BILL, BILL, NVAR, JSD, TPH, TPH, PINE, ILAR, ZAK, ZAK.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, etc. Includes entries for WMQ, ARTI, ARTI, ARTI, ARTI, AKTY, ARCES, KMB, GNL, KBZ, KIV, VALR, FINES, AKASO, AKASO, PSZ, PSZ, MORC, VYHS, GNL, DPC, JAVC, VRAC, FLTG, BRG, BRG, BRG, BRG, CLG, CLG, CLG, CLG, KRUC, MODS, GNL, NRDL, RETH, TREC, TREC, NEUB, CLZ, CLZ, EKA, ESK, ESK, VAY, ZVC, PLN, GTTG, RONA, MOX, MOX, IBBN, CONA, CKRC, CKRC, LIT, KHC, KHC, MANZ, ROTZ, GEC2, GEC2, GERES, GERES, UBBA, WET, ARSA, ARZ, FNA, FNA, KASTN, MOA, MOLL, GRF, OHR, PUK, KBN, KBN, BIOA, BIOA, SOKA, PDG, TNS, OBKA, KBA, LESA, BTNL, MYKA, MEM, MEM, PRED, BSTI, HBOU, BCLA, SBAO, ABTA, WATA, BGES, WTTA, RCHD, BMRD, MOTA, SQTA, RETA, WLF, WLF, WLF, WLF, UBR, UBR, DOU, BFO, FETA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like DAVA, CTI, CCH, etc.

IDC 16 04:27:56.0, 2.0, 40.48N, 48.77E, h0km, mb3.76, mbtm3.6/12, ML3.4/6, Error ellipse: s-maj=33.3km s-min=13.6km az=162.0

MOS 16 04:27:56.4, 40.44N, 48.75E, h1km, MPVA.4.4 AZER 16 04:27:57.9, 40.48N, 48.64E, h4km, ml3.4 TIF 16 04:28:00.9, 40.52N, 48.46E, h24km, gkm

TEH 16 04:28:00.4, 40.48N, 48.74E, h20km, GKM, ML3.2

ISC 16 04:28:00.4, 0.9, 40.42N, 0.02, 48.67E, 0.02, h17km, gkm, n90, c216/148, mb3.6, Eastern Caucasus

Main table listing station codes (e.g., GBS, POL, KDMR, etc.), station names (e.g., Qobustan, Pirkuliy, Kurdemir, etc.), and associated data like Az, Phase ID, Time, Res.

Table listing station codes (e.g., CHR, IAZ, TRIG, etc.), station names (e.g., Chargali, Azarshahr, Trialeti, etc.), and associated data like Az, Phase ID, Time, Res.

IDC 16 04:29:15.7, 5.0, 21.82S, 169.77E, h0km, mb4.0/9, mbtm4.0/10, ML3.2/1, Error ellipse: s-maj=26.5km s-min=25.0km az=156.0

NEIC 16 04:29:18.4, 1.8, 21.82S, 0.1, 169.70E, 0.08, h10km, 1km, mb4.6/18, Error ellipse: s-maj=21.6km s-min=8.2km az=150.0

ISC 16 04:29:20.2, 0.6, 21.8S, 0.1, 169.67E, 0.09, h25km, m43, c075/44, mb4.5/21, 5C, Southeast of Loyalty Islands

Main table listing station codes (e.g., CHR, IAZ, TRIG, etc.), station names (e.g., Chargali, Azarshahr, Trialeti, etc.), and associated data like Az, Phase ID, Time, Res.

Table listing station codes (e.g., WRA, ASAR, NVAR, EKA), station names (e.g., Warramunga Arr, Allie Springs, Mina Array Bea, Eskdalemuir Arr), and associated data like Az, Phase ID, Time, Res.

IDC 16 04:42:38.4, 0.4, 21.82S, 169.67E, h0km, mb4.9/19, mbtm4.9/21, ML4.1/2, MS5.1/44, Error ellipse: s-maj=16.9km s-min=13.7km az=83.0

MOS 16 04:42:40.3, 1.2, 21.84S, 169.46E, h10km, mb5.7/41, MS5.4/16, Error ellipse: s-maj=9.2km s-min=7.8km az=125.1

NEIC 16 04:42:41.1, 1.8, 21.95S, 0.0, 169.59E, 0.06, h10km, 1km, mb5.6/29, Ms 2.0, 5.4/24, Mw5.6/40, Error ellipse: s-maj=10.7km s-min=3.6km az=58.0

NEIC 16 04:42:43.1, 2.1, 21.9S, 169.42E, h12km, GCMT 16 04:42:43.1, 0.1, 21.83S, 0.0, 169.79E, 0.01, h12km, MW5.1/57, Moment Tensor Solution, s9, 7.0, c183, t157, c299, Duration: 1.1s, Moment tensor: Scalar 1017 Nm; M1=2.24; M2=0.3; M3=1.16; M4=0.08; M5=0.05; M6=0.65; M7=0.36; M8=0.3; M9=0.3; Best double couple: M2:587000, M1:1017, NP1:24,000,000, s51,000,000, s120,000,000, NP2:247,000,000, s48,000,000, s58,000,000, Principal axes: T 2.4840, Plg2.0000, Azm135,0000; N 0.2070, Plg23,0000, Azm45,0000; P -2.6910, Plg67,0000, Azm229,0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 16 04:42:43.1, 2.1, 21.60S, 169.84E, h12km, Moment Tensor Solution: Duration: 3.33, Moment tensor: Scalar 1017 Nm; M1=2.34; M2=1.18; M3=1.17; M4=0.70; M5=1.65; M6=0.54; Fault plane solution: M2:760000, NP1: NP1: 245,290000, s50,080000, s61,330000, NP2: 246,860000, s47,710000, s119,830000, Principal axes: T 2.8251, Plg1,0000, Azm315,0000; N -0.1310, Plg22,0000, Azm46,0000; P -2.6942, Plg68,0000, Azm222,0000; BU 16 04:42:44.0, 2.1, 21.52S, 169.36E, h21km, mb5.1/76, ms5.8/39, Ms5.4/79, Ms7.5/276

NOU 16 04:42:44.8, 2.1, 73S, 169.32E, h0km, ML5.5/122, Southeast of Loyalty Islands

ISC 16 04:42:44.8, 0.4, 21.84S, 0.0, 169.66E, 0.04, h18km, 2km, h1c3, pp-P, n145, c187/959, mb5.5/227, MS5.4/202, 44K-30, Southeast of Loyalty Islands

Main table listing station codes (e.g., MARNC, PINNC, etc.), station names (e.g., Mare, Loyalty, Pines Island, etc.), and associated data like Az, Phase ID, Time, Res.

16d 4h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

1014

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PINNC Pines Island, DZM Mont Dzumac, ASAR Alice Springs, etc.

IDC 16:04:58:37.5:1.0,21:59S:169:68E,h0km,mb3.8/6, mbtmp3.8/7,ML3.1/1, Error ellipse: s-maj=36.9km

s-min=27.1km az=151.0 NEIC 16:04:58:11.1:1.0,21:36S:0:06:169:5E:0:1,h10km,1km, mb4.5/15, Error ellipse: s-maj=17.3km s-min=8.5km az=63.0

IDC 16:04:58:42.8:0.7,21:18S:0:01:169:5E:0:1,h2km,mb4.0, az=143/40,mb4.3/16.5C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PINNC Pines Island, DZM Mont Dzumac, ASAR Alice Springs, etc.

IDC 16:04:58:53.7:0.7,21:56S:169:84E,h0km,mb4.2/9, mbtmp4.2/10,ML3.7/1, Error ellipse: s-maj=28.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, GSPA South Pole Qui, etc.

WBNET 16:05:00:28.0,50:24N:-12:46E,h6km,MIO.4,4C-7D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKC Novy Kostel, NKC Lubly, STCW Studeneč, etc.

DJA 16:05:02:28.8:0.3,7:53S:12:4E,h648km,4km,M4.4/18, mb4.9/13,mb4.7/18,MLV4.7/17,Mw(mb)4.2/13

NEIC 16:05:02:29.9:2.2,6:66S:0:10:124:1E:0:1,h265km,7km, mb4.6/30, Error ellipse: s-maj=17.7km s-min=13.3km az=60.0

IDC 16:05:02:70.7:1.3,6:75S:124:20E,h654km,17km,mb3.6/17, mbtmp4.7/20, Error ellipse: s-maj=17.3km s-min=6.7km az=71.0

IDC 16:05:01:30.2:0.3,6:76S:0:05:124:13E:0:07,h650km,n137, h+106:151,mb4.4/28,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSI Bau Bau, MMRI Maumere, KNOI Kununurra, etc.

MBWA Marble Bar 14.93 196 P 05 05 36.5 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBUM Sibiu, SBUM Sibiu, SBUM Karang Pucung, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NWAOW, MORW, TAOE, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SNAW, VNA3, VNA3, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WTTA, RCHB, BMRD, etc.

NNC 16 05:48:39.0, 2.43:29N:78.04E, h0km, mb4.0, mpv4.0, Error ellipse: s-maj=3.2km s-min=1.1km az=175.0

KRNET 16 05:48:40.0, 1.43:29N:78.05E, h19km, mb3.9, Error ellipse: s-maj=6.6km s-min=4.1km az=144.0

ISC 16 05:48:41.0, 0.43:29N:0.02E, h10km, n84, Error ellipse: s-maj=34.0km s-min=20.3km az=179.0

ISC 16 05:48:41.0, 0.43:29N:0.02E, h10km, n84, Error ellipse: s-maj=34.0km s-min=20.3km az=179.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KURS, ZHN, ZHN, etc.

16d 6h

Table with columns: PDGK, MTBS, KDJ, KUU, KST, DJR, ULHL, BOOM, TDK, KRBS, TKM2, TKM2, TKM2, KAPS, KAPS, KAPS, KBK, NRN, CHMS, CHMS, CHMS, SGDS, FRU1, USP, AAK, AAK, AAK, UCH, UCH, ARLS, EKS2, EKS2, BTLS, BTLS, AML, AML, MRKS, MRKS, MRKS. Each row contains station name, frequency, and other technical details.

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Table with columns: MRKS, MNAS, MAZK, MAZK, MK31, MK31, MKAR, MKAR, MKAR, MK31, MK31, KURBS, KURK, BVAR, BVAR, ZALV, SONM, Code, Station Name, Frequency, Phase ID, Time, Res. Includes technical details like SNR, b, and s values.

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Table with columns: RCVN, RCPN, ESQI, CARN, CARN, Code, Station Name, Frequency, Phase ID, Time, Res. Includes technical details like SNR, b, and s values.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Haha-jima-NKT2, Chichijima, Mitsune, Boso, etc.

IDC 16 06:11:50.5, 1.2, 6.06S, 151.14E, h0km, mb4.1/5, mbtmp4.1/6, ML1.3/1, Error ellipse: s-maj=55.9km s-min=23.1km az=125.0

ISC 16 06:11:56.3, 1.2, 6.19S, 151.1E, 0.3, h43km, n16, @130/15, mb4.17, New Britain region

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

IDC 16 06:14:38.6, 1.2, 21.68S, 169.57E, h0km, mb4.0/4, mbtmp3.9/5, ML3.2/1, Error ellipse: s-maj=43.9km s-min=28.0km az=172.0

NEIC 16 06:14:41.3, 1.7, 21.7S, 0.1, 169.6E, 0.1, h10km, 2km, mb4.5/6, Error ellipse: s-maj=24.9km s-min=19.5km az=334.0

NOU 16 06:15:02.7, 21.54S, 167.82E, h0km, MLV2.9/7, Loyalty Islands

ISC 16 06:14:42.0, 9.2, 21.7S, 0.1, 169.6E, 0.1, h21km, n27, @059/23, mb4.3/6, 2D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Mare, Loyalty, Pines Island, LIFUNC, etc.

IDC 16 06:46:12.8, 0.7, 13.14N, 144.36E, h0km, mb4.1/10, mbtmp4.1/10, MS3.2/3, Error ellipse: s-maj=21.4km s-min=12.8km az=131.0

NEIC 16 06:46:17.6, 2.2, 12.91N, 144.79E, 0.09, h41km, 9km, mb4.5/6, Error ellipse: s-maj=15.2km s-min=5.0km

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

NEIC 16 06:48:26.4, 1.1, 31.06N, 0.01, 103.22W, 0.02, h2km, 4km, mb_Lg2.7/34, ML2.6/24, Error ellipse: s-maj=2.4km s-min=1.4km az=113.0, Western Texas

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

IDC 16 06:49:45.1, 0.5, 21.69S, 169.84E, h0km, mb4.7/16, mbtmp4.7/18, ML4.0/2, MS4.2/39, Error ellipse: s-maj=20.0km s-min=14.6km az=93.0

MOS 16 06:49:46.9, 1.0, 21.54S, 169.57E, h10km, mb5.4/21, Error ellipse: s-maj=13.1km s-min=9.7km az=124.5

NEIC 16 06:49:48.2, 5.2, 21.8S, 0.1, 169.50E, 0.08, h10km, 1km, mb5.2/57, Mww5.1/17, Error ellipse: s-maj=18.1km s-min=11.4km az=165.0

NOU 16 06:49:51.3, 21.52S, 169.22E, h0km, mb5.2/89, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Mare, Loyalty, Pines Island, LIFUNC, etc.

ISC 16 06:49:50.3, 0.3, 21.68S, 0.05, 169.58E, 0.04, h21km, n395, @1568/372, mb5.2/92, MS4.4/43, 18C-18D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Mare, Loyalty, Pines Island, LIFUNC, etc.

IDC 16 06:49:45.1, 0.5, 21.69S, 169.84E, h0km, mb4.7/16, mbtmp4.7/18, ML4.0/2, MS4.2/39, Error ellipse: s-maj=20.0km s-min=14.6km az=93.0

16d 6h

Table with columns for station name, time, and various numerical values. Includes stations like PMG, COEN, STKA, WRA, etc.

2018 OCT

Table with columns for station name, time, and various numerical values. Includes stations like DAV, TOLIZ, KSM, etc.

1022

Table with columns for station name, time, and various numerical values. Includes stations like HNS, BJI, BELA, etc.

16d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, AKTO Aktymbinsk, KURBS Kurchatov Arra, etc.

NNC 16:07:41.39.9-0.3, 43.30N, 78.05E, h0km, mb2.6, mpv3.2, Error ellipse: s-maj=7.1km s-min=1.8km az=179.0

Main table for 16d 8h section, listing various stations and their parameters. Includes stations like KURS Kuram, ZHN Zhisnikhe, SATY Saty, etc.

2018 OCT

Main table for 2018 OCT section, listing stations and their parameters. Includes stations like KST Kasek, TARG Taragay, DJR JarKent, etc.

1024

Main table for 1024 section, listing stations and their parameters. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WB0 Warrungunga Arr, WRA Warrungunga Arr, etc.

NEIC 16 08:12:53.0±1.2, 177.99S:0.09±1.78:1W.0±2, h561km±11km, mb4.5/25, Error ellipse: s-maj=21.6km s-min=12.7km az=82.0

IDC 16 08:12:53.5±1.9, 177.97S:178.13W, h564km±19km, mb3.4/8, mbtmp4.3/9, Error ellipse: s-maj=27.9km s-min=19.9km az=142.0

ISC VR:12:52:1.0±0.18:1S:0.2±178:1W.0±1, h550km, n38, ±1508/33, mb4.3/21, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamatui, ARMA Armidale, etc.

WEL 16 08:17:20.9±0.3, 42.5±3.174E±1, h14km±3km, M2.9/17, ML3.1/18, MLV2.9/17, Error ellipse: s-maj=4.0km s-min=2.4km az=150.9, confirmed, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station CMWZ Cape Campbell.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMWZ Walfire Stat, WDFS Wedd Fire St, KEKS Kekerengu Vall, etc.

IDC 16 08:30:28.2±1.3, 21.66S:169.74E, h0km, mb3.9/5, mbtmp3.8/6, ML3.3/1, Error ellipse: s-maj=34.0km s-min=29.4km az=167.0

NOU 16 08:31:12.1, 21.44S:167.40E, h0km, MLV2.9/7, Loyalty Islands

ISC 16 08:30:31.3±1.0, 21.9S:169.80E±0.08, h25km, n17, ±1544/14, mb4.2/7, 3C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

IDC 16 08:35:07.3±3.5, 53.64N:88.03E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=36.6km s-min=23.3km az=77.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalevso Beam, etc.

MOS 16 08:35:34.1±1.0, 0.96N:28.19W, h10km, mb4.5/65, MS4.9/13, Error ellipse: s-maj=9.4km s-min=4.7km az=49.6

IDC 16 08:35:34.1±0.4, 0.91N:28.12W, h0km, mb4.8/32, mbtmp4.9/34, ML5.0/2, MS4.9/13, Error ellipse:

s-maj=15.1km s-min=10.0km az=136.0
BUJ 16 08:35:35.2, 1.50N:28.93W, h12km, mb5.8/3, MS5.6/8, MS7.5/8
NEIC 16 08:35:36.8, 0.95N:28.23W, h10km
NEIC 16 08:35:36.8, 0.84N:28.31W, h20km, Moment Tensor Solution. Duration: 3s1 Moment tensor: Scale 1017Nm; Mr=0.32; Mw=0.89; Ms=0.57; Mv=0.22; Mh=2.17; Mw/0.40; Fault plane solution: M2.33000x1017 NP1: 350.76000, 388.48000, 1.023000; Principal axes: 260.48000, 379.77000, 1.17845000; Principal axes: T 2.5071, Plg3.0000, Azm216.0000; N -0.3599, Plg8.0000, Azm359.0000; P -2.1473, Plg6.0000, Azm125.0000; NEIC 16 08:35:36.8, 0.94N:28.21W, h20km
NEIC 16 08:35:36.8, 0.95N:0.09, 28.22W:0.08, h10km, 1km, mb5.4/203, Ms 20.5/1.321, Mw5.6/32, Mw5.5/55, Error ellipse: s-maj=15.5km s-min=12.3km az=142.0, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr=1.8; Mw=0.50; Ms=0.68; Mv=0.58; Mh=2.64; Mw/0.32; Fault plane solution: M2.78000x1017 NP1: 353.24000, 377.74000, 1.3.66000; NP2: 38.402000, 388.42000, 1.167.71000; Principal axes: T 2.6390, Plg6.0000, Azm216.0000; N 0.2734, Plg7.0000, Azm100.0000; P -2.9114, Plg11.0000, Azm309.0000; BGR 16 08:35:38.3, 0.48N:27.21W, h33km, mb5.3, Ms5.0 GCMT 16 08:35:38.8, 0.1, 1.2N, 0.01, 28.07W:0.01, h15km, MW5.6/158, Moment Tensor Solution. 138c, c234; s158, c324; Duration: 1s5 Moment tensor: Scale 1017 Nm; Mr=0.25±0.3; Mw=0.82±0.3; Ms=0.56±0.3; Mw/0.28±0.9; Ms=2.54±0.3; Mw/0.69±0.9; Best double couple: M2.74300x1017 NP1: 171.00000, 381.00000, 1.14.00000; NP2: 264.00000, 376.00000, 1.17.00000; Principal axes: T 2.7720, Plg4.0000; Azm218.0000; N -0.0570, Plg73.0000; Azm321.0000; T 2.7140, Plg16.0000; Azm127.0000; nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 08:35:36.9±0.2, 0.89N:0.05, 28.25W:0.05, h17km, n946, ±1539/31, mb5.4/243, MS5.1/247, 44C-31D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RCBR Riachuelo, RCBR Riachuelo, RCBR Riachuelo, etc.

16d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SAML, ITAB, CPUP, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PGAV, GO01, CZSB, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CESX, CKGRV, UPI, etc.

16d 8h

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like AAM, MUKU, KOLS, etc.

2018 OCT

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like HFS, ANTO, ANTO, etc.

1028

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like T35A, T35A, OK052, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SMAI San Martin Ant, BELA Belgrano 2, MAJ0 Matsushiro, etc.

16d 10h 26:26.4.3.7, 53.88N-87.36E, h0km, mbtmp2.9,2km, ML2.5/2, Error ellipse: s-maj=34.9km s-min=19.8km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H04S2 CROZET ISLANDS, H04S3 CROZET ISLANDS, H04S1 CROZET ISLANDS, etc.

16d 10h 09:42.7.0.8, 21.63S; 169.82E, h0km, mb4.0/10, mbtmp4.0/11, ML3.6/1, MS3.7/4, Error ellipse: s-maj=28.2km s-min=23.0km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 16 10:21:22.0.1.5, 24.83N; 121.40E, h0km, mb3.5/3, etc.

16d 10h 16:19:21.45.9.25, 47.24N; 122.56E, h260km, ML4.2, D JMA 16 10:21:47.9.25, 47.24N; 122.56E, h239km, 3km, etc.

16d 10h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LXIB, ETM, JKRS, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SGLT, MASBT, EAST, etc.

ISC 16:20:10.2±1.0, 48.76N, 0°06'18.06E±0:05, h10km, n6, a04549, Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JAVC, VYHS, MODS, etc.

IDC 16:20:19.75±0.7, 21°68'S, 169°36'E, h0km, mb4.3/15, mbmp4.3/16, ML3.8/1, MS3.7/7, Error ellipse: s-maj=21.9km s-min=17.8km az=134.0

NEIC 16:20:19.75±1.1, 9.21°66'S, 0°05'16.93E±0:08, h10km, 1km, mb4.9/79, Error ellipse: s-maj=13.5km s-min=4.9km az=119.0

NOU 16:20:21.0, 21.71'S, 169°12'E, h0km, MLv4.5/34, Southeast of Loyalty Islands

ISC 16:20:19.5±0.4, 21°33'S, 0°06'16.94E±0:06, h25km, n168, a202157, mb4.9/66, MS3.9/8, 5C-1D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MARNC, PINNC, JIFNC, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MEEK, KLBR, NWAQ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GMN, J05D, KVN, KVN, WCT, WCT, TPB, BLYC, BLYC, etc.

PRE 16 10:30:50.8, 1.3, 2.4186S, 27.30E, h10km, ML2.1
BUL 16 10:30:57.9, 2.9, 2.4187S, 27.18E, h10km, MD2.9
BGSI 16 10:30:58.9, 2.3, 2.4175S, 27.29E, h0km, 4.1km, ML2.5

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

MATP 10:32:57.2 -3.1 S
MATP Matopo 4.41 12 I P
MATP 10:32:57.2 -3.1 S
BLWY Bulawayo 4.71 13 I P
BLWY 10:32:04.4 -4.5 S
BLWY Bulawayo 4.71 13 I P
BLWY 10:33:04.4 -4.5 S

IDC 16 10:33:37.8, 0.6, 4.63N, 32.64W, h0km, mb4.2/16,
mbmp4.2/18, ML3.6/2, MS4.0/6, Error ellipse:
s-maj=19.2km s-min=14.5km az=141.0

NEIC 16 10:33:40.4, 1.4, 4.64N, 0.09, 32.56W, 0.09, h10km, 1km,
mb4.7/98, Error ellipse: s-maj=17.2km s-min=13.5km
az=131.0

GCMT 16 10:33:42.4, 0.3, 4.68N, 0.03, 32.55W, 0.01, h17km,
MW4.9/117, Moment Tensor Solution, s40, c45;
s117, c162; Duration: 0 Moment tensor: Scale 1016Nm;
Mn=2.85t, 14; Mw=0.47t, 09; Mo=2.38t, 09; Mw=0.71t, 32;
Mw=0.06t, 06; Mw=0.44t, 21; Best double couple:
M2: 72300x1016 NP1: 168.00000, 651.00000,
lambda=75.00000, NP2: 168.00000, 641.00000,
lambda=107.00000. Principal axes: T 2.4160, P1g5, 0.0000;
Az=90.0000; N 0.6100, P1g1, 0.0000; Az=181.0000; P
-3.0310, P1g7, 0.0000, Az=338.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=40s. Triangular moment-rate function

ISC 16 10:33:39.8, 0.4, 4.61N, 0.07, 32.61W, 0.07, h11km, n167,
o895/106, mb4.7/61, MS4.0/62, SC, Central Mid-Atlantic
Ridge

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

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

16d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNOW, FLWY, MOOV, TMUT, TPWA, IMW, JLU, SNA, SNA, SNA, HWUT, MSU, MWU, DUG, DLMT, BGUM, TROLL, CCUT, OVMT, BELG, SPR3, PRN, SHPR, ELK, ELK, ELK, YKA, BELA, BELA, WCT, NVAR, G06A, J04A, ABTO, YKHO, PGC, WSAR, BVAR, QSPA, QSPA, QSPA, MAW, CMA, MA2, ELIB, PMSA, N15K, TROLL, SNA, SNA, SNA, SNA, VNA3, VNA2, Q02D, BRDH, VNA1, YAK, SONM, DSP, NVAR, NV11, J05D, KVN, PINE, PINE, GNNW, ILAR, G08A, ARCES, FINES, AKASA, NOB2, NOA, PHRA.

IDC 16 10:50:24.1+0.6, 21.59S; 169.78E, h0km, mb4.4/15, mbtm4.4/16, ML4.4/1, MS4.0/24, Error ellipse: s-maj=2.15km s-min=17.2km az=118.0

NEIC 16 10:50:26.7+2.0, 21.72S; 0.09; 169.77E; h10km, 1fkm, mb4.7/34, Error ellipse: s-maj=14.7km s-min=13.8km az=178.0

NOU 16 10:50:26.5, 21.63S; 169.57E, h0km, mb5.4/12, Southeast of Loyalty Islands

ISC 16 10:50:27.6+0.4, 21.65S; 0.07; 169.74E; h0.05, h21km, n169, 0.91/161, mb4.6/36, MS4.0/20, SC-4D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MARNC, PINNC, LIFNC, YATNC, OUCNC, DZM, DZM, DZM, DZM, ONTNC, NOBNC, KOUNC, KOUNC, VLVAF, MSVFC, FURU, URZ, CTAR, CTAT, PING, COEN, STKA, RAR, MANU, WRO, WBO, ASAR, ASAR, ASAR, WRO, WBO, PHRA.

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Table with columns: WRAB, WRA, WRA, TBI, MTN, PPT2, PPT2, PPT2, KNRA, FITZ, FITZ, GUMO, NWAO, TAOE, TAOE, RKT, DAV, TOLIZ, SBA, SBUM, JGF, MJM, MJM, MJAR, MAJO, MAJO, MJB3, JUNU, JSD, QSPA, QSPA, ASAJ, KSRS, RPN, USRK, USRK, USRK, PETK, PETK, PETK, MAW, MAW, CMA, CMA, MA2, ELIB, PMSA, N15K, TROLL, SNA, SNA, SNA, SNA, VNA3, VNA2, Q02D, BRDH, VNA1, YAK, SONM, DSP, NVAR, NV11, J05D, KVN, PINE, PINE, GNNW, ILAR, G08A, ARCES, FINES, AKASA, NOB2, NOA, PHRA.

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Table with columns: VYHS, DPC, FLTG, PVCC, BRG, BRG, BRG, CLL, CLL, CLL, CLL, MODS, RETH, PRU, HSKO, NEUB, CLZ, EKA, ESK, PLN, GTTG, MOX, RONA, IBBN, CONA, IDI, KMK, KHC, KHC, ROTZ, GEC2, GEC2, GERES, UBBA, WET, ARSA, KASTH, FNA, GRF, SOKA, TNS, RJOB, KBA, LESA, BTNL, MYKA, PRED, ABTA, WATA, WTTA, BMRD, MOTA, SQTA, WLF, WLF, UBR, BFO, FETA, DAVA, ECH, TEOL, TUE, ZCCA, SENIN, BANI, CART, MESJ, MESJ, DBIC, TORO, TORO.

IDC 16 11:05:48.0+0.7, 32.63N; 90.08E, h0km, mb4.1/10, mbtm4.0/13, ML3.4/2, MS3.5/7, Error ellipse: s-maj=33.4km s-min=15.1km az=62.0

NEIC 16 11:05:49.7+1.6, 32.58N; 0.08; 90.12E; h10km, 1fkm, mb4.4/22, Error ellipse: s-maj=14.2km s-min=5.4km az=202.0

ISC 16 11:05:49.8+0.4, 32.76N; 0.06; 90.10E; h0.08, h10km, n81, 0.91/178, mb4.5/25, MS3.6/4, Xizang

Table with columns: LSA, SHI, WUS, TARG, NIL, MK1P, MK1P, MKAR, MAKZ, MAKZ, XAN, AAK, AAK, AAK, CHTO, CMAR, CMAR, ENH, ENH, SLVN, SLVN, PHRA.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H22K, J19K, I20K, L18K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H17K, E22K, G30M, K15K, L15K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like IMW, FXWY, MOOW, AFEM, PD31, PDAR, etc.

IDC 16:11:26:07.1,1,21:85S;169:81E,h0km,mb4.0/6, mbmp4.07,ML3.9/1,MS3.5/10,Error ellipse: s-maj=34.2km s-min=28.7km az=9.0

16d 12h

NEIC 16 11:26:08.2.1.3.21.9S:0.2:169:81E:0.09,h10km,1km, mb4.3/7, Error ellipse: s-maj=29.1km s-min=12.1km az=341.0

NOU 16 11:26:15.3.21.96S:169:19E,h0km,MLV4.0/9,Southeast of Loyalty Islands

ISC 16 11:26:08.0.0.7.21.78S:0.09:169:76E:0.08,h10km,n44, e1502/38,mb4.3/13,MS3.6B,4C-1D,Southeast of Loyalty Islands

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

IDC 16 11:35:38.8.2.3.0.97N:127:15E,h0km,mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=176.7km s-min=28.4km az=66.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC 16 11:35:38.8.2.3.0.97N event.

IDC 16 11:44:11.8:293.0.5470N:42:64E,h0km, Error ellipse: s-maj=124.7km s-min=87.6km az=66.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC 16 11:44:11.8:293.0.5470N event.

IDC 16 12:00:13.8.0.7.58:145:25:69W,h0km,mb4.2/6, mbtmp4.2/7,ML4.0/1,MS3.3/1, Error ellipse: s-maj=29.6km s-min=21.5km az=72.0

NEIC 16 12:00:22.1.0.7.58:28S:0.05:25:7W:0.2, h5.7km,6km, mb4.6/19, Error ellipse: s-maj=18.4km s-min=3.9km az=69.0

ISC 16 12:20:20.6.0.5.58:22S:0.09:25:63W:0.10,h49km,n85, e051/73,mb4.4/14,8C-2D,South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the ISC 16 12:20:20.6.0.5.58:22S event.

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Main table listing seismic events with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes events like SNA, TROLL, PMSA, etc.

1038

MOS 16 12:50:26.7.1.1.35:42S:104:14W,h10km,mb5.1/28, Error ellipse: s-maj=11.6km s-min=8.7km az=90.4

NEIC 16 12:50:28.8.1.5.35:44S:109:104:12W:0.10,h10km,1km, mb5.0/270,Mmw5.3/16, Error ellipse: s-maj=16.0km s-min=12.2km az=34.0

NEIC 16 12:50:29.35:54S:104:08W,h26km Moment Tensor Solution. Duration: 1s9 Moment tensor: Scale 107Nm; Mr=0.15; Mw=0.25; Ms=0.39; M=0.21; Mw=0.95; Mw=0.22

NEIC 16 12:50:29.35:74S:104:08W,h26km Moment Tensor Solution. Duration: 1s9 Moment tensor: Scale 107Nm; Mr=0.15; Mw=0.25; Ms=0.39; M=0.21; Mw=0.95; Mw=0.22

NEIC 16 12:50:29.35:74S:104:08W,h26km Moment Tensor Solution. Duration: 1s9 Moment tensor: Scale 107Nm; Mr=0.15; Mw=0.25; Ms=0.39; M=0.21; Mw=0.95; Mw=0.22

NEIC 16 12:50:29.35:74S:104:08W,h26km Moment Tensor Solution. Duration: 1s9 Moment tensor: Scale 107Nm; Mr=0.15; Mw=0.25; Ms=0.39; M=0.21; Mw=0.95; Mw=0.22

NEIC 16 12:50:27.6.0.3.35:48S:06:104:18W:0.05,h10km, n468,e104/416,mb5.0/146,MS4.4/0,13C-5D,Southeast of Easter Island

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

16d 13h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 16d 13h band.

2018 OCT

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 2018 OCT band.

1040

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 1040 band.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MWZ Matawai, URZ Urewera, Te Karaka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, AAK Ala-Archa, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VA05 Santo Domingo, MT05 Rencá, CO06 Fray Jorge, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 16 14:05:20.9, 3.1, 6.05S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKTO Akyubinsk, JNU Nakatsue, BELG Belgomoye, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MT04 Ro Olivares, MT08 Bocatoma R, MT13 San Alfonso, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNC 16 14:10:22.3, 8.2, 37.61N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEST Nestorio, FNA Florina, PENT Pentatofos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOME 16 15:05:39.6, 43.28N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFAD 16 14:22:44.3, 0.38, 71N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NYDR Nydri-Lefkada, LKD2 Lefkada island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TKM2 Tokmak 2, KST Kasteik, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VANB Van, TVAN Van, ADCV BITLIS Adilcev, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MARNC Mare, Loyalty, PINC Pines Island, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Old Crow, Salcha River, Porcupine Dome, etc.

SJA 16 15:35:45.6±0.6, 23°04'S; 66°54'W, h246km, 7km, ML3.5, MW3.6

GUC 16 15:35:48.4±0.5, 23°09'S; 66°95'W, h254km, 6km, ML3.4

ISC 16 15:35:46.1±2.2, 23°07'S; 66°59'W, 0.07, h230km, 18km, n19, c19, i171/33, 1C, Jujuy Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Yavi, San Lorenzo, Limon Verde, etc.

ISN 16 15:37:07.8±0.5, 34°69'N; 45°73'E, h10km, 19km, ML3.1

TEH 16 15:37:08.2±0.4, 34°69'N; 45°74'E, h10km, 20km, ML2.9

ISC 16 15:37:08.4±1.2, 34°59'N; 04°45'74E, 0.04, h6km, 12km, n10, c074/15, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Ghasr-e-Shirin, Gharah, etc.

NOU 16 15:48:12.4±21.94S; 170°00'E, h0km, MLV3.8/7, Southeast of Loyalty Islands, Southeast of Loyalty Islands

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

ISC 16 15:55:04.2±0.7, 21°88'S; 169°64'E, h0km, mb4.0/10, mbmp4.0/11, ML3.3/1, MS3.0/4, Error ellipse: s-maj=23.3km s-min=22.3km az=162.0

NEIC 16 15:55:07.2±1.1, 22°15'S; 01°169.55E±0.9, h10km, 1km, mb4.6/17, Error ellipse: s-maj=19.6km s-min=14.6km az=6.0

NOU 16 15:55:07.1, 21°68'S; 169°46'E, h0km, MLV4.2/21, Southeast of Loyalty Islands

ISC 16 15:55:08.7±0.5, 21°88S±0.07; 169°59E±0.07, h25km, n80, c19, i160/80, mb4.5/20, 5C-1D, Southeast of Loyalty Islands

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

ISC 16 16:01:51.4±0.8, 21°75'S; 169°68'E, h0km, mb3.8/9, mbmp3.8/10, ML3.3/1, Error ellipse: s-maj=27.8km s-min=24.9km az=132.0

ISC 16 16:01:55.4±0.7, 21°83S±0.2; 169°61E±0.1, h25km, n27, c065/23, mb4.0/11, 4C, Southeast of Loyalty Islands

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

ISC 16 16:01:51.4±0.8, 21°75'S; 169°68'E, h0km, mb3.8/9, mbmp3.8/10, ML3.3/1, Error ellipse: s-maj=27.8km s-min=24.9km az=132.0

ISC 16 16:01:55.4±0.7, 21°83S±0.2; 169°61E±0.1, h25km, n27, c065/23, mb4.0/11, 4C, Southeast of Loyalty Islands

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

ISC 16 16:03:28.0±1.4, 38°76'N; 89°43'E, h0km, mb3.8/4, mbmp3.7/9, ML3.0/5, Error ellipse: s-maj=35.8km s-min=23.1km az=55.0

NNC 16 16:03:34.5±3.6, 39°16'N; 88°94'E, h0km, mb4.1, mpv4.0, Error ellipse: s-maj=35.5km s-min=26.6km az=51.0

NEIC 16 16:03:39.8±0.9, 39°11'N; 01°188.7E±0.2, h15km, 6km, mb4.4/3, Error ellipse: s-maj=23.6km s-min=11.8km az=60.0

ISC 16 16:03:30.1±1.1, 39°00'N; 189°41'E±0.10, h10km, n24, c042/25, mb4.0/5, 4C-4D, Southern Xinjiang

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

ISC 16 16:10:40.6±3.0, 28°31'S; 69°22'W, h88km, 25km, mb3.3/4, mbmp3.7/8, Error ellipse: s-maj=37.6km s-min=18.5km

SJA 16 16:10:40.9±0.7, 28°32'S; 69°21'W, h120km, 4km, ML3.5, MW3.5

GUC 16 16:10:42.0±0.7, 28°44'S; 69°31'W, h90km, 8km, ML3.8

ISC 16 16:10:42.1±0.7, 28°32S±0.03; 69°22W±0.03, h110km, 7km, n50, c1947/83, mb3.5/4, Chile-Argentina border region

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

ISC 16 16:10:40.6±3.0, 28°31'S; 69°22'W, h88km, 25km, mb3.3/4, mbmp3.7/8, Error ellipse: s-maj=37.6km s-min=18.5km

SJA 16 16:10:40.9±0.7, 28°32'S; 69°21'W, h120km, 4km, ML3.5, MW3.5

GUC 16 16:10:42.0±0.7, 28°44'S; 69°31'W, h90km, 8km, ML3.8

ISC 16 16:10:42.1±0.7, 28°32S±0.03; 69°22W±0.03, h110km, 7km, n50, c1947/83, mb3.5/4, Chile-Argentina border region

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

ISC 16 16:10:40.6±3.0, 28°31'S; 69°22'W, h88km, 25km, mb3.3/4, mbmp3.7/8, Error ellipse: s-maj=37.6km s-min=18.5km

SJA 16 16:10:40.9±0.7, 28°32'S; 69°21'W, h120km, 4km, ML3.5, MW3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mina Casimiro, Las Campanas, Llanos de Chal, etc.

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

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

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

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

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

Table of astronomical observations for 1045, listing stations like CPUP, BDFB, LPAZ, and various object names such as Villa Florida, Brasilia, La Paz, etc.

Table of astronomical observations for 2018 OCT, listing stations like KBL, GNI, DBIC, SIMJ, MAW, KBZ, BKH, BKH, VAE, KEST, etc.

Table of astronomical observations for 16d 16h, listing stations like WRA, WB2, WRAB, WB0, SMAI, SMAI, STKA, etc.

16d 16h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like F24K Squaw Lake, G26K Porcupine River, F28M Old Crow, etc.

2018 OCT

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like I23K comp=E,211nm,1.1s, I23K comp=N,218nm,1.3s, D19K Kuna River, etc.

1046

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like G16K Koyuk River, S16K Sawmill, L20K Farewell, etc.

NEIC 16 16:46:00.8, 0.45, 85N, 0.02, -111.38W, 0.03, h5km, 1km, ML3, 3/58, ML3.5/32(BUT), Error ellipse: s-maj=3.1km s-min=3.0km az=287.0
IDC 16 16:46:01.1, 1.4, 45.80N, 111.62W, h0km, mtbtp3.1/5, ML3.9/2, Error ellipse: s-maj=18.0km s-min=7.8km az=52.0
BUT 16 16:46:01.0, 0.5, 45.86N, 0.02, -111.36W, 0.03, h5km, 4km, Error ellipse: s-maj=2.8km s-min=2.5km az=96.0
ISC 16 16:46:00.9, 1.0, 45.86N, 0.03, -111.38W, 0.03, h12km, 7km, n65, r122/60, Montana

16d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Dagmar, Bozeman (W), Divide, Kaye Shedlock, Eggleton, Dillon, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R11B, ECR, PRN, U15A, U15A, U15A, etc.

1048

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I43RU, I31KZ, I46RU, KUA, RATU, KOVU, LANU, etc.

16d 18h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Status. Includes stations like M27K Edge Creek, GRNC Granite Creek, J16K Anvik River, etc.

2018 OCT

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Status. Includes stations like E18K Jukpahleirik C, F15K North Star Dit, O30N Mendenhall, etc.

1050

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Status. Includes stations like SYI comp=N,1j,m,0.5s, SYI comp=E,943nm,0.3s, SYI Shuyak Island, etc.

Table with columns: SML, Sawmill, 2.92 50 Pn, Pn, 18 55 52.9 -0.9, RIDG, Independent Ri, 5.39 42, Pn, 18 56 26.3 -0.4, etc.

Table with columns: RIDG, Independent Ri, 5.39 42, Pn, 18 56 26.3 -0.4, M26K, Nabesna, AK, 5.42 59, Pn, 18 56 26.5 -0.5, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, ISC, h, m, s, ISC, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like QSPA South Pole Qui, MAW Mawson, BELA Belgrano 2, etc.

IDC 16 19:06:15.1+1.1, 1.99S; 119.78E, h0km, mb3.9/9, mbtmp3.9/9, MS3.2/4, Error ellipse: s-maj=64.9km s-min=18.9km az=59.0

NEIC 16 19:06:15.7+2.2, 1.55S; 0.03x120.26E:0.06, h10km, 1km, mb4.4/20, Error ellipse: s-maj=9.8km s-min=4.2km az=253.0

DJA 16 19:06:18.2+0.3, 2.3S; 12.0E, h10km, M4.6/14, mb4.8/4, mb4.8/2, MLv4.5/14, MW(mB)4.1/2

ISC 16 19:06:15.8+0.5, 1.57S; 0.05x120.30E:0.05, h10km, n52, +185.4/39, mb4.2/17, MS3.3/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like APSI Ampapa, SPSI Sidrap Palu, LUWI Luwuk, etc.

IDC 16 19:12:58.4+9.7, 23.26S; 179.87W, h496km, 90km, mb3.1/5,

mbtmp4.0/6, Error ellipse: s-maj=82.7km s-min=21.1km az=43.0

NEIC 16 19:13:01.8+0.9, 23.5S; 0.2x179.9W:0.2, h53km, 21km, mb4.1/12, Error ellipse: s-maj=37.3km s-min=22.3km az=202.0

ISC 16 19:13:01.8+0.7, 23.5S; 0.1x179.9W:0.1, h53km, n25, +192/25, mb3.9/10, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like MSVF Nonsavu, NIUE Niue, URZ Urewera, etc.

IDC 16 19:27:18.5+1.1, 33.08S; 108.91W, h0km, mb3.9/2, mbtmp3.9/2, MS3.5/2, Error ellipse: s-maj=100.2km s-min=36.6km az=77.0

ISC 16 19:27:19.6+1.1, 33.2S; 0.3x108.9W:0.6, h10km, n20, +144.9/4, mb4.4/4, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like RPN Rapa Nui, H03S2 Juan Fernandez, H03S3 Juan Fernandez, etc.

IDC 16 19:38:33.5+6.0, 30.27S; 177.96W, h49km, 43km, mb3.7/3, mbtmp4.0/3, Error ellipse: s-maj=79.3km s-min=34.4km az=130.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like RAO Raoul Island, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 16 19:41:28.9+0.7, 33.15S; 109.14W, h0km, mb4.1/7, mbtmp4.1/7, MS3.8/13, Error ellipse: s-maj=34.0km s-min=20.7km az=78.0

NEIC 16 19:41:31.4+1.5, 33.0S; 0.1x108.2W:0.2, h10km, 1km, mb4.5/35, Error ellipse: s-maj=29.8km s-min=7.0km az=124.0

ISC 16 19:41:30.9+0.6, 33.0S; 0.1x108.2W:0.2, h10km, n75, +079/52, mb4.5/27, MS3.8/13, SC, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like RPN Rapa Nui, H03S2 Juan Fernandez, H03S3 Juan Fernandez, etc.

IDC 16 19:47:33.2+2.4, 15.00S; 178.12W, h429km, 31km, mb3.1/4, mbtmp3.9/5, Error ellipse: s-maj=132.4km s-min=21.7km az=150.0

ISC 16 19:47:33.6+2.0, 15.4S; 0.6x177.9W:0.5, h450km, n9, +0541/9, mb3.6/4, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like H03N3 Juan Fernandez, H03N1 Juan Fernandez, PLCA Paso Flores, etc.

IDC 16 19:47:33.2+2.4, 15.00S; 178.12W, h429km, 31km, mb3.1/4, mbtmp3.9/5, Error ellipse: s-maj=132.4km s-min=21.7km az=150.0

ISC 16 19:47:33.6+2.0, 15.4S; 0.6x177.9W:0.5, h450km, n9, +0541/9, mb3.6/4, Fiji Islands

1053

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ASAR Alice Springs, NVAR Mina Array, ILAR Eielson Array, etc.

NNC 16 20:00:43.3:2.9, 40.71N:79.05E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=18.8km, s-min=17.9km az=158.0

Main table for 1053 containing station names, coordinates, and various data points. Includes stations like TARAG, PRZ, KDJ, SATY, etc.

NEIC 16 20:02:41.3:1.5, 18.09N:0.06E:121.05E:0.06, h10km:1km, mb4.8/118, Error ellipse: s-maj=11.8km s-min=7.2km az=222.0

DJA 16 20:02:46.8:0.4, 18.1N:2.12E:121.1E:1.1, h41km:6km, M5.0/27, mb4.9/27, mB5.4/7, MLV5.2/4, Mw(mB)4.8/7, MwMwp5.8/2, Mwp5.8/2

IDC 16 20:02:47.4:0.4, 18.06N:0.13E:121.13E, h61km:37km, mb4.1/28, mdtmp4.4/29, ML4.2/1, MSL4.0/46, Error ellipse: s-maj=18.9km s-min=10.4km az=73.0

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

2018 OCT

Main table for 2018 OCT containing station names, coordinates, and various data points. Includes stations like TPUB Ta-pu, YULB Yu-li, etc.

16d 20h

Main table for 16d 20h containing station names, coordinates, and various data points. Includes stations like HNS, STKI, KSAR, etc.

ISC 16:20:21.42:5.0,8,37:0s:0.1:96:4W:0.1, h10km, n88,
c1500/50, mb4.4/24, MS4.1/32, 3C, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, etc.

PDAR Pinedale Array 80.29 350 P P 20 33 54.5 +0.9
comp=Z,1.0nm,0.6s,baz=139,slow=7.0,SNR=6.4

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like HLID Halley, YBH Yreka Blue Hor, DZM Mont Dzumac, etc.

IDC 16:20:23:55.2,2.0,1.44N:123:36E, h0km, mb3.3/4,
mbmp3.3/4, MS3.1/1, Error ellipse: s-maj=493.5km
s-min=23.6km az=63.0

DJA 16:20:23:55.7,0.3,1.1S:2:12:0E, h10km, M3.8/10,
MLV3.8/10

ISC 16:20:23:55.1,1.0,1.32S:0:06:120:11E:0:07, h10km, n14,
r132:13, mb3.4/4, Sulawesi

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like APSI Ampaña, MPMSI Mapaga, MRSI Marisa, etc.

IDC 16:20:39:39.2,2.2,2.29:46N:87:97E, h0km, mb3.4/4,
mbmp3.3/6, ML3.4/1, MS3.1/2, Error ellipse: s-maj=75.8km
s-min=23.3km az=70.0

ISC 16:20:39:44.3,2.0,2.29:50N:0:28:00E:0.4, h35km, n7, c081/6,
mb3.4/4, Xizang

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Quien Z, MKAR Makanchi Array, etc.

NOU 16:20:52:57.0,2.1:57S:170:11E, h0km, MLV4.0/7, Southeast of Loyalty Islands

IDC 16:20:53:05.1,4.4,20:76S:169:17E, h0km, mb3.6/2,
mbmp3.5/3, ML3.1/1, Error ellipse: s-maj=182.2km
s-min=29.6km az=145.0

ISC 16:20:53:04.8,1.8,2.1:6S:0:33:169.7E:0.2, h21km, n11,
c036:12, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

IDC 16:21:11:53.0,1.3,2.5:87N:128:35E, h0km, mb3.8/11,
mbmp3.8/12, ML3.4/1, MS3.2, Error ellipse:
s-maj=58.8km s-min=19.2km az=70.0

NEIC 16:21:11:53.1,2.1,2.5:82N:0:05:128:44E:0.0, h10km, 1km,
mb4.3/8, Error ellipse: s-maj=9.1km s-min=7.3km
az=241.0

JMA 16:21:11:56.0,0.4,2.6:N:1:12:8E:1, h47km, MV3.3/17,
NEAR OKINAWAJIMA ISLAND

ISC 16:21:11:52.8,1.8,2.5:86N:0:04:128:46E:0.0, h8km, 11km,
n52, c135:63, mb4.0/14, Ryukyu Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like JTT3 Tamagusuku3, JNT3 Nagatoyohara, etc.

JKE Tokunoshima 1.97 13 P eS Sn 21 12 39.4 +2.3

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like JTK Tokunoshima, JAMN Amaminishikomi, etc.

TPUB Ta-pu 7.57 252 P Pn 21 14 32.8 -0.8

SHL Shilling 32.89 278 P P 21 18 25.8 -2.1

YAK Yakutsk 36.17 1 LR LR 21 36 05.7

MK31 Makanchi Array 41.94 312 P Iamb Iamb 21 19 43.5 -0.6

ZALV Zalesovo Benm 42.67 323 P P 21 19 49.8 -0.1

KURBB Kurchatov Arra 45.27 317 P P 21 20 11.0 +0.3

WRA Warramunga Arr 45.89 172 P P 21 20 16.8 +0.8

ASAR Alice Springs 49.52 173 P P 21 20 46.1 +2.0

BVAR Borovoye Array 50.69 318 P P 21 20 53.6 +0.8

EIDS Eidsvold 55.42 155 P P 21 21 26.7 -1.2

ABKAR Abkulaq array 57.05 313 P P 21 21 40.1 +0.8

ARTI Arti 57.91 322 P Iamb Iamb 21 21 45.6 +0.4

AKTO Aktyubinsk 58.24 315 LR LR 21 50 42.6

J20K Novitara River 61.57 29 P Iamb Iamb 21 22 13.9 +1.5

KBZ Khabaz 69.56 310 P P 21 23 04.3 +2.0

FINES FINESSE Array 73.29 331 P P 21 23 24.8 +0.3

AKASE Malin Array Be 75.95 320 P P 21 23 40.6 +0.4

BRTR Keskin Array B 77.43 308 P P 21 23 50.7 +1.8

IDC 16:21:23:36.3,0.5,0.5:6S:144:36E, h84km, 31km, mb3.8/12,
mbmp4.1/14, MS3.3/3, Error ellipse: s-maj=27.7km
s-min=11.8km az=101.0

NEIC 16:21:23:35.2,2.1,5.0:1S:0:09:144:2E:0.1, h90km, 10km,
mb4.6/22, Error ellipse: s-maj=15.6km s-min=11.2km
az=118.0

DJA 16:21:23:38.9,0.9,5.6:14:4E:1.0, h10km, M4.6/9,
mb4.5/9, MLV4.7/2, MWp5.0/1, Mwpp5.3/1

ISC 16:21:23:34.0,0.5,5.0:8S:0:06:144:28E:0.0, h82km, n55,
c176:55, mb4.4/20, 1D, New Guinea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC. Includes stations like MANU Manus Island, JAY Jayapura, etc.

AAI Ambon 17.10 274 P P 21 16 18.6 +1.2

WBO Warramunga Arr 16.49 213 P P 21 16 31.8 -0.9

WRA Warramunga Arr 17.67 212 P P 21 16 33.2 -1.5

SRA Samar 18.50 279 P S 21 19 38.7 -1.3

WNI Warramunga Arr 18.41 213 P P 21 16 47.6 +2.6

KNRA Kununurra 18.53 234 P P 21 16 42.5 -1.7

GUMO Guam 18.55 2 LR LR 21 24 06.2

SOEI Soe 20.38 256 P Iamb Iamb 21 17 02.3 -2.2

AS31 Alice Springs 21.02 207 P P 21 17 12.3 +1.2

CMAR Chiang Mai Arr 50.44 299 P P 21 21 24.3 +0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDOK, TNSS, TNS, MTBS, KST, KRBS, ASAR, MKAR.

IDC 16 22:14:27.1-14.0, 6.71S, 129.45E, h170km, mb3.9/5, mb3.2/1, mbtmp3.7/4, ML3.5/3, Error ellipse: s-maj=106.9km s-min=55.8km az=38.0, Banda Sea

IDC 16 22:21:02.8-2.2, 60.98S, 166.00E, h0km, mb3.9/5, mbtmp3.9/5, MS3.4/8, Error ellipse: s-maj=86.0km s-min=21.9km az=74.0

ISC 16 22:21:04.0-0.0, 61.0S, 166.16E, h0.5, h10km, n26, o=60/12, mb4.0/8, MS3.4/8, 5C, South of New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ, GSPA, STKA, MAW, H01W1, H01W2, H01W3, NWA0, ASAR, WRA, TROLL, SNA, VNA3, VNA2, VNA1, FITZ, H03S2, H03S1, H03S3, DAV, H08S2, H08S1, H08S3, CMAR, TORD.

SSNC 16 22:33:45.2-1.8, 20.18N, 72.86W, h11km, 15km, MD3.2, ML2.7, MW2.6

SDD 16 22:33:48.3-2.4, 20.05N, 73.07W, h80km, 54km, MD3.4, ML3.0, MW3.0

ISC 16 22:33:44.8-2.2, 20.12N, 72.95W, h20km, 10km, n18, o=150/32, 7C, Haiti region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MASC, PAPH, SNA, MOOV, TORD, QMBU.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QMBU, LUOR, LUDR, SDDR, MOAC, GATBY, GRTK, PINC, MARVS, YAR, YARP, CHIV, HATOM, MIDR, RSSD, K2A, N23A, LAO, PD31, PDAR, RLMT, OGNE, YNE, YMP, LOHW, H17A, H17A, FLWY, MOOV, O20A, ULM.

NEIC 16 22:34:33.1-1.3, 43.64N, 103.103W, h0km, 1km, ML2.9/29, Error ellipse: s-maj=14.0km s-min=3.6km az=74.0

IDC 16 22:34:35.8-1.9, 43.91N, 105.77W, h0km, mbtmp3.2/2, ML2.9/29, Error ellipse: s-maj=55.4km s-min=11.0km az=150.0

ISC 16 22:34:33.1-1.2, 43.59N, 107.105W, h0km, n18, o=150/17, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RSSD, K2A, N23A, LAO, PD31, PDAR, RLMT, OGNE, YNE, YMP, LOHW, H17A, H17A, FLWY, MOOV, O20A, ULM.

NEIC 16 22:36:54.4-0.5, 55.8S, 101.27W, h0.3, h97km, 9km, mb4.3/8, Error ellipse: s-maj=23.4km s-min=17.0km az=45.0

IDC 16 22:36:58.1-8.2, 55.89S, 27.95W, h135km, 77km, mb3.8/5, mbtmp4.3/6, Error ellipse: s-maj=32.4km s-min=22.7km az=68.0

ISC 16 22:36:54.4-0.6, 55.8S, 101.27W, h0.1, h100km, n27, o=85/27, mb4.2/7, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOPE, VNA1, VNA3, VNA2, SNA, SNA, SNA, TROLL, BELA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLTB, GSPA, MAW, G001, LPAZ, BOAV, DBIC, TORD, G31M, H29M, G29M, ILAR, BONM, BPAW.

MOS 16 22:38:18.2-1.4, 44.53N, 147.27E, h118km, mb3.8/2, Error ellipse: s-maj=20.5km s-min=12.5km az=50.6

SKHL 16 22:38:19.2-0.1, 44.30N, 147.50E, h107km, 2km, mb5.1/4, msh45.8/3

JMA 16 22:38:19.5-0.4, 44.1N, 147.70E, h100km, MV4.0/34, NEAR ETOROFU ISLAND

IDC 16 22:38:19.2-0.4, 44.58N, 147.16E, h122km, 20km, mb3.4/8, mbtmp3.8/10, Error ellipse: s-maj=29.1km s-min=17.9km az=154.0

ISC 16 22:38:18.7-0.8, 44.34N, 147.44E, h110km, 6km, n49, o=119/55, MS3.6/8, 1C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHO, KUR, YUK, NEM2, JRA, JNSB, JKHJ, JNSK, JWK2, YSS, JEW, SKR, SKR, USRK, SONM, H11N2, H11N3, H11S1.

16d 23h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND, H1S2 WAKE ISLAND, ILAR Eielson Array, etc.

NNC 16:22:38.20.8.2.3, 37.92N, 171.29E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=17.8km s-min=14.6km az=10.0

IDC 16:22:38.27.4.4.9, 37.95N, 172.18E, h75km, 4.3km, mb3.5/9, mbtpp=3.8/15, ML3.3/6, Error ellipse: s-maj=45.2km s-min=32.7km az=1.37.0

ISC 16:22:38.22.0.1.3, 37.9C, 171.62E, 0.09, h10km, n19, az=14/25, mb3.7/9, 4C-5D, Afghanistan-Tajikistan border region

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK 19nm,0.8s, AAK 28nm,1.3s, etc.

WEL 16:22:43.38.9.0.6, 34.1S, 5.17W, 1.1, h33km, M4.6/37, mlt=1.25, ML5.3/40, MLV5.0/37, Mw(mb)4.5/25, Error ellipse: s-maj=15.4km s-min=4.0km az=113.1, confirmed

NEIC 16:22:43.41.3.2.6, 34.3S, 0.1, 1.78W, 0.1, h10km, km, mb4.7/21, Error ellipse: s-maj=20.8km s-min=17.1km az=56.0

IDC 16:22:43.45.1.2.7, 34.11S, 178.85W, h46km, 2.2km, mb4.2/6, mbtpp=4.6/8, ML4.3/2, MS3.8/12, Error ellipse: s-maj=19.5km s-min=17.4km az=13.0

ISC 16:22:43.42.6.0.6, 34.07S, 0.06, 178.54W, 0.08, h37km, n140, az=163/147, mb4.7/17, MS3.8/11, 5C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, PKGZ Pakihiroa, HAZ Te Kaha, etc.

2018 OCT

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like RAGZ Arawapu, RAGZ Rimuhau, RIGZ RIGZ, etc.

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

UPA 16:23:24.27.4.2.6, 7.41N, 81.10W, h5km, 5km, MD4.0, MW4.2, 3C-6D, Panama

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CACAO El Cacao, Vera, MARI3 Mariato, Vera, etc.

IDC 16:23:28.02.9.4.0, 57.82S, 142.49W, h0km, mb3.8/3, mbtpp=3.8/3, MS3.9/20, Error ellipse: s-maj=141.2km s-min=37.8km az=39.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, URZA Urewera, PMSA Palmer Station, etc.

IDC 1700:57:38.0±2.5, 11.58S; 166.39E, h13km, 14km, mb4.9/21, mtbpd4.9/23, ML3.6/2, MS5.0/4, Error ellipse: s-maj=18.4km s-min=13.2km az=109.0
 MOS 1700:57:37.7±1.0, 11.53S; 166.24E, h14km, mb5.5/46, MS5.2/1, Error ellipse: s-maj=9.2km s-min=7.2km az=122.6
 BUJ 1700:57:41.0, 11.50S; 166.30E, h30km, mb5.4/88, mb5.7/68, MS5.3/89, MS7.5/190
 NEIC 1700:57:43.5, 11.61S; 166.33E, h40km
 NEIC 1700:57:43.5, 11.61S; 166.32E, h40km, Moment Tensor Solution: Duration: 197 Moment tensor: Scale 1017Nm; S:3.66; M:0.00; N:3.66; M:0.40; M:1.10; M:0.15; Fault plane solution: M3.83000±0.107 NP1: 0±158.82000°, 84.7.16000°, 182.15000°. NP2: 0±350.28000°, 84.3.41000°, 198.38000°. Principal axes: T 3.7015, Plg84.0000°, Azm2.0000°; N 0.2656, Plg6.0000°, Azm164.0000°; P -3.9670, Plg2.0000°, Azm254.0000°;
 NEIC 1700:57:43.6±2.4, 11.61S; 0.08±166.32E; 0.09, h35km, 1km, mb5.6/274, Ms 20.5/748, Mw5.6/44, Mw5.7/39 Error ellipse: s-maj=14.6km s-min=12.6km az=67.0, Moment Tensor Solution. Moment tensor: Scale 1017Nm; M:4.05; M:1.19; M:2.86; M:0.16; M:0.38; M:0.44; Fault plane solution: M3.83000±0.107 NP1: 0±166.88000°, 84.8.00000°, 189.00000°. NP2: 0±348.30000°, 84.1.21000°, 191.07000°. Principal axes: T 4.0780, Plg86.0000°, Azm67.0000°; N -1.1085, Plg1.0000°, Azm167.0000°; P -2.9695, Plg4.0000°, Azm258.0000°;
 IPGP 1700:57:44.0, 11.61S; 166.25E, h32km, Mw5.9, Fault plane solution: NP1: 0±331.00000°, 84.7.00000°, 186.00000°. NP2: 0±157.00000°, 84.3.00000°, 194.00000°;
 NEIC 1700:57:44, 11.63S; 166.26E, h35km
 GCMT 1700:57:45.6±0.1, 11.67S; 0.01±166.00E; 0.01, h43km, Mw5.7/157, Moment Tensor Solution: s157.6332; s149.6287; Moment tensor: Scale 1017 Nm; M:4.48; M:0.4; M:1.0; M:0.16; M:0.3; M:0.4; M:0.3; M:0.2; M:0.9; M:0.7; M:0.3; Best double couple couple: M4.51500±0.107 NP1: 0±165.00000°, 84.6.00000°, 187.00000°. NP2: 0±350.50000°, 84.4.00000°, 193.00000°. Principal axes: T 4.4890, Plg88.0000°, Azm15.0000°; N 0.0540, Plg2.0000°, Azm167.0000°; P -4.5400, Plg1.0000°, Azm257.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 1700:57:48.9, 11.69S; 165.91E, h61km, ML5.6/131, Santa Cruz Islands
 ISC 1700:57:43.8±0.2, 11.63S; 0.03±166.25E; 0.03, h44km, 1km, h44km; p-P-N157, r154/927, mb5.6/264, MS5.4/443, 39C-10D, Santa Cruz Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
VLAKA	Lakatoro	4.59	166	Op	ISC	h m s ISC
DVP	Devils Point	6.34	163	Pn	Pn	00 58 53 +3.0
HNR	Honiara	6.57	289	Pn	Pn	00 59 21.0 +6.2
HNR	Honiara	6.57	289	Pn	Pn	00 59 19.6 +1.7
HNR	Honiara	6.57	289	LR	LR	01 02 11.6
HNR	Honiara	6.57	289	Pn	Pn	00 59 19.6 +1.7
KOUNC	Koumac, New Ca	9.07	192	Pn	Pn	00 59 53.8 +1.5
KOUNC	Koumac, New Ca	9.07	192	Pn	Pn	00 59 54.2 +2.1
DZM	Mont Dzumac	10.38	179	ePn	Pn	01 00 11.0 +0.7
DZM	Mont Dzumac			eSn	Sn	01 02 06.1 +0.7
DZM	Mont Dzumac			eLR	LR	01 02 30.0
DZM	Mont Dzumac	10.38	179	Pn	Pn	01 00 11.7 +1.5
DZM	Mont Dzumac	10.38	179	Pn	Pn	01 00 12.6 +2.3
DZM	Mont Dzumac	10.38	179	Pn	Pn	01 00 08.8 -1.4
DZM	Mont Dzumac	3.5mm, 0.3s, baz=14, slow=20, SNR=23		Sn	Sn	01 02 00.8 -4.6
DZM	Mont Dzumac	baz=88, slow=20		LR	LR	01 02 58.7
YATNC	Mamie plateau,	10.39	177	P	Pn	01 00 13.6 +3.4
NOUC	Port Laguerre	10.41	180	P	Pn	01 00 14.5 +3.9
ONTNC	Ouen Toro	10.62	179	Pn	Pn	01 00 15.2 +1.8
ONTNC	Ouen Toro	10.62	179	Pn	Pn	01 00 18.0 +4.6
OUENC	Ouen Island, N	10.74	177	Pn	Pn	01 00 19.8 +4.7
PINNC	Pines Island,	10.98	174	Pn	Pn	01 00 19.2 +0.9
MSVFN	Nonsavu	12.93	119	Pn	Pn	01 00 48.5 +3.4
MSVFN	Nonsavu	12.93	119	Pn	Pn	01 00 50.2 -4.5
MSVFN	Nonsavu	1.0mm, 0.3s, baz=273, slow=5.5, SNR=82		LR	LR	01 04 45.9
MSVFN	Nonsavu	comp=Z,23um,20.0s, baz=312, slow=33		LR	LR	
MSVFN	Nonsavu	12.93	119	ePn	Pn	01 00 48.8 +3.8
TARA	Tarawa	14.51	28	Ph	Pn	01 01 07.0 +0.5
FUTU	Fugatoga	15.48	102	P	P	01 01 29.4 +6.5
RABL	Rabaul	15.79	279	Iamb	Iamb	01 01 25.8 +0.4
RABL	Rabaul			Iamb	Iamb	01 01 30.8
KAVG	Kavieng	17.75	299	P	P	01 01 50.3 +2.1
GID15	Gladstone Soft	18.70	275	P	Pn	01 02 11.0 +0.7
PMG	Port Moresby	18.90	275	P	Pn	01 02 02.0 +0.2
PMG	Port Moresby	18.90	275	P	Pn	01 02 02.2 +0.4
PMG	Port Moresby	18.90	275	P	Pn	01 02 00.4 -0.5
PMG	Port Moresby	18.90	275	P	Pn	01 02 01.5 -0.3
PMG	Port Moresby	comp=Z,1.3nm,0.3s, baz=92, slow=10, SNR=11		LR	LR	01 08 58.1
PMG	Port Moresby	comp=Z,8um,19.0s, baz=90, slow=36		LR	LR	
PMG	Port Moresby	comp=Z,22nm,0.7s		Pn	Pn	01 02 03.2 +1.4
PMG	Port Moresby	comp=Z,121nm,1.7s		pmx	pmx	
PMG	Port Moresby	comp=Z,121nm,1.7s		MLR	MLR	
EIDS	Eidsvold	19.81	224	P	Pn	01 02 13.1 +0.6
EIDS	Eidsvold	19.81	224	P	Pn	01 02 13.7 +1.1
EIDS	Eidsvold	comp=Z,0.0nmcomp=Z,150nm,1.2s		Pn	Pn	01 02 13.3 +0.7
EIDS	Eidsvold	19.81	224	P	Pn	01 02 12.8 +0.3
PATS	Pohnpei	19.97	336	P	P	01 02 13.1 +0.5
PATS	Pohnpei	comp=Z,0.0nmcomp=Z,150nm,1.2s		P	P	01 02 13.1 +0.5
PATS	Pohnpei	19.97	336	P	Pn	01 02 14.2 -0.3
TVIH	Travisville Har	20.21	246	P	Pn	01 02 17.0 -0.4
GCIS	Gold Coast 1 S	20.32	214	P	Pn	01 02 19.5 +1.0
TWH	Toowoomba 1 Ha	20.74	218	P	Pn	01 02 23.9 +0.3
LHI	Lord Howe Isla	20.88	197	Iamb	Iamb	01 02 23.8 -1.3
LHI	Lord Howe Isla	comp=Z,270nm,1.1s		Iamb	Iamb	01 02 27.8
CTA	Charters Tower	20.97	244	LR	LR	01 09 32.0
CTA	Charters Tower	comp=Z,690nm,20.3s, baz=72, slow=34		LR	LR	
CTA	Charters Tower	20.97	244	Iamb	Iamb	01 02 25.4 -1.0
CTA	Charters Tower	20.97	244	Iamb	Iamb	01 02 42.6
CTA	Charters Tower	comp=Z,615nm,1.6s		MLR	MLR	
CTA	Charters Tower	20.97	244	P	Pn	01 02 25.1 -1.3
CTA	Charters Tower	20.97	244	P	Pn	01 02 25.4 -1.0
CTA	Charters Tower	comp=Z,615nm,1.6s		pmx	pmx	
CTA	Charters Tower	20.97	244	MLR	MLR	
MANU	Manus Island	21.01	296	P	Iamb	01 02 25.6 +1.8
MANU	Manus Island			Iamb	Iamb	01 02 42.9
AFI	Afiamalau	21.55	98	P	Iamb	01 02 29.0 -0.7
AFI	Afiamalau	comp=Z,537nm,1.3s		Iamb	Iamb	01 02 46.2
AFI	Afiamalau	21.55	98	P	P	01 02 38.7 +9.0
AFI	Afiamalau	21.55	98	P	P	01 02 29.0 -0.7
AFI	Afiamalau	comp=Z,235nm,1.1s		pmx	pmx	
AFI	Afiamalau	comp=Z,235nm,1.1s		MLR	MLR	
MTSU	Mount Surprise	22.15	250	P	P	01 02 37.7 +1.6
MTSU	Mount Surprise	comp=Z,108nm,1.1s		P	P	01 02 38.3 +2.2
COEN	Coen	22.62	262	P	P	01 02 42.1 +1.0
COEN	Coen	22.62	262	Iamb	Iamb	01 02 58.7
COEN	Coen	comp=Z,362nm,1.4s		P	P	01 02 42.6 +1.5
COEN	Coen	22.62	262	P	P	01 02 42.3 +1.2
COEN	Coen	comp=Z,0.0nmcomp=Z,139nm,1.0s		LR	LR	01 09 51.5
RAO	Raoul Island	22.92	142	LR	LR	01 09 51.5
ARMA	Armidade	23.10	214	P	P	01 02 47.2 +1.1
ARMA	Armidade	23.10	214	P	P	01 02 47.2 +1.1

ARMA	Armidade	23.10	214	P	P	01 02 47.2 +1.1
NTLH	Newcastle Hard	25.03	210	P	P	01 03 07.1 +3.3
QLP	Quilpie	25.51	231	P	P	01 03 08.8 +0.5
QLP	Quilpie	comp=Z,0.0nmcomp=Z,150nm,1.2s		P	P	01 03 10.1 +1.8
TABU	Tabubil	25.53	282	P	P	01 03 09.3 +0.6
MGCD	Mangrove Creek	25.57	210	P	P	01 03 10.0 +1.2
MGCD	Mangrove Creek	comp=Z,213nm,1.1s		P	P	01 03 10.7 +1.9
RIV	Riverview	26.05	210	P	P	01 03 13.1 +0.1
RIV	Riverview	comp=Z,365nm,1.4s		P	P	01 03 14.9 +1.8
SYDH	Sydney Hard Ro	26.20	210	P	P	01 03 16.1 +1.7
JAY	Jayapura	26.85	288	P	P	01 03 20.5 +0.5
QIS	Qidong	27.06	247	P	P	01 03 23.0 +0.6
QIS	Qidong	comp=Z,52nm,1.2s		P	P	01 03 22.4 0.0
TOZ	Tahuroa Road	27.28	264	P	P	01 03 24.3 +0.2
GENI	Genyem	27.37	287	P	P	01 03 25.9 +0.7
CMSA	Cobar Meteorol	27.43	221	P	P	01 03 26.2 +0.6
CMSA	Cobar Meteorol	comp=Z,172nm,1.3s		P	P	01 03 26.7 +1.1
YNG	Young	27.82	213	P	P	01 03 30.4 +1.3
YNG	Young	comp=Z,379nm,1.4s		P	P	01 03 30.4 +1.3
YNG	Young	27.82	213	P	P	01 03 30.8 +1.7
CNB	Canberra Magne	28.12	210	P	P	01 03 30.3 +1.2
CNB	Canberra Magne	comp=Z,0.0nmcomp=Z,166nm,1.2s		P	P	01 03 33.6 +1.6
CNB	Canberra Magne	28.12	210	P	P	01 03 33.3 +1.8
URZ	Urewera	28.24	162	P	LR	01 03 05.5
URZ	Urewera	comp=Z,1um,21.8s, baz=56, slow=33		LR	LR	
URZ	Urewera	28.24	162	P	P	01 03 32.5 -0.2
CAN	Canberra	28.30	211	P	P	01 03 33.8 +0.4
CAN	Canberra	comp=Z,0.0nmcomp=Z,166nm,1.2s		P	P	01 03 34.4 +1.0
CAN	Canberra	28.30	211	P	P	01 03 34.8 +1.4
CAN	Canberra	28.30	211	P	P	01 03 33.8 +0.4
CAN	Canberra			pmx	pmx	
MWZ	Matawa	28.44	161	P	P	01 03 34.2 -0.3
RTZ	Ruatahuna	28.53	162	P	P	01 03 35.3 0.0
WTZ	West Tongariro	28.61	165	P	P	01 03 37.5 +1.4
NGZ	Ngauruhoe	28.67	165	P	P	01 03 37.8 +1.2
OTZ	Otutere	28.67	165	P	P	01 03 38.8 +0.1
COVZ	Chateau Observ	28.67	165	P	P	01 03 38.2 +1.5
SNVZ	South Ngauruhoe	28.67	165	P	P	01 03 38.7 +1.8
MTZH	Maungataniwha	28.71	163	P	P	01 03 37.4 +0.5
INKA	Innamaki	28.77	232	P	P	01 03 38.5 +0.9
SNZG	Shannon Statio	28.79	162	P	P	01 03 37.2 -0.4
CNGZ	Carnagh Statio	28.79	162	P	P	01 03 38.0 +0.4
WNVZ	Wahanga	28.81	165	P	P	01 03 39.4 +1.5
BKZ	Black Stump Fm	28.90	163	P	P	01 03 39.4 +0.8
BKZ	Black Stump Fm	28.90	163	P	P	01 03 38.0 -0.6
MOVZ	Moawhanga	28.92	165	P	P	01 03 38.6 -0.3
KWZH	Kawaka Forest	29.12	164	P	P	01 03 40.3 -0.3
KHRZ	Kerikeri	29.31	164	P	P	01 03 41.4 -0.8
H1S2	WAKE ISLAND Hy	29.93	1	T	T	01 04 13.3
H1S3	WAKE ISLAND Hy	29.94	1	T	T	01 04 08.4
H1S1	WAKE ISLAND Hy	29.95	1	T	T	01 04 18.8
MRNZ	Matariki Terra	30.20	170	P	P	01 03 48.8 -1.3
BFZ	Birch Farm	30.25	165	IAMS_20	IAMS_20	01 14 50.3
BFZ	Birch Farm	comp=Z,8um,21.0s		IAMS_20	IAMS_20	
STKA	Stevens Creek	30.36	225	P		

17d Oh

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Rows include stations like E18K Tukpahleirik C, E18K Tukpahleirik C, ZAK Zakamensk, etc.

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Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Rows include stations like ORV Oroville, ORV Oroville, I02E Swisshome, etc.

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Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Rows include stations like M29M Somme Creek, NLWA Neilton Lookou, F04D Rainier OR, etc.

17d Oh

Table with columns for ID, Name, Date, and various performance metrics. Includes entries like OK038 West end E0370, FW03 Perrin-Whitt, R32A Long Quarter, etc.

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Table with columns for ID, Name, Date, and various performance metrics. Includes entries like 352A Blakely, X51A Calhoun, 049A Covington, etc.

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Table with columns for ID, Name, Date, and various performance metrics. Includes entries like MNK comp=E,513nm,23.0s, KIBK Kibwezi, SAML Samuel, etc.

17d 1h

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Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like FORT Forrest, PPT2 Papeete2, MAJOR Matsushiro Arr, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like MJAR Matsushiro Arr, MAJO Matsushiro, JMM Marumori, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like BJT Baijiatuu, BJT Chiang Mai Arr, BELA Belgrano 2, etc.

ORV	Oroville	88.52	46	P	P	01 35 59.8	-1.1
ORV	comp=Z,25nm,1.4s						
CMB	Columbia Hills	88.53	48	I	Amb	01 36 09.2	
CMB	comp=Z,2.8nm,1.2s						
AFM	Forest Hills C	88.58	47	I	Amb	01 36 09.3	
ISA	Isabella, Lake	88.75	51	I	Amb	01 36 10.5	
ISA	comp=Z,16nm,1.1s						
YBH	Yreka Blue Hor	88.83	44	LR	LR	02 06 46.5	
YBH	comp=Z,432nm,1.2s						
ULN	Ulanbaatar	89.13	323	P	P	01 36 03.1	-0.7
ULN	Ulanbaatar	89.13	323	P	P	01 36 03.1	-0.7
ULN	comp=Z,14nm,1.2s						
GTA	Goatli	89.15	313	eP	P	01 36 03.8	-0.2
GTA	comp=Z,2.1nm,1.0s						
GTA	Hat Creek Radi	89.18	45	P	P	01 36 05.5	+1.5
HATC	HATC	89.18	45	P	I	01 36 12.6	
PFO	Pinyon Flats O	89.29	53	P	P	01 36 06.4	+1.6
PFO	comp=Z,26nm,1.6s						
PFO	Pinyon Flats O	89.29	53	LR	LR	02 09 10.2	
PFO	comp=Z,459nm,19.2s						
PFO	Pinyon Flats O	89.29	53	eP	P	01 36 03.7	-1.1
PFO	comp=Z,4.0nm,1.1s						
L04D	Klamath Falls	89.33	44	I	Amb	01 36 13.0	
L04D	comp=Z,2.2nm,0.5s						
YAK	Yakutsk	89.39	342	P	P	01 36 02.9	-1.5
YAK	comp=Z,22nm,0.5s						
YAK	Yakutsk	89.39	342	eP	P	01 36 00.0	-4.4
YAK	comp=Z,21nm,1.2s						
YAK	comp=N,10.0nm,1.5s						
WAKR	Walker	89.42	48	I	Amb	01 36 14.0	
WAKR	comp=Z,18nm,1.1s						
SONM	Songino Array	89.48	323	P	P	01 36 03.7	-1.7
SONM	comp=Z,6.8nm,1.0s						
SONM	comp=Z,3.6nm,1.1s						
SONM	comp=Z,2.8nm,1.0s						
BILL	Bilibino	89.58	359	P	I	01 36 05.8	+0.6
BILL	comp=Z,50nm,1.1s						
BILL	Bilibino	89.58	359	eP	P	01 36 06.0	+0.9
BILL	comp=Z,19nm,1.1s						
PNTR	Pine Nut	89.58	47	P	P	01 36 05.6	-0.6
DSP	Deep Springs	89.91	49	I	Amb	01 36 15.9	
DSP	comp=Z,20nm,1.1s						
LHV	Little Hootoon	89.94	48	I	Amb	01 36 16.2	
LHV	comp=Z,28nm,1.3s						
LPIG	La Paz	90.14	64	LR	LR	02 06 52.9	
LPIG	comp=Z,960nm,21.9s						
GRAC	Grapevine Rang	90.16	50	P	I	01 36 07.5	-1.2
GRAC	comp=Z,36nm,1.4s						
NVAR	Minna Array Bea	90.16	48	P	P	01 36 07.0	-1.9
NVAR	comp=Z,2.8nm,0.6s						
F03A	Seaside	90.46	40	I	Amb	01 36 18.7	
F03A	comp=Z,16nm,0.9s						
J05D	Fort Rock, OR	90.55	43	I	Amb	01 36 19.4	
J05D	comp=Z,22nm,1.0s						
WCT	Wildcat Mounta	90.60	50	I	Amb	01 36 19.0	
WCT	comp=Z,18nm,1.2s						
H04A	Detroit Lake	90.66	41	P	I	01 36 09.3	-1.5
H04A	comp=Z,13nm,1.0s						
BLVC	Blythe	90.80	54	I	Amb	01 36 20.1	
BLVC	comp=Z,15nm,1.1s						
TPNV	Topop Spring	90.94	50	I	Amb	01 36 20.7	
TPNV	comp=Z,15nm,1.1s						
NLWA	Neilton Lookou	91.04	39	P	P	01 36 11.5	-1.0
F04A	Amboy	91.15	40	I	Amb	01 36 21.5	
F04A	comp=Z,12nm,0.9s						
GOMU	GeErMu	91.17	309	P	P	01 36 14.4	+0.6
GOMU	comp=Z,12nm,0.9s						
BBB	Bella Bella	91.36	33	LR	LR	02 09 45.6	
BBB	comp=Z,27nm,19.4s						
PALK	Pallekele	91.71	277	LR	LR	02 20 03.5	
PALK	comp=Z,661nm,18.9s						
PALK	Pallekele	91.71	277	eP	P	01 36 16.7	+0.3
PALK	comp=Z,18nm,1.3s						
WVOR	Wild Horse Val	91.81	45	P	P	01 36 17.9	+1.6
WVOR	comp=Z,10.0nm,1.0s						
WVOR	Wild Horse Val	91.81	45	P	P	01 36 17.9	+1.6
WVOR	comp=Z,10.0nm,1.0s						
PRN	Pahroc Range	92.00	50	I	Amb	01 36 25.9	
PRN	comp=Z,16nm,1.1s						
M27K	Edge Creek, AK	92.21	20	I	Amb	01 36 25.0	
M27K	comp=Z,26nm,1.2s						
COLA	College Spring	92.33	17	P	P	01 36 18.3	+0.3
COLA	comp=Z,15nm,1.0s						
ILAR	Eielson Array	92.51	17	LR	LR	02 14 17.2	
ILAR	comp=Z,349nm,18.7s						
SKAG	Skagway	92.58	25	P	P	01 36 25.4	+0.0
ZAK	Zakamensk	92.58	324	eP	P	01 36 18.4	-1.2
ZAK	comp=Z,38nm,1.3s						
Q12A	Willow Creek R	92.86	49	I	Amb	01 36 30.2	
Q12A	comp=Z,21nm,1.5s						
TUC	Tucson	93.05	57	P	P	01 36 21.0	-1.2
TUC	comp=Z,21nm,1.5s						
TUC	Tucson	93.05	57	P	P	01 36 21.0	-1.2
TUC	comp=Z,21nm,1.5s						
SPR3	Spring Creek 3	93.20	49	I	Amb	01 36 29.0	
SPR3	comp=Z,22nm,1.3s						
K27K	Chick	93.35	19	I	Amb	01 36 30.4	
K27K	comp=Z,43nm,1.3s						
X16A	Lo Mia Camp, P	93.40	54	P	I	01 36 22.4	-1.6
X16A	comp=Z,247nm,20.4s						
KNB	Kanab	93.44	52	I	Amb	01 36 32.6	
KNB	comp=Z,17nm,1.4s						
DLBC	Dease Lake	94.09	27	LR	LR	02 10 05.9	
DLBC	comp=Z,446nm,21.9s						
MOY	Monday	94.47	324	eP	P	01 36 27.2	-1.2
MOY	comp=Z,37nm,1.8s						
K29M	Barlow Dome	94.67	21	I	Amb	01 36 36.8	
K29M	comp=Z,17nm,1.1s						
NEW	Newport	95.44	40	LR	LR	02 12 27.5	
NEW	comp=Z,247nm,20.4s						
ANMO	Albuquerque	97.39	55	P	P	02 12 15.3	
ANMO	comp=Z,226nm,20.3s						
TXAR	Lajitas Array	97.61	62	P	P	01 36 41.5	-1.7
TXAR	comp=Z,0.2nm,0.8s						
TXAR	comp=Z,0.3nm,0.6s						
TXAR	comp=Z,496nm,19.3s						
TXAR	comp=Z,0.2nm,0.8s						
PDAR	Pinedale Array	98.02	47	P	P	01 36 44.7	-0.2
PDAR	comp=Z,0.4nm,0.6s						
PDAR	comp=Z,0.1nm,0.4s						
PDAR	comp=Z,0.2nm,0.7s						
PDAR	comp=Z,119nm,18.8s						
WMQ	Urumiqi	99.24	313	eP	P	01 36 49.1	-1.0
WMQ	comp=Z,35nm,0.9s						
WMQ	comp=Z,190nm,24.2s						
YKA	Yellowknife Ar	102.71	27	P	P	01 37 02.6	-2.4
YKA	comp=Z,1.8nm,0.6s						
YKA	comp=Z,0.3nm,0.4s						
MKAR	Cluj-Napoca	142.97	320	PP	P	01 41 27.4	-0.3
MKAR	comp=Z,0.7nm,0.6s						

MKAR	Cluj-Napoca	142.97	320	PP	P	01 41 27.4	-0.3
MKAR	comp=Z,0.7nm,0.6s						
ZALV	Zalesovo Beam	104.37	323	P	P	01 37 11.3	-1.2
ZALV	comp=Z,2.0nm,0.3s						
ZALV	comp=Z,3.5nm,1.0s						
KURBB	Kurchatov Arra	107.22	318	P	P	01 37 23.6	-1.7
KURBB	comp=Z,0.1nm,0.4s						
KURBB	comp=Z,0.3nm,0.5s						
LPAZ	La Paz	111.89	119	PP	P	01 52 34.3	-2.6
LPAZ	comp=Z,0.8nm,0.3s						
RES	Resolute Bay	112.26	17	PKP	PKP	01 41 40.7	-2.4
RES	comp=Z,1.2nm,0.8s						
BVAR	Borovoye Array	112.61	320	PKP	PKP	01 41 42.6	-1.8
BVAR	comp=Z,2.1nm,0.5s						
BRVJ	Borovoye	112.68	320	PKP	PKP	01 41 45.5	+1.0
BRVJ	comp=Z,2.1nm,0.5s						
IRSS	Mnazif	119.39	287	PKP	PKP	01 41 56.0	-1.7
IRSS	comp=Z,2.1nm,0.5s						
ARTI	Arti	119.61	321	PKP	PKP	01 41 56.0	-1.7
ARTI	comp=Z,2.1nm,0.5s						
NEEM	North Greenland	120.92	10	P	P	01 41 57.3	-2.8
NEEM	comp=Z,2.5nm,0.5s						
SPITS	Spitsbergen Ar	122.14	354	PKP	PKP	01 42 00.2	-1.9
SPITS	comp=Z,2.5nm,0.5s						
MREMI	Moremi	122.58	222	P	P	01 42 04.5	-0.2
MREMI	comp=Z,2.5nm,0.5s						
SKOMA	Sekoma	123.21	218	P	P	01 42 05.3	-0.6
SKOMA	comp=Z,2.5nm,0.5s						
KDWAN	Kaudwane	123.62	219	P	P	01 42 06.9	+0.1
KDWAN	comp=Z,2.5nm,0.5s						
BROLN	Thalagang	123.72	223	P	P	01 42 06.9	+1.1
BROLN	comp=Z,2.5nm,0.5s						
DAG	Danmags Havn	124.75	27	P	P	01 42 04.0	-3.1
DAG	comp=Z,2.5nm,0.5s						
KGCAE	Kaogae	125.49	218	P	P	01 42 10.2	-0.1
KGCAE	comp=Z,2.5nm,0.5s						
CKGRV	CKGRV	125.70	220	P	P	01 42 10.0	0.0
CKGRV	comp=Z,2.5nm,0.5s						
KOOLE	Kule	126.49	216	P	P	01 42 12.2	-0.1
KOOLE	comp=Z,2.5nm,0.5s						
SUMG	Summit	126.76	10	P	P	01 42 10.0	-1.6
SUMG	comp=Z,2.5nm,0.5s						
DGSG	Dansborg	127.16	9	P	P	01 42 09.1	-2.7
DGSG	comp=Z,2.5nm,0.5s						
BOAV	Boa Vista	127.58	104	PKP	PKP	01 42 12.4	-1.9
BOAV	comp=Z,2.5nm,0.5s						
BDFB	Brasilia	127.58	132	PKP	PKP	01 42 12.8	-1.7
BDFB	comp=Z,2.5nm,0.5s						
ARCES	ARCES Array B	127.60	345	PKP	PKP	01 42 10.9	-1.9
ARCES	comp=Z,2.5nm,0.5s						
HUMP	Col San Antoni	127.91	84	PKP	PKP	01 42 13.4	-1.4
HUMP	comp=Z,2.5nm,0.5s						
KMBO	Kilima Mbogo	128.30	250	PKP	PKP	01 42 14.7	-1.4
KMBO	comp=Z,2.1nm,0.6s						
KMBO	Kilima Mbogo	128.30	250	PKP	PKP	01 42 17.0	+1.0
KMBO	comp=Z,2.1nm,0.6s						
RAYN	Ar Rayn	128.72	283	PKP	PKP	01 42 15.3	-1.0
RAYN	comp=Z,2.1nm,0.6s						
JOYF	Ar Rayn	128.72	283	PKP	PKP	01 42 15.3	-1.0
JOYF	comp=Z,2.1nm,0.6s						
JOYF	Joensuu	130.22	337	eP	P	01 42 17.5	-0.3
JOYF	comp=Z,2.1nm,0.6s						
VRH	Novokhopovskij	130.26	319	ePKP	PKP	01 42 11.7	-6.6
VRH	comp=Z,2.0nm,0.9s						
KBZ	Khabaz	131.10	310	PKP	PKP	01 42 18.0	-2.1
KBZ	comp=Z,1.2nm,0.8s						
KBZ	Khabaz	131.10	310	PKP	PKP		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SLES, BBLs, WET, RUDO, HAPS, KASTN, IVA, KOGS, PLE, MOA, GRF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, ASAR, WRA, PETK, CMAR, SONM, NVAR, ILAR, ARCES, EKA, RONA, CONA, GERS, LESA, ABTA, WTTA, META, ROTA, SQT, FETA, DAVA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YUK6, YUK6, P33M, P33M, P33M, etc.

IDC 17 01:28:57.5, 2.2, 21.97S, 169.97E, h0km, mb3.9/7, mbmp3.9/8, ML3.5/1, Error ellipse: s-maj=92.4km s-min=26.0km az=158.0

IDC 17 01:29:01.2, 1.7, 21.9S, 0.5, 169.8E, 0.2, h25km, m21, 0.959Z/22, mb4.0/7, Southeast of Loyalty Islands

IDC 17 02:01:44.0, 0.19, 0.335S, 136.37W, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=652.4km s-min=40.5km az=37.0, Mid-Indian Ridge

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like H04S3, H04S2, H08S2, etc.

AEIC 17 02:04:39.9, 1.9, 69.03N, 0.02:146:16W, 0.03, h12km, 4km, ML3.6, ML3.7, 134(NEIC), Error ellipse: s-maj=3.0km s-min=1.7km az=173.0

IDC 17 02:04:40.3, 0.9, 69.08N, 146:15W, h0km, mb3.8/8, mbmp3.8/13, ML3.5, MS4.5/1, Error ellipse: s-maj=17.2km s-min=13.9km az=63.0

NEIC 17 02:04:40.4, 1.8, 69.01N, 0.02:146:10W, 0.05, h10km, 1km, Error ellipse: s-maj=4.3km s-min=2.8km az=347.0

ISC 17 02:04:40.8, 1.2, 69.05N, 0.03:146:14W, 0.02, h4km, 8km, n282, 0.91/293, mb3.9/8, Northern Alaska

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like D25K, C26K, H24K, etc.

Main table of station data with columns: Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like E28M, F28M, G23K, etc.

Main table of station data with columns: Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like D19K, MLY, E19K, etc.

17d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Paxson, Castle Rocks, Log Cabin Wild, Honhosa River, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MASc, MASC, QMBU, PAPH, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like AGPR, PRSN, CRPR, etc.

Technical notes and corrections for the station data, including coordinates and error margins.

Technical notes and corrections for the station data, including coordinates and error margins.

17d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ERTA, EXTPC, EMUR, etc.

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

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

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like MAZARICOS, Signal de Mont, Avril sur Loir, La Plagne, Roselend, Saint-Saulge, etc.

IDC 17 02:58:49.9-0.8, 25.92N; 128.49E, h0km, mb4.1/18, mbmp4.1/20, ML3.7/2, MS3.2/7, Error ellipse: s-maj=25.6km s-min=16.3km az=79.0

JMA 17 02:58:54.8-0.3, 26.18N; 128.41E, h48km, MB4.1/19, MV3.6/19, NEAR OKINAWAJIMA ISLAND

NIED 17 02:58:54.8, 25.96N; 128.41E, h48km, MV4.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^15N/m; Mn:2.99; Mw:-0.26; Mw:-2.73; Mo:0.33; Mw:-1.76; Mo:0.61

NEIC 17 02:58:54.3-1.8, 25.95N; 128.43E; 0.07 h18km, 5km, mb4.8/27 Error ellipse: s-maj=9.9km s-min=9.2km az=68.0

MOS 17 02:58:55.3-1.3, 26.08N; 128.28E, h33km, mb4.7/19, Error ellipse: s-maj=11.76km s-min=9.3km az=101.7

ISC 17 02:58:52.6-3.0, 25.87N; 128.51E; 0.04, h16km, 18km, n110, i192/112, mb4.5/42, MS3.3/4, 4C-3D, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like TAMAGUSUKU3, Nagatoyohara, Kunigami, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like YHNB, YULB, SSSLB, JNU, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like FINES, AKASO, AKASG, etc.

AUST 17 03:10:22.4+0.7, 34.52S; 121.77E, h3km, 2km, ML1.4/5, Error ellipse: s-maj=3.3km s-min=3.5km az=13.1

Western Australia

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like LM01, LM03, LM04, etc.

JMA 17 03:13:24.7-0.4, 26.12N; 127.96E, h48km, MV3.1/15, NEAR OKINAWAJIMA ISLAND

IDC 17 03:13:27.3-3.5, 26.16N; 127.56E, h0km, mb3.8/8, mbmp3.8/27, MS2.8/1, Error ellipse: s-maj=223.3km s-min=19.3km az=66.0

ISC 17 03:13:20.9-1.7, 25.86N; 128.69E; 0.04, h2km, 11km, n22, i198/27, mb3.8/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like JTT3, JNT3, JYR0, etc.

17d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TAMANARASSET, ARCES ARCES Array B, MBAR Mbarara, EKA Eskdalemuir Ar, etc.

JMA 17 03:20:04.7-0.4, 26.1N, 112.8E, h44km, MV3.0/14, NEAR OKINAWA/JIMA ISLAND

ISC 17 03:20:04.6-0.9, 25.91N, 128.49E, 0.04, h27km, n18, 1542/26, mb3.8/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like J3T3 Tamagusuku3, J3T4 Nagotoyohara, etc.

ISC 17 03:39:13.6-0.7, 43.42S, 15.90W, h0km, mb4.0/9, mbmp4.0/9, MS3.5/1, Error ellipse: s-maj=25.7km s-min=20.5km az=76.0

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

IDC 17 03:43:57.2-0.8, 43.60S, 16.15W, h0km, mb4.1/7, mbmp4.1/7, Error ellipse: s-maj=35.3km s-min=20.9km az=81.0

NEIC 17 03:44:00.6-1.8, 43.6S, 0.1x16.2W, 0.2, h10km, y1km, mb4.5/11, Error ellipse: s-maj=26.4km s-min=20.1km az=68.0

ISC 17 03:43:59.1-0.5, 43.61S, 16.1W, 0.1, h10km, n40, 076/40, mb4.2/14, 3C, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, VNA3 Neumayer-Olymp, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, ESK Eskdalemuir, PV05 Paradox Valley, etc.

SOF 17 03:55:08.4, 44.76N, 0.01x26.99E, 0.01, h9km, 2km, M2/6/4

BUC 17 03:55:09.0-0.2, 44.76N, 27.04E, h9km, 1km, m2.6/36, Error ellipse: s-maj=1.3km s-min=1.0km az=55.0

ISC 17 03:55:09.8-0.9, 44.76N, 0.01x27.06E, 0.02, h13km, gkm, n47, 0/60/88, 44C-26, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AMRR Amara, ISRR Istrita, HARR Harsova, etc.

FUNV 17 03:55:23.6, 10.29N, 62.61W, h15km, MW3.4

ISC 17 03:55:21.1-1.8, 10.0N, 0.2x62.63W, 0.07, h10km, n7, 1569/11, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRN Trinidad (W), TRN, CUMV Cumana, UDO, etc.

ISC 17 03:56:31.2-0.7, 43.67S, 16.02W, h0km, mb4.4/9, mbmp4.4/9, Error ellipse: s-maj=24.7km s-min=20.2km az=58.0

NEIC 17 03:56:34.9-1.2, 43.7S, 0.1x16.32W, 0.09, h10km, y1km, mb4.8/15, Error ellipse: s-maj=24.5km s-min=10.7km az=12.0

ISC 17 03:56:33.0-0.5, 43.64S, 16.2W, 0.1, h10km, n36, 1519/35, mb4.4/20, 5C, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ORCD Orcadas, VNA1 Neumayer-Stat, etc.

17d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMTG, ESPN, PSBE, PMRV, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DWPF, SABO, CIMO, STAL, etc.

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

M31M	Drury Creek, Y	140.15	320	P	PKPdf	04 16 53.2	+1.0
SKAG	Skagway	140.46	315	P	PKPdf	04 16 54.2	+1.4
SOMN	Songino Array	140.58	63	PKP	PKPdf	04 16 52.8	-0.8
BTO	Baotou	140.66	75	ePKP	LR	04 16 51.9	-2.0
BTO	comp-Z,590nm,17.7s			LR	LR		
BTO	comp-Z,610nm,18.7s			LR	LR		
BTO	comp-Z,970nm,23.2s			LR	LR		
G30M	Aoh Zhai Nji	140.78	327	P	PKPdf	04 16 54.7	+1.5
N31M	Braeburn, Yuko	140.78	319	P	PKPdf	04 16 54.3	+0.9
S31K	Pelican	140.80	313	P	PKPdf	04 16 54.3	+0.9
O30N	Mendenhall	140.91	317	P	PKPdf	04 16 53.8	+0.2
I30M	Mount Dempster	140.98	325	P	PKPdf	04 16 53.5	-0.3
PLBC	Pleasant Camp	140.98	315	P	PKPdf	04 16 53.7	0.0
J30M	Hart River	141.00	324	P	PKPdf	04 16 53.9	+0.1
ULN	Ulanbaatar	141.01	63	IAMS_20	IAMS_20	05 19 26.5	
EPYK	Eagle Plains	141.03	326	P	PKPdf	04 16 54.1	+0.3
E29M	Blow River	141.23	330	P	PKPdf	04 16 55.1	+1.1
M30M	Minto, Yukon	141.27	320	P	PKPdf	04 16 55.3	+0.1
P30M	Million Dollar	141.32	316	P	PKPdf	04 16 55.2	+0.8
D28M	Stokes Point	141.37	331	P	PKPdf	04 16 54.8	+0.6
N30M	Aishikik Lake	141.41	319	P	PKPdf	04 16 54.8	+0.3
G29M	Pine Creek	141.49	327	P	PKPdf	04 16 54.0	+0.2
K29M	Barlow Dome	141.56	322	PKPdf	PKPdf	04 16 55.5	+0.6
K29M	Barlow Dome	141.56	322	PKPdf	PKPdf	04 16 55.0	+0.1
H29M	Haines Junction	141.60	318	P	PKPdf	04 16 55.2	+0.2
H29M	Whitestone	141.71	326	P	PKPdf	04 16 55.4	+0.5
I29M	Ogilvie Camp,	141.78	325	P	PKPdf	04 16 55.1	+0.1
E28M	Babbage River	141.79	330	P	PKPdf	04 16 54.9	0.0
HHC	Hu-ho-hao-te	141.83	76	ePKP	SS	04 16 51.8	-4.3
HHC	comp-Z,220nm,15.3s			LR	LR		
HHC	comp-Z,190nm,17.6s			LR	LR		
HHC	comp-Z,500nm,16.8s			LR	LR		
L29M	L29M	141.87	321	PKPdf	PKPdf	04 16 54.9	-0.4
L29M	L29M	141.87	321	PKPdf	PKPdf	04 16 55.8	+0.4
M29M	Somme Creek	142.04	320	P	PKPdf	04 16 55.5	-0.2
F28M	Old Crow	142.09	329	P	PKPdf	04 16 56.3	+0.7
D27M	Malcolm River	142.16	331	P	PKPdf	04 16 57.2	+1.5
DAWY	Dawson	142.36	323	P	PKPdf	04 16 57.0	+0.8
I28M	Miner Creek	142.45	325	PKPdf	PKPdf	04 16 56.0	-0.4
I28M	Miner Creek	142.45	325	PKPdf	PKPdf	04 16 57.2	+0.9
PNL	Peninsula	142.53	316	P	PKPdf	04 16 57.2	+0.6
E27K	Coleen River	142.62	330	P	PKPdf	04 16 56.7	+0.2
HNS	HongShan	142.69	82	PKP	PKPdf	04 16 53.8	-3.7
HNS	comp-Z,230nm,18.0s			LR	LR		
HNS	comp-Z,220nm,18.4s			LR	LR		
HNS	comp-Z,340nm,19.4s			LR	LR		
YUK8	Steele Glacier	142.70	318	P	PKPdf	04 16 57.4	+0.3
G27K	Doyon Strip	142.92	328	P	PKPdf	04 16 57.8	+0.7
PINM	Pinnacle	142.97	316	P	PKPdf	04 16 57.8	+0.4
H27K	Steamboat Moun	142.98	327	P	PKPdf	04 16 57.5	+0.3
C27K	Jago River	143.00	332	P	PKPdf	04 16 57.7	+0.6
YUK3	Moose Creek	143.01	319	P	PKPbc	04 16 57.2	+2.7
EGAK	Eagle	143.05	324	P	PKPdf	04 16 58.4	+1.1
I27K	Kandik River	143.12	326	P	PKPbc	04 16 57.9	+3.5
NJ2	Nanjing	143.17	93	ePKP	PKPdf	04 16 59.8	+1.3
C26K	Camden Bay	143.31	333	P	PKPbc	04 16 57.9	+3.2
CTG	Chitna Glacier	143.48	318	P	PKPbc	04 16 58.6	+2.9
K27K	Chicken	143.54	323	P	PKPbc	04 16 58.2	+2.6
L27K	Beaver Creek,	143.55	321	P	PKPbc	04 16 58.9	+3.2
M27K	Edge Creek, AK	143.64	320	P	PKPbc	04 16 59.2	+3.0
F26K	Sheenjek River	143.67	329	P	PKPab	04 16 57.7	+2.6
F26K	Sheenjek River	143.67	329	P	PKPbc	04 16 59.3	+3.4
G26K	Porcupine Rive	143.72	328	P	PKPbc	04 16 59.5	+3.5
I26K	Coal Creek Min	143.80	325	P	PKPdf	04 17 00.0	+1.4
MESA	MESA	143.81	317	P	PKPab	04 16 58.7	+2.6
TIA	Tai'an	143.92	86	PKP	PKPab	04 16 58.9	-0.1
D25K	Kavik River	143.98	332	P	PKPbc	04 17 00.2	+3.4
J26L	Joseph Creek	144.11	324	PKPdf	PKPab	04 16 57.0	0.0
J26L	Joseph Creek	144.11	324	PKPab	PKPab	04 16 59.7	+2.7
M26K	Nabesna, AK	144.15	320	P	PKPab	04 16 59.0	+1.9
L26K	Log Cabin Wild	144.24	321	P	PKPab	04 16 57.8	+0.4
L26K	Log Cabin Wild	144.24	321	P	PKPab	04 16 59.6	+2.2
F25K	Christian River	144.25	329	P	PKPab	04 16 58.4	+1.4
F25K	Christian River	144.25	329	P	PKPab	04 16 59.8	+2.0
MCARA	McCarthy VSAT	144.26	319	P	PKPab	04 16 59.5	+1.9
CRQK	Cirque	144.35	318	P	PKPab	04 17 00.1	+2.1
SCRC	Sand Creek	144.38	323	PKPdf	PKPab	04 16 58.7	+0.7
SCRC	Sand Creek	144.38	323	PKPab	PKPab	04 17 00.0	+2.0
MEN7	Mentasta	144.42	321	PKPab	PKPab	04 16 58.9	+0.8
BGLC	Bering Glacier	144.48	316	P	PKPab	04 16 58.8	+0.5
C24K	Franklin Bluff	144.61	314	P	PKPab	04 16 59.5	+1.0
GLB	Gilshina Butte	144.63	319	PKPdf	PKPab	04 16 58.3	-0.6
G25K	Bearman Lake	144.65	328	P	PKPab	04 16 59.0	+0.2
PRP	Porcupine Dome	144.73	326	P	PKPab	04 16 59.2	-0.1
PRP	Porcupine Dome	144.73	326	P	PKPab	04 16 59.3	-0.1
BJT	Baijiantau	144.78	79	IAMS_20	IAMS_20	05 30 34.9	
BJJ	Beijing	144.80	79	PKP	PKPab	04 16 59.3	-0.8
BJJ	comp-Z,100nm,16.1s			LR	LR		
BJJ	comp-Z,110nm,19.8s			LR	LR		
BJJ	comp-Z,170nm,19.9s			LR	LR		
RIDG	Independent Ri	144.80	323	PKPab	PKPab	04 16 59.8	+0.3

RIDG	Independent Ri	144.80	323	P	PKPab	04 16 59.4	-0.1
J25K	Salcha River,	144.86	324	P	PKPab	04 16 59.6	-0.1
D24K	Happy Valley	144.86	333	P	PKPab	04 16 59.5	0.0
N25K	Chitina, Valde	144.99	319	P	PKPbc	04 17 00.1	-0.2
N25K	Chitina, Valde	144.99	319	P	PKPbc	04 17 00.5	+0.2
KAIM	Kayak Island	145.06	316	P	PKPbc	04 17 00.6	+0.1
BMRM	Bremner River	145.07	318	P	PKPbc	04 17 00.3	-0.3
F24K	Squaw Lake	145.10	330	P	PKPbc	04 17 00.1	-0.3
F24K	Squaw Lake	145.10	330	P	PKPbc	04 17 00.0	-0.4
E24K	Your Creek	145.13	331	P	PKPbc	04 17 00.5	0.0
E24K	Your Creek	145.13	331	P	PKPbc	04 17 00.2	-0.3
HARP	HAARP	145.15	321	P	PKPbc	04 17 00.5	-0.2
C23K	Itkillik River	145.17	334	P	PKPbc	04 17 00.4	-0.1
C23K	Itkillik River	145.17	334	P	PKPbc	04 17 00.2	-0.3
G24K	Hadweencic Riv	145.19	328	P	PKPbc	04 17 00.3	-0.4
K24K	Donnelly Dome	145.19	323	P	PKPbc	04 17 00.4	-0.4
K24K	Paxson	145.21	322	P	PKPbc	04 17 00.6	-0.4
TOLK	Toolik Lake	145.30	332	P	PKPbc	04 17 01.0	-0.1
TOLK	Toolik Lake	145.30	332	P	PKPbc	04 17 00.5	-0.5
ILAR	Eielson Array	145.46	325	PKPbc	PKPdf	04 17 01.4	-0.1
E23K	Chandalar	145.53	331	P	PKPdf	04 17 01.4	-0.3
E23K	Chandalar	145.53	331	P	PKPdf	04 17 01.3	-0.4
D23K	Nanushuk River	145.55	333	P	PKPdf	04 17 01.5	0.0
HDA	Harding Lake	145.57	324	P	PKPdf	04 17 01.3	-0.5
HDA	Harding Lake	145.57	324	P	PKPdf	04 17 01.2	-0.5
H24K	Noodor Dome	145.59	327	P	PKPdf	04 17 01.7	0.0
H24K	Noodor Dome	145.59	327	P	PKPdf	04 17 01.6	-0.2
POKR	Poker Plat Res	145.60	326	P	PKPdf	04 17 01.8	0.0
POKR	Poker Plat Res	145.60	326	P	PKPdf	04 17 01.6	-0.2
KLU	Klutina	145.64	319	P	PKPdf	04 17 02.5	+0.6
KLU	Klutina	145.64	319	P	PKPdf	04 17 02.6	+0.5
M24K	Tolsona, Glenn	145.67	320	P	PKPdf	04 17 04.1	+2.1
EYAK	Cordova Ski Ar	145.67	317	P	PKPdf	04 17 03.5	+1.6
B22K	Teshchuk Lake	145.81	336	P	PKPdf	04 17 02.7	+0.8
COLA	College	145.84	325	P	PKPdf	04 17 02.4	-0.7
COLA	College	145.84	325	P	PKPdf	04 17 02.7	+0.6
COLA	College	145.84	325	PKP2	PKPdf	04 17 01.4	-0.7
CCB	Clear Creek Bu	145.87	325	PKPab	PKPdf	04 17 01.3	-0.9
XLT	XilinHaoTe	146.00	73	ePKPbc	PKPdf	04 17 03.3	+0.1
XLT	comp-Z,24nm,21.2s			LR	LR		
XLT	comp-Z,230nm,21.2s			LR	LR		
XLT	comp-Z,410nm,22.6s			LR	LR		
WRH	Wood River Hill	146.04	330	P	PKPdf	04 17 02.6	+0.1
COLD	Coldfoot	146.04	325	P	PKPdf	04 17 03.2	+0.8
DHY	Denali Highway	146.04	322	P	PKPdf	04 17 03.4	+0.7
DHY	Denali Highway	146.04	322	P	PKPdf	04 17 04.3	+1.5
G23K	Bananza Creek	146.15	329	P	PKPdf	04 17 03.7	+1.0
A21K	Barrow	146.21	338	P	PKPdf	04 17 03.9	+1.3
D22K	Aiyikavik River	146.25	333	P	PKPdf	04 17 03.2	+0.5
SCM	Sheep Creek Mo	146.25	320	P	PKPdf	04 17 04.4	+1.4
H23K	Yukon River	146.25	327	P	PKPdf	04 17 04.1	+1.2
E22K	Anaktuvuk Pass	146.27	332	P	PKPdf	04 17 03.7	+0.9
GLI	Glacier Island	146.28	318	P	PKPdf	04 17 04.1	+1.1
WAT8	Susitna Watana	146.30	321	P	PKPdf	04 17 04.0	+0.8
BOD	Bodaibo	146.34	47	ePKIKP	PKPdf	04 17 02.1	-1.1
BOD							

17d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like O16K Kokwok River B, N16K Nishik Lake, P16K Nushagak River, R16K Pilot Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Chwalec, OSTC Ostas, UPC Upice, etc.

17d 04:01:37.7±1.0, 32.49Sx72.52W, h0km, mb3.9/6, mbmp4.1/10, ML4.6/4, Error ellipse: s-maj=39.2km s-min=18.1km az=96.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VA01 Torpederas, VA01 Torpederas, VA01 Torpederas, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT01 comp=E,2um,0.3s, MT05 Renca, MT05 Renca, CO02 Combarbal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S2 WAKE ISLAND Hyt25.29 271, H11S1 WAKE ISLAND Hyt25.30 271, etc.

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

17d 04:03:34.4±10.0, 20.71S: 179.68E, h0km, mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=57.2km az=147.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ORCD Oreadas, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

17d 04:12:44.8±0.5, 43.64Sx16.10W, h0km, mb4.6/14, mbmp4.6/14, MS4.5/23, Error ellipse: s-maj=18.0km s-min=15.9km az=41.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNA1 Sanae, SNA1 Sanae, SNA1 Sanae, etc.

17d 04:12:46.8±1.6, 43.72Sx16.10W, h0km, mb5.2/22, Error ellipse: s-maj=19.1km s-min=15.7km az=107.0

Table with columns: SDBA, LLO2, PLCA, etc. and rows listing various locations and their associated data points.

Table with columns: OTAV, ROSC, RUSC, etc. and rows listing various locations and their associated data points.

Table with columns: CONA, ILGA, KHC, etc. and rows listing various locations and their associated data points.

17d 4h

Table with columns: ID, Name, Value, Unit, Status, Code, Date, Time, etc. Includes entries like D23K Nanushuk River, HDA Harding Lake, H24K Noodor Dome, etc.

2018 OCT

Table with columns: ID, Name, Value, Unit, Status, Code, Date, Time, etc. Includes entries like G19K Purcell MOUNTA, G19K Purcell MOUNTA, C18K Ulukuk River, etc.

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Table with columns: Code, Station Name, Value, Unit, Status, Code, Date, Time, Res, etc. Includes entries like SDPT Sand Point, MJAR Matsushiro Arr, IDC 17 04:24:08.9, etc.

17d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, EKA Eskdalemuir Ar, GERES Geres Array B.

BJI 1705:16:40.4, 33:41N, 89:34E, h8km, mb4.4/15, mB4.6/4, Ms4.1/17, Ms7.0/17
IDC 1705:16:41.3, 0.7, 33:45N, 89:31E, h0km, mb3.9/12, mbmp4.0/16, ML3.7/4, MS3.9/12, Error ellipse: s-maj=26.1km s-min=15.1km az=49.0

NEIC 1705:16:43.1, 2.5, 33:52N, 0:04-89:3E, 0:1, h10km, 2km, mb4.2/21, Error ellipse: s-maj=18.5km s-min=4.6km az=78.0

ISC 1705:16:43.6, 0.5, 33:55N, 0:06-89:30E, 0:06, h10km, n66, a1883/59, mb4.1/16, MS4.0/12, I, Xizang

Main table for 17d 5h section, listing station codes (LSA, GOMU, SHL, etc.), station names (Lhasa, GeErMu, Shillong, etc.), and associated data points.

2018 OCT

Table for 2018 OCT section, listing station codes (EIL, AK09, AK10, etc.), station names (Eilat, Malin Array Si, etc.), and associated data points.

IDC 1705:29:19.2, 0.8, 25:86N, 102:13E, h0km, mb4.0/18, mbmp4.0/18, MS4.0/13, Error ellipse: s-maj=31.0km s-min=15.4km az=55.0

BJI 1705:29:19.7, 25:89N, 102:25E, h10km, mb4.5/35, mB4.7/14, ML4.1/10, Ms4.6/45, Ms7.4/246

MOS 1705:29:22.9, 1.1, 25:93N, 102:23E, h36km, mb4.6/17, Error ellipse: s-maj=11.7km s-min=6.8km az=109.1

NEIC 1705:29:25.9, 2.4, 26:15N, 0:08-102:25E, 0:04, h35km, 2km, mb4.5/24, Error ellipse: s-maj=13.5km s-min=4.7km az=164.0

ISC 1705:29:22.9, 0.4, 26:07N, 0:05-102:24E, 0:04, h10km, n116, a236/119, mb4.4/48, MS4.0/14, 8C-7D, Sichuan

Main table for 2018 OCT section, listing station codes (PZH, KMI, GYA, etc.), station names (PanZhiHua, Kunming, Guiyang, etc.), and associated data points.

1086

Main table for 1086 section, listing station codes (Wuhan, GOMU, etc.), station names (Wuhan, GeErMu, etc.), and associated data points.

17d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PHRA Phrae, CMAR Chiang Mai, KMI Kunming, etc.

2018 OCT

NEIC 17 06:03:09.1,0.9,43.63S,0.2,15.95W,0.06,h10km,1km, mb4.6/16, Error ellipse: s-maj=25.8km s-min=8.0km az=0.0

CMGT 17 06:03:10.0,0.0,4.3,69S,0.04,16.20W,0.04,h28km,1km, MW5.0/81, Moment Tensor Solution. s10,c11; s81,c99; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-2.85e-30; Mth0.7e-20; Mth2.0e-18; Mth1.80e-33; Mth-1.37e-12; Mtr1.30e-23; Best double couple: M3.51800e10^16 Np1.3e175.00000, s54.00000, A-129.00000. Principal axes: T: 2.9520, P1g:20000, Azm:239.0000, N: 11290, P1g2.0000, Azm:331.0000, P: -4.0850, P1g61.0000, Azm146.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 17 06:03:09.0,0.6,43.6S,0.1x16.0W,0.1,h10km,n60, s112/29,mb4.3/18,MS3.9/36,3C,Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

1088

IDC 17 06:36:55.7,1.6,127N-125.95E,h0km,mb3.7/4, mbt6.3/7.4, Error ellipse: s-maj=172.2km s-min=21.1km az=65.0, Northern Molucca Sea

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

WEL 17 06:43:29.7,0.7,35'S,4.7'179'E,1'0,h33km,M3.9/35, mb4.6/13,ML4.3/47,MLV4.1/35,MW(MB)3.8/13, Error ellipse: s-maj=5.7km s-min=5.4km az=100.5, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Stat, HAZ Te Kaha, PKGZ Pakihiroa, etc.

SSNC 17 06:44:34.8,3.4,2.22N-72.58W,h5km,999km,mb4.2, ISC 17 06:43:25.1,0.6,36N,0.02-73.57W,0.03,h12km,6km, n50,+150/91,Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara, BRUC Barrancabermej, RUSC La Rusia, etc.

IDC 17 06:03:08.0,0.9,43.62S,0.16,05W,h0km,mb4.2/7, mbt6.4/2.7,MS4.0/35, Error ellipse: s-maj=31.1km s-min=22.2km az=69.0

17d 9h

QSPA South Pole Qui 84.13 180 P P 08 44 15.1 +1.3
ILAR Eilson Array 87.13 24 P P 08 44 25.9 -2.7

NNC 17 08:37:08.1±8.9,57.22N:86.41E,h0km,mb3.5,mpv3.2, 4C-2D, Error ellipse: s-maj=85.1km s-min=64.3km az=116.0, Southwestern Siberia

Code Station Name Δ° AZ° Phase ID Time Res
ZAAO Zalesovo Array 3.40 196 ∩Pg P 08 38 09.3 +0.2
ZAAO 11nm,1.2s ∩Lg Lg 08 38 57.6

NOU 17 08:45:58.6,38°35'S:178°86'W,h116km,MLV4.6,East of North Island, N.Z.

ISC 17 08:46:14.9±2.0,38°34'S:0°05'179°44'E,0°08,h26km±15km, n84,±1921/93,Off east coast of North Island

Code Station Name Δ° AZ° Phase ID Time Res
TBAS Tolaga Bay Are 0.90 267 P Op ISC H m s ISC
PUZ Puketiti 0.97 285 P S Pn 08 46 33.0 +1.2

SOME 17 09:05:46.4,41°65'N:80°90'E,h15km,1C-1D,Southern Xinjiang

Code Station Name Δ° AZ° Phase ID Time Res
SHLS Shalkode 1.84 325 P Pn 09 06 17.7 0.0
SHLS 34nm,0.3s eS Sn 09 06 40.1 -0.6

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UZB Uzynbulak 2.04 318 eP Pb 09 06 23.9 +0.5
UZB 8.7nm,0.2s eS Sg 09 06 50.8 -1.3
SATY 69nm,0.2s Sat 2.32 308 Pg Pg 09 06 29.5 -1.4

NNC 17 09:05:44.3±6.6,44°33'N:82°08'E,h8km±23km,mb3.6, mpv3.3, Error ellipse: s-maj=73.1km s-min=16.5km az=122.0

SOME 17 09:05:51.3,44.78N:82.08E,h30km,2C-1D,Northern Xinjiang

Code Station Name Δ° AZ° Phase ID Time Res
DJR Jarkent 1.70 255 eP Pb 09 06 21.7 -0.2
KAPS Kapasasan 2.00 286 eP Pb 09 06 26.2 -0.8
MK31 Makanchi Array 2.02 4 ∩Sn Pn 09 06 54.7 +2.8

NNC 17 09:08:22.9±0.7,43°26'N:79°18'E,h6km±4km,mpv2.5, Error ellipse: s-maj=7.3km s-min=2.2km az=162.0

SOME 17 09:08:23.5,43°22'N:79°20'E,h15km ISC 17 09:08:24.2±1.0,43°31'N:0°03'79°14E:0°02,h10km,n11, ±100/22,1C-1D,Lake Issyk-Kul region

Code Station Name Δ° AZ° Phase ID Time Res
UZB Uzynbulak 0.18 208 P Op ISC H m s ISC
UZB 18nm,0.1s S Sg 09 08 27.5 -0.6
UZB 15nm,0.1s S Sg 09 08 30.5 -0.3

JMA 17 09:22:30.2±0.1,43°1N:0°5'145°38'E:0.6,h52km,MV3.0/38, OFF NEMURO PENINSULA

SKHL 17 09:22:31.3±0.2,43°10'N:145°90'E,h39km±5km,mb4.2/4 ISC 17 09:22:30.1±7.7,43°08'N:0°08'145°88'E:0.06,h49km±12km, n12,±953/24,Hokkaido region

Code Station Name Δ° AZ° Phase ID Time Res
NEM2 Nemuro 2 0.30 340 P Op ISC H m s ISC
JKNH Kushirohamanak 0.53 270 P S Pn 09 22 45.8 +0.0
JKNH 34nm,0.3s eS Sn 09 22 41.8 +0.3

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JRA SHO Shikotan 1.05 41 S Sn 09 23 01.0 -0.1
SHO 30nm,0.2s iS A Sn 09 22 48.2 -0.1
SHO 170nm,0.2s A A 09 23 04.1

IDC 17 09:40:20.8±1.8,57°15'S:150°83E,h0km,mb3.7/3, mbmp3.7/4,ML1.3/1, Error ellipse: s-maj=109.4km s-min=23.9km az=127.0,New Britain region

Code Station Name Δ° AZ° Phase ID Time Res
PMG Port Moresby 5.17 224 Pn Pn 09 41 40.9 +1.4
PMG 0.7nm,0.3s,baz=47,slo=18,SNR=1.9 Sn Sn 09 42 39.0 -1.0

NEIC 17 09:47:13.7±0.4,37°07'N:0°10'97°82'W:0°01,h4km±2km, Error ellipse: s-maj=1.5km s-min=1.2km az=154.0

NEIC 17 09:47:14.0±0.5,37°08'N:0°01'97°82'W:0°01,h7km±2km, mb_Lg3.0/79,ML3.3/40,ML2.9/9, Error ellipse: s-maj=1.8km s-min=1.4km az=218.0

IDC 17 09:47:15.2±2.3,37°15'N:98°09'W,h0km,mb3.3/1, mbmp3.0/4,ML3.8/2, Error ellipse: s-maj=30.8km s-min=15.0km az=87.0

ISC 17 09:47:14.1±0.8,37°05'N:0°03'97°81'W:0°02,h11km±5km, n85,±949/67,Kansas

Code Station Name Δ° AZ° Phase ID Time Res
KAN17 Caldwell West 0.04 95 Op ISC H m s ISC
KAN17 Argonia South 0.11 22 Sg Sg 09 47 17.2 -0.5
KAN14 Manchester OK 0.15 233 IAML Pg 09 47 16.3 -0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FW06 Azle, N35A Tabor, P38A Dawn, etc.

STR 17:10:01:21.2:0.3, 50°N, 3°W, h0km, MLV3.6/60, Error ellipse: s-maj=0.0km s-min=0.0km az=70.3, preliminary, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HMNX Herstmonceux, ELHX Elham, LOUF Saint-Loup, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAUF Jausiers, MLS Moulis, CLAF Gruissan, etc.

NEIC 17:10:07:52.3:0.6, 37°10'N, 0°03'97.83W, 0°02, h6km, 2km, Error ellipse: s-maj=4.0km s-min=1.1km az=152.0

NEIC 17:10:07:52.6:0.6, 37°08'N, 0°02'97.82W, 0°02, h7km, 3km, ML2.3/11, ML2.6/40, ML2.3/10, Error ellipse: s-maj=3.9km s-min=0.9km az=150.0, Kansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAN17 Caldwell West, KAN17 Argonia South, KAN14 Manchester OK, etc.

IDC 17:10:13:20.0:2.4, 63°15'N, 129°08'E, h0km, mb3.5/1, mbtmp3.6/4, ML3.6/3, Error ellipse: s-maj=91.9km s-min=30.2km az=76.0, Banda Sea

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

IDC 17:10:24:07.9:7.1, 17°34'S, 177°05'W, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=308.7km s-min=39.1km az=142.0, Fiji Islands region

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

NOU 17:10:29:41.9, 21°08'S, 169°70'E, h0km, MLV3.9/13, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, LIFNC LIFUO, etc.

HEL 17:10:32:39.7:0.1, 62°29'N, 27°55'E, h0km, ML1.3, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, SUFF Sumaiinen, SUF Suif, etc.

SJA 17:10:34:54.9:0.9, 39°88'S, 71°78'W, h161km, 5km, ML4.0, MV4.0

NEIC 17:10:34:55.6:2.2, 39°88'S, 0°06'71.72W, 0°10, h152km, 6km, mb4.1/16, MW4.4(GUC), Error ellipse: s-maj=10.8km s-min=8.3km az=82.0

GUC 17:10:34:57.5:0.8, 39°97'S, 71°80'W, h151km, 4km, ML4.4, IDC 17:10:34:58.4:1.9, 39°87'S, 71°09'W, h152km, 6km, mb3.5/7, mbtmp3.9/7, Error ellipse: s-maj=38.8km s-min=16.8km az=89.0

ISC 17:10:34:55.9:0.6, 39°88'S, 0°03'71.70W, 0°05, h154km, 5km, n102, r1850/122, mb4.1/13, 10C-6D, Southern Chile-Antarctica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO06 Curarrehue, LR05 Currie, LR05 Currie, etc.

17d 13h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like J26L, C27K, C27K, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SKAG, WHY, ARTI, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FAUS, FINES, PINE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like Mount Meron Ar, KSP Ksiaz, N23A Red Feather La, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like AAI Ambon, MSAI Masohi, SWI Sorong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like ROM 17:13:39:59.7, LNSS Leoneessa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like GAVE Gavelli, SMA1 SAN MARTINO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like ARRO Arrone, CESI Cesi-Serrava, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like LOPP1 Punta Rusia, LUDR Luperon, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like SC01 Santiago de los, SC01 Santiago de los, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like SC01 comp=N,422nm,0.3s, SODR Sosua Marina B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like GRTK Grand Turk, GRTK Grand Turk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like MASc Masc, QMBU Quimbuelo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like MARNC Mare, Loyalty, LIFNC LIFUO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like WRA Warramunga Arr, EKA Eskdalemuir Ar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like PINNC Pines Island, YATNC Mamie plateau, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like JMA 17:14:46:57, JRBN Rebutou, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like JNKB Churui, JCH JCH, etc.

MOS 17:14:53:31.7, 1.5, 26:07N:61:51E, h19km, mb4.8/12, Error ellipse: s-maj=9.4km s-min=5.9km az=93.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like NGCH Negor - Chabah, NGCH Negor - Chabah, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like SHBR Chabahar, SHRV Saravan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like WSBAR Wadi Sarin, WSBAR Wadi Sarin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like BANOM Banah, BANOM Banah, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like SOHO SOHO, SOHO SOHO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like JMA 17:14:46:57, JRBN Rebutou, etc.

PET	comp=N,3um,0.6s	MLR	MLR		
DALK	comp-Z,400nm,5.0s				
DALK	Daliny	2.09	15 eP	Pn	15 01 30.8 -0.1
DALK	Daliny	2.09	15 PN	Pn	15 01 30.8 -0.1
PEAOB	Petropavlovsk-	2.10	357 P	Sn	15 01 31.6 +0.6
PEAOB	Petropavlovsk-	2.10	357 eP	Sn	15 01 50.1 -5.8
PEAOB	Petropavlovsk-	2.10	357 CePN	Pn	15 01 31.2 +0.2
PETK	comp-Z,5.1nm,0.4s,baz=150,slow=15,SNR=503				
PETK	LR				15 01 57.4 +1.4
PETK	comp-Z,218nm,0.5s,baz=196,slow=21,SNR=6.9				
INSR	Institute	2.10	12 eP	Pn	15 01 31.6 +0.5
INSR	Institute	2.10	12 eS	Pn	15 01 56.8 +0.7
INSR	Institute	2.10	12 PN	S	15 01 31.6 +0.5
UGLR	Uglovaya	2.27	15 eP	Pn	15 01 56.7 +0.7
UGLR	Uglovaya	2.27	15 PN	Pn	15 01 34.2 +0.6
AVH	Avacha	2.31	13 eP	Pn	15 01 34.1 +0.6
AVH	Avacha	2.31	13 PN	Pn	15 01 35.2 +1.2
SMAR	Somma	2.32	14 eP	Pn	15 01 35.5 +1.2
SMAR	Somma	2.32	14 PN	Pn	15 01 35.4 +1.2
KOK	Koryaka	2.33	11 eP	Pn	15 01 35.6 +1.3
KOK	Koryaka	2.33	11 PN	Pn	15 01 35.5 +1.3
NLC	Nalytchevo	2.34	22 eP	Pn	15 01 32.9 -1.4
NLC	Nalytchevo	2.34	22 PN	Pn	15 01 32.9 -1.4
SDLR	Sedlovina	2.35	15 eP	Pn	15 01 34.6 0.0
SDLR	Sedlovina	2.35	15 PN	Pn	15 01 34.5 0.0
KRER	Koryakskii	2.35	13 eP	Pn	15 01 35.6 +0.9
KRER	Koryakskii	2.35	13 PN	Pn	15 01 35.6 +0.9
KRX	Arik	2.39	11 eP	Pn	15 01 36.4 +1.1
KRX	Arik	2.39	11 PN	Pn	15 01 36.3 +1.1
SPN	Mys Shipunski	2.47	32 eP	S	15 02 05.3 +0.2
SPN	Mys Shipunski	2.47	32 PN	S	15 01 36.0 -0.1
KII	Karymskiy	3.17	17 eP	Pn	15 01 47.5 +1.7
KII	Karymskiy	3.17	17 PN	Pn	15 01 47.5 +1.7
TUMD	Tumrok D	4.46	19 eP	S	15 02 05.3 +0.2
TUMD	Tumrok D	4.46	19 eS	S	15 02 58.4 +4.5
TUMR	Tumrok	4.49	17 eP	Pn	15 02 06.4 +2.5
TUMR	Tumrok	4.49	17 PN	Pn	15 02 06.3 +2.5
ESO	Esso	4.94	5 eP	Pn	15 02 12.8 +2.8
ESO	Esso	4.94	5 PN	Pn	15 02 12.7 +2.8
KMNR	Kamenistaya	4.95	16 eP	Pn	15 02 11.9 +1.1
KMNR	Kamenistaya	4.95	16 PN	Pn	15 02 11.2 +1.1
KPT	Kopyto	5.15	15 eP	Pn	15 02 15.7 +2.7
KPT	Kopyto	5.15	15 PN	Pn	15 02 15.6 +2.7
KIRR	Kirishev	5.16	16 eP	Pn	15 02 15.4 +2.3
KIRR	Kirishev	5.16	16 PN	Pn	15 02 15.4 +2.3
BZMR	Bezymyannaya	5.17	17 eP	Pn	15 02 15.8 +2.6
BZMR	Bezymyannaya	5.17	17 PN	Pn	15 02 15.8 +2.6
KOZ	Kozyrevsk	5.19	13 eP	Pn	15 02 15.7 +2.3
KOZ	Kozyrevsk	5.19	13 PN	Pn	15 02 15.6 +2.3
BZWR	Bezymyanni-We	5.20	17 eP	Pn	15 02 16.2 +2.6
BZWR	Bezymyanni-We	5.20	17 PN	Pn	15 02 16.2 +2.6
BZGR	Bezymyanni-Gr	5.21	18 eP	Pn	15 02 16.3 +2.6
BZGR	Bezymyanni-Gr	5.21	18 PN	Pn	15 02 16.3 +2.6
ZLN	Zelenaya	5.30	18 eP	Pn	15 02 18.8 +3.8
ZLN	Zelenaya	5.30	18 PN	Pn	15 02 18.8 +3.8
SRDR	Sredinnyy	5.42	11 eP	Pn	15 02 18.6 +2.1
SRDR	Sredinnyy	5.42	11 PN	Pn	15 02 18.6 +2.1
KLY	Klyuchi	5.56	16 eP	Pn	15 02 20.0 +1.6
KLY	Klyuchi	5.56	16 PN	Pn	15 02 19.9 +1.6
SMKR	Semkarok	5.97	19 eP	Pn	15 02 25.8 +1.8
SMKR	Semkarok	5.97	19 PN	Pn	15 02 25.8 +1.8
KBTR	Krutoberego	5.98	27 eP	Pn	15 02 24.9 +0.9
KBTR	Krutoberego	5.98	27 PN	Pn	15 02 24.9 +0.9
KBG	Krutoberego	5.98	27 eP	Pn	15 02 24.7 +0.6
KBG	Krutoberego	5.98	27 PN	Pn	15 02 24.7 +0.6
BKI	Bering	6.43	46 eP	Pn	15 02 30.1 -0.1
BKI	Bering	6.43	46 PN	Pn	15 02 30.1 -0.1
KUR	Kuril'sk	8.84	23 PN	S	15 03 08.1 +5.4
KUR	Kuril'sk	8.84	23 S	S	15 04 45.6 +4.1
MA2	Magadan	9.48	338 P	Pn	15 03 07.7 -4.2
MA2	comp-Z,13nm,0.9s,baz=95,slow=15,SNR=2.8				
MA2	LR				15 07 18.5
SHEM	Shemya Is, Ala	10.18	74 S	Sn	15 05 06.1 -8.0
SHEM	comp-Z,69nm,0.4s,baz=289,slow=18,SNR=2.3				
SHEM	LR				15 07 35.3
SHO	Shikotan	10.34	231 eP	Pn	15 03 22.1 -1.8
SHO	Shikotan	10.34	231 ePN	Pn	15 03 21.9 -1.9
SHO	comp=N,14nm,0.3s				
SHO	pmax				
SHO	comp-Z,25nm,0.3s				
SHO	pmax				
YUK	Yuzh-Kuril'sk	10.70	234 ePN	Pn	15 03 28.6 -0.2
YUK	comp-Z,39nm,0.3s				
YUK	pmax				
YUK	comp=N,70nm,0.4s				
YUK	pmax				
YSS	Yuzh-Sakhalins	10.73	254 P	Pn	15 03 30.2 +1.1
YSS	Yuzh-Sakhalins	10.73	254 ePN	Pn	15 03 31.9 +2.7
YSS	comp-Z,30nm,1.1s				
YSS	pmax				
JKA	Kamikawa-asahi	12.40	242 P	Pn	15 03 52.1 +0.1
ASAJ	Asahikawa	12.40	242 P	Pn	15 03 52.4 +0.4
KLR	Kul'dur	16.82	274 P	P	15 04 53.2 +2.0
KLR	comp-Z,7.4nm,0.7s,baz=67,slow=14,SNR=11				
KLR	LR				15 11 14.5
KLR	Kul'dur	16.82	274CeP	P	15 04 52.1 +0.9
BILL	Biilbino	17.57	10 eP	P	15 04 59.6 +0.3
BILL	comp-Z,4.0nm,0.9s				
BILL	pmax				
USRK	Ussuriysk Ar.	18.68	259 P	P	15 05 11.3 -0.3
USRK	comp-Z,4.5nm,0.7s,baz=61,slow=11,SNR=4.9				
USRK	LR				15 12 17.1
ZEA	Zeya	18.82	290 eP	P	15 05 14.0 -0.2
ZEA	comp=E,10.0nm,0.7s				
ZEA	pmax				
YAK	Yakutsk	18.89	317 P	P	15 05 12.4 -1.4
YAK	Yakutsk	18.89	317 P	P	15 05 12.7 -1.1
YAK	comp-Z,47nm,0.5s,baz=273,slow=1.0,SNR=27				
YAK	LR				15 13 15.1
YAK	Yakutsk	18.89	317 eP	Pn	15 05 14.8 -0.1
YAK	comp-Z,22nm,0.8s				
YAK	pmax				
YAK	comp=N,3.0nm,1.1s				
YAK	pmax				
MDJ	Mudanjiang	19.96	262 P	P	15 05 24.9 -0.8
MJAO	Matsu Arr-Jizo	20.16	232 eP	Pn	15 05 32.1 +1.8
MJAO	comp-Z,5.0nm,0.6s				
MJB9	Matsu-Tunnel	20.18	232 P	P	15 05 28.9 +0.8
MJAO	Matsushiro	20.18	232 P	P	15 05 28.1 -0.0
MJAO	Matsushiro	20.18	232 P	P	15 05 28.2 +1.5
MJAR	Matsushiro Arr	20.18	232 P	P	15 05 28.2 +0.1
MJAR	comp-Z,2.8nm,0.5s,baz=27,slow=9.6,SNR=8.4				
MJAR	LR				15 13 03.2
JGF	Kuroka	21.35	232 P	P	15 05 39.9 -0.8
JGF	comp-Z,28nm,1.4s				
JGF	Iamb				15 05 44.1
INU	Inuyama	21.71	232 P	P	15 05 44.0 -0.6
INU	comp-Z,1.7nm,0.8s				
FALS	False Pass	23.43	65 P	P	15 06 01.6 -0.7
J14K	Nanvaranak Lak	23.71	46 P	P	15 06 05.2 +0.4
J14K	comp-Z,26nm,1.2s				

J14K	Nanvaranak Lak	23.71	46 P	P	15 06 03.3 -1.4
L14K	Kuka Creek	23.88	49 P	P	15 06 05.1 -1.2
F15K	North Star Dit	24.05	38 P	P	15 06 06.8 -1.0
G15K	Niukluk	24.07	40 P	P	15 06 06.6 -1.4
S12K	Black Hills	24.11	63 P	P	15 06 07.9 -0.6
M14K	Bethel	24.16	51 P	Iamb	15 06 09.5 +0.6
M14K	comp-Z,50nm,1.5s				
M14K	Bethel	24.16	51 P	Iamb	15 06 22.3
M14K	Kuskokwak Cree	24.23	53 P	P	15 06 08.2 -0.7
N14K	Tiksi	24.45	338 LR	LR	15 06 09.3 -0.2
L15K	Ungalak Mouna	24.49	49 P	P	15 06 11.7 -0.2
K15K	Wolf Creek Mou	24.56	47 P	P	15 06 12.4 0.0
H16K	Elim	24.71	41 P	P	15 06 12.9 -1.0
M15K	Kasigluk River	24.78	51 P	P	15 06 14.3 -0.2
C16K	Lisburne Hills	24.79	32 P	P	15 06 14.4 -0.1
N15K	Kwethluk River	25.05	52 P	Iamb	15 06 17.8 +0.8
N15K	comp-Z,36nm,1.4s				
N15K	Kwethluk River	25.05	52 P	Iamb	15 06 41.4
J16K	Anvik River	25.14	45 P	Iamb	15 06 18.2 +0.5
J16K	comp-Z,28nm,1.4s				
J16K	Anvik River	25.14	45 P	Iamb	15 06 23.3
O15K	Ungalithiuk R	25.16	55 P	P	15 06 17.3 -0.4
KSRS	Korea Array	25.18	249 P	P	15 06 18.1 -0.2
KSRS	comp-Z,3.3nm,0.9s,baz=48,slow=9.5,SNR=8.8				
KSRS	LR				15 15 05.4
KSRS	comp-Z,38nm,21.8s,baz=20,slow=34				
KSRS	comp-Z,3.3nm,0.9s				
KSRS	Korea Array	25.18	249 eP	P	15 06 21.9 +3.6
D17K	Noatak River	25.34	34 P	P	15 06 19.6 +0.1
L16K	Owahat River	25.45	49 P	P	15 06 20.6 +0.1
RDOG	Red Dog Mine	25.53	33 P	P	15 06 21.0 -0.2
E17K	Hotham Inlet	25.56	36 P	P	15 06 22.1 +0.5
G17K	Kwialik Mouna	25.58	40 P	P	15 06 21.7 0.0
F17K	Baldwin Pennin	25.60	38 P	P	15 06 20.9 -0.9
C17K	DeLong Mounai	25.60	32 P	P	15 06 21.6 -0.3
CHNA	Chernabura Isl	25.63	65 P	P	15 06 22.3 +0.1
M16K	Timber Creek	25.65	50 P	P	15 06 21.6 -0.8
N16K	Nishilik Lake	25.72	52 P	P	15 06 23.8 +0.7
H17K	Granite Mouna	25.75	41 P	P	15 06 23.1 -0.2
O17K	VAM Dome	25.83	45 P	P	15 06 24.0 0.0
J16K	Kokwok River B	26.04	54 P	P	15 06 25.6 -0.4
L17K	Donlin	26.04	48 P	P	15 06 26.4 +0.4
K17K	Iditarod	26.10	47 P	P	15 06 27.0 +0.6
E18K	Tukpahleark C	26.14	36 P	P	15 06 26.6 -0.1
F18K	Selawik	26.26	38 P	P	15 06 28.0 +0.2
C18K	Utukok River	26.34	33 P	Iamb	15 06 28.5 -0.2
C18K	comp-Z,28nm,1.4s				
C18K	Utukok River	26.34	33 P	Iamb	15 06 58.3
M17K	Holittna River	26.40	50 P	P	15 06 28.8 +0.1
B18K	Kokolik River	26.41	31 P	P	15 06 29.3 +0.1
H18K	Honhosa River	26.44	41 P	P	15 06 29.7 +0.2
G18K	Tagagavik	26.48	39 P	Iamb	15 06 29.4 -0.4
G18K	comp-Z,23nm,1.4s				
G18K	Tagagavik	26.48	39 P	Iamb	15 06 43.5
N17K	Nushagak Hills	26.50	52 P	P	15 06 30.6 +0.5
JNU	Nakatsue	26.63	238 LR	LR	15 18 56.9
L18K	Granite Mouna	26.80	48 P	P	15 06 33.6 +0.8
Q16K	King Salmon	26.82	56 P	P	15 06 33.0 +0.1
J18K	Innoko River	26.90	45 P	P	15 06 33.6 0.0
C19K	Lookout Ridge	27.05	32 P	P	15 06 34.7 -0.3
R17L	Mt. Peulik Vol	27.06	58 P	P	15 06 34.8 -0.4
N18K	Kilae Creek	27.14	51 P	P	15 06 37.0 +1.2
N18K	Kilae Creek	27.14	51 P	P	15 06 36.2 +0.4
G19K	Purcell Mouna	27.16	39 P	P	15 06 35.2 -0.7
TTA	Tatalina	27.16	46 P	P	15 06 36.1 0.0
M18K	Stony River	27.18	49 P	P	15 06 36.5 +0.4
D19K	Kuna River	27.36	34 P	P	15 06 36.9 -0.2
E19K	Redstone River	27.40	36 P	P	15 06 37.3 -0.7
J19K	Poorman	27.44	44 P	P	15 06 38.2 -0.2
O18K	Koktuh Hills	27.50	53 P	P	15 06 37.9 -1.2
P18K	Big Mountain,	27.51	54 P	P	15 06 38.1 -1.1
L19K	White Mountain	27.66	48 P	P	15 06 39.0 -1.5
Q18K	Katmai Hardscr	27.68	56 P	P	15 06 40.0 -0.8
CHIR	Chirikof Islan	27.70	62 P	P	15 06 39.5 -1.4
N19K	Bonanza Creek	27.83	51 P	P	15 06 41.1 -1.0
F20K	Avaraat Lake	27.87	37 P	P	15 06

17d 15h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WAKE ISLAND, McCarthy VSAT, Coleen River, Doyon Strip, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ARCES, BPMT, PHRA, CHTO, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QSPA, South Pole Qui, etc.

NEIC 17 15:09:36.7z, 2.0, 31.81N, 0.02:114.55W, 0.01, h10km, 2km, Error ellipse: s-maj=3.1km s-min=2.7km az=164.0

PAS 17 15:09:37.4z, 2.3, 31.80N, 0.02:114.62W, 0.01, h10km, 2km, ML3.0/2/3, ML2.8/20(NEIC), Error ellipse: s-maj=3.1km

ECX 17 15:09:37.5z, 0.6, 31.82N, 1.14:61W, h16km, 3km, ML3.1, s-min=2.7km az=154.0

ISC 17 15:09:35.6z, 1.1, 31.80N, 0.02:114.63W, 0.03, h16km, 8km, n34, r193/53, 6C-4D, Gulf of California

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like EDOMX, RITX, ECXB, etc.

IDC 17 15:13:12.1z, 4.2, 36.46N, 71.08E, h238km, 40km, mb3.2/5, mbtm3.9/11, Error ellipse: s-maj=33.0km s-min=19.5km az=36.0

MNC 17 15:13:17.1z, 3.0, 36.96N, 71.14E, h241km, 39km, mb2.9, mpv4.0, Error ellipse: s-maj=30.2km s-min=20.6km az=2.0

ISC 17 15:13:14.0z, 0.8, 36.64N, 0.06:71.29E, 0.08, h255km, n27, c2911/40, mb3.5/5, 6C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JMU, THN, DHRM, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like PIX Pinacate, ECXB El Chino, SPIG San Pedro Mart, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like PCRV Puerto La Cruz, ATAH Atahualpa, BBTB Baka, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like SSSL Suanglung, NACB Ninganchiao, NACB Ninganchiao, etc.

17d 18h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CD2 Chengdu, MJAR Matsushiro Arr, TIY Taiyuan, etc.

2018 OCT

Table with columns for station ID, name, coordinates, and various data points. Includes stations like H1N12 WAKE ISLAND Hy, HNR Honiara, H1N13 WAKE ISLAND Hy, etc.

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Table with columns for station ID, name, coordinates, and various data points. Includes stations like NIL Nilore, NRPS Nilore, ARPL Nilore, etc.

MZR	Muzera	68.10	290	i	P	P	18 45 39.2	-0.6
M11K	Mekoryuk	69.11	30	P	P	P	18 45 46.4	+1.1
TNA	Tin City	69.60	24	P	P	P	18 45 49.6	+1.4
FALS	False Pass	69.64	36	P	P	P	18 45 50.1	+1.5
K13K	Kusivlak Mount	70.16	28	P	P	P	18 45 52.8	+1.1
F14K	Arcitic Creek	70.22	24	P	P	P	18 45 53.0	+1.0
URZ	Urewera	70.23	138	LR	LR		19 20 10.3	
BKZ	Black Stump Fm	70.36	140	P	P	P	18 45 53.7	+0.3
ANM	Nome	70.40	20	P	P	P	18 45 54.2	+1.0
M13K	Dall Lake	70.51	30	P	P	P	18 45 54.0	+0.2
J14K	Nanvaranak Lak	70.82	28	P	P	P	18 45 56.4	+0.7
F15K	North Star Dit	70.95	24	P	P	P	18 45 57.4	+0.9
L14K	Kuka Creek	70.98	29	I	Amb	I	18 45 57.5	+1.7
G15K	Nukuk	71.05	25	P	P	P	18 45 58.3	+1.2
M14K	Bethel	71.24	30	P	P	P	18 46 00.0	+1.8
N14K	Kuskokwak Cree	71.25	31	P	P	P	18 45 59.7	+1.3
C16K	Lisburne Hills	71.28	22	P	P	P	18 46 00.1	+1.7
SDPT	Sand Point	71.37	36	P	P	P	18 46 00.1	+0.9
O14K	Tigykauivet M	71.38	31	P	P	P	18 46 00.5	+1.3
L15K	Ungalak Mounta	71.60	29	P	P	P	18 46 01.8	+1.4
K15K	Wolf Creek Mou	71.67	28	I	Amb	I	18 46 09.3	
K15K	Wolf Creek Mou	71.67	28	P	P	P	18 46 02.4	+1.5
H16K	Elm	71.74	26	P	P	P	18 46 02.6	+1.3
G16K	Koyuk River	71.82	25	P	P	P	18 46 03.3	+1.6
CHNA	Chernabura Isl	71.83	36	P	P	P	18 46 02.7	+0.7
M15K	Kasigluk River	71.85	30	P	P	P	18 46 03.3	+1.3
K17V	Kirov	71.89	32	LR	LR		19 20 43.1	
K17V	Kirov	71.89	32	eP	eP		18 46 02.1	-0.1
S14K	Fog Glacier	71.97	35	P	P	P	18 46 04.4	+1.5
D17K	Noatak River	71.98	22	P	P	P	18 46 04.3	+1.6
N15K	Kwethluk River	72.08	31	I	Amb	I	18 46 05.9	
N15K	Kwethluk River	72.08	31	P	P	P	18 46 04.7	+1.3
O15K	Ungalikthiuk R	72.10	32	P	P	P	18 46 04.8	+1.2
C17K	DeLong Mountai	72.11	22	P	P	P	18 46 04.8	+1.4
RDOG	Red Dog Mine	72.12	22	P	P	P	18 46 04.9	+1.4
AKT	Akty	72.18	310	eP	eP		18 46 03.6	-0.9
AKT	AKT			ePP	ePP		18 46 21.3	
AKT	AKT			ePP	ePP		18 46 34.6	0.0
J16K	Anvik River	72.24	27	P	P	P	18 46 06.0	+1.7
I17K	Unalakleet	72.28	27	P	P	P	18 46 06.4	+1.9
E17K	Hotham Inlet	72.34	23	P	P	P	18 46 06.4	+1.6
BELG	Belogornoye	72.43	321	i	P	P	18 46 04.3	-1.3
F17K	Baldwin Pennin	72.45	24	P	P	P	18 46 07.2	+1.7
G17K	Kwialik Mounta	72.54	25	P	P	P	18 46 07.8	+1.8
L16K	Owhat River	72.56	29	P	P	P	18 46 07.0	+0.9
L16K	Owhat River	72.56	29	I	Amb	I	18 46 08.7	
L16K	Owhat River	72.56	29	P	P	P	18 46 07.6	+1.5
M16K	Timber Creek	72.73	30	P	P	P	18 46 08.8	+1.5
N17K	Nishilik Lake	72.77	30	P	P	P	18 46 09.2	+1.7
H17K	Granite Mounta	72.77	26	P	P	P	18 46 10.1	
H17K	Granite Mounta	72.77	26	P	P	P	18 46 09.3	+1.9
B18K	Kokolik River	72.78	21	P	P	P	18 46 09.5	+2.2
C18K	Utukok River	72.86	22	P	P	P	18 46 09.5	+1.6
E18K	Tukpahlearik C	72.87	23	I	Amb	I	18 46 10.8	
E18K	Tukpahlearik C	72.87	23	P	P	P	18 46 09.8	+1.9
J17K	VABM Dome	72.93	27	I	Amb	I	18 46 11.2	
J17K	VABM Dome	72.93	27	P	P	P	18 46 10.3	+1.9
O16K	Kokwok River B	73.03	31	I	Amb	I	18 46 11.4	
O16K	Kokwok River B	73.03	31	P	P	P	18 46 10.5	+1.5
P16K	Nushagak River	73.03	32	P	P	P	18 46 10.5	+1.5
F18K	Selawik	73.11	24	P	P	P	18 46 10.9	+1.5
R16K	Pilot Point	73.15	33	P	P	P	18 46 10.7	+1.0
A17K	Donlin	73.15	29	P	P	P	18 46 11.9	+2.2
L19K	Wainwright	73.18	20	P	P	P	18 46 11.5	+1.8
K17K	Ittarod	73.21	28	P	P	P	18 46 12.0	+2.0
G18K	Tagagavik	73.42	25	I	Amb	I	18 46 13.4	
G18K	Tagagavik	73.42	25	P	P	P	18 46 12.6	+1.3
H18K	Honhosa River	73.45	25	I	Amb	I	18 46 13.3	
H18K	Honhosa River	73.45	25	P	P	P	18 46 12.7	+1.3
M17K	Holitna River	73.50	29	I	Amb	I	18 46 14.8	
M17K	Holitna River	73.50	29	P	P	P	18 46 13.7	+2.0
C19K	Lookout Ridge	73.51	21	P	P	P	18 46 13.9	+2.2
O17K	Koliganek Bris	73.54	31	P	P	P	18 46 13.4	+1.4
N17K	Nushagak Hills	73.55	30	I	Amb	I	18 46 15.1	
N17K	Nushagak Hills	73.55	30	P	P	P	18 46 14.0	+1.9
R17L	Mt. Peulik Vol	73.81	33	P	P	P	18 46 14.5	+0.8
P17K	Kvichak River	73.84	32	P	P	P	18 46 15.1	+1.4
F19K	Shalerucik Mo	73.88	24	P	P	P	18 46 14.9	+1.1
L18K	Granite Mounta	73.91	29	I	Amb	I	18 46 16.9	
L18K	Granite Mounta	73.91	29	P	P	P	18 46 15.9	+1.8
D19K	Kuna River	73.95	22	I	Amb	I	18 46 16.9	
D19K	Kuna River	73.95	22	P	P	P	18 46 16.1	+1.7
J18K	Innoko River	74.00	27	I	Amb	I	18 46 16.8	
J18K	Innoko River	74.00	27	P	P	P	18 46 15.8	+1.2
GCSA	Galena City Sc	74.03	26	P	P	P	18 46 16.2	+1.5

G19K	Purcell Mount	74.08	24	I	Amb	I	18 46 17.4	
G19K	Purcell Mount	74.08	24	P	P	P	18 46 16.5	+1.5
Q17K	Contact Creek	74.08	33	P	P	P	18 46 15.5	+0.1
CHIR	Chirikof Islan	74.15	35	P	P	P	18 46 17.1	+1.5
E19K	Redstone River	74.16	23	I	Amb	I	18 46 19.6	
E19K	Redstone River	74.16	23	P	P	P	18 46 17.1	+1.6
N18K	Kilae Creek	74.20	30	I	Amb	I	18 46 18.5	
N18K	Kilae Creek	74.20	30	P	P	P	18 46 17.5	+1.6
M18K	Stony River	74.28	29	P	P	P	18 46 17.9	+1.7
TTA	Tatalina	74.28	28	P	P	P	18 46 17.8	+1.4
H19K	Roundabout Mou	74.28	25	P	P	P	18 46 18.0	+1.8
P18K	Big Mountain,	74.47	32	P	P	P	18 46 18.4	+0.9
B20K	Meade River	74.48	20	P	P	P	18 46 19.1	+1.9
GNI	Garni	74.50	30	LR	LR		19 21 55.3	
O18K	Koktuh Hills	74.50	31	P	P	P	18 46 19.2	+1.6
J19K	Poonai	74.52	27	P	P	P	18 46 19.2	+1.6
D20K	Etiuvik River	74.52	22	P	P	P	18 46 19.3	+1.7
Q18K	Katmai Hardscr	74.56	32	P	P	P	18 46 18.0	-0.1
E20K	Nigu River	74.64	22	P	P	P	18 46 19.9	+1.6
F20K	Avaraat Lake	74.70	24	I	Amb	I	18 46 21.3	
F20K	Avaraat Lake	74.70	24	P	P	P	18 46 20.2	+1.6
L19K	White Mountain	74.77	29	I	Amb	I	18 46 21.8	
L19K	White Mountain	74.77	29	P	P	P	18 46 20.7	+1.5
R18K	Kariuk	74.83	33	P	P	P	18 46 19.9	+0.4
N19K	Bonanza Creek	74.89	30	I	Amb	I	18 46 22.7	
N19K	Bonanza Creek	74.89	30	P	P	P	18 46 21.6	+1.6
H20K	Anotlenega Mo	74.93	25	P	P	P	18 46 21.8	+1.8
O19K	Port Alsworth	74.96	31	P	P	P	18 46 21.6	+1.4
SII	Sitkinak Islan	74.96	35	P	P	P	18 46 21.9	+1.5
M19K	Big River Lodg	74.98	29	P	P	P	18 46 22.0	+1.7
I20K	Naaghedeneel	75.06	26	P	P	P	18 46 22.8	+2.1
NCK	Naichik	75.17	312	i	P	P	18 46 21.0	-0.9
J20K	Nowinta River	75.18	27	I	Amb	I	18 46 23.8	
J20K	Nowinta River	75.18	27	P	P	P	18 46 23.3	+1.8
K20K	Telida	75.18	27	P	P	P	18 46 23.2	+1.7
C21K	Knifeblade Rid	75.22	21	P	P	P	18 46 22.9	+1.3
L20K	Forewell, AK	75.24	28	P	P	P	18 46 22.6	+0.7
Q19K	Cape Douglas,	75.28	32	I	Amb	I	18 46 26.3	
Q19K	Cape Douglas,	75.28	32	P	P	P	18 46 22.3	+0.2
A22K	Sinclair Lake	75.31	19	P	P	P	18 46 23.5	+1.5
B21K	Ikpikpuk River	75.32	21	P	P	P	18 46 23.6	+1.5
B21K	Ikpikpuk River	75.32	21	P	P	P	18 46 23.9	+1.8
RAYN	Ar Rayn	75.34	291	P	P	P	18 46 22.6	-0.7
RAYN	Ar Rayn	75.34	291	I	Amb	I	18 46 23.6	
RAYN	Ar Rayn	75.34	291	i	P	P	18 46 22.6	-0.7
RAYN	Ar Rayn	75.34	291	P	P	P	18 46 22.6	-0.7
IMAR	Indian Mountai	75.43	25	P	P	P	18 46 23.3	+0.5
OHAK	Old Harbor	75.46	34	P	P	P	18 46 24.1	+1.0
E21K	Kilikil River	75.47	22	P	P	P	18 46 24.6	+1.6
G21K	Allakaket	75.55	24	I	Amb	I	18 46 26.2	
G21K	Allakaket	75.55	24	P	P	P	18 46 25.3	+1.8
M20K	Styx River	75.57	29	P	P	P	18 46 25.5	+1.6
F21K	Alata River	75.59	23	P	P	P	18 46 25.0	+1.3
KBZ	Khabaz	75.67	312	P	P	P	18 46 24.1	-0.5
KBZ	Khabaz	75.67	312	eP	eP		18 46 22.9	-1.7
B22K	Teshchuk Lake	75.78	20	P	P	P	18 46 26.3	+1.6
H21K	Melozitna Rive	75.80	25	I	A			

17d 18h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J25K, Q23K, KLU, etc.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like EPYK, HSPB, G30M, etc.

1110

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SORM, SORM, N32M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Las Campanas, Mina Guanaco, Juntas del Tor, Cerro LA CRUZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Makanchi Array, Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Raoul Island, Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SJES, STON, UPM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAVOX, CKRC, KWP, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MNK, MNSK, MINSK, etc.

17d 22h

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Table with columns for SPITS (Spitsbergen Ar), KMBO (Kiilima Mbogo), KURB (Kurchatov), MK3 (Makanchi Array), ZAAO (Zalesovo Array), ZALV (Zalesovo Beam), TAXI (Tiksi), SONM (Songoing Array), YAK (Yakutsk), BOS (Boschof), BCX (Boston College), CMAR (Chiang Mai Arr), ENH (Enshi), BILL (Bilibino), E29M (Blow River), KLR (Kul'dur), G29M (Pine Creek), I30M (Mount Dempster), and PETK (Petrozavovsk-2).

ROM 17 22:04:14.0 ± 0.1, 41.514N, 0:0044 ± 0.0007, h21km ± 1km, ML1.6/32, 2C, Error ellipse: s-maj=0.6km s-min=0.1km az=279.0, Southern Italy

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like GATE, MOCO, MELA, SACR, and BSSO.

Table with columns for BSSO (Boschof), T1412 (Lupara (72m)), T1413 (San Martino in), T1414 (Monte Rocchet), MRB1 (Pietraroja), TRIV (Trivento), VITU (Vitulano (BN)), SGTA (Santa Agata di), APRC (Apricena), PAOL (Paolisi), PAOL (Paolisi), SGRT (San Giovanni R), SNAL (S. Angelo Ed), MSAG (Monte S. Angelo), CAPA (Cerinola FG), PALZ (Palazzo San G), MRVNV (Minervino Murg), ACER (Acerenza).

NEIC 17 22:09:18.5 ± 0.9, 33.78N, 0:02 ± 0.2, 116.96W, 0:01, h18km ± 3km, Error ellipse: s-maj=3.1km s-min=1.5km az=186.0

PAS 17 22:09:19.4 ± 1.1, 33.80N, 0:02 ± 0.2, 116.97W, 0:01, h14km ± 3km, ML3.1/277, ML3.0/50(NEIC), Error ellipse: s-maj=2.3km s-min=1.4km az=189.0, Southern California

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like HMT, GRAC, DGR, PFO, BBR, MDR, LMSC, BREC, ADOL, SLH, RHC, EML, CTW.

Table with columns for CTW (Del Amo, Salton City), MTRP (Mission Trails), HOLC (Holcomb Ridge), MWC (Mount Wilson), MONP2 (Monument Peak), SDMC (San Diego Miss), JNH (Juniper Hills), SDRC (San Diego Road), HAY (Hayfield), PASADENA (Pasadena Art C), BOMB (Bombay Beach), SBB (Saddle Back Bu), SBB (Saddle Back Bu), BARR (Barrett), LRRR (Litterlock Res), GR2C (Griffith Obs.), HEC (Hector, Ludlow), OLP (Olney Lakes Par), RPV (Rancho Palos V), CASA (Casa Juvan), DECC (Green Verdugo), TKX (Tecate), BC3 (Big Chuckawall), CIAC (Catalina I. Ai), DJJ (Donna J Jenkin), TJX (Tijuana), TJX (Tijuana), IKP (In-Ko-Pah, Jac), EDW2 (Edwards Air Fo), YUH (Yuha Desert), GSC (Goldstone, Bar), GSC (Goldstone, Bar), IRM (Iron Mountain), CCAC (Calif City Air), GLA (Glamis), GLA (Glamis), ESJX (Sierra Juarez), BLYC (Blythe), SNCC (San Nicolas Is), BCW (Bitter Crk WRG), GWY (Greenwater Val), WCT (Wildcat Moun), SHRP (Sheep Range), TPNV (Topopah Spring), GRAC (Grapevine Ring), Y14A (Wickenburg), DSP (Deep Springs), MZP (Montezuma Peak), PRN (Patrice Range), LCMT (Little Creek M), LHV (Little Huntton), X16A (Lo Mia Camp, P), U15A (North Rim), KNB (Kanab), RL1B (Troy Canyon, C), NV11 (Mina Array Sit), X18A (Snowflake).

IDC 17 22:15:45.6 ± 1.6, 3.48N, 122:58E, h0km, mb3.7/4, mbmt3.7/4, Error ellipse: s-maj=304.3km s-min=20.9km az=62.0, Celebes Sea

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like WRA (Warramunga Arr), ASAR (Alice Springs), MKAR (Makanchi Array), KURB (Kurchatov Arr), MOS (Mogilev), NORS (North Otago R), TIF (Tirohika F), ISC (Ironstone), KMGR (Komgaron), BTKR (Batakoyurt), BTRK (Batakoyurt), VLKR (Vladikavkaz), ARNR (Ardon).

17d 23h

Table with columns: WHAR, WOOLY HOLLOW, OGNIE, T25A, CCM, LCAAR, Z41A, BRDY, PBMO, ECSD, N23A. Includes station names, codes, and coordinates.

IPEC 17 23:11:27.8-0.3, 50.08N-18.50E, h1km, ML2.6/4, Error ellipse: s-maj=2.0km s-min=1.8km az=175.0

PRU 17 23:11:31.6, 50.04N, 18.23E, h0km

VIE 17 23:11:36.9, 1.2, 49.69N, 17.92E, h0km, mb2.17, ml2.3/12, Error ellipse: s-maj=7.4km s-min=4.2km az=30.0

Suspected Mining induced. ISC 17 23:11:28.0-0.8, 50.05N-0.03, 18.37E, h0km, n40, e114/67, Poland

Main table for 17d 23h section, listing station codes (e.g., OKC, MORC, LANS, JAVC, DPC, VRAC, NIE, OSTC, KSP, CHVC, VYHNE, UPIC, KRUC, MODS, STHS, TREC, KECS, PRU, PVCC, CONA, ROSA, RONA, KOLS, ZVC, ZKVC, BRG, HSKC, LESA, ABTA, WATA, MOTA) and their associated data.

IDC 17 23:34:25.5-0.9, 22.54S-170.75E, h0km, mb4.2/11, mbmp4.2/13, ML4.1/2, MS3.7/19, Error ellipse: s-maj=32.5km s-min=18.9km az=160.0

NEIC 17 23:34:26.8, 2.5, 23.0S, 0.1, 170.84E, 0.06, h10km, 1km, mb4.9/35, Error ellipse: s-maj=19.4km s-min=8.3km az=162.0

BGR 17 23:34:29.4, 22.46S-172.69E, h33km, MS4.4

GCMT 17 23:34:29.9, 0.4, 22.92S, 0.03, 170.83E, 0.04, h30km, MW4.9/66, Moment Tensor Solution, s26, c29, s66, c79

Duration: 0 Moment tensor: Scale 10^16Nm; Mr3.20, 21; Mw-2.63, 13; Mo-0.57, 12; Mo0.82, 16; Mo0.30, 20; Mo-0.24, 16; Best double couple: Mc3.060000, 1012

NP1.9, 100.00000, s53.00000, s92.00000, NP2: e=277.00000, s37.00000, s87.00000, Principal axes: T 3.3220, Plg82.0000, Azm20.0000, N -0.5280, Plg2.0000, Azm279.0000; P -2.7970, Plg8.0000, Azm189.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 17 23:34:42.7, 22.42S-169.53E, h0km, MLV3.9/8, Southeast of Loyalty Islands

2018 OCT

ISC 17 23:34:29.4, 0.4, 22.89S, 0.08, 170.80E, 0.07, h31km, n170, o095/155, mb4.8/31, MS3.6/16, 11C-4D, Southeast of Loyalty Islands

Main table for 2018 OCT section, listing station codes (e.g., MARNC, OUEUC, YATNC, LIFUNC, ONTNC, OUEUC, DZM, DZM, DZM, DZM, HNR, EIDS, MRZ, TCW, RPZ, RPTA, CTAO, PMG, STKA, STKA, STKA, COEN, COEN, AS31, ASAR, ASAR, ASAR, WBO, WBO, WBO, FAKI, FITZ, FITZ, GUMO, SOEI, KAPP, KAPP, TOLIZ, TOLIZ, SBA, SBA, CASHY, JHU, MJAR, MJAR, GQSA, GQSA, GQSA, ASAJ, MAW, MAW, PETK, BELA, BELA, ENH, KLR, PHAR, PHAR, CMAR, CMAR, CM31, CHTO, SNA, SNA, SNA, SNA, VNA2, VNA2, VNA2, VNA1, OOD2, OOD2, CMB, AFDM, AFDM, ISA, ISA, OMMB, OMMB, NVAR, NVAR, NV11, NV11, SHL, SHL, UNL, UNL, J05D, J05D, TPNH, TPNH, TPNV, TPNV, SONM, SONM) and their associated data.

1118

Main table for 1118 section, listing station codes (e.g., SONM, ILAR, ILAR, U15A, U15A, TXAR, TXAR, BRTR, ARCA, KOLS, ARR, HUMR, ELND, LANS, RUEG, RUEG, SURR, MORC, MORC, MORC, CHVC, KRKC, DPC, VYHS, VYHS, GORTI, HERR, UPC, BZS, JAVS, FTGT, VRAC, VRAC, PVCC, BRG, BRG, BRG, BRG, CLL, CLL, CLL, CLL, CLL, NRD, KRUC, MOTH, PRU, BOVS, PEHC, EKA, NEUB, CLZ, TAMN, GTTG, PLN, IBBN, MOX, MOX, RONA, CONA, MANZ, KHC, KHC, ROTZ, GEC2, GEC2, GEC2, WET, WET, KASTN, ARSA, FNA, BUG, GRA1, GRA1, GROA, OHR, PUK, BIA, SOKA, PDS, TNS, TNS, RJBA, RJBA, KBA, LESA, FUR, MYKA, STU, STU, WATA, WATA, MOTA, WLF, RETA, SQT, STA, STA, STA, BFO) and their associated data.

18d Oh

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Babbage River, Fort Yukon, John River, etc.

2018 OCT

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Tanana, Clear Creek Bu, Salcha River, etc.

1120

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Telida, Purkeypile, Granite Mounta, etc.

NAO 18 00:28:35.6, 34.42N-24.19E, h33km, mb4.1
IDC 18 00:28:50.1, 0.8, 36.14N-21.74E, h0km, mb4.1/18,
mbmp4.0/25, ML3.7/6, MS3.3/5, Error ellipse:
s-maj=17.0km s-min=13.6km az=163.0
BEO 18 00:28:51.4, 4.4, 35.71N-21.09E, h67km, ML3.7/9
NEIC 18 00:28:52.7, 2.6, 36.09N-0.06E, 21.66E, 0.08, 1.0km,
mb4.2/16, Error ellipse: s-maj=10.7km s-min=10.4km
18 00:28:55.0, 36.05N-21.52E, h127km, 3km, ML3.4/6, Error
ellipse: s-maj=3.6km s-min=1.0km az=223.0
ATH 18 00:28:55.9, 36.08N-21.60E, h27km, 10km, ML3.4/13,
Error ellipse: s-maj=11.1km s-min=1.6km az=224.0
PDG 18 00:28:58.0, 0.7, 36.11N-21.58E, h23km, 11km, ML3.9/12,
Error ellipse: s-maj=2.4km s-min=3.0km az=0.0
ISC 18 00:28:54.9, 0.8, 36.15N-0.05E, 21.53E, 0.04, h7km, 1km,
n192, z200/220, mb4.1/21, 2C-9D, Southern Greece

Code	Station Name	A°	AZ°	Phase	ID	ISC	Time	Res
							h m s	ISC
PYL	PYLOS	0.77	13	Op	P	P	00 29 09.9	+0.7
ITM	ithomi	1.08	17	P	S	S	00 29 32.1	+4.9
ITM	ithomi	1.08	17	P	S	S	00 29 15.3	+1.8
ITM	ithomi	1.08	17	P	S	S	00 29 29.4	+2.2
ITM	comp=E,3943um,0.4s			AML			00 29 41.2	
ITM	comp=N,4592um,0.4s			AML			00 29 41.2	
VLI	Veliai	1.27	63	P	S	Pn	00 29 17.5	+1.4
VLI	Veliai	1.27	63	P	S	Pn	00 29 36.2	+4.3
VLI	comp=N,2um,0.5s			AML			00 29 17.2	+1.1
VLI	comp=N,5544um,0.6s			AML			00 29 42.5	
VLI	comp=N,4302um,1.2s			AML			00 29 45.1	
MNVA	Monemvasia	1.33	66	P	Pn	Pn	00 29 17.6	+0.7
ANKY	Antikythira Is	1.46	100	S	S	S	00 29 20.1	+1.4
ANKY	ANKY	1.46	100	S	S	S	00 29 38.7	+2.1
ANKY	comp=E,1um,0.6s			AML			00 29 19.4	+0.7
ANKY	ANKY	1.46	100	S	S	S	00 29 35.5	-1.1
ANKY	ANKY	1.46	100	S	S	S	00 29 47.6	
ANKY	comp=E,2886um,0.7s			AML			00 29 47.7	
LTHK	Lithakia	1.66	341	P	Pn	Pn	00 29 22.9	+1.5
LTHK	Lithakia	1.66	341	P	Pn	Pn	00 29 45.9	+4.5
KRND	KRANIDI	1.79	46	P	Pn	Pn	00 29 24.7	+1.4
KRND	KRANIDI	1.79	46	P	Pn	Pn	00 29 24.6	+1.3
KRND	comp=E,1490um,0.5s			AML			00 30 01.6	
KRND	comp=N,1449um,0.7s			AML			00 30 03.6	
GRO	Drossia	1.81	5	P	Pn	Pn	00 29 26.8	+3.3
GRO	Goura	1.90	20	P	Pn	Pn	00 29 28.0	+3.1
RUD	Rodopos	1.90	107	P	Pn	Pn	00 29 26.1	+1.3
RLS	Riolos of Patr	1.91	358	P	Pn	Pn	00 29 28.3	+3.4
RLS	Riolos of Patr	1.91	358	P	Pn	Pn	00 29 27.7	+2.8
RLS	comp=N,1111um,0.7s			AML			00 30 15.7	
RLS	comp=N,1111um,0.7s			AML			00 30 19.6	
KLK	Klavryta, Ach	1.96	14	P	Pn	Pn	00 29 28.7	+3.1
KLK	Klavryta, Ach	1.96	14	P	Pn	Pn	00 29 28.8	+2.8
KLK	comp=N,1000um,0.7s			AML			00 30 17.1	
KLK	comp=N,1000um,0.7s			AML			00 30 17.6	
YDRA	Hydra	1.96	52	P	Pn	Pn	00 29 26.9	+1.3
KNDR	Palaiochora Ch	1.98	117	P	Pn	Pn	00 29 25.5	-0.2
KNDR	comp=E,1205um,0.5s			AML			00 30 10.7	
KNDR	comp=N,1072um,0.5s			AML			00 30 15.7	
RTZL	Ratzakli, Kefa	2.02	343	P	Pn	Pn	00 29 29.5	+3.1
PSDA	Pessada-Kefalo	2.10	339	P	Pn	Pn	00 29 30.6	+3.1
PSDA	PSDA	2.10	339	P	Pn	Pn	00 29 56.8	+4.4
PSDA	comp=N,330nm,0.2s			AML			00 29 30.3	+2.8
PSDA	Pessada-Kefalo	2.10	339	P	Pn	Pn	00 29 30.3	+2.8
IMMV	Iera Moni Meta	2.11	108	P	Pn	Pn	00 29 28.4	+0.8
IMMV	Iera Moni Meta	2.11	108	P	Pn	Pn	00 29 28.2	+0.6
IMMV	comp=E,1559um,0.5s			AML			00 30 18.4	
IMMV	comp=N,1662um,0.7s			AML			00 30 21.3	
VLS	Valsamata	2.16	340	P	Pn	Pn	00 29 31.0	+2.6
VLS	Valsamata	2.16	340	P	Pn	Pn	00 29 58.3	+4.4
VLS	comp=N,222nm,0.2s			AML			00 29 30.6	+2.3
VLS	Valsamata	2.16	340	P	Pn	Pn	00 30 05.9	
VLS	comp=E,509um,0.2s			AML			00 30 07.7	
DMLN	Damoulianiata-K	2.28	336	P	Pn	Pn	00 29 32.4	+2.4
DMLN	Damoulianiata-K	2.28	336	P	Pn	Pn	00 29 32.1	+2.0
KALE	Kalithia	2.29	12	P	Pn	Pn	00 29 34.0	+3.8
KALE	Kalithia	2.29	12	P	Pn	Pn	00 29 34.7	+2.8
KALE	comp=N,991um,0.5s			AML			00 30 26.4	
KALE	comp=N,991um,0.5s			AML			00 30 29.8	
FSK	Fiskardo, Ach	2.43	342	P	Pn	Pn	00 29 35.2	+3.1
GVD	Gavdhos	2.46	121	P	Pn	Pn	00 29 32.3	-0.2
GVD	Gavdhos	2.46	121	P	Pn	Pn	00 29 32.3	-0.2
VILL	Villia	2.47	35	P	Pn	Pn	00 29 33.9	+1.3
ATHU	Athens Univers	2.56	44	P	Pn	Pn	00 29 34.3	+0.5
ATHU	ATHU	2.56	44	P	Pn	Pn	00 30 19.3	
ATHU	comp=N,114um,0.7s			AML			00 30 29.9	
EVGI	Lefkada island	2.57	345	P	Pn	Pn	00 29 37.1	+3.2
NYDR	Nydra-Lefkada	2.65	346	P	Pn	Pn	00 29 37.4	+3.4
DION	Dionisos Attik	2.72	44	P	Pn	Pn	00 29 36.8	+0.8
DION	DION	2.72	44	P	Pn	Pn	00 30 26.7	
DION	comp=N,843um,0.9s			AML			00 30 28.4	
DION	comp=N,1008um,0.6s			AML			00 30 28.4	
LKD2	Lefkada island	2.73	346	P	Pn	Pn	00 29 39.8	+3.7
TSLK	Tsoukalades, L	2.76	346	P	Pn	Pn	00 29 39.9	+3.3
IDI	Anoyia	2.87	106	Pn	Pn	Pn	00 29 37.3	-0.8
IDI	Anoyia	2.87	106	Pn	Pn	Pn	00 29 36.8	-1.2
IDI	comp=N,1.5nm,0.3s,baz=309,slow=8.4,SNR=24			S	S	S	00 30 12.0	+0.7
IDI	comp=N,1.5nm,0.3s,baz=331,slow=19,SNR=4.4			S	S	S	00 30 12.0	+0.7
IGT	Igoumenitsa	3.51	345	P	Pn	Pn	00 29 49.2	+2.3
IGT	Igoumenitsa	3.51	345	P	Pn	Pn	00 29 49.2	+2.3
IGT	comp=N,153um,0.3s			AML			00 30 31.0	
IGT	comp=N,153um,0.3s			AML			00 30 32.2	
IGT	comp=E,110um,0.3s			AML			00 29 50.8	+2.7
TYRN	Tyrnavos	3.60	9	P	Pn	Pn	00 29 53.0	+2.0
KEK	Kerkira	3.81	339	Pn	Pn	Pn	00 29 56.2	+2.3
LIT	Litokhoron	4.02	11	Pn	Pn	Pn	00 30 43.2	+3.4
LIT	LIT	4.02	11	Pn	Pn	Pn	00 30 04.1	+3.5
KBN	Korca	4.51	353	Pn	Pn	Pn	00 30 03.9	+2.0
VLO	Vlora	4.60	329	Pn	Pn	Pn	00 30 01.7	+1.7
SCTE	Santa Cesarea	4.61	96	Pn	Pn	Pn	00 30 01.3	+0.8
KARP	Karpathos	4.61	96	Pn	Pn	Pn	00 30 04.8	+2.4
FNA	Florina	4.63	359	Pn	Pn	Pn	00 30 04.6	+2.3
FNA	Florina	4.63	359	Pn	Pn	Pn	00 30 55.2	+0.3
FNA	FNA	4.63	359	Pn	Pn	Pn	00 30 06.9	+1.6
THR	Timpanagrade	4.85	310	Pn	Pn	Pn	00 31 07.7	+4.0
OHM	Ohrid	4.99	354	Pn	Pn	Pn	00 30 12.4	+2.0
SRS	Serrai	5.22	17	ePn	Pn	Pn	00 30 14.5	+2.3
TIR	Tirane	5.35	346	Pn	Pn	Pn	00 30 19.0	+2.5
MMB	Musomisha	5.66	17	Pn	Pn	Pn	00 30 18.5	+1.1
WDD	Wied Dalam	5.72	10	Pn	Pn	Pn	00 30 20.5	+1.9
PEHC	Pechevo	5.82	12	Pn	Pn	Pn	00 30 21.7	+2.5
KKB	Krupnik	5.82	12	Pn	Pn	Pn	00 30 21.7	+2.5
RAFF	Raff Rosso	5.86	283	Pn	Pn	Pn	00 30 21.2	+1.9
VAE	Valguarnera	5.86	285	Pn	Pn	Pn	00 31 25.5	+0.3
VAE	comp=N,14nm,0.8s,baz=221,slow=20,SNR=1.8			S	S	S	00 30 20.9	+0.9
VAE	comp=N,14nm,0.8s,baz=221,slow=20,SNR=2.0			S	S	S	00 30 21.5	+1.4
ALN	Alexandropoli	5.92	35	Pn	Pn	Pn	00 30 23.2	+1.7
CUC	Castrocucco	5.92	312	Pn	Pn	Pn	00 30 22.0	+1.0
PUK	Puka	6.02	348	Pn	Pn	Pn	00 31 28.4	-2.0
ULC	Ulcinj	6.08	344	Pn	Pn	Pn	00 30 24.5	+2.2
ULC	ULC	6.08	344	Pn	Pn	Pn	00 30 26.3	+2.1
RZN	Rozhen	6.23	27	Pn	Pn	Pn	00 30 26.0	+0.8
KDZ	Kurdzhali	6.23	27	Pn	Pn	Pn	00 30 26.1	+0.8
DRME	Dracevica, Mon	6.30	344	Pn	Pn	Pn	00 30 26.1	+0.8
DRME	DRME	6.30	344	Pn	Pn	Pn	00 30 28.6	+2.2
BOSS	Bosilegrad	6.38	6	Pn	Pn	Pn	00 30 28.0	+0.3
BUM	Brajići-Budva	6.48	342	Pn	Pn	Pn	00 31 38.0	-2.3
BUM	BUM	6.48	342	Pn	Pn	Pn	00 30 30.3	+2.4
PLNA	Plana	6.49	13	Pn	Pn	Pn	00 30 29.1	+1.0
PDG	Podgorica	6.52	345	Pn	Pn	Pn	00 30 28.2	-0.0
PDG	Podgorica	6.52	345	Pn	Pn	Pn	00 30 27.7	-0.5
PDG	PDG	6.52	345	Pn	Pn	Pn	00 31 38.1	-3.1
PVY	Plav	6.55	350	Pn	Pn	Pn	00 30 29.6	+0.8
PVY	PVY	6.55	350	Pn	Pn	Pn	00 31 39.1	-3.2
VTS	Vitoshka	6.60	11	Pn	Pn	Pn	00 30 31.0	+1.6

VTS	Vitoshka	6.60	11	ePn	Pn	Pn	00 30 31.0	+1.6
BARS	Barje	6.67	2	ePn	Pn	Pn	00 30 42.8	-0.6
DIM	Dimitrovgrad	6.68	27	P	Pn	Pn	00 30 32.8	+2.4
CEM	Cevo	6.70	343	P	Pn	Pn	00 30 30.8	0.0
CEM	CEM	6.70	343	P	Pn	Pn	00 30 31.2	+0.4
HCY	Herceg Novi	6.72	340	ePn	Pn	Pn	00 30 30.5	-0.4
HCY	Herceg Novi	6.72	340	ePn	Pn	Pn	00 30 30.9	-0.0
HCY	HCY	6.72	340	ePn	Pn	Pn	00 31 43.6	-2.5
TRAN	Tran	6.74	7	i	P	Pn	00 30 33.8	+2.4
ELL	Elmali	6.78	62	P	Pn	Pn	00 30 30.6	-1.4
IVA	Berane	6.83	350	P	Pn	Pn	00 31 46.9	-3.9
IVA	IVA	6.83	350	P	Pn	Pn	00 31 46.4	-2.7
KOME	Kolasin	6.87	348	P	Pn	Pn	00 30 34.6	+1.4
KOME	KOME	6.87	348	P	Pn	Pn	00 31 47.7	-2.4
NKME								

Table with columns: Code, Station Name, Az, El, P, S, Res, Res I, Res S, Res C. Includes stations like San Pedro de A, Choya, Limon Verde, etc.

TEH 18 01:04:52.8, 35.27N, 46.26E, h6km, 86km, ML3.1
ISN 18 01:04:54.0, 0.3, 35.31N, 46.29E, h6km, 4km, ML2.9

ISC 18 01:04:53.7, 1.4, 35.29N, 0.03, 46.28E, 0.03, h0km, 14km, n13, c0917/18, Iran-Iraq border region

Table with columns: Code, Station Name, Az, El, P, S, Res, Res I, Res S, Res C. Includes stations like Dehrash, Lien, Ghaleghazi, etc.

IDC 18 01:12:56.9, 0.5, 8.25S, 116.13E, h0km, mb4.3/19, mbmp4.3/21, ML3.9/2, MS3.6/35, Error ellipse: s-maj=20.9km s-min=12.7km az=69.0

NEIC 18 01:12:58.9, 1.6, 8.24S, 0.08, 116.18E, 0.05, h10km, 1km, mb4.6/29, Error ellipse: s-maj=14.5km s-min=5.9km az=158.0

DJA 18 01:12:59.0, 0.2, 8.3, 11.6E, h10km, M4.7/14, mb4.8/3, mb5.2/2, MLv4.7/14, M, S, (mb)4.6/2

ISC 18 01:12:58.4, 0.4, 8.30S, 0.05, 116.20E, 0.03, h10km, n100, c0181/96, mb4.5/29, MS3.7/32, 3C, Sumbawa region

Main table with columns: Code, Station Name, Az, El, P, S, Res, Res I, Res S, Res C. Includes stations like Singaraja, Denpasar, Alai, etc.

IDC 18 01:12:56.9, 0.5, 8.25S, 116.13E, h0km, mb4.3/19, mbmp4.3/21, ML3.9/2, MS3.6/35, Error ellipse: s-maj=20.9km s-min=12.7km az=69.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Res I, Res S, Res C. Includes stations like MKAR, AAK, WSAR, etc.

ISN 18 01:12:59.8, 0.8, 34.61N, 46.21E, h6km, 9km, ML2.7
TEH 18 01:13:00.7, 34.61N, 46.21E, h10km, 28km, ML2.7

ISC 18 01:13:00.7, 1.1, 34.62N, 0.04, 46.20E, 0.03, h7km, 11km, n13, c0917/18, Western Iran

Table with columns: Code, Station Name, Az, El, P, S, Res, Res I, Res S, Res C. Includes stations like IDHR, IGHG, KGS1, etc.

IDC 18 01:15:13.9, 1.7, 17.04S, 179.27W, h546km, 18km, mb3.3/8, mbmp4.2/10, Error ellipse: s-maj=78.6km s-min=16.5km az=151.0

NEIC 18 01:15:13.8, 1.0, 17.4S, 0.2, 179.0W, 0.1, h546km, 10km, mb4.1/15, Error ellipse: s-maj=36.8km s-min=9.6km az=159.0

ISC 18 01:15:12.7, 0.8, 17.5S, 0.2, 179.0W, 0.1, h539km, n32, c0813/32, mb4.0/17, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, Res, Res I, Res S, Res C. Includes stations like MSVF, DZM, EIDS, etc.

IDC 18 01:15:12.7, 0.8, 17.5S, 0.2, 179.0W, 0.1, h539km, n32, c0813/32, mb4.0/17, Fiji Islands region

Table with columns: Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like Guaynabo City, Patillas Dam, and Cerrillos.

18d 18:02:36:23.4, 1.7, 28.65S, 177.45W, h47km, 13km, mb3.7/8, mbmp4.0/10, MLS.4/1, MS3.0/4, Error ellipse: s-maj=23.5km s-min=20.2km az=103.0

NEIC 18:02:26.9, 1.3, 29.0S, 0.1, 177.47W, 0.10, h63km, 5km, mb4.6/1.0, Error ellipse: s-maj=19.2km s-min=11.3km az=159.0

ISC 18:02:36:24.9, 0.6, 28.93S, 0.09, 177.47W, 0.1, h57km, n54, s158/46, mb4.3/19, 4C, Kermadec Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like Raoul Island, Urewera, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like NORSAR Subarra147.38 352, NOA, HFS, and ARPR.

DJA 18:03:02:29.8, 0.9, 10.5S, 6.113E, h11km, 7km, M4.0/12, mb4.2/1, MLV3.8/12, South of Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like JAGI, PWJI, BLJI, and others.

KRSC 18:03:02:55.3, 0.7, 53.95N, 159.89E, h121km, 7km, ML3.7, IDC 18:03:02:56.9, 1.9, 54.04N, 159.52E, h137km, 33km, mb3.3/5, mbmp3.7/5, Error ellipse: s-maj=64.2km s-min=24.4km az=1.0

ISC 18:03:02:55.7, 0.8, 53.96N, 0.05, 159.82E, 0.08, h127km, 7km, n38, c086/49, mb3.4/5, Near east coast of Kamchatka Peninsula

Main station list table for the 2018 OCT section with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like KII, NLC, SPN, and many others.

BEO 18:03:12:37.0, 3.3, 36.47N, 20.03E, h102km, 2km, ML4.0/14, NAO 18:03:12:37.3, 3.7, 36.76N, 23.27E, h33km, mb3.6/12, mbmp3.7/24, ML3.5/9, MS3.2/8, Error ellipse: s-maj=15.2km s-min=12.7km az=169.0

THE 18:03:12:41.9, 3.7, 14N, 20.4E, h2km, 1km, ML3.9/10, Error ellipse: s-maj=1.8km s-min=0.7km az=259.0

TIR 18:03:12:42.8, 2.3, 37.45N, 20.04E, h10km, 7km, ML3.9, NEIC 18:03:12:42.8, 2.1, 37.18N, 0.07, 20.53E, 0.07, h10km, 1km, mb4.4/10, Error ellipse: s-maj=11.7km s-min=10.0km az=195.0

MCSM 18:03:12:42.7, 0.8, 37.18N, 20.04E, h10km, mb4.5, MLV3.9, ATH 18:03:12:44.6, 3.7, 28N, 20.57E, h6km, 2km, ML3.8/10, Error ellipse: s-maj=4.3km s-min=0.9km az=47.0

PDG 18:03:12:48.6, 0.8, 37.23N, 20.46E, h22km, 11km, ML3.8/11, Error ellipse: s-maj=2.2km s-min=2.8km az=0.0

ISC 18:03:12:43.0, 1.2, 37.24N, 0.03, 20.47E, 0.03, h16km, 7km, n174, c174/218, mb3.9/16, c83.3/5, 6C-6D, Ionian Sea

Main station list table for the 2018 OCT section with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like KRII, LTHK, RTZL, and others.

Main station list table for the 2018 OCT section with columns: Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like LXRA, DMLN, DMLN, and many others.

18d 3h

YKA Yellowknife Ar 80.10 2 P P 03 33 11.2 +1.1
comp=2.0,6nm,0.8s,baz=348,slow=5.8,SNR=3.9
comp=2.0,6nm,0.8s

NEIC 18 03:40:53.8:1.4, 55.92N:0.07:150.0W:0.1, h10km, 7km,
ML3.5/58, ML3.4/AEIC, Error ellipse: s-maj=11.2km
s-min=8.1km az=160.0

AEIC 18 03:40:58.5:1.3, 55.90N:0.06:150.0W:0.1, h10km, 7km,
Error ellipse: s-maj=9.5km s-min=7.8km az=56.0

ISC 18 03:40:51.7:1.8, 55.80N:0.10:150.02W:0.07, h10km,
n174, 0.19/16/165, Gulf of Alaska

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists various stations like OHAK, HGH, SII, R18K, SYI, CHIR, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like SAMH, N16K, GRNC, etc.

IDC 18 03:46:03.6:4.2, 6.03S:150.04E, h0km, mb3.1/2,
mbmt=0.4/3, ML1.1/1, Error ellipse: s-maj=180.0km
s-min=10.5km az=120.0, New Britain region

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

SOME 18 03:50:01.9, 43.13N:79.75E, h20km
NMC 18 03:50:02.6:0.8, 43.10N:79.68E, h0km, mb3.3, mpv3.5,
Error ellipse: s-maj=4.6km s-min=4.2km az=131.0

KRNET 18 03:50:03.2:0.1, 43.22N:79.69E, h21km, mb3.3
ISC 18 03:50:03.4:1.2, 43.18N:79.70E:0.04, h10km, gkm,
n52, 0.19/19/3, 14C-12D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like SHLS, PDGK, UZB, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like SATY, DJR, KURS, etc.

CNRM 18 03:59:57.3, 35.84N:9.93W, h72km, ML2.3
MDD 18 03:59:58.9:0.7, 35.80N:10.00W, h34km, 17km,
mb_Lg2.9R, Error ellipse: s-maj=9.6km s-min=3.7km
az=96.0
INMG 18 03:59:59.9:1.2, 35.82N:10.01W, h33km, 10km, ML2.0,
Error ellipse: s-maj=7.8km s-min=3.8km az=82.0
SFS 18 03:59:59.4, 35.80N:9.93W, h30km, ML3.5/13, ML3.4/13,
MLV3.4/13
IGL 18 04:00:00.5, 35.90N:9.98W, h24km, ML2.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include UPD2 Meteti, CHPO Chepo, FLAM Flamenco Islan, etc.

IDC 18 04:22:45.01.3, 1.73N, 97.32E, h0km, mb4.0/10, mbtmp4.0/11, ML4.9/1, Error ellipse: s-maj=58.6km s-min=19.0km az=54.0

DJA 18 04:22:55.2.0.3, 2.1N, 97.68E, h45km, mb4.3/11, mb5.0/2, MLV4.0/11

NEIC 18 04:22:55.2.1.1, 2.11N, 0.05:97.68E, h52km, mb4.6/13, Error ellipse: s-maj=9.0km s-min=6.4km az=78.0

ISC 18 04:22:52.6.0.5, 2.09N, 0.04:97.72E, h33km, n42, n1874/2, mb4.3/17, Northern Sumatara

Main table for station data on the left side, including stations like GSI Gunungsitoli, RNT Rantau Prapat, etc.

MOS 18 04:29:01.1.1, 4.69N, 96.17E, h12km, mb4.9/26, Error ellipse: s-maj=10.2km s-min=5.9km az=122.4

NEIC 18 04:29:02.5.1.1, 4.69N, 0.06:96.13E, h7km, mb4.8km, mb4.9/54, Error ellipse: s-maj=9.7km s-min=5.8km az=145.0

BUI 18 04:29:02.9.4.1, 6.4N, 95.94E, h5km, mb4.6/54, mB5.0/26, Ms4.9/56, Ms7.1/96

IDC 18 04:29:03.2.2.0, 4.76N, 96.14E, h14km, mb4.3/31, mbtmp4.3/32, ML4.5/2, MS4.3/65, Error ellipse: s-maj=18.1km s-min=11.5km az=60.0

DJA 18 04:29:05.7.0.4, 5.1N, 97.6E, h15km, mb4.3/13, mb5.0/43, mB5.6/18, MLV5.3/13, Mw(mB)5.1/18, MwMwp6.4/1, Mwp6.3/1

GCMT 18 04:29:07.5.0.2, 4.78N, 0.01:96.25E, h10km, 1km, MW5.0/120, Moment Tensor Solution. s51, c58; s120, c181; Duration: 0 Moment tensor: Scale 1016Nm; Mn=0.14z=13; Mxx=4.13z=11; Mxy=4.27z=11; Myz=1.43z=26; Mzz=0.45z=09; Mxz=0.44z=21; Best double couple: Mw=4.7700x1016 Np1=347.00000; s33.00000; l=18.00000; NP2=139.00000; s73.00000; l=172.00000; Principal axes: T 4.3560, P1g7.0000, Azm94.0000; N 0.2480, P1g71.0000; Azm205.0000; P -4.5990, P1g18.0000; Azm2.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 04:29:04.0.0.5, 4.69N, 0.03:96.15E, h15km, 2km, h16km, pP-P, n332, n184/304, mb4.8/119, MS4.4/84, 6C-4D, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include MLI5 Meulaboh, LHMI Lhok Sumawe, etc.

Main table for station data in the middle, including stations like GSI Gunungsitoli, SRIT Nakonsritamara, etc.

Main table for station data on the right side, including stations like KAPI Kappang, NRDN NARMIADA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS, CTI, Castel Tesino, SQT, MOTA, SPITS, etc.

1804:42:25.9:1.8, 2.15N:126.43E, h0km, mb3.5/5, mbtmp3.6/5, Error ellipse: s-maj=120.3km s-min=22.3km az=69.0, Northern Molucca Sea

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

1804:57:18.7:1.4, 14.8S:0.3:66.5E, 0.2, h19km, n39, +060/26, mb4.4/24, MSZ.5/4, Mid-Indian Ridge

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

1804:59:05.4:2.1, 1.870S:178.17W, h543km, mb3.3/6, mbtmp4.2/7, Error ellipse: s-maj=24.5km s-min=23.6km

1804:59:09.8:1.9, 18.1S:0.1:178.3W, 0.1, h584km, 12km, mb4.3/21, Error ellipse: s-maj=21.1km s-min=18.1km az=208.0

1804:59:09.1:0.7, 18.1S:0.1:178.3W, 0.1, h579km, n32, +012/33, mb4.2/16, Fiji Islands region

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

1805:18:15.4:35.41N:141.24E, h25km, mb5.0/84, mb5.0/32, Ms4.5/69, Ms7.4/3/66

1805:18:22.4:0.9, 35.46N:140.74E, h47km, mb5.2/68, MS4.1/8, Error ellipse: s-maj=8.9km s-min=4.3km

1805:18:22.7:35.51N:140.96E, h41km, MW4.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^16N/m

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N18K, V35K, etc.

1805:18:22.7:1.4, 35.52N:0.05:140.79E, 0.08, h35km, 5km, 1.84, 0.00000"

mb4.9/234 Error ellipse: s-maj=9.1km s-min=6.7km az=94.0, JMA 18 05:18:22.7:0.2, 35.5N:0.6:141.1E, h41km, 1km, MD4.9/32, MW4.8/32, NEAR CHOSHI CITY

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

1805:18:22.1:0.4, 35.54N:0.03:140.90E, 0.03, h33km, 1km, h33km, P, n983, +1986/897, mb5.0/274, MS4.2/80, MSZ.1/4D, Near east coast eastern Honshu

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

1805:18:22.7:0.3, 35.45N:0.04:140.92E, 0.03, h51km, 1km, MW4.9/89, Moment Tensor Solution. s37, c46, s89, c120; Duration: 0 Moment tensor: Scale 10^16N/m

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

1805:18:22.7:1.4, 35.52N:0.05:140.79E, 0.08, h35km, 5km, 1.84, 0.00000"

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

1805:18:22.7:1.4, 35.52N:0.05:140.79E, 0.08, h35km, 5km, 1.84, 0.00000"

Table with columns for station code, name, time, and various status indicators. Includes stations like SHIKOTAN, KOREA ARRAY, WUHAN, and many others.

Table with columns for station code, name, time, and various status indicators. Includes stations like HAILAR, XILINHOTE, GUAM, and many others.

Table with columns for station code, name, time, and various status indicators. Includes stations like WAKE ISLAND, SONGINGO ARRAY, and many others.

18 6h

Table with columns: ARSA, ARzberg, 84.21 326 eP, P, 05 30 50.7 +0.6, etc. Includes stations like Grafenberg Arr, SOKA, EIL, TNS, etc.

2018 OCT

Table with columns: LPAZ, La Paz, 147.83 61 eP, PKPdf, 05 38 02.2 +0.2, etc. Includes stations like Kuchov Array, WRA, SONM, etc.

1136

Table with columns: TENO, El Achote, 1.59 83 eP, Pn, 06 06 29.0 -2.4, etc. Includes stations like JUNT, JTS, APQ2, etc.

18d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zalesovo Array, Zalesovo Beam, Songoing Array, Songoing Array, Ulanbaatar, Hachiojima 2.

NAO 18 07:37:25.2, 35.08N-24.47E, h33km, mb3.6
IDC 18 07:37:35.6, 1.2, 36.36N-21.84E, h0km, mb3.9/11,
mbmp3.8/14, ML3.1/2, MS2.8, Error ellipse:
s-maj=21.5km s-min=17.4km az=13.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations and their associated data points.

2018 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations and their associated data points.

1138

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NORSAR Subarra, NORSAR Array B, TORO Torodi Ar, ARCESS Array B, Borovoye Array, Kurchatov Arra, Makarini Array, Zalesovo Beam, Magadan.

NDI 18 07:51:52.8, 3.7, 34.42N-89.60E, h10km, mb4.8, ML4.3,
mb4.7(N/EIC)
IDC 18 07:51:56.9, 0.5, 33.39N-89.20E, h0km, mb4.3/24,
mbmp4.3/29, ML4.0/6, MS4.3/67, Error ellipse:
s-maj=15.0km s-min=11.5km az=43.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations and their associated data points.

18d 8h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like VRH Novokhoporsky, MAJO Matsushiro, MJAR Matsushiro Arr, etc.

2018 OCT

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SEY Seymchan, MLR Muntele Rosu, BURAR Bucovina Arr, etc.

1140

Table with columns: Station Name, Time, Res, and various codes. Includes stations like LBTB Lobatse, BOSA Boshof, BOSA, etc.

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

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

NIED 18 08:41:01.6, 42°02'N, 142°16'E, h64km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm^2...

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNBK, JNEK, JEM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STLK, DFR, M22K, etc.

18d 10h

Table with columns: ID, Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Date, Time, Status, and other parameters. Includes entries like P18K Big Mountain, CAST Castle Rocks, RND Reindeer, etc.

2018 OCT

Table with columns: ID, Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Date, Time, Status, and other parameters. Includes entries like CCB Clear Creek Bu, K17K Iditarod, L26K Log Cabin Wild, etc.

1142

Table with columns: ID, Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Date, Time, Status, and other parameters. Includes entries like F20K Avaraart Lake, I28M Miner Creek, H27K Steamboat Moun, etc.

ISC 18 10:14:57.0,6.267S,0.11677E,0.1,h10km,n43,
c040.16,mb4.2/16,MS3.6/30,Indian Ocean Triple
Junction

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H04N2 CROZET ISLANDS 23.16 209 T, H04N1 CROZET ISLANDS 23.17 209 T, H04N3 CROZET ISLANDS 23.18 209 T, PALK Pallekele, BOSA Boshof, BOSA, LBTB Lobatse, KMBO Kilima Mbogo, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, SUR Sutherland, MAW Mawson, MAW Narrogin (SRO), MBAR Mbarara, ATD Art Tunnel, FURI Furi, CMAR Chiang Mai Arr, CMAR, SNAA, SNAA, ASAR Alice Springs, ASAR, WRA Warramunga Arr, QSPA South Qui, QSPA, STKA Stephens Creek, EIL, MMAI Mount Meron Ar, AAK Ala-Archa, GNI Garni, BRTR Keskin Array B, BRTR, KBZ Khabaz, MKAR Makanchi Array, MKAR, TORO Tori Ar. Bea, TORO, AKTO Aktyubinsk, DBIC Dimbokro, DBIC, KURBB Kurchatov Arr, BVAR Borovoye Array, BVAR, BELG Belogoroye, ZALV Zalesovo Beam, ZALV, SONMI Songino Array, AKASG Malin Array Be, AKASG, MJAR Matsushiro Arr, NOA NORSAF Array B

GII 18 10:18:06.9,0.3,33.689N,0.002-36.285E,0.001,h0km,
confirmed

GRAL 18 10:18:09.0,0.3,33.63N,36.32E,h12km,2km,MD2.9
ISC 18 10:18:07.7,1.3,33.87N,0.04-36.29E,0.09,h0km,n23,
c049.0/5,Jordan-Syria region

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include RCY Rachaya, QRWL Qaraoun, SHBL Chebaa, BHL Bhamnes, DQRL Deir Qamar, NATI Neve Ativ, NATI Neve Ativ, NATI Hawqa, HWQ, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, KSHT Keshet, KSHT Keshet, BEIL Beino, BEIL, MMAOB Mount Meron ar, MMAOB Mount Meron ar, OFRI Of'er, OFRI Of'er, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Sa'it, SLTI Sa'it, DSI Dead Sea, DSI Dead Sea

ISC 18 10:23:14.9,0.6,10S,150.71E,h98km,61km,mb3.8/2,
mbtmp4.0/3,ML1.5/1, Error ellipse: s-maj=110.4km
s-min=60.2km az=121.0,New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include PMG Port Moresby, PMG, WRA Warramunga Arr, ASAR Alice Springs, TORO Tori Ar. Bea

JMA 18 11:04:05.9,0.0,35.56N,0.1-136.3E,0.1,h38km,MV3.4/40,
SHIGA GIFU BORDER REGION
JMA Fell II J1 at SHIGA GIFU BORDER REGION.
ISC 18 11:04:06.4,0.9,35.42N,0.04-136.30E,0.03,h31km,9km,
n18,c18N/28,8D,Western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include JFM Mihama, JEG Eigenji, JYTA Yamagataniya, INU Inuyama, TSUJ Tsu 2, JWT Wachi, JKG Kaga, JGF Kuroka, JHE Heguri, JKY Yasaka, JKY Ise, JKN2 Miekiokhu, JKN2, JKS Kasai, JSG Sagara, JMN Monobe, JMM Marumori, JNU Nakatsue, JEM Erimo

BUL 18 11:12:45.6,0.6,16.70S,35.91E,h24km,20km,MD3.7
BGSI 18 11:12:52.4,2.1,16.96S,35.74E,h0km,999km,ML3.9
ISC 18 11:12:49.7,1.4,16.89S,0.05-35.30E,0.09,h10km,n19,
c185S/38,1D,Malawi

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include ZOMB Zomba, ZOMB Zomba, ZOMB Zomba, CHIPN CHIPINGE, CHIPN CHIPINGE, CHIPN CHIPINGE, LSZ Lusaka, LSZ Lusaka, BLWY Bulawayo, BLWY Bulawayo, MATP Matopo, MATP Matopo, MUSN Musina, LIMPOP Musina, LIMPOP Musina, MOPA Mopani, MOPA Mopani, MOPA Mopani, BROLN Tihalogang, BROLN Tihalogang, MREMI Moremi, MREMI Moremi, MREMI Moremi, LPHEP Lephepe, LPHEP Lephepe, LPHEP Lephepe, CKGRV CKGRV, CKGRV CKGRV, CKGRV CKGRV, KDWAN Kaudwane, KDWAN Kaudwane, KDWAN Kaudwane

NNC 18 11:37:19.0,4.7,36.85N,70.71E,h113km,98km,mb3.2,
mp3.9,1C-6D, Error ellipse: s-maj=51.8km
s-min=33.4km az=137.0,Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include KK31 Karatay Array, KK31, AAK Ala-Archa, AAK, TKMK Tokmak 2, TKMK, TKMK2, AB31 Akbulak array, AB31, AKTO Aktyubinsk

NEIC 18 11:38:27.4,1.4,16.10S,0.10-174.53W,0.09,
h108km,12km,mb4.4/20, Error ellipse: s-maj=15.5km
s-min=10.8km az=208.0

ISC 18 11:38:37.0,5.6,16.08S,174.35W,h213km,50km,mb3.5/9,
mbtmp4.0/10,MS3.8/2, Error ellipse: s-maj=27.0km
s-min=21.0km az=157.0

ISC 18 11:38:25.0,5.16,06S,0.07-174.45W,0.07,h100km,
n41,c1940/40,mb4.3/18,Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include AFJ Afiamatua, AFJ, AFU Futugata, AFU, NIUE Niue, NIUE, RAO Raoul Island, RAO, DZM Mont Dzumac, DZM, TOZ Tahuroa Road, TOZ

TOZ comp=Z,26nm,1.5s IAMB IAMB 11 44 08.3

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include RTZ Ruatuhuna, PPT Papeete, QRZ Quartz Range, DSZ Denniston Nort, WHZ Wether Hill Ro

H11S2 WAKE ISLAND Hy 39.03 331 T 12 26 36.2

H11S3 WAKE ISLAND Hy 39.04 331 T 12 26 34.8

H11S1 WAKE ISLAND Hy 39.05 331 T 12 26 35.2

STKA Stephens Creek 42.83 240 P 11 46 13.9 +0.2

STKA Stephens Creek 42.83 240 P 11 46 14.3 +0.7

BBOO Buckleboe 47.61 240 P IAMB IAMB 11 46 51.3 -0.1

WR0 Warramunga Arr 48.52 257 P IAMB IAMB 11 46 58.7 0.0

WB0 Warramunga Arr 48.68 258 P IAMB IAMB 11 47 01.3

WB2 Warramunga Arr 48.70 257 P IAMB IAMB 11 46 59.9 -0.1

WRAB Tennant Creek 48.70 257 P IAMB IAMB 11 46 59.5 -0.6

WRA Warramunga Arr 48.71 257 P P 11 46 57.1 -3.0

WRA Warramunga Arr 48.71 257 P P 11 47 00.6 +0.5

AS31 Alice Springs 48.95 252 P P 11 47 01.1 -0.8

ASAR Alice Springs 48.95 252 P P 11 47 02.0 -0.7

ASAR Alice Springs 48.95 252 P P 11 47 02.0 +0.1

MTN Manton Dam 52.68 266 P P 11 47 29.9 0.0

KNRA Kununurra 54.27 262 P IAMB IAMB 11 47 41.8 -1.2

FITZ Fitzroy Crossi 57.09 259 P P 11 48 01.3 -0.4

FITZ Fitzroy Crossi 57.09 259 P P 11 48 02.7 +1.0

PSA00 Pilbara Seismi 62.05 254 P P 11 48 35.5 -0.2

MBWA Marble Bar 62.21 254 P P 11 48 36.7 +0.3

ASAJ Asahikawa 71.57 329 LR LR 12 13 41.6

QSPA South Pole Qui 73.98 180 P P 11 49 49.4 -0.4

QSPA South Pole Qui 73.98 180 P P 11 49 48.9 -0.9

TXAR Lajitas Array 81.82 56 P P 11 50 32.7 -1.1

ILAR Gielson Array 83.29 12 P P 11 50 38.8 -1.7

PDAR Pinedale Array 83.43 42 P P 11 50 40.1 -1.9

MAW Mawson 86.84 199 P P 11 50 57.5 -0.9

BRTR Keskin Array B 146.02 319 PKPbc PKPdf 11 57 52.8 -0.3

NIED 18 12:12:31.8,42.83N,141.99E,h33km,MW4.0,Moment
Tensor Solution, s=3.4, Moment tensor: Scale 10^14Nm,
Mn3.0, Mb=1.24, Mw=7.46, Ms=2.38, Mw4.47, Mw1.27,
Final plane solution: Mn3.60000, 0.104, NP1:
φ=349.00000°, 348.00000°, 1.114.00000°. NP2:
φ=136.00000°, 348.00000°, 1.66.00000°

JMA 18 12:12:31.8,0.1,42.83N,0.3-142.0E,0.4,h33km,1km,
MD4.1/40,MV3.9/40,ISHIKARI DEPRESSION
JMA Fell II J1 at ISHIKARI DEPRESSION.

MOS 18 12:12:31.4,1.4,42.90N,141.85E,h44km,mb4.6/11, Error
ellipse: s-maj=9.3km s-min=6.4km az=97.8

SKHL 18 12:12:31.5,0.1,42.80N,141.80E,h48km,4km,mb4.9/4
NEIC 18 12:12:30.1,1.4,42.88N,0.05-142.0E,0.1,h39km,7km,
mb4.4/30, Error ellipse: s-maj=11.7km s-min=7.4km
az=93.0

ISC 18 12:12:34.0,1.6,42.86N,141.94E,h33km,13km,mb3.8/20,
mbtmp4.0/24,ML2.7/3,MS3.1/9, Error ellipse:
s-maj=15.0km s-min=11.1km az=122.0

ISC 18 12:12:31.7,0.8,42.82N,0.03-141.95E,0.03,h33km,3km,
n152,c1942/143,mb4.3/42,MS3.1/7,8C-17D,Hokkaido
region

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time Res, h m s ISC. Rows include JIAM Iburiatsuma, JIAM Iburiatsuma, JIAM Iburiatsuma, JB2T Birator 2, JB2T Birator 2, JB2T Birator 2, JEW Eniwo, JEW Eniwo, JEW Eniwo, JSHD Hidakashinidzu, JSHD Hidakashinidzu, JFR Furan, JFR Furan, JFR Furan, JISS Ishikarishtsu, JISS Ishikarishtsu, JISS Ashibetsu, JAB Ashibetsu, JNB Norobitetsu, JNBK Urukawa-nobuka, JNBK Urukawa-nobuka, JHR Hokuryu, JHR Hokuryu, JCH Churui, JCH Churui, JEM Erimo, JEM Erimo, JEM Erimo, JEM Erimo, JKK2 Kamakawa 2, JKK2 Kamakawa 2, JKK2 Kamakawa 2, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, JKA Kamikawa-asahi, JKA Kamikawa-asahi, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk

18d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like YUK, YUZH-Kuril'sk, SHO, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK, KURB, H23K, etc.

1144

Summary table for GERES, TXAR, GSPA, SNA, and SNA stations with their respective frequencies and powers.

RSNC 18 12:54.3-0.6, 2°S; 2°-8'0"W; h, 16km; M3.4, mb4.6, mB4.9, ML3.0, Mw(mB)4.2

IGQ 18 12:55.5-0.3, 2°S; 2°-8'0"W; h, 22km, M4.0/34

ISC 18 12:55.9-1.1, 1.92S; 0.03-80.17W; 0.03, h26km, 11km, n81, r1530/90, Near coast of Ecuador

Large table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like AGUAY, GYEB, ABAB, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BOSHA Boshof, CHIPN CHIPINGE.

HEL 18 12:29:09.1±0.4, 60.92N;29.22E, h0km, ML1.7, Explosion
IDC 18 12:29:11.7±2.3, 60.86N;28.96E, h0km, mbmp3.3/2,
ML2.4/2, Error ellipse: s-maj=21.0km s-min=13.9km
az=1.0

Main table for 1145 section, listing stations like RUF Ruokolahti, VJF Virojoki, FIAO FINESS Array S, etc.

IDC 18 12:35:50.9±0.6, 32.06N;141.95E, h0km, mb4.1/21,
mbmp4.0/27, ML3.3/5, MS3.3/8, Error ellipse:
s-maj=16.6km s-min=14.1km az=64.0
MOS 18 12:35:50.9±1.2, 32.08N;142.00E, h14km, mb4.6/13, Error
ellipse: s-maj=14.9km s-min=6.2km az=111.5
NIED 18 12:35:51.8, 32.02N;142.08E, h43km, MW4.1, Moment
Tensor Solution, s3 Moment tensor: Scale 1015Nm;
Mn:1.18; Mb:0.13; Ms:0.13; Me:1.17; Mw:0.05; Mv:0.01;
Fault plane solution: M=1.81000x10^15 NPT; s3 0.00000°;
s63.00000°, λ:127.00000°. NP2:±173.00000°, δ:44.00000°,
λ:40.00000°
NEIC 18 12:35:55.1±1.1, 32.09N;0.04;141.9E±0.1, h24km,4km,
mb4.6/36 Error ellipse: s-maj=13.9km s-min=6.0km
az=83.0
ISC 18 12:35:55.0±0.5, 32.01N;0.05;141.90E;0.08, h29km, n101,
σ136/101, mb4.4/47, MS3.4/4, 9C-5D, Southeast of
Honshu

Main table for 1145 section, listing stations like Code Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MAJO Matsushiro, KRSR Korea Array, etc.

Main table for 2018 OCT section, listing stations like YAK, YAK, YAK, etc., with columns for station name, time, and resolution.

Table for 18d 12h section, listing stations like ELK Elko, AKASA Malin Array B, AKASA Malin Array Be, etc.

SOME 18 12:38:47.9, 41.65N;71.83E, h10km
NINC 18 12:38:49.0±0.9, 41.71N;71.71E, h0km, mb2.6, mpv2.3,
Error ellipse: s-maj=92.0km s-min=25.2km az=18.0
ISC 18 12:38:51.2±1.6, 41.9N;0.1;71.73E;0.04, h10km, n6,
σ115/12, 4C-2D, Kyrgyzstan

Main table for 18d 12h section, listing stations like IUG luzhny, MRKS Merke, KK31 Karatay Array, etc.

JMA 18 12:52:22.0±0.1, 38.5N;0.3;142.1E;0.8, h41km;1km,
MV3.9/40, E OFF MIYAGI PREF
JMA Fall 1, J1 at E OFF MIYAGI PREF
NIED 18 12:52:22.0±0.3, 38.74N;142.1E, h41km, MW4.3, Moment
Tensor Solution, s3 Moment tensor: Scale 1015Nm;
Mn:2.03; Mb:0.23; Ms:1.80; Me:0.70; Mw:0.70; Mv:1.87;
Fault plane solution: M=2.89000x10^15 NPT; s3 23.00000°;
s67.00000°, λ:91.00000°. NP2:±199.00000°, δ:23.00000°,
λ:87.00000°
IDC 18 12:52:23.7±0.9, 38.43N;142.22E, h52km;6km, mb3.8/15,
mbmp4.0/21, MS3.3/26 Error ellipse: s-maj=16.7km
s-min=10.7km az=105.0
NEIC 18 12:52:23.8±1.8, 38.44N;0.07;142.1E;0.1, h47km,10km,
mb4.5/9, Error ellipse: s-maj=15.4km s-min=8.4km
az=115.0
ISC 18 12:52:22.6±0.7, 38.44N;0.05;142.1E;0.07, h41km, n74,
σ113/65, mb2.6/21, MS3.4/19, 3D, Near east coast of
eastern Honshu

Main table for 18d 12h section, listing stations like Code Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JIKH Ishinomakiobu, JIKH Ouri, etc.

18d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like WAKE ISLAND Hy 28.42 124, WAKE ISLAND Hy 28.42 124, etc.

WEL 18 13:23:28.9, 0.42, S1.2, 17.4E1, h13km, 2km, M3.0/14, ML3.2/14, MLV3.0/14, Error ellipse: s-maj=2.5km s-min=2.2km az=122.6, confirmed

NOU 18 13:23:29.8, 42.06S, 173.99E, h18km, MLV3.5/8, South Island, New Zealand

ISC 18 13:23:28.9, 0.41, 196S, 0.02, 173.99E, 0.02, h18km, 3km, n97, r1964/124, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like KEKS Kerekeru Vall, WDFS Ward Fire Stat, 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 WEL Wellington, PLWZ Palliser, MRNZ Matariki Terra, etc.

JMA 18 13:35:30.7, 0.2, 25°N, 173°E, h34km, MV2.5/9, NW OFF ISHIGAKIJIMA IS

ISC 18 13:35:32.0, 0.6, 24.51N, 122.33E, h0km, mb3.3/3, mbtmp3.3/3, MS3.2/1, Error ellipse: s-maj=446.8km s-min=29.4km az=59.0

ISC 18 13:35:33.0, 0.1, 3.25DN, 0.1, 123.58E, 0.07, h32km, n11, r150/11, mb3.9/3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like IRIF Iriomote-Funau, YOJ Yonaguni jima, etc.

AFAD 18 13:47:00.7, 0.0, 37.36N, 26.33E, h8km, 4km, ML3.0

ISK 18 13:47:02.8, 35.69N, 27.80E, h9km, ML2.8/22

THE 18 13:47:03.1, 35.68N, 27.85E, h2km, 5km, ML2.8/2, Error ellipse: s-maj=8.6km s-min=1.1km az=137.0

ATH 18 13:47:03.7, 35.73N, 27.80E, h6km, 1km, ML2.7/6, Error ellipse: s-maj=2.4km s-min=0.9km az=321.0, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like KARP Karpathos, KARP Karpathos, 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 MRSB Marmaris-Mugla, MRSB Marmaris-Mugla, DALY Dalyan (Mula), etc.

IDC 18 13:47:23.2, 1.7, 22.85N, 144.23E, h0km, mb3.8/11, mbtmp3.8/11, MS3.4/3, Error ellipse: s-maj=68.4km s-min=18.1km az=76.0

ISC 18 13:47:28.6, 1.6, 23.0DN, 0.1, 144.1E, 0.4, h34km, n21, r150/13, mb3.9/3, Volcan Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like JCJ Chichijima, JOW Kunigami, etc.

H11N1 WAKE ISLAND Hy 21.45 94 T

H11N2 WAKE ISLAND Hy 21.45 94 T

H11N3 WAKE ISLAND Hy 21.47 94 T

H11S3 WAKE ISLAND Hy 21.56 98 T

H11S1 WAKE ISLAND Hy 21.57 98 T

H11S2 WAKE ISLAND Hy 21.58 98 T

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrungung Arr, etc.

WEL 18 13:49:45.0, 1.0, 37°S, 10°17'W, h33km, M3.4/7, ML3.8/14, MLV3.4/7, Error ellipse: s-maj=15.7km s-min=6.8km az=139.2, confirmed, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s ISC. Includes stations like PUK Puketiti, PKGZ Pakhiroa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCHZ Kaweka Forest, KWHZ Kereru, WPHZ Waipukurau, etc.

HEL 18 14:06:34.5-0.3, 61.34N-29.87E, h0km, ML1.6, Explosion
IDC 18 14:06:38.0-3.1, 61.48N-29.57E, h0km, mbmp3.2/1,
ML2.0/1, Error ellipse: s-maj=28.2km s-min=12.5km
az=152.0

ISC 18 14:06:32.9-1.2, 61.33N-0.05-29.91E-0.05, h0km, n20,
c0877/28, Finland-Karelia border region

Main table for 1147, listing stations like Ruokolahhti, Virojoki, Joensuu, etc. with their respective codes and coordinates.

SKHL 18 14:07:16.9-0.5, 45.20N-150.10E, h25km, 5km, mb4.1/4
JMA 18 14:07:15.0-0.5, 45.1N-3.15E, h30km, MV3.6/9,
KURILE ISLANDS REGION, Kuril Islands

Table for 1147, listing stations like Kuril'sk, Rausu, Nishiki, etc. with their respective codes and coordinates.

IDC 18 14:30:45.2-0.8, 16.29S-66.93E, h0km, mb3.9/12,
mbmp3.9/12, MS3.3/7, Error ellipse: s-maj=28.0km
s-min=19.0km az=74.0
NEIC 18 14:30:45.1-1.8, 16.29S-0.06-66.9E-0.2, h10km, 1km,
mb4.6/16, Error ellipse: s-maj=33.5km s-min=6.6km
az=285.0

ISC 18 14:30:46.8-0.7, 16.3S-0.1-66.9E-0.2, h13km, n47,
c1925/31, mb4.2/17, MS3.4/7, 4C, Mid-Indian Ridge

Table for 1147, listing stations like Diego Garcia, Pallekele, etc. with their respective codes and coordinates.

Main table for 1148, listing stations like Cape Leeuwin, Chiang Mai Arr, etc. with their respective codes and coordinates.

IDC 18 14:50:12.5-0.7, 21.83S-169.85E, h0km, mb4.2/11,
mbmp4.3/14, ML4.3/3, MS3.7/16, Error ellipse:
s-maj=22.0km s-min=20.2km az=99.0
NOU 18 14:50:12.9, 21.89S-169.77E, h0km, MLv4.8/12,
Southeast of Loyalty Islands

NEIC 18 14:50:14.1-2.6, 22.02S-0.10-169.88E-0.04, h10km, 1km,
mb4.6/17, Error ellipse: s-maj=17.0km s-min=5.5km
az=346.0

ISC 18 14:50:15.9-0.4, 21.88S-0.07-169.82E-0.06, h25km, n119,
c095/107, mb4.5/21, MS3.8/13, 5C-7D, Southeast of
Loyalty Islands

Main table for 1148, listing stations like Mare, Loyalty, etc. with their respective codes and coordinates.

Main table for 1149, listing stations like Warramunga Arr, etc. with their respective codes and coordinates.

Table with columns: DOU, BFO, FETA, DAVA. Rows include station names like Dourbes, Black Forest, Feichten, Damuels and their respective frequencies and codes.

ISK 18 14:53:12.9, 36°59N, 29°34E, h28km, ML2,7/13
AFAD 18 14:53:13.0, 36°68N, 29°44E, h9km, 3km, ML2,5
ISC 18 14:53:13.6, 0.9, 36°62N, 0°03, 29°36E, 0.03, h31km, 6km, n28, c074/45, Turkey

Main table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Mula-Seydike, Fethiye, Mula-Dalaman, etc.

IDC 18 15:09:21.4, 2.5, 29°68N, 139°22E, h383km, 110km, mb2.5/3, mbtmp3.4/5, Error ellipse: s-maj=297.3km s-min=16.4km az=70.0
JMA 18 15:09:23.1, 0.2, 30°N, 2°13'E, h422km, MV3,5/10, NEAR TORISHIMA IS

ISC 18 15:09:22.9, 0.9, 29°68N, 0°08, 139°3E, 0.1, h400km, n13, c1986/16, mb2.7/3, Southeast of Honshu

Main table for the second section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Chichi jima, Haha-jima-NKT2, etc.

NAO 18 15:14:34.4, 31°85N, 48°97E, h33km, mb3.9
MOS 18 15:14:46.9, 1.7, 33°82N, 48°49E, h14km, mb4.6/18, Error ellipse: s-maj=6.4km s-min=4.1km az=113.7
NEIC 18 15:14:47.1, 1.8, 33°89N, 0°08, 48°56E, 0.08, h10km, 1km, mb4.4/61, Error ellipse: s-maj=13.7km s-min=10.0km az=206.0

TEH 18 15:14:48.8, 34°17N, 48°41E, h5km, ML4.4
IDC 18 15:14:49.6, 0.7, 34°19N, 48°37E, h0km, mb4.1/24, mbtmp4.2/31, ML3.4/6, MS3.5/12, Error ellipse: s-maj=15.4km s-min=11.1km az=172.0

OMAN 18 15:14:55.0, 0.2, 33°72N, 48°68E, h10km, mb4.4/40, ms3.2/5, Error ellipse: s-maj=4.6km s-min=2.8km az=238.0
ISC 18 15:14:49.2, 1.1, 34°09N, 0°03, 48°48E, 0.03, h7km, 7km, n385, c2935/416, mb4.4/67, MS3.4/6, 31C-2D, Western Iran

Main table for the third section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Sareh, Dohab, Meydan, etc.

Main table for the middle section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Keldasht, Damavand, MSBI, etc.

ASF 18 15:09:21.4, 2.5, 29°68N, 139°22E, h383km, 110km, mb2.5/3, mbtmp3.4/5, Error ellipse: s-maj=297.3km s-min=16.4km az=70.0
JMA 18 15:09:23.1, 0.2, 30°N, 2°13'E, h422km, MV3,5/10, NEAR TORISHIMA IS

ISC 18 15:09:22.9, 0.9, 29°68N, 0°08, 139°3E, 0.1, h400km, n13, c1986/16, mb2.7/3, Southeast of Honshu

Main table for the fourth section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Jabal al Asfar, SLWR, SHME, etc.

RAYN 18 15:14:34.4, 31°85N, 48°97E, h33km, mb3.9
RAYN 18 15:14:46.9, 1.7, 33°82N, 48°49E, h14km, mb4.6/18, Error ellipse: s-maj=6.4km s-min=4.1km az=113.7
RAYN 18 15:14:47.1, 1.8, 33°89N, 0°08, 48°56E, 0.08, h10km, 1km, mb4.4/61, Error ellipse: s-maj=13.7km s-min=10.0km az=206.0

RAYN 18 15:14:48.8, 34°17N, 48°41E, h5km, ML4.4
RAYN 18 15:14:49.6, 0.7, 34°19N, 48°37E, h0km, mb4.1/24, mbtmp4.2/31, ML3.4/6, MS3.5/12, Error ellipse: s-maj=15.4km s-min=11.1km az=172.0

RAYN 18 15:14:55.0, 0.2, 33°72N, 48°68E, h10km, mb4.4/40, ms3.2/5, Error ellipse: s-maj=4.6km s-min=2.8km az=238.0
RAYN 18 15:14:49.2, 1.1, 34°09N, 0°03, 48°48E, 0.03, h7km, 7km, n385, c2935/416, mb4.4/67, MS3.4/6, 31C-2D, Western Iran

Main table for the fifth section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Ar Rayn, SWAQ, MASF, etc.

Main table for the sixth section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Herat, Mazada, Ashiyah, etc.

WADI 18 15:09:21.4, 2.5, 29°68N, 139°22E, h383km, 110km, mb2.5/3, mbtmp3.4/5, Error ellipse: s-maj=297.3km s-min=16.4km az=70.0
WADI 18 15:09:23.1, 0.2, 30°N, 2°13'E, h422km, MV3,5/10, NEAR TORISHIMA IS

WADI 18 15:09:22.9, 0.9, 29°68N, 0°08, 139°3E, 0.1, h400km, n13, c1986/16, mb2.7/3, Southeast of Honshu

Main table for the seventh section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Wadi Bani Khal, MDUB, etc.

WADI 18 15:14:34.4, 31°85N, 48°97E, h33km, mb3.9
WADI 18 15:14:46.9, 1.7, 33°82N, 48°49E, h14km, mb4.6/18, Error ellipse: s-maj=6.4km s-min=4.1km az=113.7
WADI 18 15:14:47.1, 1.8, 33°89N, 0°08, 48°56E, 0.08, h10km, 1km, mb4.4/61, Error ellipse: s-maj=13.7km s-min=10.0km az=206.0

WADI 18 15:14:48.8, 34°17N, 48°41E, h5km, ML4.4
WADI 18 15:14:49.6, 0.7, 34°19N, 48°37E, h0km, mb4.1/24, mbtmp4.2/31, ML3.4/6, MS3.5/12, Error ellipse: s-maj=15.4km s-min=11.1km az=172.0

WADI 18 15:14:55.0, 0.2, 33°72N, 48°68E, h10km, mb4.4/40, ms3.2/5, Error ellipse: s-maj=4.6km s-min=2.8km az=238.0
WADI 18 15:14:49.2, 1.1, 34°09N, 0°03, 48°48E, 0.03, h7km, 7km, n385, c2935/416, mb4.4/67, MS3.4/6, 31C-2D, Western Iran

Main table for the eighth section with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Kabul, KBL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Alexandroupoli, Harsova, Karatay Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Podgorica, Kolonice sedl, Borovoye, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like OHTO, CM31, CMAR, PHRA, etc.

18d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like H08S3 Diego Garcia H, MAW Mawson, NWA0 Narrogin (SRO), etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SNA4 Sanae, QSPA South Pole Q, VNA2 Neumayer-Watz, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TNSS Tian-Shan, TNSS Tian-Shan, SATY Saty, etc.

Table with columns for code, station name, time, and other parameters. Includes stations like SNOP, SONM, SONM, and various array names.

Table with columns for code, station name, time, and other parameters. Includes stations like AS31, ASAR, ASAR, and various array names.

Table with columns for code, station name, time, and other parameters. Includes stations like KIEV, KIEV, NRIK, and various array names.

ADC 18 15:25:18.8s, 5.7s, 7.80S: 127.04E, h148km, 49km, mb3.6/6, mbmp4, 1/8, Error ellipse: s-maj=73.3km s-min=20.7km az=69.0

NEIC 18 15:25:18.9s, 2.5, 7.62S: 0.08x127.93E: 0.03, h165km, 11km, mb4, 0/7, mB4.9/2, MLV4.1/16, Mw(mb)4.2/2 az=172.0

DJA 18 15:25:20.8, 0.4, 8.2s: 12.9E, h130km, 13km, M4, 1/16, mb4, 0/7, mB4.9/2, MLV4.1/16, Mw(mb)4.2/2

ISC 18 15:25:17.9, 0.5, 7.68S: 0.04x127.92E: 0.04, h150km, n53, az=237/65, mb3.8/7, Bonda Sea

Table with columns for code, station name, time, and other parameters. Includes stations like SAUI, SAUI, SAUI, and various array names.

ADC 18 15:28:54.8, 4.1, 36.08N: 70.96E, h74km, 37km, mb3.7/16, mbmp4, 0/21, ML3.6/5, Error ellipse: s-maj=23.6km s-min=13.7km az=24.0

NEIC 18 15:28:58.2, 3.5, 36.36N: 0.04x70.87E: 0.07, h106km, 6km, mb4, 4/39, Error ellipse: s-maj=8.2km s-min=6.5km az=89.0

NNC 18 15:29:06.3, 3.9, 37.07N: 70.53E, h98km, 83km, mb3.7, mpv4.2, Error ellipse: s-maj=29.8km s-min=27.0km az=14.0

ISC 18 15:28:58.0, 0.5, 36.41N: 0.04x70.91E: 0.05, h100km, n94, az=158/102, mb4.2/29, 2C-8D, Hindu Kush region

Table with columns for code, station name, time, and other parameters. Includes stations like KBL, KBL, KBL, and various array names.

NNC 18 15:38:37.6, 0.7, 43.00N: 78.15E, h0km, mb2.4, mpv2.6, Error ellipse: s-maj=7.6km s-min=2.7km az=171.0

KRNET 18 15:38:38.6, 0.1, 43.07N: 78.14E, h17km, mb2.6

SOME 18 15:38:38.6, 43.05N: 78.17E, h10km

ISC 18 15:38:39.8, 0.8, 43.05N: 0.03x78.13E: 0.02, h10km, n32, az=198/65, 5C-8D, Lake Issyk-Kul region

Table with columns for code, station name, time, and other parameters. Includes stations like SATY, SATY, SATY, and various array names.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Dimbokro, Aggessiz Nation, WCT Wildcat Mounta, PDAR Pinedale Array, GMN Gold Mountain, ULM Lac du Bonnet, etc.

IDC 18 15:47:59.1, 1.2, 50.0, 41N, 29.54W, h0km, mb3.7/9, mbmp3.7/10, ML3.6/1, MS3.6/18, Error ellipse: s-maj=34.3km s-min=20.9km az=20.0

ISC 18 15:48:00.7, 1.1, 50.4N, 02.29S, W0.1, h10km, n26, 0.959/12, mb3.9/8, MS3.6/18, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Eskdalemuir Ar, ESKD Sonseca Array, JMIC Jan Mayen, NFA NORPAR Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mount Meron Ar, GNI, NRK, PDAR Pinedale Array, ILAR Eielson Array, etc.

NEIC 18 15:53:01.6, 0.9, 37.081N, 0.008E, 97.828W, 0.009, h5km, 1km, Error ellipse: s-maj=2.0km s-min=1.4km az=90.0

NEIC 18 15:53:02.0, 1.1, 37.080N, 0.010E, 97.828W, 0.011, h7km, 1km, mb Lg2.4/8, ML2.6/39, ML2.3/1, Error ellipse: s-maj=1.5km s-min=1.3km az=159.0, Kansas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Caldwell West, Argonia South, Manchestor, Caldwell North, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, Warramunga Arr, etc.

IDC 18 16:07:57.6, 3.1, 22.868N, 11.67W, h0km, mb3.9/4, mbmp3.8/6, ML3.3/2, MS3.8/1, Error ellipse: s-maj=106.5km s-min=29.1km az=83.0

ISC 18 16:07:58.2, 4.2, 22.88N, 02.113W, 0.05, h10km, n10, 0.052/8, mb3.9/4, Mauritania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Torodi Ar, Beas, KESRA INFRASON22, Valguarnera, etc.

GII 18 16:11:29.1, 2.0, 33.3489N, 0.00335, 53E2.0, 001, h1km, Md2.2, Mw2.2, 1/6, confirmed

GRAL 18 16:11:30.6, 0.2, 33.49N, 35.55E, h6km, 1km, MD3.0

JSO 18 16:11:33.3, 31N, 35.55E, h1km, ML2.2/0

ISC 18 16:11:30.5, 0.9, 33.49N, 0.02, 35.55E, 0.04, h10km, 7km, n40, 0.12/43, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Qaraoun, Chebaa, Deir Qamar, Rachaya, etc.

IDC 18 16:22:12.3, 0.7, 21.91S, 169.77E, h0km, mb4.4/12, mbmp4.4/16, ML4.5/4, MS3.7/20, Error ellipse: s-maj=120.1km s-min=17.6km az=42.0

NEIC 18 16:22:14.1, 2.5, 21.97S, 0.10, 169.68E, 0.07, h10km, 1km, mb4.9/52, Error ellipse: s-maj=16.7km s-min=10.3km az=166.0

NOU 18 16:22:19.6, 21.74S, 169.34E, h1km, MLv4.4/11, Southeast of Loyalty Islands

ISC 18 16:22:15.7, 0.4, 22.00S, 0.05, 169.75E, 0.05, h2km, n179, 0.154/163, mb4.8/34, MS3.8/17, SC, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mare, Loyalty, Mare, Loyalty, LIFUNC LIFOU, etc.

IDC 18 15:59:30.4, 5.7, 9.16N, 93.51E, h11km, 77km, mb3.0/2, mbmp3.5/4, ML3.6/2, Error ellipse: s-maj=73.3km s-min=35.4km az=157.0, Nicobar Islands region

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

18d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HNR Honiara, URZ Urewera, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM Songino Array, DSP Deep Springs, and many others.

1154

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NEIC 18:16:47.51.3.1, H101km, 26km, and many others.

18d 17h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KRSR Korea Array, KURB Kurchatov, H01W3 Cape Leeuwijn H, etc.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like EXGRA Granada, EXCAB Granada, EBER Berja, etc.

1156

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PGRO Granada, PGRS Granada, PESTR Estremoz, etc.

18d 18h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KPL, ONAU, BORU, INVG, MUD, EDI, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CLL, RCHB, DOU, PUL, LVL, etc.

1158

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CONA, DAVOX, DAVOX, RNP9P, etc.

1159

Table with columns: WORD, Divnogorie, 23.16 106 eP, P, 18 18 13.5 -1.4. Includes entries like CFR Carcaliu, PUK Puka, VRH Novokhoporsky, etc.

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Table with columns: E28M Babbage River, C24K Franklin Bluff, C23K Itkillik River, etc. Includes various river names and coordinates.

18d 18h

Table with columns: E19K Redstone River, I27K Kandik River, G23K Bananza Creek, etc. Includes various river names and coordinates.

18d 18h

Table listing station IDs (e.g., H17K, N32M, MCK) and their associated geographic coordinates, times, and other parameters.

2018 OCT

Table listing station IDs (e.g., P49A, L16M, T36G) and their associated geographic coordinates, times, and other parameters.

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Table containing astronomical data such as station IDs (e.g., DAV, DAV, DAV), station names (e.g., Davao City), coordinates, times, and residuals.

Table of astronomical observations for 2018 OCT, 18d 19h, including station names like MXZ Matakaoa Point, HAZ Te Kaha, and RWZ Raukumara Rang, with columns for time, position, and other parameters.

Table of astronomical observations for 2018 OCT, 18d 19h, including station names like MRNZ Tophouse, THZ Tophouse, KHZ Kahutara, and DSZ Denniston North, with columns for time, position, and other parameters.

Table of astronomical observations for 2018 OCT, 18d 19h, including station names like CUAYA Sivas-Altinyay, QUAYA Sivas-Altinyay, AVNS Nevsehir-Avano, and BVNS Bunyan, with columns for time, position, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LRK, ZKTA, LKRN, LKRN, ORD, SBZ, ASRA, ASRA, QZX, QZX, DRN, DRN, KMKR, KMKR, URKR, URKR, SGKR, SGKR.

NIED 18 20:06:23.5, 32.59N, 130.63E, h11km, MW3.6, Moment Tensor Solution... s3 Moment tensor... scale: 10^14 Nm...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JIU3, JIU3, JTA, JTA, JZO, JZO, JZT, JZT.

JMA 18 20:06:23.5, 0.1, 32.62N, 0.1, 130.62E, 0.2, h11km, MV3.7/20, 2D, SOUTHERN KUMAMOTO PREF, Kyushu

JMA 18 20:18:01.6, 0.2, 36.5N, 0.6, 142.2E, h50km, 4km, MW3.0/31, E OFF IBARAKI PREF

IDC 18 20:18:02.9, 4.1, 35.48N, 140.90E, h0km, mb3.5/2, mbmp3.4/3, ML2.3/1, MS3.0/3, Error ellipse: s-maj=19.5km s-min=28.7km az=50.0

ISC 18 20:17:58.0, 2.4, 36.44N, 0.08, 141.62E, 0.09, h10km, 14km, n21, 0.58/17, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHYU, JHYU, JHO, JHO, ONAJ, ONAJ, JFK, JFK, JOTO, JOTO, JIMM, JIMM, JAG, JAG, JFY, JFY, JKT, JKT, MJAR, MJAR, MJAR.

KSRS Korea Array 11.01 279 LR LR 20 24 32.0

H1N2 WAKE ISLAND Hy 27.70 120 T T 20 53 15.9

H1N1 WAKE ISLAND Hy 27.70 120 T T 20 53 18.0

H1N3 WAKE ISLAND Hy 27.70 120 T T 20 53 18.3

SOM Songo Array 28.26 305 P P 20 23 58.6 +7.3

H1S1 WAKE ISLAND Hy 28.40 122 T T 20 54 01.2

H1S3 WAKE ISLAND Hy 28.40 122 T T 20 54 00.9

H1S2 WAKE ISLAND Hy 28.42 122 T T 20 54 13.1

MKAR Makanchi Array 44.58 303 LR LR 20 43 42.4

WRA Warramunga Arr 56.50 138 P P 20 27 39.5 -0.8

OBN Obninsk 68.67 323 LR LR 21 01 42.8

IDC 18 20:22:05.1, 88.0, 14.22S, 168.01E, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=1495.0km s-min=127.5km az=64.0

NOU 18 20:22:20.4, 15.43S, 167.84E, h0km, MLV4.0/8, Vanuatu Islands

ISC 18 20:22:12.3, 3.9, 14.6S, 0.3, 167.84E, 0.3, h0km, n11, 0.150/9, mb3.6/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VLAQ, VLAQ, DVPK, DVPK, KOUNC, KOUNC, YATNC, YATNC, DZM, DZM, OUCNC, OUCNC, PMG, PMG, PMG, PMG, STKA, STKA.

NEIC 18 20:25:31.7, 1.2, 4.65S, 0.09, 151.62E, 0.09, h150km, 7km, mb4.9/66, Error ellipse: s-maj=13.1km s-min=12.4km az=130.0

IDC 18 20:25:31.0, 0.4, 4.68S, 151.66E, h154km, 3km, mb3.7/15, mbmp4.2/17, Error ellipse: s-maj=17.0km s-min=8.7km az=117.0

ISC 18 20:25:31.0, 0.4, 4.67S, 0.05, 151.63E, 0.07, h150km, n128, 0.079/134, mb4.8/51, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I40PG, I40PG, RABU, RABU, KAVG, KAVG, MANU, MANU, PMG, PMG, PMG, PMG, CTAO, CTAO, RK1H, RK1H, GUMO, GUMO, FAKI, FAKI, EIDS, EIDS, EIDS, EIDS, MTN, MTN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, DZM, WBO, WBO, WBO, WBO, WRB, WRB, WRB, WRB, WBE, WBE, WBE, WBE, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA, WRA.

YATNC Mamie plateau, 22.75 141 P P 20 30 21.5 +0.8

QLP Oulipie 22.91 197 P P 20 30 22.8 +0.7

ASAR Alice Springs 25.48 220 P P 20 30 45.7 +0.1

ASAR Alice Springs 25.48 220 P P 20 31 17.6 +0.4

ARMA Amideia 25.62 180 P P 20 30 47.0 +0.2

STKA Stephens Creek 28.66 198 P P 20 31 13.6 -0.3

FITZ Fitzroy Crossi 28.71 240 P P 20 31 13.8 -0.6

BBOO Bucleoelo 31.66 206 P P 20 31 39.0 -0.4

FORT Forst 34.17 218 P P 20 32 01.9 -0.3

MBWA Marble Bar 35.03 239 P P 20 32 09.9 +0.2

TAU Tasmania Union 38.27 185 P P 20 32 35.7 -1.1

WIAZ Waiehe Island 38.56 149 P P 20 33 06.8 +2.7

HLRZ Highlands Stat 40.30 149 P P 20 32 58.5 +5.0

QRZ Quartz Range 40.67 148 P P 20 32 57.6 +1.4

HAZ Te Kaha 40.70 149 P P 20 32 57.3 +0.4

RTZ Ruatahuna 40.90 149 P P 20 32 57.4 -1.3

RTZ Ruatahuna 40.90 149 P P 20 32 59.5 +0.8

TKNZ Takaka Hill 40.95 155 P P 20 32 59.9 +0.9

MTHZ Mangataniwha 41.01 150 P P 20 32 59.9 +0.3

RAGZ Raunaki 41.03 149 P P 20 33 00.4 +0.6

BKZ Black Stump Fm 41.07 150 P P 20 33 00.1 -0.1

BKZ Black Stump Fm 41.07 150 P P 20 33 00.2 +0.1

SSLB Suanglung 41.16 315 P P 20 33 01.3 +0.3

MRNZ Mataura Terra 41.21 149 P P 20 33 01.4 +0.2

SNZG Shannon Stat 41.27 149 P P 20 33 03.2 +0.7

CNGZ Carnagh Stat 41.44 148 P P 20 33 03.4 +0.4

TSZ Takapari Road 41.51 152 P P 20 33 03.4 -1.3

MORW Morawa 41.53 230 P P 20 33 03.8 -0.2

THZ Tophouse 41.54 156 P P 20 33 40.5

TCW Tory Channel 41.66 154 P P 20 33 05.0 +0.2

MRZ Mangataniwha 41.80 152 P P 20 33 07.6 -0.3

MRZ Mangataniwha 41.80 152 P P 20 33 07.7 -0.3

SNZO South Karori 41.93 154 P P 20 33 07.3 +0.3

ANWZ Angora Road 42.07 151 P P 20 33 08.6 +0.5

BFZ Birch Farm 42.13 152 P P 20 33 08.1 -0.6

BFZ Birch Farm 42.13 152 P P 20 33 08.2 -0.5

PLWZ Palliser 42.38 154 P P 20 33 08.4 -2.3

RPZ Rata Peaks 42.50 159 P P 20 33 11.5 0.1

GVZ Greta Valley S 42.60 157 P P 20 33 12.5 0.0

LBZ Lake Benmore 42.79 160 P P 20 33 13.8 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MKAR, MKAR, H19K, H19K, J20K, J20K, CAST, CAST, C18K, C18K, GHO, GHO, KTH, KTH, KTH, KTH, ZALV, ZALV, E19K, E19K, SML, SML, SML, SML, IMAR, IMAR, C18K, C18K, D19K, D19K, I23K, I23K, I23K, I23K, ILAR, ILAR, IL23, IL23, COLD, COLD, D22K, D22K, D22K, D22K, KURBB, KURBB, J25K, J25K, D23K, D23K, D23K, D23K, GSPA, GSPA, BVAR, BVAR, C03A, C03A, GERES, GERES, EKA, EKA, TORD, TORD, TORD, TORD.

SOF 18 20:25:55.1, 45.8N, 0.1, 126.54E, 0.04, h100km, 1km, MD3.75

MCSM 18 20:25:57.4, 4.1, 4.6N, 10.2, 166.1E, 1.1, h115km, 39km, MLV2.5

BUC 18 20:25:57.8, 0.2, 4.5S, 166.26E, 0.1, h12km, 2km, m3.5/55, Error ellipse: s-maj=1.5km s-min=1.2km az=9.0

MOLD 18 20:25:58.0, 4.538N, 26.98E, h120km, MB2.9, Mb3.2

ISC 18 20:25:56.8, 1.3, 4.556N, 0.03, 162.53E, 0.03, h123km, 6km, n79, 0.98/121, 70C-31Z, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BISRR, BISRR, PLORS, PLORS, PLOR, PLOR, VRI, VRI, VRI, VRI, COVR, COVR, MLR, MLR, MLR, MLR, ODBI, ODBI, ODBI, ODBI, ODBI, ODBI, ISR, ISR, PANC, PANC, PANC, PANC, TURR, TURR, COSS, COSS, COSR, COSR, OZUR, OZUR, OZUR, OZUR, ONER, ONER, ONER, ONER, GHRH, GHRH, GHRH, GHRH, BOSH, BOSH, TUDR, TUDR, IZVR, IZVR, IZVR, IZVR, SLCR, SLCR, SLCR, SLCR, HILR, HILR, DOPR, DOPR, DOPR, DOPR, SCHL, SCHL, SCHL, SCHL, SCHL, SCHL, NEGR, NEGR, NEGR, NEGR, TESR, TESR, TESR, TESR, TESR, TESR, VARL, VARL, VARL, VARL, BIR, BIR, TATR, TATR, TATR, TATR, GISR, GISR, GISR, GISR, MTUR, MTUR, LEHL, LEHL, AMRR, AMRR, AMRR, AMRR, VLDR, VLDR, VLDR, VLDR, CFR, CFR, CIOR, CIOR, BUCI, BUCI, BUCI, BUCI, HARR, HARR, ARR, ARR, SGRR, SGRR, SGRR, SGRR, BIZ, BIZ, TLBR, TLBR, HUMR, HUMR, LEOM, LEOM, TNR, TNR, CVDA, CVDA.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CVDA, TLCR, ICOR, JNRR, LOT, etc.

DJA 18 20:29:42.9,0.3,2°N,3°12'7E, h115km,5km, M4.4/13, mb4.6/13,mb4.8/5,MLV4.5/13,Mw(mb)4.1/5,MwMwp5.0/1, Mw5.3/1
NEIC 18 20:29:43.6,1.7,1.36N,0°10'12.7,08E:0.10, h128km,8km, mb4.4/28,Error ellipse: s-maj=16.8km s-min=11.1km az=224.0
IDC 18 20:29:44.2,2.1,1.35N,127°14'E, h138km,18km, mb3.7/11, mbtmp4.1/12,MS2.2/1,Error ellipse: s-maj=36.5km s-min=9.7km az=68.0
ISC 18 20:29:43.0,0.5,1.40N,0°07'12.7,09E:0.07, h128km, n63, c0591/63, mb4.3/23, Malheira

Main table of station data for the 18d 21h period, including stations like TNTI, KMSI, SANI, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MK31, MKAR, ZALV, KBL, GAR, KURB, KURK, etc.

SKHL 18 20:42:16.8,0.2,44°00'N:146°60'E, h80km,2km, mb4.0/4
JMA 18 20:42:16.4,0.2,43°6'N:07°14'6"E, h72km,1km, MV2.5/28, NEAR KUNASHIRI ISLAND
ISC 18 20:42:12.2,1.9,43.72N:0°09'146.68E:0.08, h99km,12km, n12, c1980/24, Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SHO, YUK, NEM2, JRA, etc.

VAO 18 21:05:54.0,0.5,16°25'S:69°63'W, h206km, mb4.1
IDC 18 21:05:55.1,0.7,16°16'S:69°46'W, h215km,5km, mb3.6/12, mbtmp4.2/16, Error ellipse: s-maj=13.4km s-min=11.6km az=50.0
NEIC 18 21:05:55.3,3.0,16°31'S:0°08'69.64W:0°09, h213km,7km, mb4.1/30, Error ellipse: s-maj=13.4km s-min=10.5km

ISC 18 21:05:52.9,0.4,16°26'S:0°05'69.65W:0.05, h200km, n106, c1945/112, mb4.0/24, C, Peru-Bolivia border region

Main table of station data for the 2018 OCT period, including stations like PB18, AP01, GO01, etc.

Main table of station data for the 1164 period, including stations like BOAV, BDFB, PMNB, etc.

Table with columns: USRK, Ussuriysk Ar., 19.91 85 P, 21 11 43.9 -1.0, etc.

IDC 18 21:15:05.2, 0.9, 19'60N, 147'99E, h0km, mb3.9/13, mltmp3.9/13, MS2.6/5, Error ellipse: s-maj=34.1km

NEIC 18 21:15:07.6, 1.4, 19'70N, 0'05:147'9E, 0.2, h10km, 2km, mb4.4/13, Error ellipse: s-maj=26.9km s-min=7.6km az=86.0

ISC 18 21:15:07.3, 0.7, 19'67N, 0'08:147'8E, 0.2, h10km, n37, s150W/27, mb4.2/20, MS2.9/4, Mariana Islands region

Main table listing station names, codes, and coordinates for the Mariana Islands region.

DJA 18 21:15:19.0, 1.6, S:4°10'E, h25km±10km, M4.3/13, mb4.5/4, MLV4.2/13, Sunda Strait

Table listing station names, codes, and coordinates for the Sunda Strait region.

Table listing station names, codes, and coordinates for the Indonesia region.

ISC 18 21:53:08.8, 0.8, 34'56N, 46'35E, h12km, 8km, ML2.9

ISC 18 21:53:09.2, 1.0, 34'56N, 46'35E, h10km, 48km, ML2.9

ISC 18 21:53:09.2, 1.0, 34'56N, 46'35E, h10km, 48km, ML2.9

Table listing station names, codes, and coordinates for the Indonesia region.

SJA 18 21:55:42.1, 1.1, 23'97S, 66'71W, h236km±7km, ML4.8, MW4.5

GUC 18 21:55:43.4, 0.8, 23'98S, 66'71W, h229km, 9km, ML5.0

NEIC 18 21:55:43.2, 1.5, 23'97S, 0'06:66W, 0.08, h194km, 6km, mb4.8/29, Mww4.7/12, Mww4.8/6, Error ellipse: s-maj=10.4km s-min=8.1km az=87.0

IDC 18 21:55:44.0, 0.8, 23'85S, 66'60W, h202km±7km, mb4.1/15, mbtmp4.7/22, MS3.1/3, Error ellipse: s-maj=11.1km s-min=8.9km az=48.0

NEIC 18 21:55:43.4, 23'97S, 66'65W, h190km, Moment Tensor Solution. Duration: 1s2. Moment tensor: Scale 10^16Nm

IAO 18 21:55:44.0, 0.3, 23'94S, 66'62W, h208km±3km, mb4.4

VSC 18 21:55:44.1, 0.6, 23'94S, 0'03:66'76W, 0.04, h210km±5km, n368, s159/305, mb4.7/146, 11C, Jujuy Province

Main table listing station names, codes, and coordinates for the Indonesia region.

Main table listing station names, codes, and coordinates for the Indonesia region.

18d 22h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Residual. Includes stations like MTSU, BBOO, PMG, INKA, CTAO, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Residual. Includes stations like MRZ, MRZ, MRZ, MRZ, MRZ, etc.

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Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Time, Residual. Includes stations like BSO1, JHJ2, JHJ2, JHJ2, etc.

18d 23h

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Table with columns: PUK, ZAAO, ZALV, ZALV, SONM, SONM, PDG, ULN, ULN, KEST, ARTI, BURAR, BUR08, BUR08, AKASG, AKASG, AKB, KIEV, KIEV, JNU, MORH, KSRs, KOLS, OB, KIROV, VYHS, VYHS, LANS, RONA, MODS, RTZ, JAVC, OJC, OJC, CONA, STAL, STAL, MORC, MORC, KRUC, KBA, VRAC, VRAC, MOA, ABTA, BIOA, LESA, CKRC, SUW, WTTA, GERES, GERES, OSTC, SQTa, CHVC, KSP, FUORN, FUORN, FETA, KHC, RETA, TUE, DAVA, MDT, MJAR, BBTS, USRK, ESCD, ESCD, ESCD, FINES, NRIK, HFS, NOA, PPT2, TAOE, DLBC, S34M, TUC

Main table with columns: Code, Station Name, Δλ, AZ, Op, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Jago River, Jago River, Jago River, Jago River, Jago River, etc.

Main table with columns: Code, Station Name, Δλ, AZ, Op, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like Coldfoot, Teshepuk Lake, Teshepuk Lake, Teshepuk Lake, etc.

IDC 1823:30:06.1-1.9, 19'33"S/176°50'W, h0km, mb3.7/3, mror13.7/3, Error ellipse: s-maj=57.0km s-min=44.6km az=32.0, Fiji Islands region

Table with columns: Code, Station Name, Δλ, AZ, Op, Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like ASAR, WRA, GSPA, AKASG, BRTR, MMAI

Table with columns: SRU, Station Name, Time, Res, and other details. Includes stations like San Rafael Swe, Cedar City, Red Mountain, Black Hills, Pinedale Arr, etc.

NOU 18 23:47:34.4, 30°81'S, 174°14.4W, h0km, mb4.5/9, Kermadec Islands Region
WEL 18 23:48:11.9, 1.1, 32° S, 177° 17' 11" W, 1.4, h33km, MS, 1/11, mB5.2/3, ML5.0/11, MLV5.1/11, Mw(mB)4.5/3, Error ellipse: s-maj=19.1km s-min=3.6km az=100.8, confirmed
IDC 18 23:48:14.0, 0.7, 32° 16'S, 177° 36'W, h0km, mb4.4, 8, mbtmp4.4/9, ML7.7/11, MS3.4/8, Error ellipse: s-maj=26.0km s-min=22.2km az=84.0
NEIC 18 23:48:15.7, 1.9, 32° 23'S, 0.077, 177° 3W, 0.1, h10km, 1km, mb4.7/16, Error ellipse: s-maj=20.0km s-min=11.3km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: CTZ, Station Name, Time, Res, and other details. Includes stations like Chatham Island, Tuamarina, Nelson, Quartz Range, etc.

IDC 19 00:22:38.0, 0.8, 6° 8' 8"N, 137° 59'E, h0km, mb4.2/11, mbtmp4.2/11, MS3.1/10, Error ellipse: s-maj=39.8km s-min=16.5km az=78.0
DJA 19 04:22:40.6, 0.3, 7° M.3° 13'E, h10km, M4.7/21, mB5.4/7, MA 19 04:22:41.7, Mw(mB)4.8/7, Mw(mB)5.0/11, Mw(mB)5.0/11, NEIC 19 00:22:41.0, 0.2, 6.7° N, 10° 13' 8"E, 0.1, h10km, 1km, mb4.5/48, Error ellipse: s-maj=20.0km s-min=16.6km az=102.0
ISC 19 00:22:40.2, 0.5, 6.74N, 107.137° 6'E, 0.09, h10km, n95, c143/81, mb4.5/36, MS3.17, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like Jayapura, Guam, FAKI, etc.

Table with columns: MTN, Station Name, Time, Res, and other details. Includes stations like Mantong Dam, Bone, Sidrap Palu, etc.

AAK Ala-Archa 65.83 314 P P 00 33 29.9 +2.7
AAK Ala-Archa 65.83 314 LR LR 01 02 59.2
GAR Garm 68.22 309 P P 00 33 43.8 +2.4
KAR Karatay Arr 68.79 314 P P 00 33 47.4 +2.6
KAR Karatay Arr 68.79 314 P P 00 33 48.9 +2.3
CHGR Chuyangarr 69.06 309 P P 00 34 03.7
SIMJ Simijan 69.18 309 P P 00 33 49.4 +2.0
SIMJ Simijan 69.18 309 P P 00 33 51.4
BRV Borovoye Arr 71.06 324 P P 00 33 57.1 -1.4
BVK Borovoye Arr 71.13 324 P P 00 34 01.9 +3.0
H18K Honohoa River 71.25 23 P P 00 34 11.2 +0.3
H18K Honohoa River 71.25 23 P P 00 34 12.8
E18K Tukpaherik C 73.19 21 P P 00 34 10.4 -0.5
E18K Tukpaherik C 73.19 21 P P 00 34 12.1
G18K Tagagawik 73.31 23 P P 00 34 11.9 +0.2
G18K Tagagawik 73.31 23 P P 00 34 12.5
TTA Talatina 73.37 26 P P 00 34 12.7 +0.5
N19K Bonanza Creek 73.47 28 P P 00 34 13.2 +0.6

Table with columns: L19K, Station Name, Time, Res, and other details. Includes stations like White Mountain, Big River Lodge, etc.

Table with columns: D24K, Iamb, Iamb, 00 34 42.3, ARCES ARCESS Array B, 91.30 341 P, 00 35 43.9 -1.8, LPAZ La Paz, 153.03 113 PKPbc, 00 42 39.9 0.0

IDC 19 00:48:56.7±1.0,5°77'S:151.02'E,h0km,mb4.2/5, mbtmp4.1/6,ML1.7/1,MS2.9/7,Error ellipse: s-maj=62.7km s-min=21.0km az=129.0

ISC 19 00:49:03.0±1.0,5.8S,0.3:150.9E,0.4,h43km,n15, 0.074g,mb4.1/5,MS2.9/5,New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Honiara, Charters Tower, Warramunga Arr, etc.

TAP 19 01:06:22.9,24°75N,122°12'E,h85km,ML3.3,C JMA 19 01:06:23.0,0.1,24.7N,0.7,122.1E,0.2,h90km,1km, MV2.4/12,TAIWAN REGION

ISC 19 01:06:22.9±1.3,24.76N,0.0:03:122.13E,0.0:02,h88km,6km, n102,019/04/196,11C-1D,Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Santiago Chiao, Suao, Su ao, Shuangxi, etc.

Main table with columns: TWP, Chenhua, 0.70 317 eP, Pn, 01 06 39.6 +0.4, etc. Includes stations like Sangang, Kuangyinshan, Fush Village, etc.

Table with columns: YULB, Yu-li, 1.56 209 P, Pn, 01 06 51.2 +1.8, etc. Includes stations like Xinyi Township, Chhangbin, etc.

IDC 19 01:12:24.2±8.3,32°45'S:179°16'W,h103km,60km,mb3.6/4, mbtmp3.9/5,Error ellipse: s-maj=72.3km s-min=23.1km az=49.0

ISC 19 01:12:24.6±1.3,32.6S:0.1:179.4W:0.2,h100km,n8, 0.193g,mb3.8/4,South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Urewera, Warramunga Arr, etc.

IDC 19 01:40:52.5±2.2,5°91'S:154°00'E,h0km,mb3.6/3, mbtmp3.6/3,MS3.8/1,Error ellipse: s-maj=179.8km s-min=28.1km az=130.0,Bougainville-Solomon Islands region

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

ISC 19 02:06:18.6,0.9,0.22S,0.08E,119.76E,0.09,h35km,n14,

az=113.12,mb3.9,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like APSI Ampapa, LUWI Luwuk, FITZ Davco City (W), etc.

ISC 19 02:09:02.1, 1.7, 3.56S, 146.06E, h0km, mb4.0/3,

mbtmpt4.1/5, ML3.7/1, MS3.2/7, Error ellipse: s-maj=48.8km s-min=26.6km az=109.0, Bismarck Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like PMG Port Moresby, HNR Honiara, WRA Warramunga Arr, etc.

AEIC 19 02:12:43.2, 2.4, 51.32N, 0.05, 174.11W, 0.09, h26km, 7km,

Error ellipse: s-maj=10.4km s-min=3.8km az=134.0

NEIC 19 02:12:43.4, 2.1, 51.30N, 0.05, 174.07W, 0.09, h27km, 9km,

mb3.8/29, ML3.2(AEIC), Error ellipse: s-maj=11.0km s-min=2.8km az=131.0

ISC 19 02:12:49.7, 3.1, 53.06N, 175.30W, h0km, mb3.7/5,

mbtmpt3.6/6, ML3.7/1, Error ellipse: s-maj=78.7km s-min=32.2km az=3.0

ISC 19 02:12:44.7, 1.1, 51.37N, 0.10, 174.13W, 0.05, h35km, n64,

az=122.62, mb3.8/9, Andreanof Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ATKA Atka Island, KOPF Korovin Flat P, etc.

Table with columns: J26L Joseph Creek, E24K Your Creek, K27K Chicken, etc. Rows include various station codes and names.

AEIC 19 02:15:47.5, 0.4, 53.76N, 0.07, 165.09W, 0.09, h49km, 9km,

Error ellipse: s-maj=1.1km s-min=0.6km az=153.0

NEIC 19 02:15:47.5, 0.4, 53.77N, 0.11, 165.00W, 0.11, h44km, 26km,

mb3.7(AEIC), Error ellipse: s-maj=16.8km s-min=6.2km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like AKSA Akutan Strait, AKSA Akutan Strait, etc.

NEIC 19 02:31:58.6, 2.0, 29.55S, 0.1, 176.01W, 0.1, h10km, 1km,

mb5.0/121, Error ellipse: s-maj=18.1km s-min=15.7km az=39.0

MOS 19 02:31:58.1, 1.1, 29.05S, 176.08W, h10km, mb5.1/15,

Error ellipse: s-maj=15.8km s-min=13.9km az=163.2

GCMT 19 02:31:59.6, 0.3, 29.04S, 0.03, 175.81W, 0.02, h18km,

MV4.9/94, Moment Tensor Solution, s37,c45; s94,c130;

Duration: 0 Moment tensor: Scale 10^16Nm; Mir-3.03e-18;

M=1.14e-12; M=1.89e-12; M=0.49e-30; M=1.57e-07;

M=1.01e-25; Best double couple: M=3.2790e-09;

NP1=3214.00000; s55.00000; lambda=95.00000; NP2=

q=43.00000; r=83.00000; lambda=83.00000; Principal axes: T

3.3200, P1g10.00000; Azm308.00000; N -0.0820.

P1g4.00000; Azm217.00000; P -3.2380, P1g79.00000;

Azm104.00000; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function

ISC 19 02:32:04.6, 2.9, 29.09S, 176.23W, h53km, 23km, mb4.2/16,

mbtmpt4.4/16, MS4.2/28, Error ellipse: s-maj=19.4km s-min=17.6km az=66.0

NOU 19 02:32:48.5, 32.58S, 177.79W, h75km, mb4.5/10, South of

Ruapehu, Kermadec Islands

ISC 19 02:31:58.2, 3.0, 29.41S, 0.05, 176.01W, 0.05, h10km,

n273, r183/229, mb5.0/86, MS4.2/26, 13C-10D, Kermadec

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like OUV Omahuta, RAGZ Rawiri, RAGZ Rawiri, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Paso Flores, Shemya Is, Asahikawa, La Paz, Pinyon Flats, Isabella, Lake, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Campbell River, Alpin, MFID, Kul'dur, Liberty, Albuquerque, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like MNK, MJK, MNS, MNL, MNR, etc.

Additional text at the bottom right of the page, possibly providing more details or corrections for the station data.

19d 3h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FAKI, MTN, KNRA, KAPPI, FITZ, etc.

IDC 19 02:55:59.9:1.8,9:36S,-148.63E,h0km,mb3.4/2, mbmtpp3.5/3,ML3.0/1,Error ellipse: s-maj=51.3km s-min=25.2km az=157.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IDC, AFAD, ISK, ATH, etc.

2018 OCT

Main table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Mula-Dalaman, SABU, BODR, etc.

1176

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Hacienda Santa, Renca, Cerro Calin, etc.

Table with columns: WHYT, Xinyi Township, 0.28 346, P, Pg, 03 33 34.6, -0.1, etc.

Table with columns: AKLM, AKL, 2.51 134, P, Pn, 04 14 22.6, -1.3, etc.

Table with columns: PBRG, Cabril, 5.64 345, eS, Sn, 04 16 04.5, -3.0, etc.

CNRM 19 04:13:45.1, 36.133N, 6.17W, h72km, ML2.5

comp=N, 17nm, 0.4s

KRSC 19 04:21:47.1 ± 2.6, 49.62N x 154.94E, h233km, 19km, MI4.4

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

Main station list table with columns: AKLM, AKL, 2.51 134, P, Pn, 04 14 22.6, -1.3, etc.

Main station list table with columns: PBRG, Cabril, 5.64 345, eS, Sn, 04 16 04.5, -3.0, etc.

19d 5h

Table with columns for station names (KAN14, KAN17, etc.), times, and codes. Includes entries like 'Caldwell West' and 'Argonia South'.

ISK 19 05:07:20.9, 37.88N, 36.05E, h9km, ML2/5.1
AFAD 19 05:07:22.3±0.0, 37.82N, 36.02E, h7km, 2km, ML2.5

Main table for 19d 5h section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes many station entries.

AEIC 19 05:10:19.5±0.7, 53.70N, 0.06, 165.04W, 0.07, h30km, 8km.
NEIC 19 05:10:20.1±1.1, 53.71N, 0.06, 165.01W, 0.03, h35km, 2km,

Table for 19d 5h section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries like 'Akutan Strait' and 'Akutan Harbor'.

2018 OCT

Table with columns for station names (CNBA, NEIC, etc.), times, and codes. Includes entries like 'Chacalluta' and 'IPOC Station P'.

Code Station Name Δ° AZ° Phase ID Time Res
AP01 Chacalluta 0.05 219 P Pn 05 17 43.2 -0.3

Main table for 2018 OCT section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes many station entries.

BRSE Bradley Lake S 0.38 205 P Pn 05 51 36.4 +0.2
BRSE Bradley Lake S 0.38 205 P Pn 05 51 36.4 +0.2

Table for 2018 OCT section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries like 'Manacapuru-AM' and 'Novo Progresso'.

1178

Table with columns for station names (ULM, MOOW, etc.), times, and codes. Includes entries like 'Lac du Bonnet' and 'Mina Array Bea'.

IDC 19 05:25:55.0, 1.7, 9.74N, 125.58E, h36km, 20km, mb3.2/11,
mbtm4, 0.12, Error ellipse: s-maj=28.6km s-min=14.9km

Main table for 1178 section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes many station entries.

NEIC 19 05:51:26.5±1.4, 60.08N, 0.03, 150.44W, 0.03, h53km, 7km.
AEIC 19 05:51:27.2±1.3, 60.08N, 0.03, 150.45W, 0.06, h49km, 6km,

Table for 1178 section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries like 'Skliak Lake' and 'Seward'.

Table with columns: PNL, Peninsula, 5.57 90 P, Pn, 05 52 47.2 +0.5, etc. Lists various stations and their coordinates.

Table with columns: E16K, Tukpahlearkir C, 8.62 333 P, Pn, 05 53 28.0 -0.4, etc. Lists various stations and their coordinates.

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

MW5.5/150, Moment Tensor Solution. s150.c272: s150.c281; Duration: 154. Moment Tensor: Scale 10^17 Nm; Mn:1.61e-03; Mw:2.30e-02; Mw0.69:0.02; Mw0.78:0.02; Mw0.26:0.02; Mw0.84:0.02; Best double couple: Mo2.33900e+1017 NP1:0.299.000000; 0.62.000000; 1.20.000000; NP2:0.68.000000; 0.40.000000; 1.47.000000; Principal axes: T 2.1750, Plg161.00000; Azm255.00000; N 0.3310, Plg26.00000; Azm104.00000; P -2.5030, Plg12.00000; Azm8.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangle moment-rate function ISC 19 05:55:12.3-0.3, 2.82S, 0.139, 13E, 0.03, h60km, 2km, h61km; pp-P, n841, r139, 903, mb5.2/170, 29C-1D, Near north coast of Irian Jaya

NEIC 19 05:53:55.9-0.9, 15.25N, 0.033, 60.45W, 0.02, h35km, 2km, mb4.0/4, ML4.1 (TRN), Error ellipse: s-maj=5.9km

ISC 19 05:53:55.5-1.2, 15.25N, 0.033, 60.45W, 0.008, h54km, 13km, n53, c097/79, Leeward Islands

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

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

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like FITZ, WBSI, AS01, ASAR, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ARPS, MORW, MYKOM, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like LHMI, SNSI, ENH, etc.

19d 5h

Table with columns for station call letters, frequency, and various status indicators. Includes stations like BJT, BJI, MDJ, and KLR.

2018 OCT

Table with columns for station call letters, frequency, and various status indicators. Includes stations like BRDH, SHL, HEH, and WMO.

1182

Table with columns for station call letters, frequency, and various status indicators. Includes stations like WMO, Urumqi, and AAK.

Table with columns for station name, coordinates, elevation, and performance metrics. Includes stations like AAK Ala-Archa, SGDS Sogindya, and many others.

Table with columns for station name, coordinates, elevation, and performance metrics. Includes stations like BRVK Borovoye, SII Sitkinak, and many others.

Table with columns for station name, coordinates, elevation, and performance metrics. Includes stations like BRSE Bradley Lake S, J20K Naivata River, and many others.

19D 5h

Table of satellite data for the 19D 5h group, including columns for call sign, name, frequency, power, polarization, and other parameters.

2018 OCT

Main table of satellite data for October 2018, listing various satellite callsigns and their operational details.

1184

Table of satellite data for the 1184 group, including call signs and frequencies.

Table containing satellite indices, station names, and associated parameters like frequency and power.

Table of astronomical observations for 1185, listing stations (PETK, SONM, DRV, etc.), station names, coordinates, and observation details.

ADC 19 06:05:26.9 1.1, 34.65N, 24.60E, h0km, mb3.7/9, mbmp3.7/14, ML3.9/5, MS4.7/1, Error ellipse: s-maj=19.9km s-min=16.1km az=134.0

Table of astronomical observations for 1185, continuing from the previous table with station names like GVD, MBK, etc.

Table of astronomical observations for 2018 OCT, listing stations (KNDR, IMMV, CHAN, etc.), station names, coordinates, and observation details.

ADC 19 06:05:26.9 1.1, 34.65N, 24.60E, h0km, mb3.7/9, mbmp3.7/14, ML3.9/5, MS4.7/1, Error ellipse: s-maj=19.9km s-min=16.1km az=134.0

Table of astronomical observations for 2018 OCT, continuing from the previous table with station names like YTR, YR, etc.

Table of astronomical observations for 2018 OCT, listing stations (GENI, JAY, KMPI, etc.), station names, coordinates, and observation details.

TAP 19 06:47:07.6, 24.616N, 122.53E, h16km, ML3.4, C, JMA 19 06:47:08.3, 0.1, 25°N, 1°E, 122.6E, 0.4, h25km, 1km, MV2.9/13, NW OFF ISHIGAKIUMA IS

Table of astronomical observations for 2018 OCT, continuing from the previous table with station names like EOSE, EOS3, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like NNSB, NNS, NSK, TWY, IRIF, PCY, ETM, TWST, NTST, LXIB, LXIB, SHUL, FUSS, WHF, WHF, HATJ, ESL, NCUH, NCUH, TW, NFF, NFF, TDCB, TDCB, JKRS, WARB, WARB, WARB, EGHF, EGHF, LIOB, LIOB, OWD, OWD, NSTT, NSTT, WUSB, WUSB, SBCB, SBCB, JJ, JH, WHP, HGSD, HGSD, EHY, EHY, WCS, WCS, JISG, TWQ1, YULB, YULB, SSSL, SSSL, EYUL, EYUL, TW, TW, TYC, TYC, TYC, CHKH, CHKH, WHYT, WHYT, FULB, FULB, TPUB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like FITZ, WRA, ASAR, MKAR, KURBB, QSPA, M22K, M22K, M22K, CUT, CUT, CUT, GHO, GHO, PMR, PMR, PMR, SML, SML, SML, SML, SKT, SKT, SKT, WAT, WAT, FIS, FIS, KNK, KNK, KNK, KNK, RC01, RC01, WAT1, WAT1, M23K, M23K, STLK, STLK, WATS, WATS, WATS, SCM, SCM, SCM, SPCG, SPCG, SPU, SPU, PPLA, PPLA, SPCN, SPCN, N20K, N20K, SPCR, SPCR, SPCR, PWL, PWL, PWL, TRF, TRF, TRF, CAPN, CAPN, CAPN, SPBG, SPBG, RND, RND, M20K, M20K, M20K, M20K, M20K, DHY, DHY, DHY, SLKM, SLKM, O22K, O22K, KTH, KTH, KTH.

Table with columns: CAST, Castle Rocks, Time, Residual, and other parameters. Includes stations like CAST, MCK, MCK, M24K, M24K, M24K, GLI, GLI, RDT, L20K, L20K, KLU, KLU, KLU, SEW, SEW, RDJH, RDJH, FID, FID, NC, NC, BPAW, BPAW, BPAW, RDWB, RDWB, M19K, M19K, M19K, M19K, BWN, BWN, BWN, CHUM, CHUM, CHUM, RED, RED, HAR, HAR, HAR, PAX, PAX, PAX, HIN, HIN, K20K, K20K, K20K, L19K, L19K, L19K, BRKL, BRKL, BRKL, BRSE, BRSE, BRSE, O20K, O20K, O20K, P23K, P23K, P23K, EYAK, EYAK, EYAK, EYAK, N19K, N19K, N19K, N25K, N25K, N25K, IVE, IVE, WHH, WHH, NEA2, NEA2, NEA2, CNPM, CNPM, CNPM, WACK, WACK, HDA, HDA, HDA, HDA, BMRM, BMRM, BMRM, CCB, CCB, O19K, O19K, M18K, M18K, M18K, J20K, J20K, J20K, SVW2, SVW2, SVW2, SVW2, P19K, P19K, P19K, P19K, P19K, GLB, GLB, GLB, COLA, COLA, COLA, COLA, TTA, TTA, TTA, TTA, TTA, MENT, MENT, MENT, MLY, MLY, MLY.

19d 6h: 1.08 262 i P Pb 06 47 27.4 -0.5 ...
IDC 19 06:47:31.4±2.0, 2.16S:133.43E, h0km, mb3.9/4, mbtmp4.0/6, ML4.1/2, Error ellipse: s-maj=106.1km s-min=23.1km az=79.0

NEIC 19 06:55:11.7±1.4, 62.05N:0.03:149.90W:0.05, h46km, 7km, Error ellipse: s-maj=3.7km s-min=3.4km az=186.0
AIEIC 19 06:55:11.9±1.4, 62.05N:0.03:149.88W:0.04, h46km, 6km, ML3.4, ML3.5/190(NEIC), Error ellipse: s-maj=3.7km s-min=2.5km az=180.0

ISC 19 06:55:11.7±1.1, 62.05N:0.03:149.88W:0.02, h42km, 9km, 347, c0973/358, Central Alaska

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

IDC 19 07:26:24.31.4, 37.43N-68.39E, h0km, mb3.9/3, mbtp3.8/8, ML3.1/5, MS3.5/4, Error ellipse: s-maj=20.5km s-min=16.8km az=141.0

NINC 19 07:26:24.6.9, 37.91N-67.60E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=55.7km s-min=49.1km az=161.0

ISC 19 07:26:27.0.1.2, 37.65N-10.10, 68.02E, h0.09, h22km, n17, az235/19, mb3.8/3, MS4.0/3, 2C-3D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Ala-Archa, AAK, CHMS, TKM2, MKAR, AKTO, KURBB, BVAR, GNI, ZALV, KIRV, CMAR, BORG, TORO, ILAR, DLBC.

IDC 19 07:40:03.9.1.0, 10.29N-73.86W, h0km, mb3.6/6, mbtp3.8/9, ML3.9/2, Error ellipse: s-maj=27.6km s-min=17.4km az=56.0

RSNC 19 07:40:07.9.0.0, 10.14N-74.4W, h14km, mb0.2km, M3.6, mb4.5, MS4.9, ML4.0, 4M, mb3.1

ISC 19 07:40:09.0.7, 10.45N-0.04, 74.05W-0.04, h35km, n44, az214/73, mb3.7/6, Near north coast of Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ariguani, San Jacinto, Ocana, Uribia, Zaragoza, San Jos de Ur, Pamplona, Barrancabermej, Apartado, Santo Domingo, San Jos de Ur, Capurgana, Puerto Berrio, Barichara, Dabeiba, Aruba, Tame.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like La Rusia, San Pablo de B, Norcasia, Ciudad Bolivar, Guyana, Rosal, Villaroma, Chingaza, Isla Barro Col, Verde, Santa Ana, Villavicencio, Puerto Gaitan, Ortega, Azuero, Lajas, Lajas Array, Pineda Array, Miro, Flores, Torodi, Koumang, Tahuroa, Urewera, Quartz Range, Eidsvold, Mavora Lakes, Armadale, Charters Tower, Coen, Stephens Creek, Buclebucke, Diamond Head, Warramunga Arr, Warramunga Arr.

IDC 19 07:48:01.7.1.3, 18.33S-178.20W, h550km, 14km, mb3.5/15, mbtp4.4/17, Error ellipse: s-maj=16.5km s-min=12.3km az=127.0

NEIC 19 07:48:02.5.1.3, 18.2S-0.1x178.3W-0.1, h549km, 7km, mb4.3/56, Error ellipse: s-maj=21.1km s-min=15.3km az=128.0

BGR 19 07:48:09.6.17, 69S-179.43W, h600km, ISC 19 07:48:04.3.0.5, 18.19S-0.09x178.39W-0.10, h579km, n139, az096/137, mb4.2/40, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Puntis, Pines Island, Mont Dzumac, DZM, KOUNG, TOZ, Urewera, Quartz Range, Eidsvold, Mavora Lakes, Armadale, Charters Tower, Coen, Stephens Creek, Buclebucke, Diamond Head, Warramunga Arr, Warramunga Arr.

WRA comp=Z,2.2nm,0.7s,baz=102,slow=2.8,SNR=21 comp=Z,3.0nm,0.7s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, San Pablo de B, Norcasia, Ciudad Bolivar, Guyana, Rosal, Villaroma, Chingaza, Isla Barro Col, Verde, Santa Ana, Villavicencio, Puerto Gaitan, Ortega, Azuero, Lajas, Lajas Array, Pineda Array, Miro, Flores, Torodi, Koumang, Tahuroa, Urewera, Quartz Range, Eidsvold, Mavora Lakes, Armadale, Charters Tower, Coen, Stephens Creek, Buclebucke, Diamond Head, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLK4, OHAK, ACHA, OMMB, YBH, MPK, PNTR, YERR, LHV, NVAR, NV11, JOAA, KVN, M16K, HO4A, M17K, PRN, K15K, NLWA, WVOR, I07A, I07A, J16K, J16K, SUA, U15A, U15A, E07A, E07A, HLID, M27K, M27K, TX31, TXAR, ILAR, J26L, J26L, M30M, M30M, YHL, YHL, YMR, YMR, PDAR, F24K, F24K, MMAP, CMAR, H29M, H29M, G31M, KURBB, BVAR, ACES, ACES, FINES, AKASO, GAZ, BSEG, BNN, KWP, GORTI, RUE, BURAR, BR131, BRTR, BRTR, RETH, FTLG, NRDL, OSTC, QZC, CLL, CLL, UPC, KRLC, BRG, GTTG, NEUB, HSKO, MMAI, KASTN, MOX, PLN, TANN, MANZ, ZVC, RNTZ, RONS, TNS, GRF, KHK, CKRC, GEC2, GERES, GERES, RONA, ROSALIA.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WLF Waiferdange, ARSA Arzberg, BFO Black Forest, etc.

IDC 19 07:53:54.1±8.7, 24.28Sx179.84W, h461km, 83km, mb3.5/5, mltmp4.3/6, Error ellipse: s-maj=62.9km s-min=20.5km az=46.0

NEIC 19 07:53:58.9±1.5, 24.6S:0.2-180.0W:0.2, h511km, 14km, mb4.3/21, Error ellipse: s-maj=33.5km s-min=21.6km az=212.0

ISC 19 07:53:58.9±1.2, 24.7S:0.1x179.9E:0.2, h500km, n40, o596/40, mb4.2/17, 4C, South of Fiji Islands

Main table for the first section, listing various stations and their coordinates, including PINNC Pines Island, ONTNC Ouen Toro, DZM Mont Dzumac, etc.

IDC 19 08:09:05.3±8.7, 23.89Sx179.86W, h528km, 91km, mb3.0/6, mbtmp3.9/6, Error ellipse: s-maj=45.4km s-min=21.3km az=58.0

ISC 19 08:09:03.9±0.9, 23.8S:0.2x179.9W:0.2, h518km, n28, o1130/26, mb3.4/6, South of Fiji Islands

Table for the second section, listing stations like TLZ Tolley Road, RTZ Ruatoua, HIZ Hautoi, etc.

Table for the third section, listing stations like TXAR Lajitas Array, ARCES ARCESS Array B, HFS Hagfors, etc.

TAP 19 08:21:12.5, 23.94N:121.45E, h20km, ML1.6, 1C, C, Taiwan

Main table for the third section, listing stations like ETM Tongmen, ETM Renai, LXIB Xiulin Townshi, etc.

JMA 19 08:21:17.3±0.1, 25°N±123°3E:0.2, h87km±1km, MV1.3/10, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table for the fourth section, listing stations like YOJ Yonaguni jima, YOJ Yonaguni jima, JYNG Yonagunijimaku, etc.

IDC 19 08:24:17.5±2.6, 35.63Sx178.58E, h181km, 19km, mb3.8/7, mbtmp4.3/8, Error ellipse: s-maj=31.3km s-min=16.0km az=55.0

NOU 19 08:24:17.0, 35.59S:178.78E, h210km, MLV.4, 1/6, Off E. Coast of N. Island, N.Z.

NEIC 19 08:24:19.1±2.9, 35.8S:0.1x178.5E:0.1, h190km, 7km, mb4.1/8, Error ellipse: s-maj=19.4km s-min=16.3km az=220.0

WEL 19 08:24:22.9±0.9, 36°S±8.7, h178km, 11km, M3.9/25, ML4.7/8, MLV3.9/25, Error ellipse: s-maj=12.6km s-min=6.5km az=46.8, confirmed

ISC 19 08:24:20.0±1.1, 35.80S:0.08x178.52E:0.09, h204km, 8km, n104, o1925/118, mb4.0/12, 4C, Off east coast of North Island

Table for the fifth section, listing stations like MXZ Matakaoa Point, MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

Table for the sixth section, listing stations like RUGZ Puketiti, PUZ Mayor Island, MYRZ Whale Island, etc.

ISC 19 08:25:38.2±1.3, 29°10S:70.87W, h70km±13km, ML3.9, MW3.8

NEIC 19 08:25:40.8±1.1, 29°12S:70.02W:0.1, h73km, 9km, mb4.0/2, ML3.8(GUC), Error ellipse: s-maj=15.6km s-min=2.7km az=89.0

GUC 19 08:25:40.1±0.7, 29°13S:70.59W, h65km, 20km, ML3.8

ISC 19 08:25:40.6±0.9, 29°10S:70.77W:0.06, h71km, 9km, n74, o1939/88, 5C-2D, Central Chile

Main table for the sixth section, listing stations like URZ Urewera, EDZR Edgcombe, RAGZ Rawiri, etc.

ASAR Alice Springs, ASAR Alice Springs, WRO Warramunga Arr, WRA Warramunga Arr, etc.

FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, QSPA South Pole Qui, QSPA South Pole Qui, etc.

BELA Belgrano 2, BELA Belgrano 2, SNAA Sanae, SNAA Sanae, etc.

SNAA Sanae, SNAA Sanae, VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, etc.

VNA1 Neumayer-Stat, KSRS Korea Array, PETK Petropavlovsk, etc.

PETK Petropavlovsk, KURBB Kurchatov Arr, ARCES ARCESS Array B, etc.

FINES FINESSE Array B, DBIC Dimbokro, BRTR Keskin Array B, etc.

AKASG Malin Array B, AKASG Malin Array B, AKASG Malin Array B, etc.

HFS Hagfors, HFS Hagfors, HFS Hagfors, etc.

TORD Torodi Arr, SJA 19 08:25:38.2±1.3, 29°10S:70.87W, h70km±13km, ML3.9, MW3.8

NEIC 19 08:25:40.8±1.1, 29°12S:70.02W:0.1, h73km, 9km, mb4.0/2, ML3.8(GUC), Error ellipse: s-maj=15.6km s-min=2.7km az=89.0

GUC 19 08:25:40.1±0.7, 29°13S:70.59W, h65km, 20km, ML3.8

ISC 19 08:25:40.6±0.9, 29°10S:70.77W:0.06, h71km, 9km, n74, o1939/88, 5C-2D, Central Chile

Main table for the seventh section, listing stations like LCO Las Campanas, AC05 El Transito, CO05 La Serena, etc.

Table with columns: Code, Station Name, Az, Alt, Pn, Sn, Time, Res. Includes stations like CO05, AC04, CO01, CO04, etc.

Table with columns: Code, Station Name, Az, Alt, Pn, Sn, Time, Res. Includes stations like BARC, BRUC, PAMC, etc.

Table with columns: Code, Station Name, Az, Alt, Pn, Sn, Time, Res. Includes stations like CHIC, ROSC, ROSE, etc.

DJA 19 08:45:55.6±0.5, 10.5 S, 124° 42' E, h10km, M3.6/4, ML3.6/4, Timor region

Table with columns: Code, Station Name, Az, Alt, Pn, Sn, Time, Res. Includes stations like BATA, BATI, SOEI, etc.

DJA 19 09:04:27.6±1.7, 3.7 S, 7° 13' 9" E, h14km, 18km, M4.9/11, mb5.3/7, mb5.2/11, MLV5.0/5, Mw(m)4.7/7

NEIC 19 09:04:30.1±1.2, 2.94 S, 0.08 x 139.12 E, h54km, 7km, mb4.8/10.3, Error ellipse: s-maj=11.4km s-min=11.0km az=200.0

ISC 19 09:04:31.4±3.3, 2.91 S, 139.14 E, h71km, 30km, mb4.1/17, mbmp4.5/18, MS3.6/26, Error ellipse: s-maj=22.9km s-min=10.5km az=87.0

Table with columns: Code, Station Name, Az, Alt, Pn, Sn, Time, Res. Includes stations like GENI, JAY, TABU, etc.

Table with columns: Code, Station Name, Az, Alt, Pn, Sn, Time, Res. Includes stations like DRS, MTN, MTN, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res. Includes stations like AKT Akhty, TROLL Troll, BELG Belgomorye, etc.

SNET 19 09:33:27.5, 2.4, 12.60N, 88.34W, h14km, ML4.0
CATAV 19 09:33:28.6, 0.5, 12.59N, 88.30W, h29km, 5km, ML4.0
ISC 19 09:33:27.6, 1.5, 12.57N, 0.06, 88.34W, 0.04, h25km, 14km, n56, 0.61/74, Off coast of central America

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res. Includes stations like CSGN Cosiguina Volc, RANC El Ranchito, PACA Pacayal, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res. Includes stations like DJA 19 09:37:30.0, 1.0, 5.5, 8.8, 12.6E, h137km, 17km, M3.4/7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KALU, RUF, KEF, KEF, KLF, FIAO, FINES, etc.

NEIC 19 10:09:25.8:0.6,36:283N:0:010:97:52W:0:01, h7km,5km, Error ellipse: s-maj=1.5km s-min=1.4km az=220.0

NEIC 19 10:09:25.7:0.6,36:289N:0:010:97:51W:0:01, h6km,5km, mb_Lg2.3/21, ML2.5/53, ML2.7, Error ellipse: s-maj=1.5km s-min=1.2km az=224.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CROK, OK048, BLOK, OK051, GC02, OK031, etc.

comp=Z,5.2nm,1.0s NEIC 19 10:11:59.0:1.1, 18:1N:0:2:68:25W:0:08, h87km,7km, ML2.3/14, MD3.0/5(RSPR), Error ellipse: s-maj=25.3km s-min=7.2km az=200.0

RSPR 19 10:12:00.4, 18:24N:68:22W, h88km,1km, MD3.0/5 ISC 19 10:11:57.5:1.6, 18:1N:0:2:68:28W:0:09, h100km, n20, c0599/23,3C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCDR, CRPR, MLPR, AOPR, CELP, SJJG, SDDR, BIM, ILAM, CHIV, etc.

IDC 19 10:16:58.8:1.8,30:25N:113:68W, h0km, mb3.1, mbmtp3.2/7, ML3.6/5, MS3.2/6, Error ellipse: s-maj=26.5km s-min=14.6km az=39.0

ISC 19 10:16:55.7:1.6,30:29N:113:89W:0:04, h0km, 13km, n30, c1650/28, MS3.2/3, 10C-5D, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLGB, PPXB, SFX, PIX, BAH, LAPP, ECXB, SAN, SOX, EDOMX, VTX, BKIR, RHX, SV2X, SJX, HYG, GUYB, PFO, LPIG, ANMO, NVAR, TXAR, PDAR, YBH, NEW, BBB, JTS, ILAR, SDV, AKMO, AKV, ZRO, AKRB, LVA, AKBA, AKGG, AHB, AKSA, AKSA, AKSA, UNV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UNV, MTBL, MSW, MCRP, MGOB, MAPS, WEBT, OKFG, OKFG, OKTU, OKNC, OKCE, OKWR, OKWE, ISLZ, OKSP, FALS, NIKH, NIKH, NIKH, ANKA, etc.

THE 19 10:31:13.8,36:12N:27:42E, h2km,1km, ML2.8/3, Error ellipse: s-maj=1.8km s-min=0.5km az=72.0

ISK 19 10:31:13.4,36:11N:27:36E, h11km, ML2.7/19 AFAD 19 10:31:17.3:0.0,37:56N:30:21E, h7km,3km, ML2.4, ATH 19 10:31:14.7,36:10N:27:43E, h16km,3km, ML2.8/4, Error ellipse: s-maj=4.0km s-min=1.6km az=58.0, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NISR, ARG, ARG, ARG, ARG, KARP, KARP, KARP, DAT, DAT, DAT, DAT, MRSB, BODT, BODT, BODT, YKAV, DALY, MLSB, YER, YER, ZKR, ZKR, ZKR, ZKR, ZKR, SMG, CAME, DNZT, AKAS, AKAS, AKAS, AKAS, APE, APE, CAEL, CAEL, CAEL, KNIK, AYBD, NAZL, APMY, ELL, IDI, AKUM, etc.

NEIC 19 10:32:50.1:2.8,21:20S:0:02:68:99W:0:07, h122km,7km, mb4.2/15, ML4.2(GUC), Error ellipse: s-maj=10.0km s-min=2.2km az=106.0

SJA 19 10:32:51.3:1.3,21:20S:68:95W, h100km, ML4.1, MW4.1

ISC 19 10:32:51.2:0.7,21:13S:68:71W, h120km,3km, mb3.8/7, mbmtp4.1/11, Error ellipse: s-maj=2.1km s-min=13.2km az=104.0

VAO 19 10:32:52.4:0.5,21:12S:68:62W, h103km,4km, mb4.4

ISC 19 10:32:50.2:0.5,21:13S:0:03:68:97W:0:05, h117km,4km, n138, c1883/161, mb4.1/12, 10C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB09, PX03, PB08, IP0C, PATCX, TA01, TA01, TA01, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like TA01, TA02, GO01, LVC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like JANB, SDBA, BOAV, BOAV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like BOSA, MDP, CPUP, MBAR, LPAZ, etc.

Table with columns: MKAR, AAK, BORG, EKA, NOA, SPITS, HFS, ARCES, FINES, FRB, RES, GERES, VRAC, DAVOX, OBAN, AKASG, ESDC, KIRV, MLR, NRIK, BELG, KEST, MDT, YKA, INK, SADO, TIXI, KBZ, AKTO, BVAR, ILAR, ILAR, DLBC, MMAI, KURBB, KURBB, TKL, EIL, NEW, BBB, KDAAK, PDAR, PDAR, MKAR, ELK, YOR, TORD, TBH, ANMO, SJG, NVAR, SHEM, TXAR, TXAR, KLR, PFO, TEIG, PCRV, SDV, LPIG. Each row contains station name, coordinates, and other details.

Table with columns: CMIG, JTS, KRSR, ROSC, PALK, TSMU, CPUP, LBTB. Each row contains station name, coordinates, and other details.

Table with columns: KEST, H48T, I26DE. Each row contains station name, coordinates, and other details.

Table with columns: STKA, ASAR, WRA, QSPA. Each row contains station name, coordinates, and other details.

NEIC 19 11:23:45.3, 2.3, 56.33N, 0.08, 149.22W, 0.10, h10km, 2km, ML3.656, ML3.3(AEIO), Error ellipse: s-maj=13.1km

AEIC 19 11:23:49.8, 2.5, 56.33N, 0.08, 149.22W, 0.11, h10km, 4km, Error ellipse: s-maj=12.2km s-min=7.9km az=157.0

ISC 19 11:23:45.6, 1.5, 56.39N, 0.09, 149.21W, 0.06, h10km, n150, r1911/156, Gulf of Alaska

Table with columns: KDAAK, KDKAK, OHAK, OHAK, OHAK, SII, SII, SII, SYI, SYI, R18K, R18K, CNPM, CNPM, Q23K, MID, BRSE, BRSE, Q19K, BRLL, KAHG, CHIR, SEW, KCE, P23K, ACHA, KJL, KAHC, KAHC, CNTC, PLK4, PLK4, PLK4, Q22K, SLKM, HIN, HIN, KAIM, P16K, P16K, PWL, PWL, RDT, EYAK, EYAK, FID, FID, NCT, Q16K, GLI, GLI, GLI, O19K, O19K, O18K, O18K, O18K, O18K, RCO1, RCO1, RCO1, P17K, BERG, GRIN, SPU, SPU, KNK, KNK, KNK, SNH, CKL, CHGN, CHGN. Each row contains station name, coordinates, and other details.

Table with columns: KHIT, BMRM, PMR, PMR, PMR, PMR, N19K. Each row contains station name, coordinates, and other details.

Table with columns: SPNN, O17K, MESA, KLU, P16K, CROM, SML, TGL, YAH, YAH, VRDI, VRDI, O16K, SKT, N25K, KIAG, CLB, M20K, BALM, N17K, M24K, M24K, PTPK, CHNA, CNBA, M19K, WACK, CTGN, M18K, PNL, LOGN, WAT6, WAZA, O15K, HARP, O28M, N16K, N17K, N19K, TRF, S31K, KTH, L26K, M15K, K20K, TTA, L16K, CHUM, RIDG, SKAG, W30M, S32K, HDA, O30N, M29M, FALS, R24K, L15K, CCB, ISLZ, K27K, IL31, ILAR, COLA, L14K, J17K, J26L, N31M, MLY, L29M, I23K, M30M, J16K, DAWY, EGAK, PRP, P33M, H21K, K29M, H23K, H24K. Each row contains station name, coordinates, and other details.

NEIC 19 11:58:35.7, 2.3, 19.8S, 0.1, 178.2W, 0.1, h57km, 6km, mb4.4/1, Error ellipse: s-maj=16.0km s-min=12.5km az=141.0

ISC 19 11:58:36.7, 1.5, 19.87S, 178.22W, h604km, 17km, mb3.3/13, mbmtmp4.3/16, Error ellipse: s-maj=16.0km s-min=12.9km az=137.0

ISC 19 11:58:36.3, 0.4, 19.79S, 178.00W, 0.07, h600km, n92, r1922/92, mb4.2/34, 3C, Fiji Islands region

Table with columns: MSVF, MSVF, FUTU, NIUE, AF1, RAO, FUNA, PUNN, DZM, DZM, KOUNC, KOUNC, TOZ, TOZ, URZ, CTAO, CTAO, PMG, COEN, COEN, TAOE, BUCO, WRO, WRO, WBO, AS31, ASAR, ASAR. Each row contains station name, coordinates, and other details.

19d 13h

Table of station data for 19d 13h, including station names, codes, and various parameters like P, I, A, M, B, S, and numerical values.

2018 OCT

Table of station data for 2018 OCT, including station names, codes, and various parameters like P, I, A, M, B, S, and numerical values.

1198

Table of station data for 1198, including station names, codes, and various parameters like P, I, A, M, B, S, and numerical values.

2018 OCT

Table with columns: Name, Time, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like CAMEL Denizli, ELL Elmali, YER Yerkesik, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like DRK Karamyk, DRK Karamyk, KSH Kashi, etc.

Table with columns: Name, Time, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like MDOK Medeo, PRZ Przeval'sk, PRZ Przeval'sk, KNDC Almaty, etc.

19d 13h

MOS 19 13:25:45.8-0.38:33N:73:90E, h135km, mbs5,2/69, MS4.2/6, Error ellipse: s-maj=4.2km s-min=2.8km az=99.0

AAA Alma-Ata 5.42 25 eP Pn 13 27 05.2 -0.9 MDOK 5.43 26 eP Pn 13 27 05.4 -0.9

UGON Onchagov 10.54 160 eS Sn 13 29 57.7 -1.3 UJON Ajmer 11.82 176 eP Pn 13 28 28.8 -2.8

19d 13h

2018 OCT

1200

Table with columns for station call sign (e.g., WMQ, FRKB, SEM), frequency, time, and various signal quality metrics (e.g., pmax, LR, SNR).

Table with columns for station call sign (e.g., WBK, GTA, AKT, ASHO), frequency, time, and various signal quality metrics (e.g., S, P, M, LR).

Table with columns for station call sign (e.g., LZH, KIV, SHA1, ZAK), frequency, time, and various signal quality metrics (e.g., LR, P, S, M).

1201

Table with columns for station name, frequency, power, and signal quality. Includes stations like Guiyang, Obninsk, and various international stations.

2018 OCT

Table with columns for station name, frequency, power, and signal quality. Includes stations like Malin Array, Wuhan, and various international stations.

19d 13h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Nanjing, MORS, and various international stations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like THL, MAKR, LANS, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MDJ, BRY, KRLC, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MOA, FABU, OBKA, etc.

19d 13h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2018 OCT

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

1204

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

1205

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DHY Denali Highway, SCRK Sand Creek, RIDG Independent Ri, etc.

2018 OCT

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KDAD Kodiak Island, CHAQ Cirque, CRKE Old Harbor, etc.

19d 13h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ULM Lac du Bonnet, ULM Sadova, NEW Newport, etc.

Table with columns for station name (e.g., DGAR, WMJO, ZALV), coordinates, and various parameters like Pmax, Pmin, and signal strength.

Table with columns for station name (e.g., HYA, HFS, SLIT, SKAR), coordinates, and various parameters like Pmax, Pmin, and signal strength.

Table with columns for station name (e.g., OSTG, OSTas, CHVC, CHVC), coordinates, and various parameters like Pmax, Pmin, and signal strength.

19d 17h

Table of station data for 19d 17h, including columns for station name, frequency, and other parameters. Includes stations like Wetzell, GEC2, CONA, etc.

2018 OCT

Main table of station data for 2018 OCT, including columns for station name, frequency, and other parameters. Includes stations like Alice Springs, Waramunga Arr, etc.

1210

Table of station data for 1210, including columns for station name, frequency, and other parameters. Includes stations like Matopo, H40S2, etc.

Table with columns: WB0, Warramunga Arr, 27.25 123, P, Iamb, 17 29 17.8 +1.2, etc.

BUIJ 19 17:30:28.7, 42:21N:142:95E, h40km, mb4.6/55, mB4.9/20, Ms4.0/28, Ms7.3/27, SKHL 19 17:30:50.1, 42:30N:143:00E, h60km, mb5.0/6, MOS 19 17:30:21.0, 42:26N:142:96E, h53km, mb4.8/37, Error ellipse: s-maj=7.1km s-min=4.7km az=106.5, NIED 19 17:30:31.6, 42:40N:142:90E, h29km, MW4.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm, Mw=0.22, Ms=1.36, Ms4=1.41, Ms=1.90, Mw=4.96, Fault plane solution: Ms=8.1000x10^15 NP1a=20.00000, s88.00000, lambda=114.00000, NP2a=286.00000, s24.00000, lambda=4.00000, JMA 19 17:30:31.6, 42:40N:142:90E, h29km, 1km, MD4.4/20, MW4.5/20, HIDAKA MOUNTAINS REGION, JMA Felt II J1 at HIDAKA MOUNTAINS REGION, NEIC 19 17:30:31.6, 42:37N:142:93E, h43km, 6km, mb4.6/108, Error ellipse: s-maj=8.8km s-min=2.4km az=111.0, BGR 19 17:30:32.2, 42:36N:143:13E, h33km, mb4.4, IDC 19 17:30:32.2, 42:36N:143:13E, h33km, 11km, mb4.0/28, mb1mp4.3/36, ML3.9/57, MS3.7/33, Error ellipse: s-maj=14.3km s-min=8.1km az=105.0, ISC 19 17:30:31.7, 42:29N:142:94E, h49km, 3km, h49km: pP-P, n412, c1562/391, mb4.6/101, MS3.9/42, 16C-13D, Hokkaido region

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

Table with columns: JSS, Shosan, 2.25 340, A, A, 17 31 06.6, etc.

Table with columns: TYV, comp=N, 200nm, 4.5s, smax, smax, etc.

19d 17h

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like Seymchan, Nanjing, HongShan, Shemys Is, Ala, etc.

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Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like Redstone River, Roundabout Mou, Meade River, etc.

1212

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like M30M Minto, Yukon, Haines Junction, Kashi, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, and various station codes like MNK, PABE, HFS, NB2, NOA, BOZ, SFJD, KVN, AK03, AKASG, AKASG, AKAB, AKAB, AKAB, AK01, AK04, KIEV, KIEV, KIEV, KIEV, NVAR, UOSS, UOSS, MI28, RNP9P, LAO, LAO, SORM, PDAR, NDNU, KMPD, ARPR, ARPR, ULM, KWP, KWP, BUR08, BUR08, SRU, SRU, KOLS, KOLS, KOLS, OJC, OJC, OJC, OJC, OJC, OJC, NIE, KSP, BR131, BR131, BR131, BR105, MORC, MORC, MORC, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, PRU, PRU, PRU, KHC, KHC, KHC, KHC, KHC, CONA, CONA, GERES, GERES, GERES, GRF, ARSA, ARSA, RAYN, RAYN, RAYN, RAYN, BIOA, MMAI

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, and various station codes like SOKA, LESA, ELL, ELL, ELL, G40A, G40A, WATA, WTTA, WTTA, WTTA, RETA, SOTA, FETA, FETA, FUORN, FUORN, FUORN, DAVOX, DAVOX, DAVOX, NRCA, NRCA, NRCA, PPT, PPT, PPT, TXAR, TXAR, TXAR, TBI, TBI, TBI, TKL, TKL, TKL, ESDC, ESDC, ESDC, MDT, MDT, MDT, RKT, RKT, RKT, QSPA, QSPA, QSPA, H03N2, H03N2, H03N2, H03N1, H03N1, H03N1, SNA4, SNA4, SIV, SIV, BDFB, BDFB

AUST 19 17:42:43.0-0.7, 34'Sx117E, h2km, ML0.9/4, Error ellipse: s-maj=5.5km s-min=4.4km az=10.1, Western Australia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and various station codes like LM01, LM01, LM03, LM03, LM05, LM05, KDAK, KDAK, KDAK, OHAK, OHAK, OHAK, SVI, SVI, SVI, SII, SII, SII, Q23K, Q23K, Q23K, MID, MID, MID, CNPM, CNPM, CNPM, R18K, R18K, R18K, BRSE, BRSE, BRSE, BRLE, BRLE, BRLE, HOM, HOM, HOM, HOM, Q19K, Q19K, Q19K, SEW, SEW, SEW, KAHC, KAHC, KAHC, AUCH, AUCH, AUCH, P19K, P19K, ACHA, ACHA, ACHA, KAHC, KAHC, ANCK, ANCK, SLKM, SLKM, HIN, HIN, Q20K, Q20K, ILSW, ILSW, ILSW, ILSW, ILSW, CNTC, CNTC, EYAK, EYAK, PWL, PWL

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, and various station codes like PWL, FID, FID, RED, RED, RED, RDSO, RDSO, RDSO, RDT, RDT, RDT, P18K, P18K, P18K, RDWB, RDWB, RDWB, DRFR, DRFR, DRFR, RDJH, RDJH, RDJH, NCT, NCT, RCO1, RCO1, RCO1, RCO1, O19K, O19K, O19K, O18K, O18K, O18K, DIV, DIV, DIV, P17K, P17K, P17K, KNK, KNK, KNK, KNK, KNK, BMRM, BMRM, BMRM, SPCR, SPCR, SPCR, WAX, WAX, WAX, SPCG, SPCG, SPCG, PMR, PMR, PMR, PMR, PMR, PMR, SPBG, SPBG, SPBG, SPWE, SPWE, SPWE, CRQM, CRQM, CRQM, CRQM, CRQM, KLU, KLU, KLU, KLU, N19K, N19K, N19K, TGL, TGL, TGL, TGL, SML, SML, SML, SML, SML, M23K, M23K, YAH, YAH, SCM, SCM, CHGN, CHGN, CHGN, CHGN, CHGN, VRDV, VRDV, VRDV, O17K, O17K, O17K, N25K, N25K, N25K, N1AG, N1AG, N1AG, G1BH, G1BH, G1BH, K18K, K18K, K18K, GRNC, GRNC, SKT, SKT, MCARA, MCARA, PTPK, PTPK, PTPK, M20K, M20K, M20K, O16K, O16K, O16K, PNL, PNL, CTGM, CTGM, LOGN, LOGN, WACK, WACK, BCPM, BCPM, N17K, N17K, M19K, M19K, M18K, M18K, HARP, HARP, O28M, O28M, WAT7, WAT7, L19K, L19K, O15K, O15K, L20K, L20K, DOT, DOT, O29M, O29M, M26K, M26K, DHY, DHY, M17K, M17K, P29M, P29M, YUK2, YUK2, PAX, PAX, YUK8, YUK8, YUK3, YUK3, M27K, M27K, RND, RND, M16K, M16K, TRF, TRF, N15K, N15K, S31K, S31K, YUK6, YUK6, CAST, CAST, P30M, P30M, MCK, MCK, SIT, SIT, RIDG, RIDG, S12K, S12K, DOT, DOT, PNTA, PNTA, L16K, L16K, CHUM, CHUM, BPAW, BPAW, WSM, WSM, S32K, S32K, K17K, K17K, M30M, M30M, Q23M, Q23M, J20K, J20K, CCB, CCB, J19K, J19K, K27K, K27K, J25K, J25K, IL31, IL31, ILAR, ILAR, ILAR, ILAR, L15K, L15K, J26L, J26L, L29M, L29M, P32M, P32M, J17K, J17K, POKR, POKR, H14K, H14K, L14K, L14K, ISLZ, ISLZ, SLSL, SLSL, P33M, P33M

19d 18h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nakina River, Coal Creek Min, Drury Creek, Noodor Dome, etc.

NEIC 19 18:03:22.6-1.7, 3.27N, 0.08E, 122.61E, 0.08h, h57km, 5km, mb4.6/57, Error ellipse: s-maj=14.4km s-min=8.3km az=46.0

DJA 19 18:03:23.3-0.4, 3.1N, 5.12E, h542km, 4km, M4.2/23, mb4.6/9, mb4.3/23, MLV4.5/14, Mw(MB)3.8/9

IDC 19 18:03:24.1-1.2, 3.22N, 122.58E, h563km, 14km, mb3.4/16, mbmp4.3/17, Error ellipse: s-maj=26.2km s-min=7.7km az=73.0

ISC 19 18:03:22.7-0.6, 3.24N, 0.05E, 122.66E, 0.06h, h549km, 7km, n151, r1324/163, mb4.4/49, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tolitoli, MRSI, KMSI, APSI, LUWI, etc.

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Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI, Pandanaira, FAKI, FAKI, FAKI, etc.

1214

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

NEIC 19 18:52:09.8-1.1, 6.39S, 0.06E, 151.57E, 0.07h, 01km, 1km, mb4.6/18, Error ellipse: s-maj=14.8km s-min=5.4km az=134.0

IDC 19 18:52:14.3-2.8, 6.38S, 151.61E, h57km, 24km, mb3.9/10, mbmp4.3/12, ML2.21, MSZ.94, Error ellipse: s-maj=22.5km s-min=15.2km az=164.0

ISC 19 18:52:09.0-0.5, 6.33S, 0.06E, 151.52E, 0.06h, 10km, n40, r1855/44, mb4.5/18, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL, Rabaul, Port Moresby, PMG, etc.

1215

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, Azimuth Error, Elevation Error. Includes stations like ACHA, MKAR, ZALV, QSPA, ILAR, KURBB, BVAR, NVAR, TORD, BDFB.

KOLA 19 18:56:11.7, 67.69N:33.72E, h0km, ML2.3, Error ellipse: s-maj=2.8km s-min=1.2km az=140.0, Khibiny, mines Kirovsk, Yuxspor

HEL 19 18:56:11.5, 0.2, 67.75N:33.63E, h0km, ML2.2, Suspected explosion

IDC 19 18:56:12.5, 1.7, 67.76N:33.64E, h0km, mbtm3.3/5, ML2.4/4, Error ellipse: s-maj=17.4km s-min=8.8km az=93.0

ISC 19 18:56:08.7, 0.9, 67.58N:0.04, 34.07E:0.04, h0km, n32, e1868/61, Baltic Seas-Belarus-Northwestern Russia

Main table for 1215 section, listing station codes, names, and various parameters. Includes stations like APA, Lovozero, Apatity Array, Teriberka, Vario, etc.

2018 OCT

Main table for 2018 OCT section, listing station codes, names, and various parameters. Includes stations like ANDR, PVDR, BILL, ILLIBINO, etc.

19d 20h

Main table for 19d 20h section, listing station codes, names, and various parameters. Includes stations like M29M, I30M, G31M, ASAJ, DLBC, KLR, YKA, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details for various stations like NORC, CHIC, ROSC, etc.

IDC 19 20:24:17.0, 2.2, 44.42N, 83.79E, h0km, mb4.1/1, mbtmp3.4/6, ML2.7/5, Error ellipse: s-maj=23.7km, s-min=16.3km az=104.0

NNC 19 20:24:20.9, 1.6, 44.48N, 83.74E, h12km, 15km, mb3.8, mpv3.6, Error ellipse: s-maj=13.6km s-min=5.3km az=118.0

SOME 19 20:24:20.3, 4.4, 13N, 83.92E, h15km, ISC 19 20:24:18.6, 1.2, 44.37N, 0.05, 83.80E, 0.06, h10km, n48, az=237/62, 9C-7D, Northern Xinjiang

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other technical details for stations like MAK31, MKAR, MAZK, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, Time, Res, and other technical details for stations like KURS, CHKK, CHKK, etc.

IDC 19 20:30:22.9, 4.5, 20.82S, 169.19E, h0km, mb3.6/2, mbtmp3.5/3, ML2.7/1, MS3.4/2, Error ellipse: s-maj=191.9km s-min=29.2km az=146.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other technical details for stations like DZM, MSVF, WRA, ASAR, NWAQ, EKA, GERES.

IDC 19 20:30:17.8, 3.2, 4.90S, 101.63E, h0km, mb3.6/7, mbtmp3.6/7, Error ellipse: s-maj=142.1km s-min=21.1km az=52.0

DJA 19 20:30:24.9, 0.5, 5.7, 10.2E, h46km, 11km, M4.4/10, mb4.5/7, mbA.9/1, MLV.4/10, Mw(mb)4.2/1

ISC 19 20:30:24.4, 1.4, 4.8S, 0.2, 101.9E, 0.2, h36km, n23, az=150/17, mb3.7/7, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other technical details for stations like LWLI, KASI, PPSI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, Time, Res, and other technical details for stations like WRA, ASAR, SONM, MKAR, KURBB, etc.

BEO 19 21:59:48.8, 0.5, 43.40N, 17.04E, h2km, 2km, ML2.3/16, PDG 19 21:59:49.0, 2.4, 43.38N, 17.12E, h8km, ML2.6/12, Error ellipse: s-maj=0.5km s-min=0.5km az=0.0

RHSSO 19 21:59:49.0, 3.4, 43.39N, 17.15E, h4km, 2km, ML2.4/11, VIE 19 21:59:50.8, 1.1, 43.48N, 17.41E, h8km, mb2.3/4, ml2.2/5, Error ellipse: s-maj=2.9km s-min=8.5km az=49.0

ISC 19 21:59:49.1, 1.1, 43.40N, 0.02, 17.19E, 0.02, h1km, 9km, n69, az=115/134, 11C-7D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res, and other technical details for stations like RIC1, MAKA, HVAR, etc.

1217

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BLY Banja Luka, NKME Niksic, HAPS Han Pijesak, etc.

DJA 19 22:10:39.7-0.2 S, 4.10 2E, h142km, M4.4/6, mb5.0/1, MLv4.1/6, Southern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PPSI Pulau Pagai, PPSI Padang, PPSI Saibi, etc.

SKHL 19 22:12:24.2-0.1, 44.90N, 150.40E, h37km, mb4.3/3, JMA 19 22:12:27.3-0.6, 46 N, 3.14 6E, h263km, MV3.3/2B, SOUTHERN SEA OF OKHOTSK

ISC 19 22:12:19.6-2.8, 46.3N, 02-146.51E, 0.08, h200km, n18, c296/21, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, SHO Shikotan, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JCH Biratori 2, JNBK Urakawa-nobuka, etc.

TAP 19 22:41:11.5, 24.91N, 122.07E, h8km, 1km, ML1.9, 3C, C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, EGS Shuangqi, TIPB Shuangqi, etc.

IDC 19 22:42:07.1-0.7, 7.61S, 128.52E, h0km, mb4.2/12, mbmp4.3/15, ML4.4/3, MS3.07, Error ellipse: s-maj=39.1km s-min=14.6km az=83.0

NEIC 19 22:42:18.7-2.5, 7.86S, 0.08, 128.66E, 0.07, h102km, n10km, mb4.5/15, Error ellipse: s-maj=11.6km s-min=9.9km az=172.0

DJA 19 22:42:19.3-0.2, 8 S, 2.12 9E, h77km, 5km, M4.6/32, mb4.8/32, mb5.1/13, MLv4.8/17, Mw(mb)4.5/13, Mw(mb)4.3/11, Mw(p)4.3/11, Mw(p)4.8/11

ISC 19 22:42:19.1-0.4, 7.84S, 0.05, 128.59E, 0.06, h100km, n106, c280/102, mb4.1/17, Banda Sea

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

19d 22h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

WBO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr

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

WB2 Warramunga Arr, WB1 Warramunga Arr, WR0 Warramunga Arr, JAGI Jajag, Banyuwa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like COEN Coen, COEN Coen, MBWA Marble Bar

PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi

ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs

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

AS01 Alice Springs, WRKA Warakurna, UGM Wanagama, UGM Wanagama

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MTSU Mount Surprise, SBUM Sibuluan, GIRL Giralia

FORF Forrest, FORF Forrest, INKA Innamincka, MULG Mulgathing

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MORW Morawa, MORW Morawa, MORW Morawa

MORW Morawa, LCRK Leigh Creek, KLBR Kellerberrin, BBOO Buclelebo

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BBOO Buclelebo, MUN Mundaring, STKA Stephens Creek

STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NWA0 Narragoin (SR0), NWA0 Narragoin (SR0), NWA0 Narragoin (SR0)

HTT Hallett, CMSA Cobar Meteorol, HNR Honiara, ARPS Mount Arapiles

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KRSR Kora Array, KRSR Kora Array, KRSR Kora Array

MJAR Matsushiro Arr, BJT Baijiatuu, BJT Baijiatuu, BJT Baijiatuu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Arr, ULN Ulanbataar, SONM Songino Array

SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YAK Yakutsk, ZALV Zhalov Beam

KURB Kurchatov Arr, SEY Seymchan, MAW Mawson

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, GSPA South Pole Qui

TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui

IDC 19 22:52:21.8-6.5, 13.42N, 120.53E, h68km, 62km, mb3.8/13, mbmp4.1/13, MS3.2/3, Error ellipse: s-maj=39.0km

NEIC 19 22:52:23.0-2.1, 13.4N, 0.1, 120.4E, 0.2, h74km, 9km, mb4.3/11, Error ellipse: s-maj=25.1km s-min=15.5km az=82.0

ISC 19 22:52:21.7-0.6, 13.39N, 0.08, 120.5E, 0.11, h70km, n32, c567/32, mb4.2/18, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MYLDM Lahad Datu, FAKI Fak Fak, FAKI Fak Fak

19d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like USSRK, WBO, WRA, WBR, WB2, WR0, WR0, ULN, ULN, SONM, SONM, SONM, KLR, AS31, AS31, ASAR, MKAR, MKAR, ZALV, KURBB, KURK, BVAR, BVAR, NRIK, NRIK, ABKAR, ARCES, CASY, FINES, RAR, NB2, NB2, NOA, NOA.

AEIC 19 22:55:55.9, 1.8, 51.01N, 0.074, 179.46E, 0.07, 16km, 4km, Error ellipse: s-maj=7.4km s-min=5.7km az=46.0

NEIC 19 22:55:58.0, 1.6, 51.08N, 0.08, 179.43E, 0.08, h38km, 7km, mb4.3/125, ML4.2(AEIC), Error ellipse: s-maj=11.4km s-min=7.1km az=190.0

IDC 19 22:55:59.0, 2.6, 51.21N, 179.55E, h48km, 24km, mb4.0/26, mbmp4.3/29, ML4.5/2, MS3.6/18, Error ellipse: s-maj=20.1km s-min=11.9km az=171.0

ISC 19 22:55:59.0, 0.5, 51.17N, 0.09, 179.49E, 0.04, h48km, n254, r146/213, mb4.3/78, MS3.6/15, 9C-7D, Rat Islands

Table with columns for Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Frequency, and other technical details. Includes stations like AMKA, AMKA, CESW, CERB, CETU, CEPE, CEPF, LSSE, LSPA, LSNW, GASW, GANW, CAEA, GANE, TANO, TASE, TAFP, KICM, KIWB, KIRW, ADK, ADK, GSKC, GSTD, GSMY, GSTR, SHEM, SHEM, SHEM, ATKA, KOKL, CLCO, NIKH, OKSP, OKWE, OKWR, OKTU, OKTK, POBK, SPIA, MAPS, MGOD, MSW, UNW, AKRB, AKMO, LVA, ZRO, AKGS, AKV, AKBA, AHB, AKSA, WEBT, WEST, ISNN, ISLZ, PN7A, PS12, PS1A, M1K, SDPT, CNBA, PETK, PETK, PETK, O14K, N14K, K13K.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like M14K, N15K, M15K, K15K, O16K, O16K, PLK4, PLK4, M16K, L16K, N17K, N17K, J16K, M17K, M17K, P18K, P18K, K17K, K17K, N18K, O18K, O18K, F15K, J17K, O18K, O18K, L18K, Q19K, N19K, N19K, KDAK, KDAK, J18K, ILSW, SYI, L19K, H18K, MA2, J19K, G18K, CNPM, CNPM, SEY, J20K, SKT, SKT, F19K, CAST, CAST, C18K, E19K, KTH, KTH, BPAW, BPAW, H21K, D19K, G21K, G21K, C19K, C19K, NEA2, NEA2, I21K, DHY, E21K, E21K, POKR, ILAR, ILAR, H24K, B21K, G24K, E24K, SCRAN, J26L, J26L, F26K, F26K, D25K, EGAK, I28M, C27K, ASAJ, F28M, F28M, K29M, H29M, H29M, M30M, M30M, D27M, G29M, G29M, ERM, ERM, I30M, YAK, KLR, KLR, TIXI, A36M, H1N2, H1N2, H1N2.

1218

Table with columns for station name, frequency, power, and other technical details. Includes stations like H1N1, H1N1, H1S2, H1S2, YKA, YKA, KRSR, H04A, H04A, YBH, J05D, I07A, E07B, WVOR, MSO, MSO, HRLD, HRLD, BOZ, NVAR, NVAR, ELK, YHH, YHH, YNR, SONM, YNE, H17A, FLWY, FLWY, GMN, HVU, HVU, RLMT, RLMT, TPNV, DUG, DUG, PRN, PRN, PSUT, PSUT, PDAR, PDAR, MVU, FMU, SPITS, SPB2, ULM, ULM, ZALV, ANMO, ARCES, ARCES, KURK, KURBB, WMOK, MK31, MKAR, MKAR, MAK2, TXAR, BVAR, BRVK, MIAR, ARTI, ARTI, FINES, FINES, ABKAR, KKR, KKR, NB20, NB20, NOA, HFS, CMAR, EKA, AKASG, SORM, KBZ, MEM, MEM, BMRD, BURAR, VYHS, GERES, CONA, DRGR, MOA.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like COVR, BIOA, GNI, ARSA, MLR, etc.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HMDT, NahaH, QRSJ, etc.

Table with columns: Station Name, Azimuth, Altitude, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like VNA1, HMR, PMSA, etc.

IDC 19 23:07:13.6:1.0, 35.543N:26.39E, h0km, mb3.5/5, mbmp3.4/9, ML3.4/4, Error ellipse: s-maj=27.4km s-min=10.5km az=168.0

NEIC 19 23:08:17.9:2.6, 60.115S:0.105:153.6E:0.3, h10km, 2km, mb4.7/21, Error ellipse: s-maj=27.1km s-min=16.1km

GCMT 19 23:08:20.0:0.2, 59.09S:0.015:152.93E:0.03, h28km, MW5:2/10.8, Moment Tensor Solution, s50, c60, s108, c151; Duration: 0 Moment tensor scale 10^16Nm; Mw=6.99300+0.016 NPT; lambda=163.00000, delta=100000, lambda-19.00000, NP2; az=256.00000, az2=0.00000, lambda-171.00000. Principal axes: T 7.3960, P1g7.0000, Azm21.0000; N -0.7970, P1g69.0000, Azm319.0000; P -6.5890, P1g19.0000, Azm118.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function

ISC 19 23:08:18.2:0.5, 60.00S:0.07:153.4E:0.1, h10km, n81, c894/43, mb4.6/17, MS4.1/33, 5C, West of Macquarie Island

IDC 19 23:07:13.6:1.0, 35.543N:26.39E, h0km, mb3.5/5, mbmp3.4/9, ML3.4/4, Error ellipse: s-maj=27.4km s-min=10.5km az=168.0

ISK 19 23:07:15.6:35.69N:26.17E, h5km, ML3.2/9, ATH 19 23:07:17.4:35.63N:26.22E, h16km, 2km, ML3.3/5, Error ellipse: s-maj=2.7km s-min=1.2km az=177.0

THE 19 23:07:17.9:35.60N:26.22E, h18km, 2km, ML3.2/4, Error ellipse: s-maj=2.5km s-min=0.8km az=175.0

ISC 19 23:07:17.6:1.1, 35.560N:0.04:26.35E:0.04, h26km, 10km, n60, c1943/76, mb3.6/5, 1C, Crete

Main table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ZKR, KARP, THR, etc.

AEIC 19 23:19:08.4:2.4, 51.52N:0.09:174.88W:0.06, h26km, 7km, Error ellipse: s-maj=13.3km s-min=4.1km az=162.0

NEIC 19 23:19:09.2:3.5, 51.55N:0.08:174.91W:0.06, h35km, 7km, mb3.9/52, ML3.5(AEIC), Error ellipse: s-maj=12.4km s-min=4.5km az=163.0, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ATKA, GSTR, GSKC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SCM, E19K, F20K, D19K, G21K, etc.

MOS 19 23:20:54.2-1.1, 38.74N:142.15E, h45km, mb4.5/15, Error ellipse: s-maj=10.7km s-min=6.9km az=101.2
IDC 19 23:20:55.7-2.2, 38.68N:142.19E, h43km, mb3.8/19, mbmp3.9/24, MLC3.3/5, MS3.4/15, Error ellipse: s-maj=17.8km s-min=12.6km az=103.0
NIED 19 23:20:55.2, 38.68N:142.37E, h38km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15N; Mn:0.85; M0:0.15; M00:-1.00; M01:-0.98; M02:-0.23; M03:-0.79; Fault plane solution: M0:1.58000x10^15 NP1: 0.221, 0.00000, -0.73, 0.00000, 1.11, 0.00000. NP2: 0.547, 0.00000, -0.27, 0.00000, -0.39, 0.00000.
JMA 19 23:20:55.2-0.1, 38.7N:02-142.4E:0.5, h38km, 1km, MD4.3/40, MV4.4/40, E OFF MIYAGI PREF
JMA Felt J1 at E Off MIYAGI PREF
ISC 19 23:20:55.2-1.1, 38.67N:05.142:35E:0.06, h42km, 8km, n95, e19/79, mb4.1/29, MS3.9/12, 10C-11D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OFUJ, JKMT, JIKH, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JHHS, JIWW, JAHD, JOGG, etc.

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

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

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

20d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSMa, PSMN, PSMAR, EVO, PCVE, PVICE, MVU, MVO, PBRG, DRLN, PAB, ESDC, ESB, EMDT, GYB, SARC, SACT, LMN, BBTs, EKA, E64, F64A, BORG, SCHQ, G62A, I63A, M65A, SENIN, ECH, L61B, BFO, WSPT, SFJD, ACCN, TRY, TUE, M55A, J59A, DAVA, PRMA, FETA, REUT, ZCCA, CASP, KEST, MOTA, J57A, SQT, GRFO, GRA1, GRF, WATA, WTTA, CTI, ABTA, LES, CESX, GPCR, MMNY, CLL, FDMO, NRCA, PRED, KHC, BIOA, GUMA, GERES, CAMP.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like TAM, MOA, SADO, INTR, OBKA, NORSAR, NC204, JMC, NB2, NOA, NOA, NB201, NC602, NC303, ARSA, S57A, NC405, MDP, CHVC, OSTC, VAE, T57A, DPC, KRUC, O54A, VRAC, HFS, HFS, KRLC, CUC, MODS, MORC, MPLH, O52A, N51A, BIRD, TOR, TOR, TOR, TOR, VYHS, MORH, MORH, V55A, Q52A, Q52A, LANS, ACSO, U54A, OJC, OJC, DBIC, DBIC, PCRV, PSZ, NIE, O49A, SIRR, BZS, TKL, KOLS, HOLL, SURJ, KWP, KWP, 456A, R49A, GERU, MUKU, RAF, RAF, T50A, SUW, SUW, SUW, DRGR, BRUI, FNA, CPCT, KORU, GZR, Y52A, Y52A, PABE, PABE, MOR, WCI, WCI, SFIN, SFIN, RAKU, VAY, LOT, PEHC, STNU, MEF, LIT, BAUV, RIACHU, SWET, CLTN, CLTN, KEF, ARR, BOAV, BOAV, BURR, BURR, RNP2, RNP2, RNP2, RNP2.

1222

Table with columns for station name, frequency, power, and other technical details. Includes stations like IIGN, ARBE, USIN, VOIR, OLIL, DOPR, FINES, FINES, FINES, FIAl, NACGM, OZUR, MLR, MLR, Q44A, Q44A, COVR, MINSK, MNK, MNK, MNK, MNK, MNK, MNK, MNK, M28, M28, LRAL, PLO3, PLO3, PLO3, ELND, VRI, VRI, SDV, PLAL, SIUC, S44A, M30, ARCES, ARCES, ALN, ALN, BRAL, AK20, AK19, AK18, AK18, KIEV, KIEV, KIEV, AK05, AKASG, AKASG, AKASG, AKB, FVM, PBMO, SPITS, SPITS, JUF, JUF, ULM, ULM, LCAR, ITTB, MGMO, VBMS, KARP, KARP, RES, EUNU, X40A, X40A, NPG, U38A, U38A, WLAR, WLAR, MDUB, MIAR, ELL, OBN, OBN, OBN, ROSC, ROSC, TUL3, TUL3, X37A, X37A, T35A, T35A, DEOK, K30B, E0350, OK051, QUOK, OK052, BLOK, BLOK, BR131, BRTR, BRTR, BRTR.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzN, ElN, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzN, ElN. Includes stations like KAN13, KAN14, OK029, CROK, CBKS, Z35A, ACON, PDRB, SAML, SAML, JTS, BRDY, BDFB, GAZ, YKA, YKA, MMAI, DKNS, AMTX, KIRV, K22A, POST, GHJA, N23A, KOPT, SGCY, EGMT, KIV, Q24A, ISBO, KZB, OTAV, BELG, VILB, A36M, ETMB, ETMB, RLMT, GCMT, MARD, MNHN, KARS, GURO, BW06, PD31, PDAR, PDAR, YNR, O20A, YFT, LYMT, FLYW, YHL, YHB, LOHW, PTBL, CMIG, SNOW, PECS, SIRT, FXWY, TPWA, GEVA, CZSB, CZSB, ANMO, ANMO, DLMT, GNI, TXAR, TXAR, MSO, MVCO.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzN, ElN, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzN, ElN. Includes stations like MVCO, MNTX, LENN, SIV, P18A, HWUT, TCUT, SRU, MPU, TMUT, INK, INK, SPUT, SPUT, BBSO, HVU, Q16A, NEW, NLU, F31M, F31M, ARTI, ARTI, BGU, BGU, TCRU, F10A, ATAH, E09A, WUJZ, WUJZ, D27M, D27M, U15A, U15A, LLLB, KNB, KNB, ELK, ELK, CCUT, SPR3, SPR3, I30M, I30M, F28M, F28M, HAWA, HAWA, C27K, C27K, Q12A, E27K, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, AKTO, AKTO, LTY, MXC, MXC, R33M, DLBC, F07A, J08A, I07A, I07A, BMN, WVOR, G06A, G06A, W13A, W13A, F26K, F26K, M30M, M30M, S11A, GNN, G05A, V12A, V12A, HOOD, HOOD, D24K, ABKAR, ABKAR, PINE, NLWA, NLWA, TPH, BBB, BLYC, BLYC, E24K, WCT, WCT, H04A, H04A, JMSD, JMSD, JMSD, GNY, GNY.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzN, ElN, AzE, ElE, AzR, ElR, AzS, ElS, AzO, ElO, AzN, ElN. Includes stations like NRK, NRK, NRK, NVAR, NVAR, GLA, GLA, PAHR, PAHR, J04A, DSP, L04D, OMMB, OMMB, E21K, E21K, PFO, PFO, PFO, ILAR, ILAR, ILAR, ILAR, LPIG, LPIG, YBH, YBH, ISA, ISA, CMB, CMB, CPUP, CPUP, BRVK, BRVK, BVAR, BVAR, LVC, LVC, MBAR, MBAR, FURI, FURI, TXI, TXI, KDKA, KDKA, TSUM, TSUM, KURK, KURK, KURB, KURB, KKAR, KKAR, KKAR, ZALV, ZALV, ZALV, KMBO, KMBO, SIMJ, GAR, GAR, AAK, AAK, MAKZ, MAKZ, MAKZ, MKAR, MKAR, MKAR, MKAR, NRN, NRN, NRN, YAK, YAK, MATP, MATP, LBTB, LBTB, MA2, MA2, BOSA, BOSA, PLCA, PLCA, SUR, SUR, SONM, SONM, SONM, SONM, ULN, ULN, ULN, PETK, PETK, KLR, KLR, MSAW, MSAW, MSAW, WRA, WRA, ASAR, ASAR.

NINC 20 00:52:24.7, 5.9, 37.07N:69.63E, h0km, mb4.2, mvp3.9, Error ellipse: s-maj=49.7km s-min=45.0km az=117.0, IDC 20 00:52:27.9, 8.36, 79N:69.85E, h155km, mb3.0, mbmp3.6/6, Error ellipse: s-maj=80.3km s-min=68.3km

20d 1h

Table with columns: AAK, Station Name, Time, Res, etc. Includes stations like Ala-Archa, Chumysh, Oshpenovka, Tokmak 1, Tokmak 2, etc.

ADC 20 00:57:58.8 ± 1.2, 101.33N, 126.80E, h0km, mb3.9/9, mltmp3.9/9, MS2.9/1, Error ellipse: s-maj=50.7km s-min=27.5km az=63.0

ISC 20 00:58:01.4 ± 0.9, 103.5N, 126.92E, 0.09, h20km, n19, s2506/23, mb3.9/9, 4C-3D, Philippine Islands region

Main station data table for the first section, including columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

CATAC 20 01:05:30.1 ± 0.5, 13.92N, 91.42W, h22km, 5km, ML3.6, CGC 20 01:05:31.6 ± 0.8, 13.96N, 91.49W, h36km, 7.5km, MD3.6

SNET 20 01:05:32.0 ± 1.5, 14.03N, 91.27W, h15km, 7km, ML3.2

ISC 20 01:05:30.6 ± 1.6, 13.93N, 91.41W, 0.05, h21km, 5km

Main station data table for the second section, including columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

2018 OCT

Main station data table for the 2018 OCT section, including columns: MTO3, Station Name, Time, Res, etc. Includes stations like Alcalda de L, Alcalda de Qu, Esquilapas, Universidad Ev, Serv Nac Est T, etc.

NNC 20 01:16:24.5 ± 0.2, 43.34N, 77.99E, h0km, mb2.7, mpv3.1, Error ellipse: s-maj=4.9km s-min=1.3km az=178.0

SOME 20 01:16:25.8 ± 43.28N, 78.00E, h10km

KRNET 20 01:16:25.0 ± 0.1, 43.30N, 78.01E, h20km, mb2.7

ISC 20 01:16:24.9 ± 0.9, 43.29N, 77.97E, 0.02, h13km, gkm, n41, s052/81, 7C-11D, Lake Issyk-Kul region

Main station data table for the 2018 OCT section, including columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

1224

Main station data table for the 1224 section, including columns: KDJ, Station Name, Time, Res, etc. Includes stations like Kajisay, Kurzy, Kurty, Kurty, etc.

ADC 20 01:50:27.9 ± 1.3, 23.39N, 94.32E, h0km, mb3.9/11, mltmp3.9/11, Error ellipse: s-maj=112.6km s-min=17.0km az=57.0

ISC 20 01:50:40.4 ± 1.5, 23.38N, 94.36E, 0.6, h99km, n11, s484/11, mb3.9/11, Myanmar-India border region

Main station data table for the 1224 section, including columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

ADC 20 01:51:08.5 ± 0.7, 36.90N, 141.21E, h0km, mb3.9/17, mltmp3.8/21, ML3.1/4, MS2.4/1, Error ellipse: s-maj=19.3km s-min=15.5km az=80.0

NIED 20 01:51:10.9, 36.88N, 141.31E, h34km, MW3.7, Moment Tensor solution, s3 Moment tensor: Scale 10^14 Nm

Mir-3.87; Mw=1.20; Ms=2.66; Mw-0.31; Mw2.23; Mw0.85; Fault plane solution: Mw=1.9000*10^14 NP1: phi=05.0000°, lambda=05.0000°, delta=105.0000° NP2: phi=48.0000°, lambda=00.0000°, delta=73.0000°

JMA 20 01:51:10.9 ± 0.1, 36.90N, 141.31E, 0.7, h34km, MD4.1/39, MV4.0/39, E OFF FUKUSHIMA PREF

JMA Felt II J1 at E OFF FUKUSHIMA PREF

NEIC 20 01:51:12.8 ± 1.9, 37.00N, 141.31E, 0.1, h20km, 5km, mb4.5/15, Error ellipse: s-maj=12.2km s-min=6.0km az=89.0

ISC 20 01:51:13.2 ± 1.3, 36.91N, 141.14E, 0.06, h28km, 8km, n82, s198/71, mb4.1/26, 7D, Near east coast of eastern Honshu

Main station data table for the 1224 section, including columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include JFY Yanaizu, JYAR Yonezawaaracadi, JOU Okura, etc.

IDC 20 01:52:36.0977, 0.555N-52.14W, h0km, Error ellipse: s-maj=513.3km s-min=229.1km az=122.0, French Guiana

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include LUWI Luwuk, SANI Sanana, KMSI Cibinong, etc.

NEIC 20 02:09:52.6:2.0, 10.67S:0.10:166.7E:0.1, h10km, 2km, mb4.2/7, Error ellipse: s-maj=28.5km s-min=7.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include HNR Honiara, KOUNC Koumac, New Ca, DZM Mont Dzumac, etc.

NEIC 20 02:16:50.9:2.6, 5.29S:0.06:-126.72E:0.09, h10km, 1km, mb4.2/6, Error ellipse: s-maj=17.8km s-min=6.5km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include NLAI Namia, AAI Ambon, MSAL Masohi, etc.

NEIC 20 03:57.1:0.9, 35.235N:0.0099-97.73W:0.01, h5km, Error ellipse: s-maj=2.1km s-min=1.7km az=134.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include SPSP Sidrap Palu, TOLIT Tolitoli, KNRA Kunurra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KURK Kurchatov, BVAR Borovoye Arra, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include QSPA comp=Z, 5.8nm, 1.5s, GSPA South Pole Qui, etc.

JMA 20 03:14:08.0:0.1, 24.22N:0.2:123.8E:0.3, h18km, 1km, MW.0.2/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include IRIF Iriomote-Funau, IRIF Kuro-shima, JKRS Hatsumi, etc.

IDC 20 03:55.7:0.3, 31.64S:177.32W, h0km, mb3.6/2, mbtmp3.6/2, Error ellipse: s-maj=308.7km s-min=59.1km az=158.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, WRA Warramunga Arr, FINES Finnes Array B, etc.

NEIC 20 03:30:57.7:1.1, 35.25N:0.01:97.707W:0.008, h6km, 2km, mb_Lg2.3/24, M.L2.2/25, Error ellipse: s-maj=1.8km s-min=0.8km az=185.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ASAR Alice Springs, ASAR Alice Springs, ARCES ARCES Array B, etc.

NEIC 20 03:57.1:0.9, 35.235N:0.0099-97.73W:0.01, h5km, Error ellipse: s-maj=2.1km s-min=1.7km az=134.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include FNO Franklin, X34A Smith Ranch, WNOK Caldwell North, etc.

IDC 20 03:53:15.8:0.8, 38.80N:89.54E, h0km, mb3.8/11, mbtmp3.9/12, M.L3.4/6, MS2.9/3, Error ellipse: s-maj=2.6km s-min=1.32km az=44.0

20d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WUSHI, PDGK, TARG, MK31, etc.

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

2018 OCT

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LALI, PANCS, LFRS, etc.

1226

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUG, GUMI, TGUH, etc.

DJA 20 04:15:18.6,0.7,2.1N,4.12E, h337km, 7km, M4.1/10, mb4.0/1, MLV4.2/10
NEIC 20 04:15:22.7,2.3,1.7N,0.1E, 123.91E, 0.07, h310km, 12km, mb4.4/9, Error ellipse: s-maj=17.9km s-min=9.0km az=167.0
IDC 20 04:15:38.5,5.2,1.12N,123.32E, h522km, 66km, mb3.1/4, mbtmp4.2/6, Error ellipse: s-maj=98.3km s-min=17.1km az=59.0
ISC 20 04:15:22.6,0.8,1.63N,0.08, 123.97E, 0.08, h310km, n28, s152.0/30, mb4.0/8, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Includes stations like KMSI Cibinong, MRSI Marisa, LUWI Luluk, etc.

IDC 20 04:21:01.2,0.5,3.32N,127.16E, h0km, mb4.4/24, s-maj=29.7km s-min=11.3km az=75.0
DJA 20 04:21:05.9,0.5,3.3N,127.16E, h10km, M4.4/9, mb4.6/7, mb4.9/6, MLV4.4/9, Mw(mb)4.2/6, Mw(Mwp)4.3/1, Mwp4.8/1
MOS 20 04:21:05.2,1.0,3.34N,127.09E, h38km, mb4.9/27, Error ellipse: s-maj=16.1km s-min=6.7km az=110.7
BUJ 20 04:21:07.5,3.32N,127.39E, h58km, mb4.6/34, mb4.8/12, Ms4.2/14, Ms7.3/9/15
NEIC 20 04:21:08.2,0.2,3.24N,127.05E, 0.07, h53km, 7km, mb4.9/75, Error ellipse: s-maj=14.7km s-min=4.4km az=217.0

ISC 20 04:21:08.4,0.5,3.25N,127.09E, 0.06, h49km, 4km, h50km, P-P, n393, s122/368, mb4.8/89, MS3.9/27, 13C-7D, Talaud Islands

Table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Includes stations like TINTI Ternate, DAVO Davao City (W), DAVO Davao City (E), etc.

Main table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Includes stations like KNMB Chin-men Tao, QIZ Giongzhong, WRA Warramunga Arr, etc.

Main table with columns: Code, Station Name, A, AZ, Op, Phase, ID, Time, Res, ISC. Includes stations like ULN ULN, SOMM Songino Array, MOY Mondy, etc.

20d 4h

Table containing 20-day 4-hour weather data for stations K15K through PPLA. Columns include station ID, name, date, time, and various weather parameters.

2018 OCT

Table containing 2018 October weather data for stations B21K through LPSR. Columns include station ID, name, date, time, and various weather parameters.

1228

Table containing weather data for stations LPSR through TORD. Includes station ID, name, date, time, and various weather parameters.

Table titled 'RSNC 20:04:41:37:5:0,0,5 N:1:7:3W:1, h0kM2:3gm, M2.3, mb3.7, ML2.1, Colombia' showing station codes, names, coordinates, and various atmospheric and surface data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZARC Zaragoza, Cauc; MACC Macarena, Meta; YOTC Yotoco, Valle; GARC Garzon, Huila; SJCC San Jacinto, C.

Table for IDC 20 05:00:43.3:6.4, 46:19N, 109:06E, h0km, mbtmp2.1/1, ML3.0/1, Error ellipse: s-maj=43.3km s-min=40.2km. Rows include SONGINO INFRAS, SONGINO Array, WARRAMUNGA INF3.61 206.

Table for IDC 20 05:04:53.5:6.1, 16:58S, 136:01E, h0km, mbtmp2.1/2, ML2.2/2, Error ellipse: s-maj=41.7km s-min=26.2km. Rows include WARRAMUNGA INF3.61 206, WRA Warramunga Arr, ASAR Alice Springs.

Table for IDC 20 05:21:12.0:0.7, 1:57S, 120:89E, h0km, mb3.9/10, mbtmp3.9/12, ML3.3/2, MS3.3/7, Error ellipse: s-maj=31.6km s-min=14.2km. Rows include ASPI Ampana, SPISI Sidrap Pala, LUWI Luwuk.

Table for IDC 20 05:21:17.6:0.6, 1:79S, 0:05:120:50E, h33km, n53, a1520/51, mb4.2/18, MS3.2/6, Sulawesi. Rows include BTOI Gorontalo, BKBB Bulukumba, BKBB Balikpapan.

Table for IDC 20 05:04:42.6:0.2, 50:29N, 191:0E, h0km, PRU 20 05:44:42.6:0.2, 50:29N, 191:0E, h1km. Rows include BKBB Balikpapan, BSSI Bau Basi, FITZ Fitzroy Crossi.

Table for 2018 OCT. Rows include ABKAR Abkulak array, TIXI Tikisi, GQSA South Pole Qui, BRTR Keskin Array B, SNAAS Sanae.

Table for IDC 20 05:44:42.7:0.4, 50:12N, 191:19E, h0km, mb2.7/9, ml2.8/4, ms3.4/6, Error ellipse: s-maj=6.1km s-min=3.0km. Rows include OJC Ojcow, RAC Raciborz, RAC Rostava-Krasne.

Table for IDC 20 05:44:42.7:1.2, 50:14N, 191:01E, h0km, mbtmp3.3/5, ML2.8/5, Error ellipse: s-maj=19.4km s-min=7.6km. Rows include MORC Moravsky Berou, MORC Moravsky Berou, KRILC Krailky.

Table for IDC 20 06:23:30.5:0.8, 14:0N, 01:14:48E, 02:150km, n15, a1519/15, mb3.9/9, Mariana Islands. Rows include GUMMO Guam, GUMMO Guam, PATS Pohnpai.

Table for IDC 20 06:23:07.5:1.6, 51:38N, 15:25E, h15km, 76km, ML2.1. Rows include WTTA Wattenberg, MOTA Mossalm, RETA Reutte.

Table for IDC 20 06:23:07.5:1.6, 51:38N, 15:25E, h15km, 76km, ML2.1. Rows include WTTA Wattenberg, MOTA Mossalm, RETA Reutte.

Table for IDC 20 06:23:07.5:1.6, 51:38N, 15:25E, h15km, 76km, ML2.1. Rows include WTTA Wattenberg, MOTA Mossalm, RETA Reutte.

Table for IDC 20 06:23:07.5:1.6, 51:38N, 15:25E, h15km, 76km, ML2.1. Rows include WTTA Wattenberg, MOTA Mossalm, RETA Reutte.

Table for IDC 20 06:23:07.5:1.6, 51:38N, 15:25E, h15km, 76km, ML2.1. Rows include WTTA Wattenberg, MOTA Mossalm, RETA Reutte.

Table for IDC 20 06:23:07.5:1.6, 51:38N, 15:25E, h15km, 76km, ML2.1. Rows include WTTA Wattenberg, MOTA Mossalm, RETA Reutte.

Table with columns for station name, time, phase ID, and various codes (e.g., JAVC, KHC, KCRC). Includes sub-sections for GERS, MODS, ARSA, etc.

ICD 20 06:38:43.5 1.3, 12.93KN:48:55E, h0km, mb3.8/5, m1btp3.8/5, ML2.5/1, MS3.2/5, Error ellipse: s-maj=47.3km

ISC 20 06:38:47.4 1.1, 13.0N:03:48:5E, 0.1, h26km, n11, o474.6, mb3.7/5, MS3.2/4, Eastern Gull of Aden

Table with columns for code, station name, time, and phase ID. Includes stations like ATD, KMB, MMAI, GNI, BELG, etc.

NEIC 20 06:50:59.8 1.2, 17.9S:0:2:178:6W:0.1, h55km, 9km, mb4.3/21, Error ellipse: s-maj=25.7km s-min=17.1km

ICD 20 06:51:00.3 1.6, 17.97S:178:64W, h561km, 17km, mb3.3/12, m1btp4.1/13, Error ellipse: s-maj=19.7km s-min=15.1km az=122.0

ISC 20 06:51:01.0 1.5, 18.0S:0:1:178:67W:0.1, h579km, n55, o1500/58, mb4.2/22, Fiji Islands region

Table with columns for code, station name, time, and phase ID. Includes stations like MSVF, AFI, PINN, etc.

Table with columns for code, station name, time, and phase ID. Includes stations like QSPA, PETK, NVAR, etc.

ICD 20 07:12:39.3 1.2, 23.52N:143:42E, h0km, mb3.8/8, mbmp3.8/10, ML3.7/2, MS2.8/2, Error ellipse: s-maj=47.1km s-min=18.9km az=79.0

ISC 20 07:12:44.1 1.1, 23.77N:0:1:143:3E:0.3, h31km, n13, o1546/13, mb3.8/8, Volcano Islands region

Table with columns for code, station name, time, and phase ID. Includes stations like JCU, CJJ, GUMO, etc.

Table with columns for code, station name, time, and phase ID. Includes stations like RUGZ, PKRZ, URZ, etc.

ISC 20 07:24:59.4 0.5, 1.4S:4:12:0E, h10km, M3.6/7, M5.6/2, ML3.6/7, Mv(m)B5.1/2, Mv(m)Wp4.7/1, Mvwp5.1/1, Sulawesi

ISC 20 07:33:39.9 1.0, 18.10S:168:44E, h90km, 7km, mb4.3/12, m1btp4.7/13, Error ellipse: s-maj=19.4km s-min=15.9km az=86.0

NEIC 20 07:33:41.0 1.1, 18.17S:0:07:168:43E:0.09, h85km, 4km, mb4.9/26, Error ellipse: s-maj=12.8km s-min=9.0km az=113.0

ISC 20 07:33:41.0 0.5, 18.20S:0:06:168:37E:0.06, h92km, 4km, h92km, n11, o1919/116, mb4.9/28, 5C-4D, Vanuatu Islands

Table with columns for code, station name, time, and phase ID. Includes stations like SBA, COD, JNU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RETA, SOTA, STAL, DOU, CIMO, BFO, FETA, DAVA, TORD.

ISC 20 07:37:16.9-0.7, 22:15S, 169.88E, h0km, mb4.2/14, mbmp4.2/15, MS3.9/25, Error ellipse: s-maj=21.8km s-min=18.0km az=97.0

NEIC 20 07:37:21.6-1.1, 22:05S, 169.61E, h10km, 1km, mb4.9/19, Error ellipse: s-maj=18.3km s-min=11.7km az=160.0

BGR 20 07:37:21.1, 22:25S, 170.72E, h30km, GCMT 20 07:37:23.6-0.3, 22:14S, 0.03:169.90E, 0:02, h23km, MW4.9/81, Moment Tensor Solution, s33, c37, s81, c106; Duration: 0 / Moment tensor: Scale 10^19Nm, M3.375: 19; Mw: 1.32; M2: 0.04; M1: 0.41; 19; Mw: 1.30; 07; Mw: 1.02; 17; Best double couple: M3.22800; 1016 NP1: 139.00000; 648.00000; 1.85.00000; NP2: 9.326.00000; 842.00000; 1.96.00000; Principal axes: T 3.4050, P1g85.0000; Azm1.0000; N -0.3540, P1g4.0000; Azm142.0000; P -3.0510, P1g3.0000; Azm232.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 07:37:21.6-0.4, 22:07S, 0.08:169.79E, 0.05, h25km, n127, 0:142/109, mb4.6/25, MS4.0/23, 7C-4D, Southeast of Loyalty Islands

Main table for station data on the left side, including stations like PINNC, ONTNC, DZM, DZM, DZM, KOUNC, MSVF, MSVF, LHI, HNR, TOZ, TOZ, URZ, URZ, EIDS, MRZ, MSWZ, INZ, RPZ, CTA, STKA, STKA, STKA, RAR, WRO, AS31, ASAR, ASAR, ASAR, WBO, WBO, WRA, WRA, WRA, TBI, TBI, FORT, FORT, PPT2, PPT2, PPT2, KNRA, KNRA, FITZ, FITZ, GUMO, MBWA, NWAO, TAOE, DAV, SBA, SBA, MJAR, MJAR, QSPA, KSRS, USRK, USRK, PETK, PETK, MAW, MAW, SLVN, SLVN.

Main table for station data in the middle, including stations like SLVN, KLR, CMAR, CMAR, CMAR, CHTO, ELIB, TROLL, SNA, SNA, SNA, VNA3, VNA2, VNA1, YBH, PFO, ULN, ULN, SONM, SONM, LPIG, NVAR, NVAR, PALK, ILAR, NEW, ANMO, TXAR, PDAR, RUE, BSEG, VYHS, DORT, UPTC, JAVC, VRAC, FLTG, BRG, BRG, CLL, CLL, KRUC, NRDL, RETH, NEUB, CLZ, EKA, ZVC, TANN, PLN, GTGT, MOX, IBBN, CKRC, MANZ, ROTZ, GE2, GE2, UBB, WET, KASTN, GRF, BUK, SOKA, TNS, RJOB, BTEL, MNL, ABTA, WABA, WTTA, RCHA, RCHA, SOTA, RETA, WLF, BFO, FETA, DAVA, TORD.

NNC 20 07:59:8.0-3.0, 50:12N, 79:09E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=6.0km s-min=1.6km az=57.0, Suspected Mining

ISC 20 07:38:01.1-1.1, 50:02N, 0.06:78.7E, 0.1, h0km, n117, 0:074/26, 9C-13D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KUR07, KUR07, KUR06, KUR14, KUR14, KUR15, KUR15, KURBB, KURBB, KURBB, KURBB, KUR16, KUR16, KUR17, KUR05, KUR04, KUR04, KURK, KURK, MK31, MK31, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, ZALV, ZALV, I46RU, I46RU, BVAR, BVAR, AAK, AAK.

NNC 20 07:41:48.4-2.4, 45:37N, 84:91E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=18.3km s-min=8.3km az=96.0, SOME 20 07:41:48.4, 45:57N, 84:45E, h0km

ISC 20 07:41:47.8-1.8, 45:34N, 0.05:84.69E, 0.09, h10km, n113, 0:262/21, 7C-5D, Northern Xinjiang

Main table for station data on the right side, including stations like ZSN, ZSN, MK31, MK31, MAKZ, MAKZ, MAKZ, PDGK, PDGK, PDGK, PDGK, SHLS, SHLS, SHLS, SHLS, SHLS, SHLS, KPKS, KPKS, KPKS, SATY, SATY, SATY, SATY, KURBB, KURBB, KURBB, KURK, KURK.

ISC 20 08:47:58.3-5.0, 38:04N, 73:77E, h75km, 44km, mb3.6/9, mbmp4.0/14, ML3.8/5, Error ellipse: s-maj=33.4km s-min=17.3km az=23.0

NNC 20 08:48:03.9-3.7, 38:57N, 73:53E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=28.4km s-min=18.7km az=174.0, SOME 20 08:48:05.2, 39:15N, 72:72E, h15km

NEIC 20 08:48:06.1-1.5, 38:41N, 0.04:73.79E, 0.09, h132km, 12km, mb4.4/7, Error ellipse: s-maj=10.3km s-min=6.1km az=85.0

ISC 20 08:48:04.6-0.6, 38:24N, 0.05:73.74E, 0.06, h140km, n66, 0:203/78, mb3.9/11, 4C-4D, Tajikistan-Xinjiang border region

Main table for station data on the right side, including stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

20d 9h

Table with columns: CHMS, Station Name, Az, El, P, S, Time, Res. Includes stations like Chumysh, luzhnay, TKM2, WUSHI, KBL, KK31, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like LPAZ, ETMB, SAML, BBSB, etc.

2018 OCT

ADC 20 08:55:46.4, 43.0, 17.80S, 179.02W, h590km, 108km, mb3.0/3, mbtmp3.9/4, Error ellipse: s-maj=867.2km s-min=118.4km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MSVF, STKA, WRA, ASAR, LYMT, etc.

IDC 20 09:17:04.9, 0.9, 41.87N, 82.22E, h0km, mb3.8/5, mbtmp3.7/10, ML2.3/5, Error ellipse: s-maj=18.2km s-min=12.9km az=75.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SHLS, PDGK, PDGK, UZB, etc.

SOME 20 09:17:10.2, 42.03N, 82.12E, h15km, NNC 20 09:17:10.9, 42.06N, 82.11E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=7.0km s-min=4.0km az=147.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ZHN, DJR, MDOK, etc.

1232

Table with columns: MTBS, Station Name, Az, El, P, S, Time, Res. Includes stations like Karatobe, Karatobe, Karatobe, etc.

RSNC 20 09:18:01.7, 0.0, 7.7N, 1.73W, h152km, 2km, M3.0, mb3.5, mb4.5, ML2.8, Mw(mB)3.7, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BARC, BRJC, PAMC, etc.

20d 9h

Table with columns for station name, frequency, power, and signal strength. Includes stations like HHC, LSFV, BTO, CN2, LSA, MDJ, JAZ, etc.

2018 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like CMWZ, SNZO, YSS, HIA, HMDM, etc.

1236

Table with columns for station name, frequency, power, and signal strength. Includes stations like PETK, WUSU, PDGK, UZB, SATY, etc.

1237

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like TKM2 Tokmak 2, CCD Concordia, Ant, KUU Kurly, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like ATKA Atka Island, SOHO SOHO, DMTO DMTO, etc.

20d 9h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like ARTI Arti, SDPT Sand Point, CHNA Chernabura Isl, etc.

20d 9h

Table with columns for station ID, name, elevation, distance, bearing, and coordinates. Includes stations like L18K Granite Mounta, E18K Tukpahleark C, O18K Koktuh Hills, etc.

2018 OCT

Table with columns for station ID, name, elevation, distance, bearing, and coordinates. Includes stations like H21K Melozitna Rive, SUA Susitna One, C21K Knifeblade Rid, etc.

1238

Table with columns for station ID, name, elevation, distance, bearing, and coordinates. Includes stations like ILAR comp=Z,1.1nm,0.7s, C24K Franklin Bluff, G24K Hadweencz Riv, etc.

20d 9h

Table with columns: BBSR, BB Station, Frequency, Azimuth, Elevation, Station Name, and various status indicators (PKIKP, PKPdf, etc.).

IDC 20 09:51:14.1±0.8, 49.49N; 156.06E, h0km, mb4.5/27, mbtmp4.6/30, ML5.6/2, MS3.7/9, Error ellipse: s-maj=17.9km s-min=14.7km az=170.0

KRSC 20 09:51:17.9±2.8, 49.27N; 157.23E, h40km, mb4.0, Mc4.4, Ms4.4, Felt (I) at Severo-Kuril'sk.

MOS 20 09:51:18.2±0.8, 49.29N; 156.25E, h53km, mb5.0/25, Error ellipse: s-maj=10.1km s-min=3.2km az=75.7

MOS Felt (I) at Severo-Kuril'sk. BUJ 20 09:51:18.5±9.3, 49.37N; 156.23E, h46km, mb4.8/25, MB4.6/12, Ms4.4/12, Ms7.4/3/13

NEIC 20 09:51:20.5±1.2, 49.4N; 0.1±156.1E±0.1, h43km, 4km, mb4.8/132, Error ellipse: s-maj=18.2km s-min=10.2km az=142.0

BGR 20 09:51:26.5±0.38N; 154.19E, h33km, mb4.7

ISC 20 09:51:20.0±0.4, 49.25N; 0.05±156.39E±0.05, h50km, n587, a1919/572, mb4.7/159, MS4.1/7, 25C-31D, Kuril Islands

Main table for station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various status indicators.

2018 OCT

Main table for station data with columns: ZLN, Zelenaya, Frequency, Azimuth, Elevation, Station Name, and various status indicators.

1240

Main table for station data with columns: UNV, Unalaska Valle, Frequency, Azimuth, Elevation, Station Name, and various status indicators.

Table with columns: ID, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Includes entries like B22K Teshekpuk Lake, E22K Anaktuvuk Pass, H11S1 WAKE ISLAND Hy, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Includes entries like E28M Babbage River, I28M Milner Creek, W28M Whitestone, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Includes entries like ARCES ARCCESS Array B, PLID Pearl Lake, HNR Honiara, etc.

Table of meteorological data for 20d 10h, including station codes (e.g., VYHS, MOX, PLN), names, coordinates, and various parameters like elevation and frequency.

Table of meteorological data for 2018 OCT, including station codes (e.g., PDKS, BOVS, ABTA), names, coordinates, and various parameters like elevation and frequency.

Table of meteorological data for 1242, including station codes (e.g., PMG, WRA, ASAR), names, coordinates, and various parameters like elevation and frequency.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IJJI Ishigaki jima, Wufeng Townshi, etc.

Technical data and coordinates: IDC 20:10:47.40.3, 0.6, 41.86N, 82.30E, h0km, mb4.3/22, mbtmp4.3/29, ML3.6/7, MS3.6/20, Error ellipse: s-maj=12.3km s-min=10.0km az=43.0, MOS 20:10:47.40.9, 1.1, 41.88N, 82.30E, h15km, mb4.9/30, MS4.0/5, Error ellipse: s-maj=6.3km s-min=4.5km az=132.1, NEIC 20:10:47.42.5, 1.4, 41.94N, 82.05E, h10km, mb4.8/33, Error ellipse: s-maj=10.7km s-min=2.9km az=32.0, BGR 20:10:47.43.8, 4.1, 37N, 82.09E, h14km, mb4.7, BUJ 20:10:47.43.0, 4.1, 87N, 82.27E, h25km, mb4.3/38, mB4.6/13, ML4.4/12, MS4.4/34, M7.4/2/33, SOME 20:10:47.44.3, 4.1, 98N, 82.05E, h5km, MS4.3, NNC 20:10:47.45.1, 0.9, 41.99N, 82.13E, h0km, mb5.2, mpv4.9, Error ellipse: s-maj=8.2km s-min=5.6km az=169.0, ISC 20:10:47.42.6, 0.3, 41.87N, 82.28E, h13km, n421, p1888/427, mb4.7/14, MS3.8/28, 44C-47D, Southern

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WUSH Wushi, SHLS Shalkode, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DJR 104nm, 0.2s, KPKS Kokpek, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BOOM Boomsokoye usch, BOOM Boomsokoye usch, KUU Kurty, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHMS 24nm, 0.9s, CHMS 113nm, 0.7s, FRU1 Bishkek, etc.

20d 10h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AB31, ABKAR, HRA, SONM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOC, MOS, ZEA, KLMMR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TESR, KEV, MTSE, etc.

20d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include KRBS Karabastu, KRBS Karabastu, KRBS Karabastu, KRBS Karabastu, KRBS Karabastu.

G11 20 11:19:05.7-0.4, 33.56N-0.04:35.75E:0.01, h0km, confirmed

GRAL 20 11:19:09.1-0.3, 33.47N-35.69E, h0km, m2, 8.0, 16km, MD2.8

ISC 20 11:19:08.2-0.3, 33.48N-0.02:35.69E:0.04, h0km, n2p, 0.05924, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include QRWL Qaraoun, RCY Raycha, RCY Raycha, RCY Raycha, SHBL Chebaa, NATI Neve Aviv, NATI Neve Aviv, DORL Deir Qamar, DORL Deir Qamar, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, GEM Phannes, KSHT Keshet, KSHT Keshet, MMCT Mount Meron ar, MMA0B Mount Meron ar, MMA0B Mount Meron ar, FKH Fakhah, BEIL Beino, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Sal'it, SLTI Sal'it, DSI Dead Sea, DSI Dead Sea.

SOME 20 11:25:38.0, 44.65N-82.08E, h30km

NNC 20 11:25:39.1-1.1, 44.71N-81.91E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=13.1km s-min=3.5km az=122.0, Suspected Mining explosion.

ISC 20 11:25:35.5-1.6, 44.83N-0.06:82.15E:0.09, h0km, n16, 0.07226, 1C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include DJR Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, KAPS Kapalasaran, KAPS Kapalasaran, KAPS Kapalasaran, KAPS Kapalasaran, MK31 Makanchi Array, MK31 Makanchi Array, MAZ Makanchi, MAZ Makanchi, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, SATY Saty, SATY Saty, SATY Saty, SATY Saty.

ISN 20 11:33:34.3-0.8, 34.66N-46.18E, h9km, 9km, ML3.7

IDC 20 11:33:35.1-1.1, 34.64N-46.01E, h0km, mb3.8/12, mbtmp3.718, ML3.6/6, MS3.1/2, Error ellipse: s-maj=22.7km s-min=13.9km az=159.0

NEIC 20 11:33:36.4-2.1, 34.59N-0.08:46.1E:0.1, h10km, 2km, mb4.0/12, Error ellipse: s-maj=22.7km s-min=7.5km az=239.0

TEH 20 11:33:36.2, 34.64N-46.19E, h8km, 26km, ML3.7

OMAN 20 11:33:44.8-0.1, 33.74N-46.36E, h10km, mb4.0/24, ms2.9/1, Error ellipse: s-maj=2.7km s-min=1.3km az=230.0

ISC 20 11:33:36.8-0.9, 34.59N-0.03:46.20E:0.03, h19km, 3km, n109, 0.263/126, mb3.8/14, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include IDHR Dehrash, IDHR Dehrash, IGHG Ghaleghazi, KGS1 Ghasr-e-Shirin, GLG1 Gilan-e-Gharb, GLG1 Gilan-e-Gharb, ILIN Lien, KCHF Cheshme Sefid, ILBA Ilam Banvizeh, SNQH Songor, Kerman, ISZA Bozab, IBDR Badra, IBDR Badra, IBDR Badra, IBDR Badra, SDS1 Sardasht, Az, IKRK Kirkuk, IKRK Kirkuk, IKRF Kafar-mosalman, IDOB Doab, BHD Baghdad, BHD Baghdad, BHD Baghdad, HSAM Samedan, MAHB Mahabad.

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Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include BDRS Dareh Seyedi, BMDN Meydan, IHSH Hashtrud, RAFI Al-Rafai, RAFI Al-Rafai, RAFI Al-Rafai, QABG Abargam-Qazvin, IAZR Azarshahr, ISRB Sarab, IHRS Heris, SIRT Sirmak, GAST1 Astara - Iran, IPIR Parnashahr, KLST Kelardasht - M, JHBN Jahan Bin, GRMI Germi, IVRN Varamin, MZPU Pul - Mazandaran, KRSH Karshahi, ISFB Sefidab, GURO Guroybak-BITLI, IFIR Firoozkoo, GNI Gani, IRAM Rameshah, ASF Jabal al Asfar, MMAI Mount Meron ar, MMAI Mount Meron ar, EIL Elat, EIL Elat, TRNA Turayna, TRNA Turayna, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, JRN Qarnain Island, BRTR Keskin Array B, SHME Shamm, BANOM Banah, BANOM Banah, AJN Ajan, MASF Masafi, MASF Masafi, NAZ Nazwa, Dubai, ASUD Al Ashush, Dub, MDH Madha, MDH Madha, FAO Al Faqa, Dubai, FAO Al Faqa, Dubai, UOSS Minazif, UOSS Minazif, HATD Hatta, Dubai, ASHO Ashsiyah, ASHO Ashsiyah, MZR Muzera, ALNE Al Ain, SOHO SOHO, SOHO SOHO, UMZA Um Al Zommo, UMZA Um Al Zommo, HOQ Hoqain, BIDD Bidd, BSY Bisy, BSY Bisy, SMDO Samad, SMDO Samad, WSAR Wadi Sarin, JMDO Jabal Madar, WBK Wadi Bani Khal, JLIN Jalan Bani Buh, MHTO MHTO, DOK Doka, DQM DQM, ABKAR Akbulak array, ABKAR Akbulak array, WHFO Wadi Hafsa, AKTO Aktyusk, ABTO Aybut, SHAO Shalinv, DMTO DMTO, DMTO DMTO, AKASO Malin Array Be, AKASO Malin Array Si, AKBB Malin Array Si, KIEV Kiev, KIEV Kiev, BUR08 Bucovina Ar, S, OJC Ojcow, BRVK Borovoye, BRVK Borovoye, BVAR Borovoye Array, INTR Introdacua, KURKB Kurchatov Arra, KURK Kurchatov, FUORN Intepass-Fuorn, FUORN Intepass-Fuorn, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, FINES FINESS Array B, FINES FINESS Array B, BNI Bardonecchia, BNI Bardonecchia, HFS Hagfors, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ARCES ARCESS Array B, ARCES ARCESS Array B, EKA Eskdalemuir Ar, ESKD Escadalemuir, ESKD Escadalemuir, TORD Torodi Ar, Bea

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Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include TORO, KSRS Korea Array.

G11 20 11:45:04.8-0.4, 31.43N-0.02:34.833E:0.010, h8km, Mw1.8, confirmed, Dead Sea region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include AMAZ Amatzia, AMAZ Amatzia, YTRH Yatir, YTRH Yatir, MDBI Mazada, MDBI Mazada, MSBI Mazada, MSBI Mazada, JER Jerusalem, JER Jerusalem, KEGD Kibutz Ein-Ged, KEGD Kibutz Ein-Ged, DSI Dead Sea, DSI Dead Sea, NVZR Neve Zohar, NVZR Neve Zohar, KZIT Kziot, KZIT Kziot, VJRH Vered Jericho, VJRH Vered Jericho, NTKR Neot Hakikar, NTKR Neot Hakikar, YITV Yitav, YITV Yitav, HZVA Hazeva, HZVA Hazeva, SLTI Sal'it, SLTI Sal'it, ZFRI Zfri, ZFRI Zfri, ZUKM Zukim, ZUKM Zukim, HMDT Nahal Hemdat, HMDT Nahal Hemdat, PRNI Paran, PRNI Paran, PRNI Paran, MMLI Mount Malkishu, MMLI Mount Malkishu, KRMI Paran Flat, KRMI Paran Flat, HRFI Mount Harif, HRFI Mount Harif, MBRI Mt Berech, MBRI Mt Berech, MMA0B Mount Meron ar, MMA0B Mount Meron ar, EIL Elat, EIL Elat, KSHT Keshet, KSHT Keshet.

IDC 20 11:53:38.7-1.3, 69.59N-144.10W, h0km, mb3.5/4, mbtmp3.7/8, ML3.8/4, MS3.0/2, Error ellipse: s-maj=19.3km s-min=17.3km az=28.0

AEIC 20 11:53:38.1-2.0, 69.47N-0.03:144.10W:0.07, h19km, 6km, ML3.9, 5ML3.9/124(NEIC), Mw3.8/29(NEIC), Error ellipse: s-maj=4.8km s-min=3.5km az=204.0

NEIC 20 11:53:38.69-4.6N-144.10W, h17km

NEIC 20 11:53:39.5-1.1, 69.48N-0.02:144.15W:0.03, h10km, 2km, Error ellipse: s-maj=4.1km s-min=2.8km az=348.0

Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M1-0.56; M2-5.34; M3-5.90; M4-0.76; M5-2.45; M6-1.22; Fault plane solution: M6.310000*10^14 NPI: 0.212, 97000, 888.56000, -13.42000. NP2: 0.303, 31000, 876.58000, -178.52000. Principal axes: T 6.5614, Plg8.0000, Azm259.0000; N -0.5258, Plg7.0000, Azm27.0000; P -6.0356, Plg10.0000, Azm167.0000.

ISC 20 11:53:37.8-1.2, 69.52N-0.04:144.11W:0.02, h2km, 9km, 0.293, 1810/293, mb3.6/4, Northern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, ISC, h, m, s, Res, ISC. Rows include C27K Jago River, C27K Jago River, C27K Jago River, C26K Camden Bay, C26K Camden Bay, C26K Camden Bay, D25K Kavik River, D25K Kavik River, D25K Kavik River, D25K Kavik River, D27M Malcom River, D27M Malcom River, D27M Malcom River, D27M Malcom River, E25K Arctic Village, E25K Arctic Village, E25K Arctic Village, E25K Arctic Village, E25K Arctic Village, C24K Franklin Bluff, C24K Franklin Bluff, C24K Franklin Bluff, E27K Coleen River, E27K Coleen River, E27K Coleen River, E27K Coleen River, E27K Coleen River, E27K Coleen River, D24K Happy Valley, D24K Happy Valley, D24K Happy Valley, D24K Happy Valley, F26K Sheenjek River, F26K Sheenjek River, F26K Sheenjek River, F26K Sheenjek River, E28M Babbage River, E28M Babbage River, D28M Stokes Point, D28M Stokes Point, D28M Stokes Point, D28M Stokes Point, F25K Christian River, F25K Christian River, F25K Christian River, F25K Christian River, BMAR Burnt Mountain, BMAR Burnt Mountain, TOLK Toolik Lake Re, TOLK Toolik Lake Re.

IDC 20 11:56:14.1-0.8, 22.35N:125.59E, h0km, mb4.0/17, mbtmp4.0/19, ML3.6/2, MS3.2/16, Error ellipse: s-maj=26.0km s-min=15.9km az=75.0

comp=Z,210nm,14.8s LR LR
LZH comp=Z,180nm,13.1s LR LR
SZB comp=Z,130nm,12.0s 23.64 215 P LR 12 01 25.2 -2.1

FORU Forsmark 0.59 125 P S Sg 11 56 58.4 +0.9
FORU Forsmark 0.59 125 P Sg 11 56 50.9 -0.6
FORU Forsmark 0.59 125 P Sg 11 56 58.4 -0.9

Code Station Name A° AZ° Phase ID Time Res
HATJ Hateruma jima 2.25 318 Op Pn 11 56 51.5 -1.6
HATJ Hateruma jima 2.25 318 Pn 11 57 16.3 -4.6

KAPI Kappang 27.81 192 LR LR 12 12 54.5
SONMI Sotino Array 29.63 334 P LR 12 02 21.7 +0.4
BRDH Bariadhala 31.21 277 LR LR 12 16 56.2

GRAU Graesoe 0.77 120 P Sg 11 56 54.1 -0.8
GRAU Graesoe 0.77 120 P Sg 11 57 04.1 -0.9
GRAU Graesoe 0.77 120 P Sg 11 56 54.1 -0.8

Code Station Name A° AZ° Phase ID Time Res
YONJ Yonaguni jima 3.06 313 P Pn 11 57 03.0 -1.1
YONJ Yonaguni jima 3.06 313 P Pn 11 57 03.0 -1.1
YONJ Yonaguni jima 3.06 313 P Pn 11 57 03.0 -1.1

MAKZ Makanchi 42.57 316 P P 12 04 11.6 -0.2
WARR Warramunga Arr 42.80 168 P P 12 04 12.3 -1.6
WARR Warramunga Arr 42.80 168 P P 12 04 13.5

ARNU Arnoeviken 0.97 5 P Sg 11 57 02.6 -1.0
ARNU Arnoeviken 0.97 5 P Sg 11 57 03.1 -1.4
ARNU Arnoeviken 0.97 5 P Sg 11 57 03.1 -1.4

Code Station Name A° AZ° Phase ID Time Res
JOW 2.8nm,0.3s,baz=126,slow=22,SNR=2.5 S S 11 58 24.8 -6.5
JOW 2.8nm,0.3s,baz=105,slow=26,SNR=1.2 LR LR 11 59 47.9

KURK Kurchatov 45.99 320 P P 12 04 39.7 +0.6
KURB Kurchatov Arra 46.01 320 P P 12 04 39.1 -0.1
AS31 Alice Springs 46.51 169 P P 12 04 42.9 -0.6

AAL Aland 1.49 111 P S 11 57 06.3 -0.4
AAL Aland 1.49 111 P S 11 57 06.3 -0.4
AAL Aland 1.49 111 P S 11 57 06.3 -0.4

Code Station Name A° AZ° Phase ID Time Res
KSR5 Korea Array 15.16 7 P Pn 11 59 48.3 -1.6
KSR5 Korea Array 15.16 7 P Pn 11 59 48.3 -1.6
KSR5 Korea Array 15.16 7 P Pn 11 59 48.3 -1.6

AAK Ala-Archa 46.71 308 LR LR 12 27 12.7
CTAO Charters Tower 46.85 153 P P 12 04 45.6 -0.6
TIXI Tiksi 49.31 1 LR LR 12 27 24.8

ESKU Eskilstuna 1.56 195 P Pn 11 57 08.2 +0.6
ESKU Eskilstuna 1.56 195 P S 11 57 08.2 +0.6
ESKU Eskilstuna 1.56 195 P S 11 57 08.2 +0.6

Code Station Name A° AZ° Phase ID Time Res
NNT1 Ternate 21.57 175 P P 12 01 05.0 -0.6
NNT1 Ternate 21.57 175 P P 12 01 08.9

NAO 20 11:56:39.3-1.4, 60.70N:17.16E, ML2.7
DNK 20 11:56:39.2-0.0, 60.72N:17.16E, h6km,4km, ML3.1,
Confirmed Earthquake
IDC 20 11:56:39.0-0.8, 60.60N:17.20E, h0km, mbtmp3.3/3,

HEMU Hemsoen 1.99 11 P S 11 57 15.4 +1.8
HEMU Hemsoen 1.99 11 P S 11 57 15.4 +1.8
HEMU Hemsoen 1.99 11 P S 11 57 15.4 +1.8

Code Station Name A° AZ° Phase ID Time Res
IGGU Iggoen 0.15 22 P P 12 01 16.2 +1.9
IGGU Iggoen 0.15 22 P P 12 01 15.2 +0.9
IGGU Iggoen 0.15 22 P P 12 01 16.2 +1.9

NAO 20 11:56:40.0-0.8, 60.73N:17.20E:0.01, h10km,6km,
n152, e196/292, 18C-19D, Sweden
Code Station Name A° AZ° Phase ID Time Res
IGGU Iggoen 0.15 22 P P 12 01 16.2 +1.9

KPF Kankaanpaa 2.60 63 eP Pn 11 57 23.4 +1.5
KPF Kankaanpaa 2.60 63 eP S 11 57 59.1 +0.6
KPF Kankaanpaa 2.60 63 eP S 11 57 59.1 +0.6

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Table with columns for station code, name, frequency, and signal strength. Includes stations like NRAO NORESS Array S, NORARS Subarra, and various other radio observatories.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like AKN Aaknes, BJUU ODD1, and various other radio observatories.

20d 12h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ANKY, ANKY, ANKY, and various other radio observatories.

SCB 20 12:15:00.7z 1.21.23S:67.76W, h162km, 12km, ML3, 1/3, MW3.0, Error ellipse: s-maj=6.4km s-min=4.9km az=0.0

GUC 20 12:15:00.8z 0.9.21.26S:67.86W, h174km, 7km, ML3.5, ISC 20 12:14:59.2z 2.21.26S:67.84W, 0.04, h180km, 19km, n20, o09734, 3C, Chile-Bolivia border

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like IPOC Station P, Mochara, and various other radio observatories.

ISK 20 12:23:49.2, 35.34N, 22.93E, h74km, ML3, 4/4, ATH 20 12:23:51.4, 35.26N, 22.91E, h24km, 1km, ML3.0/17, Error ellipse: s-maj=2.7km s-min=1.1km az=34.0

THE 20 12:23:52.6, 35.33N, 22.98E, h28km, 1km, ML3.0/10, Error ellipse: s-maj=2.0km s-min=0.8km az=25.0

IDC 20 12:23:59.1, 21.0, 35.83N, 23.26E, h100km, 88km, mb3.5/7, mbmp3.7/8, ML2.9/1, MS2.9/1, Error ellipse: s-maj=268.8km s-min=26.5km az=27.0

ISC 20 12:23:50.9, 1.2, 35.29N, 0.06, 22.96E, 0.06, h55km, 9km, n57, r1920/81, mb3.6/7, Central Mediterranean Sea

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like KNRD Palaiochora Ch, KNRD Palaiochora Ch, and various other radio observatories.

GNI NORARS Array B 26.85 347 P P 12 29 36.9 -0.6

HFS Hagfors 25.58 349 P P 12 29 14.1 -0.4

FINES FINESS Array B 26.25 3 P P 12 29 19.6 -1.0

NOA NORARS Array B 26.85 347 P P 12 29 25.5 -0.6

ARCES ARCESS Array S 34.33 2 P P 12 30 31.1 -0.8

KURBB Kurchatov Arra 42.44 51 P P 12 31 39.0 -1.1

MKAR Makanchi Array 45.20 56 P P 12 32 02.2 -0.2

ZALV Zalesovo Beam 46.22 46 P P 12 32 09.2 -1.1

20d 12h

NOU 20 12:35:16.5, 21.36S; 169.97E, h0km, ML4.3/12, Southeast of Loyalty Islands
NEIC 20 12:35:19.6, 1.4, 22.1S; 0.2:170.0E:0.1, h10km, 2km, mb4.7/12, Error ellipse: s-maj=27.6km s-min=19.0km az=3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MARE, PINNC, LIFNC, YATNC, OUCNC, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ONTNC, NOUJC, DVP, KOUNC, KOUNC, RPZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AS31, ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MTN, PPT2, PPT2, KNRA, XMAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like FITZ, FITZ, NWA0, TAOE, LUWI, SBA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JOW, QSPA, ASAJ, KLR, CMAR, MA2, ELIB, SNA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like YAK, SONM, LPIG, NVAR, TXAR, GERS, etc.

SNET 20 12:38:14.7, 0.9, 13.56N; 90.65W, h28km, 4km, ML2.8
CGG 20 12:38:17.0, 0.6, 13.54N; 90.85W, h50km, 46km, MD3.0

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Table with columns: FAKI, FAKJ, JAGI, JAGI, KNRA, KNRA, TPUB, Ta-pu, FITZ, Fitzroy Crossi, FITZ, Fitzroy Crossi, WB0, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, MBWA, Marble Bar, MBSWA, Warramunga Arr, PSA0, Pibara Seismi, PSAR, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs, KSR5, Korea Array, BBOO, Buclekoo, BBOO, Makanchi Array, MK31, Makanchi Array, MKAR, Makanchi Array, KURBB, Kurchatov Arra, ABKAR, Abkulkul array, ABKAR, Abkulkul array, QSPA, South Pole Qui, QSPA, South Pole Qui.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WRA, WB2, WRO, MBWA, PSA0, AS31, ASAR, KSR5, BBOO, MK31, MKAR, KURBB, ABKAR, QSPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

NEIC 20 12:47:59.2, 1.1, 34.05N; 0.02:97.42W:0.02, h4km, 5km, mb_Lg3.1/11, ML2.7, ML3.2/22, Error ellipse: s-maj=5.5km s-min=2.1km az=52.0

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Table with columns: R32A, Long Quarter, FCAR, Ozark Folk Cen, RTBA, Rita Blanca, S39A, Bolivar, KSU1, Kansas State U, 735A, Kennedy, MGMO, Mountain Grease, MNHN, Monahans, DRIO, Del Rio, LCAR, Lake Charles, SAND, Sanderson, R40A, Maddies Statio, PECS, Pecos, ALPN, Alpine, CCM, Cathedral Cave, KSCO, Kaye Sheddok, VHRN, Van Horn, SLM, San Juan, ANMO, Albuquerque, S44A, Carbonate, SIUC, Southern Illin, OGN, Ogallala, ISCO, Idaho Springs, OLIL, Olney, N23A, Newberry, ECSD, EROS Data Cent.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like R32A, FCAR, RTBA, S39A, KSU1, 735A, MGMO, MNHN, DRIO, LCAR, SAND, R40A, PECS, ALPN, CCM, KSCO, VHRN, SLM, ANMO, S44A, SIUC, OGN, ISCO, OLIL, N23A, ECSD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WB0, WB2, WRA, WRA, etc.

IDC 20 12:48:12.3, 0.7, 17.80S; 173.64W, h0km, mb4.1/8, mbmp4.1/8, MS3.6/25, Error ellipse: s-maj=35.7km s-min=19.3km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like NEW Newport, S22A 4UR Ranch, H03S2 Juan Fernandez, etc.

IDC 20 12:52:53.0, 8.0, 53.82N, 162.39E, h0km, mb3.7/8, mbmp3.7/11, ML3.6/3, MS2.8/2, Error ellipse: s-maj=37.8km s-min=16.0km az=157.0

KRSC 20 12:52:54.2, 1.2, 54.03N, 162.25E, h1.4km, 34km, M14.2, ISC 20 12:52:55.4, 0.7, 54.05N, 162.29E, 0.06, h18km, n59, d092/53, mb3.8/8, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like TUMD Tumrok D, SPN Mys Shypunski, KIL Karymskiy, etc.

IDC 20 13:04:28.0, 1.0, 35.37N, 101.78W, h0km, mb3.4/1, mbmp3.8/8, ML3.6/6, MS2.6/2, Error ellipse: s-maj=14.2km s-min=10.2km az=90.0

NEIC 20 13:04:29.6, 1.4, 35.31N, 101.76W, 0.04, h5km, 1km, mb_Lg3.9/134, Mw3.7/2(SLM), Error ellipse:

s-maj=7.1km s-min=3.8km az=28.0, NEIC 20 13:04:30.3, 36N, 101.79W, h25km, Moment Tensor Solution. Moment tensor: Mo4.32000e+10, NP1.0e28.000000, 857.000000, -156.000000, 870.000000, -35.000000. Principal axes: T 4.3175, Plg8.00000, Azm339.00000, N 0.00005, Plg5.00000, Azm79.00000, P -4.3180, Plg39.00000, Azm243.00000; ISC 20 13:04:29.6, 0.5, 35.36N, 101.71W, 0.03, h10km, n106, 1/158/66, Northwestern Texas-Oklahoma border

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like AMTX Amarillo, SMIWD Samnorwood, SMIWD Rita Blanca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like K22A Casper, CCAR Cane Creek, P40A Paris, etc.

SOME 20 13:38:11.4, 41.92N, 82.37E, h10km, NNC 20 13:38:14.2, 1.5, 41.87N, 82.17E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=11.6km s-min=6.6km az=161.0

ISC 20 13:38:20.2, 2.5, 42.1N, 0.3, 1845/41, 4C-50, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like SHLS Shalkode, PDGK Podgornoye, UZB Uzbekistan, etc.

IDC 20 14:09:35.9, 1.1, 6.07S, 151.27E, h0km, mb4.1/5, mbmp4.1/6, ML1.6/1, MS3.4/1, Error ellipse: s-maj=53.8km s-min=22.5km az=126.0

20d 14h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

IDC 20 14:21:28.4-0.4, 23.06N:143.77E, h0km, mb4.7/31, mbmp4.7/34, ML3.4/3, MS4.1/50, Error ellipse: s-maj=16.1km s-min=11.3km az=83.0

JMA 20 14:21:30.8-0.2, 24.1N:141.5E, h0km, MV5.3/35, FAR E OFF OGASAWARA

MOS 20 14:21:33.2-1.1, 23.13N:143.73E, h41km, mb5.2/58, MS4.4/6, Error ellipse: s-maj=9.7km s-min=4.2km az=114.6

GCMT 20 14:21:33.7-0.2, 23.21N:0.101:143.94E:0.02, h12km, MW4.9/121, Moment Tensor Solution, s49,c80, s121,c195, Duration:0, Moment tensor: Scale:10^16Nm; M=2.87E+13, Mw=0.51, Mb=0.36, Ms=0.29, M0=0.29E+20; Mw=1.56E+05, Ms=0.21E+24; Best double couple: M3.12100x10^16 NP2=119.00000°, d8r.00000°, l-88.00000°, NP2=296.00000°, d42.00000°, l-92.00000°. Principal axes: T 3.3500, Plg3.0000°. Azm208.0000°; N -0.4580, Plg1.0000°, Azm298.0000°; P -2.8920, Plg6.0000°, Azm50.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUI 20 14:21:33.5, 23.26N:143.67E, h33km, mb4.8/77, mb5.1/38, Ms4.6/75, MS7.4/72

NEIC 20 14:21:34.7, 1.9, 23.18N:0.07:143.8E:0.1, h35km, 4km, s-maj=3.76, Mw=0.18, Error ellipse: s-maj=14.6km s-min=9.1km az=73.0

ISC 20 14:21:34.1-0.4, 23.12N:0.04:143.86E:0.05, h34km, 1km, h36km: p-P, n868, c1923/729, mb5.2/290, MS4.3/76, 18C-26D, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Haha-jima-NKT2, Chichi jima, Guam, etc.

2018 OCT

Table with columns: SSE, Time, Residual, ISC, h, m, s, ISC. Includes stations like WAKE ISLAND Hy 21.70, WAKE ISLAND Hy 21.71, etc.

1252

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like HNS, HNS, HEH, HEH, HEH, etc.

1253

Table with columns: YAK, VAK, LR, LR, 14 45 22.5, and various station codes and frequencies.

2018 OCT

Table with columns: SDPT, M13K, K13K, K13K, TNA, ZSN, ZSN, O14K, N14K, L14K, M14K, J14K, ANK, F14K, CHGN, O15K, L15K, M15K, N15K, ZAAO, ZALV, ZALV, ZALV, ZALV, ZALV, ZALV, K15K, K15K, K15K, F15K, F15K, R16K, H16K, P16K, N16K, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, L16K, M16K, M16K, O16K, O16K, J16K, J16K, CMSA, MAK2, MAK2, MAK2, MAK2, MAK2, I17K, C16K, CHIR, STKA, STKA, Q16K, O17K, L17K, N17K, N17K, J17K, P17K, Q17K, G17K, M17K, M17K, K17K, D17K, H17K, H17K, F17K, F17K, E17K, E17K, RDOG, RDOG, C17K, C17K, SII, SII, N18K, P18K, R18K, R18K.

20d 14h

Table with columns: L18K, L18K, FORT, FORT, O18K, E18K, E18K, H18K, M18K, F18K, G18K, G18K, J18K, SHLS, SHLS, C18K, C18K, TTA, TTA, POHA, OHAK, OHAK, O19K, B18K, GCSA, N19K, Q19K, MLH, UZB, UZB, UZB, L19K, KNHH, M19K, J19K, J19K, F19K, KDAK, KDAK, KDAK, KDAK, G19K, G19K, P19K, KPKS, KPKS, H19K, A19K, KURK, KURK, KURK, KURK, TDK, TDK, C19K, NRIK, NRIK, NRIK, ZHN, ZHN, ZHN, SATY, SATY, Q20K, KURBB, PRZ, L20K, E19K, E19K, K20K, K20K, D19K, D19K, M20K, M20K, J20K, J20K, I20K, I20K, H20K, H20K, HOM, N20K, SPCR, F20K, F20K, E20K, E20K.

20d 14h

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes entries like D20K Etivluk River, PPLA Purkeypile, MDOCK Medeo, etc.

2018 OCT

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes entries like Q23K Middleton Isla, TOLK Toolik Lake Re, TOLK Toolik Lake Re, etc.

1254

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes entries like E27K Coleen River, YUK3 Moose Creek, IUG Iuzhnay, etc.

20d 14h

2018 OCT

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Table listing station data for 20d 14h, including station names, coordinates, and various parameters like frequency and power.

Table listing station data for Bougainville-Solomon Islands region, including station names, coordinates, and various parameters.

Table listing station data for the 1256 region, including station names, coordinates, and various parameters.

ISK 20 14:31:11.7,39.34N,33.38E,h0km,1km,ML1.4/2, Suspected Mining explosion.

Table listing station data for AFAD 20 14:31:12.5,0.9,39.35N-33.42E,h7km,3km,ML1.1, Turkey.

IDC 20 14:35:50.4,3.4,7.04S,155.63E,h21km,20km,mb4.4/19, mbmp4.5/21,ML4.2/2,MS3.9/18, Error ellipse: s-maj=18.8km s-min=13.2km az=84.0

NEIC 20 14:35:52.7,2.7,7.05S,0.08,155.58E,0.00,h35km,6km, mb4.8/65, Error ellipse: s-maj=12.4km s-min=9.6km az=221.0

DJA 20 14:35:59.1,0.9,7.7S,8.15E, h48km,9km,ML4.4/12, mb84.8/4,mb4.6/12,MLV4.5/1,Mw(mB)4.0/4,MwMwp5.1/1, Mwps5.4/1

ISC 20 14:35:59.3,0.7,7.09S,0.06,155.60E,0.06,h50km,n152, e137/127,mb4.7/49,MS3.8/17,2D,

Table listing station data for Bougainville-Solomon Islands region (continued), including station names, coordinates, and various parameters.

Table listing station data for the 1256 region (continued), 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 I29M Ogilvie Camp, E27K Coleen River, BBB Bella Blau, etc.

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 GO08 Villa O'Higgins, LR04 Corral, MG03 Isla Dawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDFB Brasilia, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

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

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

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 SPITS Spitsbergen Arr, ARCES ARCES Array B, NOA NORSAR Array B, etc.

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 HFS Hagfors, FINES Fines Array B, etc.

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 TGY Tagaytay City, LQP Lukban, GUOP Guinayangan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHTO Chiang Mai, PZH PanZhihua, SNAA Snaae, etc.

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 RPSI Rantau Prapat, LZH Lanzhou, MJAR Matsuhiro Arr, etc.

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 HHC Hu-ho-hao-te, MTN Manton Dam, KNRA Kununurra, etc.

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 USRK Ussuk Arr, GOMU GeErMu, MBWA Marble Bar, etc.

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 SONM Songino Array, SONM Songio Array, SONM Warramunga Arr, etc.

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 WBO Warramunga Arr, WBO Kul'dur, WRA Warramunga Arr, etc.

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

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

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 WMO Warramunga Arr, WMO Warramunga Arr, WMO Warramunga Arr, etc.

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 MAKZ Makanchi, KSH Kashi, NIL Nilore, etc.

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 BBOO Bucleoboo, EIDS Eidsvold, KURBB Kurchatov Arr, etc.

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 KURK Kurchatov, KBL Kabul, KWAR Karatay Array, etc.

20d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARMA Armadale, BVAR Borovoye Array, CAN Caribera, etc.

WEL 20 15:19:19.4-0.7, 32'Sx8'18'0W, h10km, m3.8/14, mb4.3/13, ML4.6/17, MLV4.4/14, Mw(mB)3.5/13, Error ellipse: s-maj=26.8km s-min=4.9km az=110.5, confirmed, South of Kermaec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GLAZ Green Lakes, HAZ Te Kaha, PKGZ Pakihiroa, etc.

IDC 20 15:37:44.4-0.7, 27.64N, 44.76W, h0km, mb3.87, mbmp3.8/7, MS3.5/16, Error ellipse: s-maj=129.8km s-min=34.9km az=179.0

ISC 20 15:37:45.7-3.3, 27.8N, 0.8-44.8W, 0.2, h10km, m2.5, +191.9/7, mb4.0/7, MS3.5/16, Northern Mid-Antic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SADO Sadowa, TKL Tuckaleches C, FRB Frobisher Bay, etc.

2018 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, YKA Yellowknife Ar, FINES FINES Array B, etc.

UPA 20 15:37:44.9-1.5, 8.73N, 83.27W, h5km, 5km, MW4.1 IDC 20 15:37:45.2-4.2, 8.19N, 85.67W, h0km, mb3.1/1, mbmp3.4/2, ML3.9/1, Error ellipse: s-maj=97.7km s-min=36.8km az=123.0

CATAC 20 15:37:45.8-0.3, 8.73N, 83.29W, h4km, 2km, ML4.3 UCR 20 15:37:45.2-0.8, 8.68N, 83.31W, h25km, 2km, MW4.3, Fault plane solution: NP1=110.00000°, 341.03000°, 42.66000°

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JIME Puerto Jimenez, JIME EDPN, EDPN Palmar Norte, etc.

ISC 20 15:37:45.3-0.9, 8.71N, 0.02-83.30W, 0.02, h18km, 7km, n50, +c137/8, 4C-11Z, Costa Rica

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

JTS comp=Z, 38nm, 0.3s, baz=264, slow=23, SNR=12

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

JTS Las Juntas de 2.26 314 Pn 15 38 23.1 +1.1

1258

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like mbmp4, 1/5, Error ellipse: s-maj=51.4km s-min=31.7km, ISC 20 15:39:45.0-1.3, 20.22S-0.07-169.5E, 0.1, h100km, n21, +c1807/20, mb4.2/6, 3C, Vanuatu Islands

IDC 20 16:46:52.0-0.9, 2.42S, 140.52E, h0km, mb4.1/9, mbmp4.2/10, ML4.2/1, MS3.4/17, Error ellipse: s-maj=36.7km s-min=19.1km az=91.0

DJA 20 16:46:54.1-0.7, 2.5 S; 10 x 14 1E; h17km, 3km, M4.4/5, mb4.5/5, mb5.1/1, MLV4.3/3, Mw(mB)4.4/4, NEIC 20 16:46:55.3-2.3, 2.15S, 0.2-140.37E, 0.09, h35km, 2km, mb4.2/11, Error ellipse: s-maj=36.1km s-min=15.7km az=2.0

ISC 20 16:46:55.1-0.6, 2.41S, 0.08-140.44E, 0.05, h24km, n52, +c21/36, mb4.2/10, MS3.4/14, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, JAY Jayapura, GENI Genyem, etc.

AS31 Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 48.0 +1.4

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +0.6

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

ASAR Alice Springs 22.05 196 P P 15 51 49.0 +1.0

NOU 20 15:39:43.3, 20.20S, 169.33E, h0km, MLV4.5/14, Vanuatu Islands

IDC 20 15:39:47.5-6.3, 20.35S, 169.31E, h104km, 44km, mb3.8/4,

Table with columns: ILAR, Elselon Array, South Pole Qui, QSPA, YBH, Dimbokoro, LPAZ. Includes station names, coordinates, and times.

UPA 20 16:56:50.6:0.7, 8:65N-83:59W, h9km, 3km, MD4.1, MW4.2

UCR 20 16:56:50.9:0.8, 8:64N-83:59W, h11km, 4km, MW3.7

CATAC 20 16:56:50.4:0.5, 8:63N-83:59W, h7km, 3km, ML3.7

ISC 20 16:56:50.1:3, 8:64N-83:58W, h10.03, h9km, 12km, n48, c0871/69, 3D, Costa Rica

Main table for 1259 with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations like Puerto Jimenez, Carate, Durika, etc.

NEIC 20 17:26:09.7:1.7, 35:23N:0:01:97:708W:0:009, h8km, 4km, mb, Lg2.18, ML2.241, ML2.5, Error ellipse: s-maj=1.6km

NEIC 20 17:26:09.3:1.6, 35:22N:0:01:97:69W:0:02, h11km, 5km, Error ellipse: s-maj=2.2km s-min=1.8km az=145.0, Oklahoma

Table for NEIC 20 stations including Franklin, OKLAHOMA CITY, Arcadia Dam, Liberty Lake, Smith Ranch, M, Hydro, Custer, S. Brethren Rd, etc.

Table for 2018 OCT with columns: LOOK, CROK, OK048, OK051, OK052, WFTS, BLOK, GC02, ELIS, TUL3, NOKA, KAN14, KAN13, KAN13, KAN17, Z35A, KAN09, KAN01, T35A, X37A, KAN12, SMWU, FW03, FW06, FW07, APMT, TREL, U38A, ABTX, DKNS, HHRH, AMTX, MIAR, POST, CBKS, X40A, BRDY, RTBA, S39A, WHA4, T25A, SANDERSON. Includes station names, coordinates, and times.

IDC 20 17:29:19.3:2.1, 6:85S:130:24E, h0km, mb3.8/1, mbmp4.4/4, ML4.5/3, MS3.0/1, Error ellipse: s-maj=84.7km

NEIC 20 17:29:28.5:2.5, 6:89S:0:00:130:42E:0:07, h97km, 11km, mb4.1/11, Error ellipse: s-maj=12.0km s-min=7.8km az=50.0

DJA 20 17:29:30.2:0.4, 7:53:13:13:1E, h123km, 8km, M4.3/12, mb4.7/6, mb4.4/7, MLV4.5/12, Mw(m)3.9/6

ISC 20 17:29:27.8:0.5, 6:87S:0:04:130:47E:0:05, h100km, n59, c245/66, mb4.0/4, Banda Sea

Main table for 2018 OCT with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations like Saumlaki, BNDI, MASAI, FAKI, KAIMANA, etc.

Table for 20d 17h with columns: PSA00, WRKA, SBUM, OOD, MULG, LCRK, CHTO, MK31, MKAR, MAKZ, GSPA. Includes station names, coordinates, and times.

WEL 20 17:47:17.8:0.5, 46:53:16:17E, h12km, M4.0/8, ML4.2/8, MLV4.0/7, Error ellipse: s-maj=3.9km s-min=3.7km az=116.4, confirmed, Off west coast of South Island

Main table for 20d 17h with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations like Rarakau, Puysegur Point, Resolution Isl, etc.

IDC 20 17:48:59.0:55.0, 22:25S:176:53W, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=1009.0km

NEIC 20 17:49:17.8:2.5, 22:25S:0:1:176:55W:0:2, h155km, 8km, mb4.4/13, Error ellipse: s-maj=32.0km s-min=13.1km az=113.0

ISC 20 17:49:16.7:1.1, 22:21S:0:09:176:55W:0:2, h150km, n18, c153/13, mb4.1/10, South of Fiji Islands

Main table for 20d 17h with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations like Raoul Island, Charters Tower, Warramunga Arr, etc.

20d 18h

Table with columns: YOJ, Station Name, Azimuth, Elevation, and other parameters. Includes stations like TEYL, EAHA, SHUL, TWD, ETCG, etc.

2018 OCT

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like EDH, WNF, WFSB, SSLB, etc.

1260

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like WTK, LAY, LYUB, etc. Also contains technical data for JMA and ICD stations.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like n59, 1818/92, 3D, Costa Rica, EDAD, EDAD, EDAD, etc.

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

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

20d 18h

Table with columns: Station Name, Time, Res, and various status indicators. Includes stations like H1N13 WAKE ISLAND HY, ARMA Armidale, KLR Kuldur, HEH Heihe, ULN Ulanbatar, etc.

20 OCT

Table with columns: Station Name, Time, Res, and various status indicators. Includes stations like ARCES ARCESS Array B, S3IK Pelica, FI1A FINESS Array B, etc.

NOU 20 18:32:54.3,21:26S,170:34E, h0km, mb4.2/8, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

Text block containing station identifiers and coordinates: IDC 20 18:37:38.5, 0.6, 23.09N; 143.83E, h0km, mb4.1/21, mtbpm4, 1/23, ML3.4/2, MS3.4/5, Error ellipse: s-maj=22.0km s-min=13.9km az=77.0

ISC 20 18:37:43.7, 0.5, 23.16N, 0.06E, 143.93E, 0.09, h34km, n137, 1850/128, mb4.6/6S, MS3.4/6, 1E, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ Chichijima, GUMO Guam, JGF Kuroka, etc.

1262

Table with columns: Station Name, Time, Res, and various status indicators. Includes stations like TNCH comp=Z,5.0nm,2.5s, KNRA Kununurra, CMAR Chiang Mai Arr, etc.

20d 18h

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like 237A Washetta, Mont Tackleechee C, 56A Del Rio, 156A King, 340 White Oak Lake, etc.

2018 OCT

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like KSPA Keystone Colle, KAN12 Harper Net, BINY Binghamton, etc.

1264

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like U33K Whale Pass, S34M Telegraph Cree, WRGLY Wrigley, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like H31M Peel River, L29M L29M, J30M Hart River, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like J25K Salcha River, J25K Salcha River, M23K Matcolm River, etc.

20d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHUM, ELIB, BAIF, COLD, E23K, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like GCSA, F20K, N16K, BUG, C21K, etc.

1266

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOX, D17K, CIMO, MANZ, G15K, etc.

1267

Table with 5 columns: Station Name, Frequency, Modulation, Bandwidth, and SNR. Includes stations like FAKI FAKI, ENSHI, CHIANG MAI ARR.

MAN 20 18:51:55.0, 5.06N, 126.74E, h43km, mb5.9, ML5.0, MS5.4
MOS 20 18:51:55.3, 0.9, 5.24N, 126.47E, h75km, mb5.5/66,
MS4, 4/8, Error ellipse: s-maj=7.8km s-min=3.9km
az=114.6

GCMT 20 18:51:57.0, 1.5, 28N, 0.01, 126.61E, 0.01, h90km, s1km,
MW: 3/150, Moment Tensor Solution: s138, e227,
s150, c276; Duration: 1s Moment tensor: Scale 1017
Nm; Mw:0.25±0.02; Mo:~0.08±0.02; Mo~0.17±0.02;
Mo~1.00±0.01; Mw~0.13±0.02; Mw~0.54±0.01; Best double
couple: Mo:1.14100, 1017 N, P1:297.00000°, 887.00000°,
λ92.00000°. NP2:89.00000°, 84.00000°, λ62.00000°.
Principal axes: T 1.2710, Plg48.0000°, Azm209.0000°; N
-0.2610, Plg2.0000°, Azm117.0000°; P -1.0110,
Plg42.0000°, Azm26.0000°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 20 18:51:57.7, 1.6, 5, 22N, 0.06, 126.53E, 0.07, h81km, 3km,
mS=3.272, Mw=3.375 Error ellipse: s-maj=10.6km
s-min=7.7km az=67.0

IDC 20 18:51:58.1, 0.5, 27N, 126.53E, h87km, 7km, mb4.9/28,
mbmp5.2/31, MS4, 1/64, Error ellipse: s-maj=15.3km
s-min=7.6km az=72.0

NEIC 20 18:51:58.5, 5.22N, 126.53E, h70km
NEIC 20 18:51:58.5, 5.32N, 126.63E, h70km, Moment Tensor
Solution. Duration: 2s Moment tensor: Scale 1016Nm;
Mw:1.40; Mo:~1.16; Mo~0.24; Mo~7.42; Mo~2.20; Mo~6.57;
Fault plane solution: Mw:9.4000x1016 NP1:
s309.39000°, 689.90000°, 7.95.07000°. NP2:340.49000°,
35.07000°, λ.1, 11000°. Principal axes: T 1.1329, Plg45.0000°,
Azm224.0000°; N -2.8016, Plg5.0000°,
Azm129.0000°; P -8.5423, Plg45.0000°, Azm34.0000°;
DJA 20 18:51:59.7, 0.3, 5, N, 3, 12E, h99km, 3km, MS2/55,
mB5.8/49, mB5.6/55, MLV5.9/12, Mw(mB)5.3/49,
MwMwp5.0/30, MwP5.3/30

ISC 20 18:51:59.7, 0.3, 5, 21N, 0.02, 126.51E, 0.03, h91km, 1km,
h91km: p-P, n1383, c157/1428, mb5.3/342, 930-80D,

Table with 5 columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID. Lists stations across various regions like Mindanao, Davao, etc.

2018 OCT

Main station list table with 5 columns: Station Name, Frequency, Modulation, Bandwidth, and SNR. Includes stations like IBAJ, MYLDM, NLAI, VPVC, etc.

20d 18h

Table with 4 columns: Station Name, Azimuth, Azimuth Error, Phase ID. Lists stations in the 20-day 18-hour period.

20d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBWA Marble Bar, RABL Rabaul, PSA00 Pilbara Seismi, etc.

2018 OCT

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

1268

Table with columns for station name, frequency, power, and other technical details. Includes stations like BJT Baijiatuu, QLP Quito, QLP Quilpie, etc.

1269

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA Stephens Creek, XLT XiLinHaoTe, and various other transmitters.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAN Canberra, CAN Canberra, and various other transmitters.

20d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MSVF Nonsavu, MSVF Nonsavu, and various other transmitters.

20d 18h

Table with columns for station ID, name, coordinates, and various performance metrics like SNR and error rates.

2018 OCT

Table with columns for station ID, name, coordinates, and various performance metrics like SNR and error rates.

1270

Table with columns for station ID, name, coordinates, and various performance metrics like SNR and error rates.

Table with columns for station ID (e.g., M20K, A21K, Q20K), name, date, time, and other identifiers. Includes entries like Styx River, Barrow, Shuyua Island, etc.

Table with columns for station ID (e.g., PMR, H23K, I23K), name, date, time, and other identifiers. Includes entries like Palmer, Yukon River, Minto, etc.

Table with columns for station ID (e.g., RIDG, BMAR, N25K), name, date, time, and other identifiers. Includes entries like Independent Ri, Burnt Mountain, Chitina, etc.

20d 18h

2018 OCT

1272

Table with multiple columns containing station identifiers (e.g., E29M, YUK8, H29M), names (e.g., Blow River, Steele Glacier, Whitestone), coordinates, and various data points (e.g., 87.26, 22, P, P, 19 04 34.7, -0.2). The table is organized into several vertical sections.

20d 20h

Table with columns for station name, coordinates, and various data points. Includes stations like HNS HongShan, NACB Ninganchiao, MA2 Magadan, etc.

2018 OCT

Table with columns for station name, coordinates, and various data points. Includes stations like TARG Taragay, ILAR Eielson Array, ILAR Boomskoye, etc.

1274

Table with columns for station name, coordinates, and various data points. Includes stations like AKASG, KIEV KIEV, NVAR Minna Array, etc.

Station coordinates and error ellipse information: IDC 20:19:23.8:0.7, 23:10N:143:89E, h0km, mb3.9/14, mbtm3.9/16, MLC3.1/2, MS3.2/12, Error ellipse: s-maj=26.0km s-min=15.2km az=77.0, NEIC 20:19:30.0:1.2, 23:11N:143:82E, h0.2, h35km, 2km, mb4.5/22, Error ellipse: s-maj=24.1km s-min=16.6km az=250.0

Table with columns for Code, Station Name, Az, Phase, ID, Res, Time, ISC, h, m, s, ISC. Includes stations like CJC Chichijima, GUMO Guam, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CAST Castle Rocks, BPAW Bear Paw Mtn, G23K Bananza Creek, etc.

IDC 20:20:42.06.7.0.7.6.18S.143.01E, h0km, mb4.3/14, mbmp4.3/17, ML4.0/1, MS3.3/3, Error ellipse: s-maj=25.8km s-min=14.9km az=84.0

NEIC 20:20:42.08.8.1.2.63S.0.1.142.89E.0.1.0, h10km, 1km, mb4.6/29, Error ellipse: s-maj=19.8km s-min=13.9km az=35.0

DJA 20:20:42.12.9.0.5.6.5S.5.14.3E.5, h54km, 10km, M4.6/5, mb4.5/5, mB4.8/1, MLV4.7/4, Mw(mb)4.0/1

ISC 20:20:42.08.2.0.5.6.34S.0.05.142.91E.0.06, h10km, n56, c173/61, mb4.5/25, New Guinea

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

Table with columns: CHGR, Iamb, Iamb, Time, Res, h, m, s, ISC. Includes stations like SIMJ Simigan, QSPA South Pole Qui, J19K J19K, etc.

JMA 20:20:46.41.8.0.1.24.0N.0.3.121.8E.0.4, h59km, MV2.5/11, TAIWAN REGION

TAP 20:20:46.42.5.24.07N.121.80E, h54km, ML2.8, B, Taiwan

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

Table with columns: WHP, WHP, WCS, YULB, YULB, SSLB, SSLB, NFF, TWF1, TYC, TIPB, TIPB, LIOB, WHYT, CHKH, TWB1, TWQ1, FULB, WJS, WJS, SKH1, WNT, WNT, WNT, ALS, YMO1, YMO1, JYNG, EDLW, EDH, WCKG, WDLH, WCKO, WCKO, STYH, TPUB, TPUB, WTK, SLGT, IRIF, IRIF, MASBT, JKRS, JKRS, JIJ, JIJ, JISG, JISG, JTJ, JTJ. Includes station names and associated data.

SOME 20:20:47.57.9.1.41.85N.82.23E, h10km

NINC 20:20:48.01.9.1.2.41.99N.82.11E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=10.2km s-min=5.9km az=158.0

ISC 20:20:48.02.9.2.42.1N.0.1.182.06E.0.07, h14km, n25, c196/38, 4C-7D, Northern Xinjiang

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

20d 22h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHKK, KST, MK31, MAKZ, TKM2, ZSN, etc.

Code Station Name Az AzZ Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, ASAR, SONM, MKAR.

SOME 20 21:16:07.0, 41.688N, 82.25E, h25km
IDC 20 21:16:07.3, 1.1, 41.81N, 82.19E, h0km, mb3.7/4, mbtmp3.6/8, ML2.8/4, MS3.6/4, Error ellipse: s-maj=21.6km s-min=15.7km az=78.0

NNC 20 21:16:12.9, 1.6, 42.12N, 82.07E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=12.7km s-min=7.0km az=149.0

ISC 20 21:16:10.7, 1.1, 41.88N, 0.06E, 82.14E, 0.04, h14km, n51, c2505/66, mb3.6/4, MS3.6/4, 9C-7D, Southern Xinjiang

Main table for 20d 22h section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHLS, PDGK, UZB, DJR, KURS, SATY, ZHN, ZHH, KURS, KAPS, MDOK, TNS, TDK, CHKK, MTBS, etc.

2018 OCT

Main table for 2018 OCT section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUU, KST, MK31, MKAR, KURB, KURK, ZALV, ARCES, HFS, IDI, GERES, ESDC, TORD, WRA, ASAR, MRNZ, TKNZ, QZR, QRTZ, THZ, NNZ, TUWZ, BSWZ, DUWZ, TCW, CMWZ, KHZ, KHZ, KHZ, LTZ, SNZO, WEL, BHW, BHW, INZ, KIW, CAW, AMBER, GWGZ, MSWZ, PLWZ, PAWZ, OKZ, NBEZ, KHEZ, KHEZ, HOWZ, PKEZ, OHWZ, WVZ, MRZ, TRWZ, WAZ, MHZ, MQZ.

1276

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TMWZ, OKCZ, TIWZ, RACZ, POWZ, PRWZ, AKCZ, VRZ, CPWZ, RPZ, RPZ, WACZ, TSZ, BFZ, BFZ, DVHZ, HATZ, ARVZ, WNVZ, WHVZ, MOVZ, ANWZ, TUWZ, TWVZ, NGZ, SNVZ, FOZ, WTVZ, NWVZ, OTVZ, KRVZ, NTVZ, TMVZ, PRVZ, HIZ, KRHZ, TMZ, KWHZ, PKZ, KAHZ, BKZ, BKZ, LBZ, JCZ, JCZ, MITZ, ODZ, ODZ, RTZ, WKZ, MHGZ, URVZ, URZ, PRGZ, EAZ, RIGZ, MWZ, MSZ, RUGZ, CNGZ, TUZ, HAZ, PKGZ, WCZ, WHZ, SYZ, SYZ, APZ.

NEIC 20 22:21:35.6, 1.7, 56.25N, 0.09E, 149.4W, 0.1, h22km, 9km, ML3.5/36, ML3.4(AEIC), Error ellipse: s-maj=13.5km s-min=7.9km az=162.0

AEIC 20 22:21:38.3, 1.9, 56.18N, 0.09E, 149.4W, 0.1, h10km, 7km, Error ellipse: s-maj=13.5km s-min=8.6km az=164.0

ISC 20 22:21:33.5, 1.5, 56.29N, 0.08E, 149.37W, 0.06, h10km, n84, r126/96, Gulf of Alaska

Main table for 1276 section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KDAK, OHAK, SYI, Q20K, R18K, R18K, R18K, CNPM, CNPM, Q19K, Q19K, Q19K, BRSE, BRSE, BRSE, Q23K, Q23K, Q23K, MID, MID, SEW, SEW, SEW, Q18K, P23K, P23K, P23K, P23K, PLK4, PLK4, PLK4, R17L, IVE, HIN, HIN, KAIM, KAIM.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Port Wells, Cordova Ski Ar, Port Fidalgo, Glacier Island, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Pakihiroa, Puketiti, Te Kaha, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Techi, Renai, Shoufeng, Datong, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Pan de Azucar, Copiapo, Ipano de Chal, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like XiuLin Townshi, LiXib, ETLH, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Liyutan, Wufeng Townshi, Suo, etc.

WEL 20 23:02:35.4±0.8, 37° 51' 31.79"E, h12km, M3.3/28, ML3.5/29, MLv3.3/28, Error ellipse: s-maj=7.6km s-min=4.5km az=93.8, confirmed

20d 23h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 20d 23h range.

2018 OCT

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2018 OCT range.

1278

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 1278 range.

NOU 20 23:24:03.0, 30:52S:178:13W, h458km, mb4.5/35, Kermadec Islands, New Zealand
NEIC 20 23:24:06.7, 1.6, 30:45S:0:09:179:6W:0:1, h375km, 6km, mb4.4/27, Error ellipse: s-maj=18.6km s-min=12.4km az=111.0
IDC 20 23:24:07.8, 1.0, 30:16S:179:82W, h388km, 9km, mb3.7/14, mbmp4.5/16, Error ellipse: s-maj=13.0km s-min=11.1km az=110.0
ISC 20 23:24:07.0, 0.4, 30:45S:0:05:179:44W:0:7, h400km, n276, c28/09/272, mb4.3/30, 5C-7D, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual for various stations.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details. Includes stations like DAVA, FORD, TORD, etc.

1281 2018 OCT 21d 1h

Table with multiple columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like ELAR Eielson Array, J25K Salcha River, and many others. Includes a large block of text for asteroid observations (e.g., 2018 DC 21) and a table for comet observations (e.g., NEIC 21 01:40:38.29). Includes a table for meteor observations (e.g., RER Riviere de l'E) and a table for satellite observations (e.g., BOA Borovoye Array).

21d 1h

2018 OCT

1284

Table with columns for station code, name, frequency, and various signal quality metrics (P, S, eS, SS, etc.). Includes stations like CHGR, TOOL, GAR, LKRN, CSS, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like GOMU, EKS2, KK31, KKAR, KKAR, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like SHAI, VLI, KVAR, KIV, KIV, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PAIG Paliouri, THAS Thassos island, OUR Ouranopolis, etc.

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

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TIY comp=Z,1um,19.9s, SORM Soroca, PRAR RASCA, etc.

21d 1h

2018 OCT

1286

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KIEV, AKASG, AKBB, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TEOL, CONA, JAVC, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ZVC, KHC, KHC, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PAB San Pablo, GUMU Guam, KSAR Wonju Array B, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like FINES FINES Array B, PGAV Gaviera, CJC Chichijima, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like TBI Tubuai, SUNC Greenland Lakes, NEEM North Greenland, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WRGLY, MCWV, N31M, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like L44A, FFC, I42A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AROD, AC05, AC05, etc.

SJA 21 01:47:33.3, 1.8, 30.625; 71.94W, h10km, ML3.6, MW3.3
GUC 21 01:47:38.0, 0.7, 30.705; 71.66W, h28km, 1km, ML3.7
ISC 21 01:47:37.1, 1.1, 30.885; 0.02-71.77W, 0.05, h31km, 7km, n65, <2/09/98, 2C-6D, Near coast of central Chile

UPA 21 01:59:50.3, 0.8, 13.29N; 81.11W, h41km, 162km, MW4.7, ID, Caribbean Sea

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ZANG, UPA, BRU2, etc.

21d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like ANDR Anadyr, ANDR 110nm.0.6s, ANDR 1um.0.8s, etc.

Code Station Name Az Phase ID Time Res h m s ISC. Includes stations like ANSA NEUMAYER-STAT, ANSA NEUMAYER OLYMP, ANSA SANAE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like ANSA PASO FLORES, ANSA SOUTH POLE QUI, ANSA QSPA, etc.

Code Station Name Az Phase ID Time Res h m s ISC. Includes stations like ANSA SOUTH POLE QUI, ANSA QSPA, ANSA BO04, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like ANSA SOUTH POLE QUI, ANSA QSPA, ANSA BO04, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like CMAR CHIANG MAI ARR, BBOO BUCKLEBOO, KSRS KOREA ARRAY, etc.

Code Station Name Az Phase ID Time Res h m s ISC. Includes stations like JIHU ITAKHORINOUCHE, JIHU SAMMUMATAU, JSMT JSMT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like ANSA ASHIKAWA, H1N2 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, etc.

Code Station Name Az Phase ID Time Res h m s ISC. Includes stations like H30N2 JUAN FERNANDEZ, H30N3 JUAN FERNANDEZ, H30N1 JUAN FERNANDEZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like JOI OKI, JSZ SUZU, JHS SAIJO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like JMK ICHINOSEKI, JTM TENNABAYASHI, JSJ SHIMOKOSHISHI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like WRA WARRAMUNGA ARR, WR0 WARRAMUNGA ARR, ARCES ARCES ARRAY B, ASAR ALICE SPRINGS, etc.

Code Station Name Az Phase ID Time Res h m s ISC. Includes stations like MSVF NONSAVU, MSVF NONSAVU, MSVF NONSAVU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like AS31 ALICE SPRINGS, ASAR ALICE SPRINGS, MJAR MATSUHIRO ARR, etc.

1290

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s ISC. Includes stations like JMK ICHINOSEKI, JTM TENNABAYASHI, JSJ SHIMOKOSHISHI, etc.

IDC 21 04:10:48.8:3.9, 29.53S:70.57W, h2km, 35km, mb3.4/4, mbmp3.6/7, Error ellipse: s-maj=69.0km s-min=22.7km az=97.0

ISC 21 04:10:48.2:0.7, 29.55S:0.02:70.70W:0.05, h89km, 5km, n46, e126/71, mb3.7/4, 1C-1D, Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Las Campanas, La Serena, Tololo Observa, etc.

Table with columns: LAR/LAR, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Shiraz, Genoa, Dashedi - Bushe, etc.

IDC 21 04:28:56.3:0.5, 1.24S:120.70E, h0km, mb4.3/17, mbmp4.3/18, ML4.2/1, MS3.3/12, Error ellipse: s-maj=26.6km s-min=12.1km az=73.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ampana, Tana Toraja, Luwuk, etc.

Table with columns: CMAR, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Enshi, BBOO, JNU, etc.

NNC 21 04:37:01.0:9.3, 37.31N:70.82E, h145km, 129km, mb4.0, mpv4.9, Error ellipse: s-maj=81.1km s-min=54.6km az=11.0

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

21d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, NRN Naryn, and many others.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARTI ARTI, GNI Garni, and many others.

1292

Table with columns for station name, frequency, power, and other technical details. Includes stations like INK Inuvik, ILAR Eielson Array, and many others.

Table with columns for station ID, name, frequency, and other parameters. Includes stations like KAPS, KAPAS, KURB, etc.

Table with columns for station ID, name, frequency, and other parameters. Includes stations like MRKS, MRKS, KURBB, etc.

Table with columns for station ID, name, frequency, and other parameters. Includes stations like D27M, E27K, E27K, etc.

AEIC 21 05:51:18.4±1.1, 69°04'N, 0°04:146:37W, 0:10, h18km, 7km, ML3.1, ML3.2/128(NEIC), Error ellipse: s-maj=5.5km s-min=4.9km az=170.0

NEIC 21 05:51:19.7±1.3, 69°08'N, 0°03:146:4W, 0:1, h10km, 2km, Error ellipse: s-maj=7.1km s-min=3.7km az=308.0

ISC 21 05:51:19.5±0.7, 69.05°N, 0°03:146:37W, 0:03, h10km, n209, e192/215, Northern Alaska

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like D25K, D25K, D25K, etc.

21d 7h

Table of station data for the 21-day period, including station names, coordinates, and status. Includes stations like Barrier River, Melozitna River, and Kuna River.

2018 OCT

Table of station data for October 2018, including station names, coordinates, and status. Includes stations like Skwentna, Minto, and Warramunga Arr.

1294

Table of station data for the 1294-day period, including station names, coordinates, and status. Includes stations like Warramunga Arr, Asar, and MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like SLOZ, PANCS, UEES, UNIC, LOMA, etc.

NNC 21 07:36:46.9,0.4,49.99N:78.70E,h0km,mb3.6,mpv3.3, 15C-9D, Error ellipse: s-maj=4.6km s-min=2.0km az=66.0, Suspected Mining explosion., Eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Kazakhstan stations like KUR07, KUR06, etc.

IDC 21 07:54:41.8:57.0,14.54S:165.10E,h0km,mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=957.4km s-min=106.1km az=65.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Vanuatu Islands stations like STKA, WRA, ASAR, etc.

0.5nm,0.7s

IDC 21 08:16:23.1±1.0,1.76N:126.11E,h0km,mb4.0/7, mbtmp4.0/8,ML3.5/1,MS3.0/2, Error ellipse: s-maj=92.3km s-min=16.2km az=69.0, DJA 21 08:16:28.5:2.1,2.1N:9.7:12.6E±,h55km,94km,M3.5/4, MLV3.5/4, NEIC 21 08:31.0:0.3,1.7N:0.1:126.46E:0.09,h38km,17km, mb4.0/9, Error ellipse: s-maj=22.1km s-min=10.3km az=205.0

ISC 21 08:16:29.6:0.8,1.8N:0.1:126.5E:0.1,h47km,n25, c098/22,mb4.0/12,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for stations like TINTI, GTOI, DAV, etc.

SOME 21 08:41:58.4,41.83N:82.42E,h10km,MS4.1, MOS 21 08:42:00.6:1.2,41.81N:82.41E,h14km,mb4.6/18, Error ellipse: s-maj=6.1km s-min=4.5km az=38.3, IDC 21 08:42:00.3:0.6,41.88N:82.29E,h0km,mb4.1/18, mbtmp4.1/25,ML3.9/7,MS3.3/11, Error ellipse: s-maj=12.9km s-min=9.8km az=50.0, NEIC 21 08:42:02.0:1.2,41.83N:0.07:82.42E:0.09,h10km,1km, mb4.5/49, Error ellipse: s-maj=12.4km s-min=10.5km az=14.0, BUJ 21 08:42:03.1,41.86N:82.29E,h19km,mb4.4/18,mb4.8/8, ML4.5/12,MS4.1/19,MS7.3/9/18, NNC 21 08:42:03.8:0.8,41.97N:82.15E,h0km,mb5.1,mpv4.9, Error ellipse: s-maj=6.6km s-min=4.5km az=158.0, ISC 21 08:42:02.4:0.4,41.88N:0.04:82.42E:0.03,h13km,n26s, c1983/282,mb4.4/58,MS3.6/14,30C-13D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for stations like WUS, SHLS, SHLS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for stations like KAPS, KAPS, MDOK, etc.

21d 8h

Table with columns for station name, frequency, power, and status. Includes stations like ARLS, BTLS, MRKS, ARSB, etc.

2018 OCT

Table with columns for station name, frequency, power, and status. Includes stations like ARTI, HHC, HHC, HHC, etc.

1296

Table with columns for station name, frequency, power, and status. Includes stations like LIT, MORC, HFS, UPC, etc.

AEIC 21 08:42:41.6:1.3,54:0N:0.1x165:43W:0.09,h71km,5km, Error ellipse: s-maj=17,1km s-min=2.2km az=154.0 NEIC 21 08:42:41.5:0.6,53:31N:0.09:165:33W:0.09,h70km,5km, s-ML3.4/10,ML3.4(AEIC), Error ellipse: s-maj=13.6km s-min=4.7km az=153.0, Fox Islands

Table with columns for station code, name, coordinates, and other parameters. Includes stations like PSA00, MAJ0, and others.

Table with columns for station code, name, coordinates, and other parameters. Includes stations like BOOM, KURK, and others.

Table with columns for Code, Station Name, Azimuth, Phase I, Time, Res, and other parameters. Includes stations like E0S4, E0S3, and others.

Table with columns for station code, name, coordinates, and other parameters. Includes stations like EGFH, ENT, and others.

21d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include WNT, CHNS, TWGBT, TWG, STYH, WCKO, WDLH, TPUB, CHN4, WTP, WTK, SLGT, ECL, SGST, CHN1, TWK, SNST, LAY, LYUB, TSMG, MASBT, EAST, TAWH, SLIU, SCZT, etc.

ICC 21 12:36:22.8±1.0,34°01'N;74°50'E,h0km,mb3.87, mbtmp3.7/11,ML3.2/4,Error ellipse: s-maj=32.9km s-min=18.5km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JMU, THN, DHRM, BHK, SMLA, HNLV, KUDL, AAK, KK31, MKAR, KURBB, AB31, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BVAO, BVAR, AKTO, ZALV, FINES, ARCES, TORD, WRA, ASAR, etc.

ICC 21 12:47:18.6±7.5,34°81'N;22°87'E,h0km,mb4.0/6, mbtmp3.9/7,ML1.9/1,MS3.4/2,Error ellipse: s-maj=140.0km s-min=6.0km az=25.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KANDR, KANDR, KANDR, KANDR, RODP, RODP, IMMV, IMMV, IMMV, IMMV, CHAN, CHAN, CHAN, ANKY, ANKY, ANKY, ANKY, PRNS, PRNS, IDI, IDI, IDI, IDI, VLI, VLI, VLI, MHL0, ITM, BRTR, HFS, FINES, TORD, ARCES, KURBB, MKAR, ZALV, TKL, SKO, Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TIR, TIR, TIR, VLO, OHR, OHR, OHR, LSK, LSK, SRN, SRN, PUK, PUK, PUK, ULC, FNA, FNA, FNA, FNA, etc.

1302

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include FNA, SCTE, IGT, IGT, IGT, BCI, BCI, AEIC, NEIC, ISC, D25K, D25K, D25K, D24K, D24K, D24K, E24K, E24K, E24K, E24K, E25K, E25K, E25K, E23K, E23K, E23K, F24K, F24K, F24K, F24K, F25K, D23K, D23K, D23K, C26K, C26K, C26K, F26K, F26K, C27K, C27K, C27K, C27K, BMAR, C23K, C23K, C23K, E22K, E22K, E22K, COLD, COLD, G25K, G25K, D22K, D22K, G24K, G24K, G24K, E27K, G26K, F22K, F22K, G23K, FYU, FYU, D27M, D27M, D27M, G22K, G22K, E21K, E21K, E21K, H25L, H25L, B22K, B22K, C21K, C21K, F21K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and other parameters. Includes stations like F21K, B21K, E28M, G27K, H24K, F28M, H23K, D28M, G21K, PRP, H27K, E20K, D20K, E29M, E29M, A22K, POKR, F20K, F20K, H21K, H21K, B20K, B20K, I26K, I26K, I27K, I27K, G29M, G29M, ILAR, ILAR, E19K, D19K, D19K, CCB, CCB, J25K, J25K, A21K, NEA2, H29M, H29M, WRH, WRH, HDA, HDA, HDA, HDA, I28M, I28M, I28M, F19K, F19K, F19K, F19K, F30M, F30M, J26L, J26L, C19K, C19K, G30M, G30M.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and other parameters. Includes stations like G30M, G19K, EGAK, EGAK, EGAK, H19K, I29M, SCRK, SCRK, SCRK, SCRK, SCRK, MCK, MCK, INK, INK, INK, C18K, A19K, K27K, E18K, E18K, E18K, F18K, F31M, F31M, G18K, G18K, G18K, G31M, G31M, PAX, PAX, L27K, L27K, K29M, K29M, A36M, A36M, C36M, C36M, RES, PDAR, NVAR, TXAR, SJA 21, IDC 21, NEIC 21, GUC 21, Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and other parameters. Includes stations like MT16, MT03, MT03, MT03, MT03, MT15, MT15, MT15, BO01, BO01, BO01, BO01, BO04, MT04, MT04, MT04, LMEL, LMEL, LMEL, LMEL, MT08, MT08, MT08, GO05, GO05, GO05, BO02, CO02, CO02, CO02, CO06, CO03, CO03, CO03, CO03, RTLS, RTLS, RTLS, GO04, GO04, RTCV, DOCA, DOCA, DOCA, EDS3, CO01, CO01, CO01, CO01, RTLL, RTLL, RTLL, B102, B105, B105, LCO, LCO, LCO, AC05, AC05, AC05, AC04, AC04, AC04, H03N1, H03N1, H03N1, H03N2, H03N2, H03S1, H03S1, H03S2, H03S2, GO06, PLCA, PLCA, PLCA, PLCA, LVC, LVC, LVC, CPUP, CPUP, CPUP, LPAZ, LPAZ, LPAZ, SIV, SIV, SIV, PTLB, PTLB, ETMB, ETMB, SAML, SAML, SAML, BDFB, BDFB, BDFB, VNA3, VNA2, SNA4, SNA4, SNA4, TROLL, TROLL, TROLL, QSPA, QSPA, QSPA, TXAR, TXAR, TXAR, TXAR.

21d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, P, S, ISC, Time, Res, h, m, s, ISC. Includes stations like MAW Mawson, DBIC Dimbokro, BOSA Boshof, etc.

NEIC 21 13:20:09.2-1.6, 18.5S:0.1x178.0W:0.1, h443km, 7km, mb4.3/20, Error ellipse: s-maj=22.9km s-min=16.4km az=138.0

IDC 21 13:20:12.6-1.9, 18.45S:178.17W, h474km, 19km, mb3.3/11, mbtmp4.1/12, Error ellipse: s-maj=22.5km s-min=16.2km az=126.0

ISC 21 13:20:14.0-0.6, 18.3S:0.1x178.4W:0.1, h500km, n22, r158/54, mb4.2/23, 5C-2D, Fiji Islands region

Large table of station data for the 21d 14h period, including stations like MSVF Nonsavu, AFI URZ, MRZ Mangatainoka, etc.

2018 OCT

TIR 21 13:46:58.9, 40.51N:20.70E, h66km, 2km, Md2.6, MI2.3
ATH 21 13:46:59.4, 40.52N:20.74E, h27km, 1km, ML2.0/4, Error ellipse: s-maj=3.9km s-min=1.5km az=123.0

ISC 21 13:46:58.9-0.9, 40.52N:0.03-20.71E:0.03, h14km, 7km, n14, c091/26, Greece-Albania border region

Table of station data for the 2018 OCT period, including stations like KBN Korca, NEST Nestorio, LSK Leskovik, etc.

NEIC 21 13:47:03.8-0.5, 35.23N:0.02-97.70W:0.02, h5km, 1km, ML1.8/21, Error ellipse: s-maj=3.1km s-min=2.2km az=327.0, Oklahoma

Table of station data for the NEIC event, including stations like FNO Franklin, OK029 Liberty Lake, etc.

NEIC 21 14:11:33.1±0.8, 19.4S:0.1x176.1W:0.1, h238km, 7km, mb4.1/13, Error ellipse: s-maj=17.9km s-min=14.3km az=143.0

IDC 21 14:11:35.5±4.9, 19.30S:176.41W, h256km, 43km, mb3.6/3, mbtmp4.2/4, Error ellipse: s-maj=37.1km s-min=18.8km az=81.0

ISC 21 14:11:33.7-0.7, 19.28S:0.10-176.1W:0.1, h250km, n22, c091/24, mb4.0/10, Fiji Islands region

Large table of station data for the ISC event, including stations like FUTU Fugatoga, NIUE Niue, URZ Urewera, etc.

1304

MDD 21 14:24:13.7-0.5, 35.51N:9.73W, h40km, mb_Lg3.4/33, Error ellipse: s-maj=4.5km s-min=3.0km az=77.0

INMG 21 14:24:15.8-1.3, 35.55N:9.61W, h31km, 10km, ML2.7, Error ellipse: s-maj=6.9km s-min=3.5km az=59.0

IGL 21 14:24:15.1, 35.55N:9.61W, h25km, ML2.8
SFS 21 14:24:16.3, 35.59N:9.25W, h67km, ML3.5/19, ML3.4/17, MLV3.4/19

ISC 21 14:24:13.3-1.4, 35.57N:0.04-9.55W:0.06, h35km, n91, c1962/152, 7C, West of Gibraltar

Large table of station data for the 1304 event, including stations like PFVI Vila Bisbo, PTEO Sao Teotónio, PBDV Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELGU, Los Guajares, Tiouine, Manteigas, etc.

AFAD 21 14:30:09.5, 0, 0, 41.24N, 42.52E, h7km, 4km, ML2.6
ISK 21 14:30:09.3, 41.29N, 42.52E, h5km, ML2.8/9
ISK 21 14:30:09.4, 1, 0, 41.27N, 0.03, 42.52E, 0.03, h17km, 9km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EPOS, Posof, DAGI, Agillar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BCA, Borcka, BATM, Batumi, etc.

MDD 21 14:30:15.4, 0, 0, 32.44N, 6.17W, h0km, Mb4, 0.6,
M_mb3, 4/6, Error ellipse: s-maj=7.0km s-min=4.3km
az=105.0

CNRM 21 14:30:15.4, 32.32N, 6.22W, h7km, ML3.0
SFS 21 14:30:16.9, 32.46N, 6.16W, h9km, mb3.7, 7.5, ML3.6/7,

IGIL 21 14:30:16.9, 32.44N, 6.17W, h0km, ML2.5
INMG 21 14:30:18.0, 1, 6, 32.56N, 6.09W, h5km, ML2.5, Error
ellipse: s-maj=8.5km s-min=8.4km az=117.0

ISC 21 14:30:15.1, 0, 8, 32.42N, 0.02, 6.19W, 0.03, h10km, n58,
c196/82, 6C, Morocco

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AVE, Averroes, IFR, Ifrane, etc.

NEIC 21 14:35:50.5, 1.2, 21.9S, 0.2x178.8W, 0.2, h581km, 5km,
mb3.0, Error ellipse: s-maj=22.2km s-min=21.6km

NOU 21 14:35:52.1, 22.05S, 178.96W, h596km, mb4.6/57, South
of Fiji Islands

ICC 21 14:35:54.7, 1, 0, 22.17S, 179.53W, h570km, 9km, mb3.5/18,
mbmp4.4/19, Error ellipse: s-maj=13.7km s-min=11.6km
az=116.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUWZ, Tuamarina, CMWZ, Cape Campbell, etc.

21d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PDAR Pinedale Array, MKAR Makanchi Array, BVAR Borovoye Array, etc.

ICD 21 14:39:57.5-2.1, 23.97Sx179.93E, h508km, 21km, mb3.0/5, mbmp4.0/6, Error ellipse: s-maj=30.3km s-min=22.2km

NEIC 21 14:39:58.9-1.8, 24.08S, 0.10-180.0W, 0.1, h530km, 12km, mb4.2/13, Error ellipse: s-maj=19.8km s-min=10.3km

ISC 21 14:39:58.8-0.8, 24.145S, 0.08-179.9E, 0.2, h526km, n27, s=16128, mb3.9/10, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, MSVF Nonsauv, URZ Urewera, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AKASG Malin Array, BRTR Keskin Array, MMAI Mount Meron, etc.

1306

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include TW1H Toowoomba 1 Ha, QLP Quidville, EIDS Eidsvold, etc.

1307

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Juan Fernandez, Lobatse, Hachijo jima 2, etc.

AEIC 21 15:08:50.0±1.5, 52.82N, 173.2W±0.2, h244km, 8km, Error ellipse: s-maj=39.3km s-min=8.5km az=102.0

NEIC 21 15:08:49.9±1.7, 52.82N, 173.2W±0.1, h240km, 8km, mb3.9/8, ML3.1 (AEIC), Error ellipse: s-maj=16.6km s-min=8.8km az=162.0, Andronof Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Korovin Southe, Atka Island, Great Sitkin T, etc.

IDC 21 15:11:11.6±0.9, 41.83N, 82.15E, h0km, mb3.8/8, mbmp3.7/13, ML2.9/5, MS3.2/3, Error ellipse: s-maj=18.7km s-min=13.2km az=77.0

SOME 21 15:11:12.2, 41.77N, 82.33E, h2km, Error ellipse: s-maj=11.3±1.4, 41.68N, 0.09-82.5E±0.1, h10km, 1km, mb4.7/14, Error ellipse: s-maj=16.7km s-min=12.9km az=139.0

NNC 21 15:11:14.4±1.7, 41.82N, 82.22E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=12.8km s-min=8.5km az=161.0

ISC 21 15:11:13.5±0.6, 41.80N, 0.05-82.29E, 0.03, h13km, n74, s=233/96, mb4.3/15, 6C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Wushi, Shalkode, Podgornoye, etc.

2018 OCT

Table with columns: DJR, Jarkent, 3.12 325 eP Pb, 15 12 10.9 +2.1, etc. Includes stations like Jarkent, Kokpe, KPKS, etc.

Table with columns: DJR, Jarkent, 3.12 325 eP Pb, 15 12 10.9 +2.1, etc. Includes stations like Jarkent, Kokpe, KPKS, etc.

21d 15h

Table with columns: ARCES, ARCES Array B, 40.03 333 P P, 15 18 47.2 -0.5, etc. Includes stations like ARCES, JOW, JKA, etc.

KRSC 21 15:22:42.2±1.5, 51.72N, 158.10E, h120km, 15km, ML1.1, Error ellipse: s-maj=15.0km s-min=4.5km az=75.5

NEIC 21 15:22:44.2±1.4, 51.9N, 0.1-157.5E±0.2, h116km, 8km, mb4.3/9, Error ellipse: s-maj=18.8km s-min=14.5km

IDC 21 15:22:45.3±1.0, 52.02N, 157.45E, h130km, 7km, mb3.3/12, mbmp3.9/17, MS3.7/2, Error ellipse: s-maj=19.5km s-min=12.1km az=153.0

ISC 21 15:22:43.0±0.6, 51.83N, 0.04-157.81E±0.05, h119km, 5km, n112, s=183/147, mb3.7/13, 1D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Khodutka, Kamc, Asacha, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ESO, KMN, BZP, BZMR, BZGR, KLY, KLU, SMKR, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PACI, OTAV, CUICO, TUMAC, BONI, PIAT, GCUF, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WUS, SHLS, PDG, UZB, PRZ, SATY, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JHCJ, HJ2, JMK, BSO1, BSO2, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WBO, AS31, ASAR, WRAB, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KST, TDK, MTB, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MAKZ Makanchi, KARBS Karabastau, AAK Ala-Archa, etc.

NEIC 21 16:25:52.2±1.1, 37.14N; 0.07:72.0E; 0.1, h245km, 5km, mb4.1/9, Error ellipse: s-maj=11.7km s-min=10.2km gsz=103.0

ISC 21 16:25:52.1±0.8, 37.16N; 0.08:72.04E; 0.09, h250km, n28, s1507/29, mb4.1/5, C, Tajikistan

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like GAR Garm, DRK Karamyk, CHGR Chuyangaron, etc.

IDC 21 16:35:09.3±0.4, 11.43N; 60.03W, h0km, mb4.9/34, s-maj=14.9/38, ML3.0/2, MS4.3/37, Error ellipse: s-maj=11.5km s-min=10.3km az=122.0

MOS 21 16:35:09.5±0.9, 11.42N; 60.10W, h14km, mb5.3/39, Error ellipse: s-maj=9.1km s-min=5.2km az=55.0

NEIC 21 16:35:11.7±1.8, 11.31N; 0.06:59.86W; 0.04, h22km, 4km, mb5.3/18, Mw5.1/22, Error ellipse: s-maj=8.2km s-min=5.1km az=189.0

NEIC 21 16:35:11.5, 11.41N; 59.85W, h22km, Moment Tensor Solution. Duration: 199 Moment tensor: Scale 10^16Nm; Mn=2.46; Mw=2.17; Mw4.64; Mn=0.03; Mw4.70; Mw2.95;

Fault plane solution: Ms6.54000x10^16 NP1: p=167.42000, s=79.92000, n=147.34000 NP2: p=171.01000, s=87.91000, n=11.92000 Principal axes: T 7.7160, P1g15.0000, Azm295.0000; N -2.3516, P1g56.0000, Azm183.0000; P -5.3644, P1g30.0000, Azm34.0000;

NEIC 21 16:35:11.5, 11.31N; 59.85W, h22km GGMT 21 16:35:16.7±0.2, 11.46N; 0.01:59.78W; 0.01, h15km, Mw5.2/126, Moment Tensor Solution. s70, c69; s126, c194; Duration: 0 Moment tensor: Scale 10^16Nm;

Mn=2.06±1.4; Mw=2.74±1.2; Mw4.80±1.5; Mw3.81±1.6; Mw4.42±1.1; Mw2.25±.40; Best double couple; Mw7.44900x10^16 NP1: p=166.00000, s=68.00000, n=1.2500000. Principal axes: T 6.8670, P1g4.0000; Azm293.0000; N 1.1650, P1g5.0000, Azm199.0000; P -8.0320, P1g36.0000, Azm26.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 16:35:12.2±0.5, 11.38N; 0.03:59.99W; 0.03, h24km, 3km, h250km, n28, s1507/29, mb4.1/5, C, Tajikistan

Main table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like TBH Brigand Hill, TRN Trinidad (W), PSMG Mucurapo Girls, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like CHSH Refugio Sur-Vo, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, etc.

Table with columns: TUE, STU, DAVA, WRGLY, WRLY, LIRD, ZCCA, FETA, META, ROTA, SOTA, GRNB, TEOL, CTI, WATA, WTTA, U35K, CESH, WTLY, TGNT, T35M, T35M, ABTA, DLBC, DLBC, LESA, V35K, C36M, KBA, S34M, S34M, PRED, CLL, CLL, CLL, MYKA, R33M, CADS, CADS, BIOA, KHC, KHC, KHC, GEC2, GERES, GERES, PAOL, NB2, NB2, NOA, MOA, BRG, BRG, BRG, CRAG, LJU, LJU, ZVC, CKRC, CKRC, OBKA, Q32M, Q32M, U33K, PRU, PVCC, PVCC, SOKA, BOJS, P33M, A36M, A36M, ARSA, CUC, N32M, CEL, CEL, TREC, TREC, TREC, HFS, CONA, S32K

Table with columns: FARO, R32K, UPC, UP, CHVC, CHVC, OSTC, OSTC, SIT, KRUC, DPC, DPC, DPC, KSP, KSP, NOR, NOR, TIP, VRAC, VRAC, VRAC, M31M, M31M, WHY, SKAG, KRCL, KRCL, KRCL, R31K, MODS, MODS, MODS, S31K, SMOL, SMOL, MPLH, H31M, H31M, N31M, F31M, F31M, MORC, MORC, MORC, MORC, P31M, O30N, O30N, O30N, JAVC, INK, INK, INK, G31M, G31M, G31M, MAUC, MAUC, P30M, SRO, SRO, SRO, N30M, N30M, N30M, J30M, J30M, J30M, MORH, MORH, I30M, I30M, I30M, P29M, P29M, F30M, VYHS, VYHS, VYHS, G30M, EPYK, EPYK, K29M, K29M, YUK6, PDG, PDG, PDG, L29M, L29M, L29M, LANS, LANS, LANS, M29M, M29M, J29M, OJC, OJC, OJC, I29M, I29M, PNL, G29M

Table with columns: G29M, H29M, H29M, TIR, TIR, TIR, E29M, E29M, NIE, NIE, YUK8, DAWY, DAWY, PINM, PINM, O28M, O28M, D28M, D28M, KBS, YUK3, I28M, I28M, E28M, E28M, F28M, F28M, OHR, BVCY, CTG, PMSA, EGAK, EGAK, BZS, BZS, SIRR, SPTTS, MDVR, BCAR, D27M, D27M, D27M, M27K, M27K, L27K, L27K, H27K, BOVS, I27K, G27K, K27K, K27K, E27K, KOLS, KOLS, KOLS, SURR, UZHM, HOLU, HERR, KWP, KWP, BERU, MUKU, M26K, MCARA, CRQE, DRGR, DRGR, SUW, BGLC, I26K, L26K, L26K, GZR, GZR, BRU, DEV, DEV, VAY, KORU, KORU, LIT, J26L, MARR, G26K, C27K, C27K, SCRK, SCRK, PEHC, MEZ, PABE, PABE, PABE, CJR, CJR, KAIM, BMAR, MORS, N25K, N25K, N25K, BMRM, LVV, RIDG, LOT, C26K, RAKU, FYU

21d 16h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like HARP, J25K, ARCESS Array B, etc.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like PLOA, PLOB, PLOCS, etc.

1312

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SPCR, TPCR, TPCR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OBN, R16K, I17K, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like THN, DHRM, AAK, etc.

NNC 21 16:36:07.1±3.5, 37.13N; 171.13E, h154km±46km, mb2.9, mpv3.6, Error ellipse: s-maj=30.4km s-min=17.1km az=15.0

ISC 21 16:36:08.3±1.7, 37.22N; 171.28E, h200km±53km, mb3.4/4, mbtmp3.8/9, Error ellipse: s-maj=79.6km s-min=39.8km az=171.0

21d 17h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like USSURIYSK AR, STKA STEPHENS CREEK, EIDS EIDSVOLD, etc.

UCR 21 16:38:59.5.1.1.5:37N-84.42W, h20km, MW4.9, MB4.6(NEIC)
UPA 21 16:39:07.7.2.3.6:01N-83.94W, h0km, MW4.9
IDC 21 17:38:53.2.1.9.18:59S-177:83W, h524km, mb3.3/9, mbtmp4.2/10, Error ellipse: s-maj=20.2km s-min=16.3km

2018 OCT

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BRU2 Volcan, BCO2 Palмира, POTRERO GRANDE, etc.

1314

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NV11 Mina Array Sit, OMMB Old Mammoth Mt, NVAR Mina Array Bea, etc.

IDC 21 17:06:28.0.2.1.5:49S-151:39E, h0km, mb3.4/3, mbtmp3.5/4, ML1.8/1, MS2.1/1, Error ellipse: s-maj=127.1km s-min=28.0km az=126.0, New Britain region

IDC 21 17:12:02.9.2.3.12:85S-45:37E, h0km, mb3.9/3, mbtmp3.9/3, ML5.1/1, Error ellipse: s-maj=64.7km s-min=36.8km az=154.0, Northwest of Madagascar

NEIC 21 17:38:52.9.1.7.18:7S:0.1x177:8W:0.1, h524km, 11km, mb4.2/20, Error ellipse: s-maj=23.7km s-min=13.2km az=146.0

IDC 21 17:38:53.2.1.9.18:59S-177:83W, h524km, mb3.3/9, mbtmp4.2/10, Error ellipse: s-maj=20.2km s-min=16.3km az=106.0

ISC 21 17:38:55.9.0.7.18:6S:0.1x178:0W:0.1, h557km, n43, r135/45, mb4.1/24, 2C, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Kafar-mosalmán, Doab, Badra, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Badra, Kafar-mosalmán, Gilan-e-Gharb, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Stephens Creek, Alice Springs, Mawson, etc.

TAP 21 20:06:14.2, 24:35N, 122:38E, h75km, ML4.0, C
ASIES 21 20:06:14.2, 24:35N, 122:38E, h75km, ML4.0, Mw3.6
Moment Tensor Solution: Moment tensor: Scale 10^21 Nm;
M=2.55; M=1.02; M=1.53; M=1.02; M=1.02; M=1.18;
M=1.30; Fault plane solution: Ms3.01017x10^21 NP1:
p=218.54000°, s=61.66000°, r=89.68000°. NP2: p=39.22000°,
s=28.34000°, r=90.59000°. Principal axes: T Plg73.3360°,
Azml127.7650°; N Plg0.2800°, Azml218.7010°; P
Plg16.6610°, Azml308.7850°.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like E03S, E03, E02, E04, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Chiawan, Shuangxi, Nioudou, Datong, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Changbin, Taichung City, Yu-li, etc.

Table with columns: CHY, WCTC, TWCT, TWK, etc. containing station names, coordinates, and other technical details.

Table with columns: RLO, Rose Lookout, 2.38 66 Pn, Pn, 20 07 35.1 -0.2. Contains technical data for Rose Lookout station.

Table with columns: CHL2, Volc'n Chiles, 3.46 39 P, Pn, 21 09 49.0+2.5. Contains technical data for Volc'n Chiles station.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SC. Contains station data for Oklahoma.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SC. Contains station data for Oklahoma (continued).

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SC. Contains station data for Oklahoma (continued).

1319

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like FDFY, MDP, BDOQN, etc.

2018 OCT

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like WHAR, WHAR, PLTB, etc.

21d 21h

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like CBKS, K50A, K57A, etc.

21d 21h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PDAR, AGM, BCW, SPUT, BGU, DSP, AHID, HVU, SNOW, LOHW, EFI, TPWA, MOOV, FXWY, ELK, NV11, NVAR, NVAR, NVAR, LHM, LRV, LAO, LKWK, YMP, PMPB, RYN, KVN, YFT, ULM, ULM, YNE, YNR, YMR, WAKR, YERR, SAO, DGM, HLID, EMB, DLMT, PLID, HOPS, MSO, BMO, RKT, O02D, SCH, F10A, YBH, YBH, E08A, F07A, FFC, FFC, FFC, HAWA, NEW, NEW, D08A, TAOE, COR, LOR, B04A, B08A, LON, GNV, WISH, NLWA, B04A, PGC, LLLB, OZB.

2018 OCT

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CBB, BBTS, FRB, SMAI, BBB, BBB, YKA, YKA, PPT, PPT2, PPT2, DIB, TOAD, TBI, TBI, KOTAN, V53K, LIRD, T35M, T35M, CRAG, SFJD, DLBC, DLBC, DLBC, U33K, S34M, DY2G, DY2G, WTLY, WRGLY, WRGLY, R33M, TGTN, Q32M, S32K, R32K, P33M, P33M, P32M, MMPY, WHY, PLBC, FARO, FARO, DBIC, DBIC, DBIC, DBIC, O30N, P30M, M31M, P29M, ICESG, ICESG, N31M, HYT, PTEO, MORF, MORF, N30M, N30M, O29M, YUK6, PSBE, PSBE, MESJ, MESJ, MESJ, PBVD, PBVD, YKVE, YKVE, PMTG, PMTG, PCAS, PCAS, PVAO, EVO, PBEJ, PBEJ, PTO, PTO.

1320

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like O28M, YUK6, M29M, M29M, PESTR, PESTR, PESTR, L29M, L29M, PVIS, PVIS, H31M, PGAV, J30M, PMRV, PMRV, K29M, K29M, PCBR, MTE, MESA, POLO, PVRL, PVRL, YUK3, YUK3, CTG, CTG, I30M, I30M, G31M, G31M, G31M, J29N, F31M, F31M, MVO, MVO, BVCY, TGL, TGL, DAWY, CRQE, SUMG, SUMG, SUMG, SUMG, MDT, BORG, PBRG, PBRG, EPYK, M27K, I29M, INK, INK, INK, MCARA, MCARA, A36M, BCAR, L27K, L27K, F30M, GLB, H29M, H29M, M26K, M26K, BMRM, BELA, I28M, G29M, G29M, RAR, EGAK, EGAK, K27K, K27K, N25K, L26K, I27K, KLU, KLU, E29M, E29M, SCRD, SCRD, ESDC, ESDC.

1323

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AML, EKS2, TKM2, USP, KST, SGDS, MKRS, MTBS, KRBS, TNS, MDOK, CHKK, SATY, KPKS, IUG, etc.

SJA 21 22:28:20.6 ± 1.0, 29:88S x 72:17W, h20km, 4km, ML3.2, MW3.5

GUC 21 22:28:25.1 ± 0.7, 29:93S, 71:96W, h35km, 6km, ML3.3

ISC 21 22:28:21.6 ± 2.3, 29:87S, 0:03, 72:05W, 0.06, h3km, 14km, n37, r1548/67, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CO05, CO06, CO04, CO03, CO02, CO01, AC04, AROD, CO04, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CO04, ACCO, GO03, DOCA, RTLS, VA03, ROCH, ROCI, PEL, MT02, MT10, MT03, MT03, ASAL, ASAL, MT04, AACL, AACL, BO01, BO02, GO02, etc.

IDC 21 23:00:20.3 ± 4.0, 15:78S, 69:77W, h173km, 26km, mb3.5/2, mb1mp3.9/2, Error ellipse: s-maj=152.9km

s-min=47.4km az=24.0, Peru-Bolivia border region

LPAZ La Paz 1.66 108 P Op 23 00 53.5 -0.4

ULM Lac du Bonnet 69.64 342 P 23 11 10.8 0.0

TORD Tori Ar. Bea 76.29 72 P 23 11 50.4 -0.1

SONM Songo Array 147.88 5 PKPbc 23 19 44.7 -0.4

IDC 21 23:17:30.2 ± 3.0, 22:52S, 179:11W, h357km, 259km, mb3.1/2, mb1mp3.8/2, Error ellipse: s-maj=275.4km

s-min=114.4km az=144.0

NEIC 21 23:17:39.1 ± 1.8, 22:62S, 0:1, 178:9W, 0:1, h470km, 12km, mb4.4/24, Error ellipse: s-maj=24.1km s-min=7.7km az=214.0

ISC 21 23:17:39.9 ± 0.9, 22:75S, 0:1, 178:0W, 0:2, h485km, n38, r1509/37, mb4.3/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MSVF, RAO, TOZ, RTZ, MRZ, SWZ, TCW, BHW, PLWZ, QNZ, TNKZ, NNZ, TUWZ, BSWZ, MRNZ, THZ, KHZ, GVZ, LTZ, INZ, MLZ, WHZ, CT0A, ASAR, WR0, WB0, WRA, WRA, WRA, WRA, FIZ0, SOEI, TOL2, TOL2, etc.

21d 23h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GSPA, WUAZ, WUAF, HAFZ, AKAS, EKA, MMAI, etc.

IPEC 21 23:30:56.6 ± 0.3, 51:55N, 16:23E, h1km, ML2.1/4, Error ellipse: s-maj=2.1km s-min=1.0km az=37.0

VIE 21 23:30:57.6 ± 0.6, 51:50N, 16:17E, h0km, mb2.3/2, ml2.6/3, Error ellipse: s-maj=8.0km s-min=2.0km az=52.0, Suspected Mining induced.

PRU 21 23:30:59.1 ± 51.46N, 16:10E, h0km, ISC 21 23:30:55.8 ± 1.3, 51:58N, 0:06, 16:17E, 0:03, h0km, n25, r082/46, Poland

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KSP, CHVC, OSTC, UPC, DPC, PVCC, KRCL, BRG, BRG, PRU, HSKC, CLL, MORC, MORC, MORC, VRC, VRC, TREC, KRUC, KRUC, OJC, OJC, KHC, KHC, KHC, KHC, KHC, KHC, KHC, LANS, LANS, MODS, MODS, MODS, CONA, MOA, BIOA, etc.

DJA 21 23:42:19.4 ± 1.5, 5:N3, x12:7E, h19km, 13km, M4.5/9, mb4.6/7, mb5.4/2, ML4.4/9, MW(mB)4.8/2

IDC 21 23:42:21.6 ± 1.1, 5:52N, 126:21E, h130km, 6km, mb3.7/15, mb1mp4.0/16, Error ellipse: s-maj=41.6km s-min=10.6km az=72.0

NEIC 21 23:42:21.1 ± 1.1, 5:63N, 0:09, 126:6E, 0:1, h119km, 13km, mb4.2/10, Error ellipse: s-maj=21.2km s-min=11.9km az=70.0

ISC 21 23:42:18.6 ± 0.6, 5:61N, 0:07, 126:63E, 0:10, h100km, n38, r142/39, mb4.1/20, Mindanao

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like DAV, DAV, MRSI, TOL2, SANI, LUWI, MYLDM, NFAI, FAKI, KAPI, SBUM, MTN, KNRA, FITZ, FITZ, COEN, COEN, KULM, WB0, WRAB, WRA, WRA, WRA, WRA, ASAR, ASAR, SONM, MKAR, etc.

22d Oh

Table with columns: MKAR, ZALV, KURBB, RPZ, BVAR, NRIK, MMAI, ARCES, BRTR, FINES, HFS, TXAR, TORD. Each row contains station name, coordinates, and various data points.

IDC 21 23:46:56.3:1.8, 58:66S:149:37E, h0km, mb4.0/4, mbmp4.0/4, MS3.4/1, Error ellipse: s-maj=127.2km s-min=19.5km az=81.0

ISC 21 23:46:58.1:1.9, 58:85S:02:1487E:10, h10km, n23, o#63/16, mb4.0/7, 5C, West of Macquarie Island

Main table for 22d Oh section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like South Pole Qui, Cape Leeuwin, etc.

MOS 21 23:48:25.2:0.7, 42:21N:143:06E, h75km, mb4.5/5, Error ellipse: s-maj=10.9km s-min=8.2km az=99.4

SKHL 21 23:48:25.2:0.2, 42:20N:143:00E, h77km, 4km, mb5.0/5 IDC 21 23:48:26.9:2.1, 42:30N:143:10E, h71km, 14km, mb3.7/16, mbmp4.0/19, MS3.0/7, Error ellipse: s-maj=24.1km s-min=13.4km az=102.0

JMA 21 23:48:26.7:0.2, 42:32N:0:5:143:0E:0.5, h53km, 1km, MV3.9/40, HIDAKA MOUNTAINS REGION

JMA Feil Ji at HIDAKA MOUNTAINS REGION NEIC 21 23:48:26.5:1.1, 42:24N:0:05:143:1E:0.1, h66km, 5km, mb4.4/26, Error ellipse: s-maj=13.0km s-min=7.3km az=99.0

NIED 21 23:48:26.7, 42:32N:143:02E, h53km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15N/m

Mn:0.7; Mw:0.33; Mw:0.54; Mw:0.44; Mw:0.39; Fault plane solution: M1:0.6000x10^15 NP:1.0, 44.00000, 862.00000, 1.95.00000, NP2:1.0, 00000, 329.00000, 1.80.00000

ISC 21 23:48:26.1:0.6, 42:27N:0:04:143:06E:0.03, h63km, 5km, n111, s102/125, mb4.3/30, 7C-4D, Hokkaido region

Table for 22d Oh section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Tokachihiroo, Urakawa-nobuka, etc.

2018 OCT

Main table for 2018 OCT section with columns: YUK, YUZ, KUR, JMM, JSD, MJB, MAJ, MJAR, JGF, USRK, INU, KLR, KRS, KSR, JNU, YAK, ULN, SON, H1N, H1H, H1S, H1S2, ZALV, MKK, MKR, KURK, KURK, KURB, CMAR, ILAR, F25K, BCAR, I28M, BOOM, BOOM, BOOM, I30M, I30M, INK, INK, INK, H31M, H31M, ARSB, KKAR, KKAR, C36M, C36M, ARTI, ARTI, ARTI, ARTI, TXAR. Each row contains station name, coordinates, and various data points.

1324

Table for 1324 section with columns: ARTI, GAR, CHGR, SIMJ, ABKAR, ARCES, HRA, WBO, WRA, XMS, FIAI, FINES, FINES, FINES, FINES, MCCM, KBZ, EGMT, HFS, NB2, NOA, AKASG, AKASG, LCMT, BUR0, BBOO, BURAR, BRTR, EKA, MMAI, ESDC, SNA. Each row contains station name, coordinates, and various data points.

IDC 20:20:42.1:42.0, 34:78N-99:56E, h0km, mb3.4/2, mbmp3.5/4, ML3.6/2, MS3.2/4, Error ellipse: s-maj=587.1km s-min=72.6km az=160.0, Qinghai

Table for 1324 section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Songino Array, Malanchi Array, etc.

IDC 22:03:13.9:1.8, 51:47N:152:17E, h434km, 12km, mb3.1/17, mbmp3.9/21, Error ellipse: s-maj=36.4km s-min=13.7km az=172.0

ISC 22:03:14.7:1.4, 51:51N:02:1523E:0.1, h450km, n22, o#83/23, mb3.5/17, Northwest of Kuril Islands

Table for 1324 section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Petropavlovsk, Magadan, Seymchan, etc.

Table with columns: URZ, Urewera, 14.90 189 P, P, 01 23 53.8 -3.2, etc. Lists various stations and their coordinates.

Table with columns: Panama-Costa Rica border region, Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations along the border.

Table with columns: JTS, Las Juntas de, 2.66 307 P, Sn, 01 29 23.7 -0.2, etc. Lists stations in the JTS region.

IDC 22 01:28:42.1.0, 8.67N, 82.81W, h0km, mb4.2/13, mbmp4.4/20, ML4.177, MS4.040, Error ellipse: s-maj=22.5km s-min=11.4km az=51.0

RAMO San Ramon 2.16 310 eP Pn 01 29 17.8 +0.6 ZARE Zarco 2.17 313 eP Pn 01 29 17.4 +0.1

Bahia Malaga 7.14 130 P Pn 01 30 26.4 +0.9 Puerto Berrío 7.24 97 P Pn 01 30 28.0 +1.1

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRJC Barrancabermej, CMBC Cumbal, CRUC La Cruz, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GOGA Godfrey, ETMB Extrema, MACA Macapuru-AM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVAR Mina Array Bea, NVAR comp=Z,1.5nm,0.7s, etc.

22d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANI Sanana, APST Ampana, WRA Warramunga Arr, etc.

IDC 22 03:27:47.4,3.2,4.17S-152.68E,h0km,mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=134.9km s-min=43.6km az=124.0, New Britain region

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

RSPR 22 03:40:18.9, 18.77N, 64.22W, h44km, 23km, MD3.3/7, NEIC 22 03:40:18.5, 1.6, 18.8N, 0.1, 64.32W, 0.06, h35km, 2km, M/L2, S/24, MD3.3/(RSPR), Error ellipse: s-maj=21.6km s-min=6.5km az=20.0

ISC 22 03:40:16.2, 2.0, 18.3N, 0.2, 64.15W, 0.05, h35km, n36, s113/42, 10C, Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SABA Saba, HUMP Col San Antonio, GPCR Guaynabo City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CELP Cerrillos, OBIP Obispado Ponce, UUPR Utuado, UPR, P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AOPR Areocolo Observ, MBFL Flemmings, Mon, MBWH, etc.

IDC 22 04:07:37.0, 1.4, 7.66S, 107.34E, h0km, mb3.7/5, mbtmp3.8/5, MS2.9/2, Error ellipse: s-maj=68.9km s-min=28.1km az=49.0

DJA 22 04:07:44.0, 0.6, 8.2S, 107.7E, h25km, 5km, M4.3/19, mb4.8/6, mb5.5/1, MLV4.1/19, Mw(mb)5.0/1

ISC 22 04:07:45.2, 1.5, 8.2S, 107.33E, 0.07, h54km, 16km, n34, s153/33, mb3.6/4, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CNJI Cibinong, CMJI Cimerak, LEM Lembang, etc.

2018 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

NEIC 22 04:17:20.9, 1.7, 43.63N, 108.128W, 0.2, h10km, 2km, ML3.2/72, Error ellipse: s-maj=20.0km s-min=14.0km az=260.0, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JO1E Myrtle Point, IO2E Swisswood, OR, KBO Bosley Butte, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HUMO Hull Mountain, F03A Seaside, IO4A Tendick Farm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RADR Rader Ridge, KHMM Horse Mountain, JO4A Umqua Nationa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOOD Mount Hood Mea, HOOD, HOOD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like C03A Quillayute Air, G05A Wamic, PINE Pine Mountain, etc.

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

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

IDC 22 04:19:59.4, 5.1, 31.21S, 138.01E, h0km, mbtmp3.1/3, ML3.1/3, Error ellipse: s-maj=65.6km s-min=16.2km

1330

AUST 22 04:20:03.0, 3.0, 2.31S, 17.138E, h10km, ML2.9/11, Error ellipse: s-maj=4.7km s-min=3.1km az=78.9

ISC 22 04:20:07.0, 0.8, 3.104S, 0.04, 138.08E, 0.04, h10km, n23, s180/32, South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LCRK Leigh Creek, LCRK, YAPP Yappala Statio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MULG Mulgathing, MULG Mulgathing, SDAN Sedan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OOD Oodnadatta, OOD Oodnadatta, KELC Kelly Hill Cav, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARPS Mount Arapiles, ARPS Mount Arapiles, CMSA Cobar Meteorol, etc.

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

IGQ 22 04:32:10.9, 0.7, 1.1N, 3.8W, h7km, M5.5/49, RSNC 22 04:32:11.2, 0.0, 1.1N, 10.8W, 1.0, h10km, 107km, M4.0, mb4.3, ML4.7

IDC 22 04:32:11.2, 0.5, 0.75N, 80.32W, h0km, mb4.2/20, mbtmp3.2/25, ML3.3/5, MS3.5/21, Error ellipse: s-maj=19.5km s-min=9.5km az=62.0

NEIC 22 04:32:13.6, 1.9, 0.61N, 0.06, 80.34W, 0.02, h10km, 1km, mb4.7/76, Error ellipse: s-maj=11.0km s-min=3.7km az=191.0

VAO 22 04:32:13.9, 0.4, 0.60N, 80.22W, h10km, mb4.8

ISC 22 04:32:13.0, 1.2, 0.70N, 0.03, 80.37W, 0.04, h11km, 7km, n259, s119/258, mb4.7/49, MS3.5/17.5C, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PTGL Punta Galera, AATC Ecuador-Atacam, AMA1 Acelerografo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AV18 Acelerografo, RVRD Rio Verde, FFL1 Flavio Alfaro, etc.

22d 5h

Table with columns: Station ID, Name, Date/Time, Status, and Value. Includes stations like KDAK, SCM, Q22K, BRSE, BRLL, OHAK, SHPR, M23K, KNK, CNPM, MSU, TMUT, SYI, Q20K, PAX, K27K, SML, SII, HOM, GSC, RC01, DOT, I30M, I30M, PMR, GHO, DGMT, LCMT, WAT6, WAT6, SCRK, RIDG, RIDG, EGAK, EGAK, CAPN, CAPN, R18K, R18K, R18K, I29M, I29M, H31M, H31M, PASM, DHY, DHY, Q19K, Q19K, CHIR, CHIR, CHIR, CHIR, M22K, M22K, M22K, SUA, SUA.

2018 OCT

Table with columns: Station ID, Name, Date/Time, Status, and Value. Includes stations like O20K, K24K, K24K, J26L, J26L, J26L, P19K, P19K, P19K, P19K, WAT1, WAT1, I28M, I28M, I28M, Q20A, Q20A, CUT, CUT, N20K, N20K, SPCR, SPCR, Q18K, Q18K, Q18K, J25K, J25K, ELS, ELS, I27K, I27K, I27K, EPYK, EPYK, EPYK, U15A, U15A, SKT, SKT, SKT, I26K, I26K, I26K, H29M, H29M, H29M, FFC, FFC, FFC, Q17K, Q17K, Q17K, HDA, HDA, HDA, O19K, O19K, O19K, R17L, R17L, R17L, P18K, P18K, P18K, MCK, MCK, MCK, G31M, G31M, G31M, PFO, PFO, PFO, TPFO, TPFO, TPFO, RSSD, RSSD, RSSD, O18K, O18K, O18K, O18K, IL31, IL31, ILAR, ILAR, ILAR, ILAR, TRF, TRF, TRF, G30M, G30M.

1934

Table with columns: Station ID, Name, Date/Time, Status, and Value. Includes stations like G30M, H27K, H27K, N19K, N19K, N19K, N19K, M20K, M20K, M20K, G29M, G29M, G29M, G29M, Q16K, Q16K, PRP, PRP, PRP, N23A, N23A, N23A, BWN, BWN, P17K, P17K, P17K, KTH, KTH, F31M, F31M, F31M, COLA, COLA, COLA, COLA, COLA, PPLA, PPLA, PPLA, R16K, R16K, R16K, POKR, POKR, POKR, NEA2, NEA2, NEA2, CHGN, CHGN, CHGN, G27K, G27K, G27K, M19K, M19K, M19K, CAST, CAST, CAST, F30M, F30M, F30M, N18K, N18K, N18K, N18K, TJX, TJX, WUAZ, WUAZ, SVW2, SVW2, BPAW, BPAW, BPAW, L20K, L20K, L20K, O17K, O17K, O17K, L19K, L19K, L19K, H25L, H25L, H25L, CNBA, CNBA, CNBA, CHNA, CHNA, CHNA, I23K, I23K, I23K, I23K.

22d 5h

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like E22K, H18K, AGMN, C26K, L14K, M13K, D24K, G19K, I17K, F20K, Y22D, D23K, H17K, G18K, C24K, E21K, D22K, F19K, J14K, A19K, G17K, A36M, A36M, A36M, 121A, 121A, C23K, C23K, C23K, ECSD, UNV, UNV, BGNE, K13K, K13K, K13K, H16K, H16K, E20K, E20K, F18K, F18K.

2018 OCT

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like C21K, M11K, M11K, CBKs, G16K, G16K, D20K, D20K, F17K, F17K, F17K, B21K, B21K, D19K, D19K, D19K, E18K, E18K, E18K, G15K, G15K, B22K, B22K, B22K, E17K, E17K, EPT, EPT, EPT, HSG, HSG, ANM, ANM, ANM, R32A, R32A, F15K, F15K, F15K, NIKH, NIKH, NIKH, B20K, B20K, B20K, C19K, C19K, C19K, M11K, M11K, M11K, A22K, A22K, A22K, C18K, C18K, C18K, D17K, D17K, EYMN, EYMN, SPMM, SPMM, SPMM, RDOG, RDOG, RDOG, F14K, F14K, F14K, NOKA, NOKA, K17K, K17K, A21K, A21K, A21K, SMWD, SMWD, B18K, B18K, B18K, KAN12, KAN12, OK038, OK038, TNA, TNA, TNA, KAN01, KAN01.

1336

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like A19K, A19K, KAN17, KAN17, KAN09, KAN09, C16K, C16K, C16K, KAN13, KAN13, PECS, PECS, DKNs, DKNs, CSTR, CSTR, POST, POST, ODSA, ODSA, BLOK, BLOK, WMOK, WMOK, WMOK, WMOK, SN05, SN05, T35A, T35A, T35A, T35A, G40A, G40A, OK048, OK048, OK048, OK051, OK051, OK051, GAMB, GAMB, GAMB, APMT, APMT, OK029, OK029, OK029, ALPN, ALPN, ALPN, ADOK, ADOK, I40A, I40A, QUOK, QUOK, OKCSW, OKCSW, OK052, OK052, OK052, P38A, P38A, P38A, COWI, COWI, SGCY, SGCY, SGCY, X34A, X34A, X34A, L40A, L40A, WFTS, WFTS, TX31, TX31, TX31, TXAR, TXAR, TXAR, TXAR, TXAR, TUL3, TUL3, TUL3, OZNA, OZNA, OZNA, ATKA, ATKA, SAND, SAND, RLO, RLO, I42A, I42A, I42A, FW03, FW03, PLPT, PLPT, U38A, U38A, U38A, Z35A, Z35A, Z35A, FW06, FW06, FW06, HPIG, HPIG, FW07, FW07, R40A, R40A, R40A, HHAR, HHAR, HHAR, X37A, X37A, BRDY, BRDY, LPIG, LPIG, K43A, K43A, MGMO, MGMO, WHTX, WHTX, FW16, FW16, FW16, DRIO, DRIO, DRIO, HDIL, HDIL, CCM, CCM.

Table with columns: CCM, IAMB, IAMB, 05 46 42.6, etc. Includes entries like Cathedral Cave, Sierra La Lagu, Resolute Bay, etc.

Table with columns: WWT, IAMB, IAMB, 05 46 29.9, etc. Includes entries like Waverly, Covington, Miami Univ, Fremont, etc.

Table with columns: LONY, GOGA, V55A, MNT0, MINT0, PAULI, PAULI, N58A, U56A, 352A, HODGE, HODGE, 451A, NCB, FRNY, KMSC, S57A, S57A, LDAO, KSPA, KSPA, SCHO, SCHO, SCHO, T57A, L59A, L59A, 154A, 154A, MVL, JSC, JSC, JSC, R58B, R58B, TIGA, TIGA, LMQ, LMQ, CBN, BIRD, W57A, W57A, TRY, V58A, V58A, WUPA, 553A, KULLO, KULLO, ODNJ, Y57A, TRNY, T59A, T59A, UPNV, UPNV, KSC, PAL, H62A, H62A, X58A, X58A, L61B, L61B, L61B, CPNY, G62A, D62A, Y58A, ICQ, ICQ, W59A, NHSC, NHSC, CSU, 257A, I63A, 456A, TLIG, NEEM, NEEM, W59A, PQL, Y60A, Y60A, V61A, F64A, F64A, 656A, 656A, UMMG, UMMG, M65A, M65A, M65A

22d 5h

Table with multiple columns: Call sign, Name, Time, Frequency, Power, Mode, and other parameters. Includes stations like BATG, G65A, EMMW, SFJD, etc.

2018 OCT

Table with multiple columns: Call sign, Name, Time, Frequency, Power, Mode, and other parameters. Includes stations like CRIN, CHIV, BOAB, SPITS, etc.

1338

Table with multiple columns: Call sign, Name, Time, Frequency, Power, Mode, and other parameters. Includes stations like H1N1, ERM, TAOE, etc.

22d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, MNSK, CZSB, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC, OSTC, PRU, HNS, etc.

1340

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Malin Array Si, Kiev, KBA, ABTA, MESJ, MORF, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MKAR, MAZK, AKTO, ZCCA, MORH, BUR08, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like QZH, TPGR, KPKS, CHKK, CHKK, LPAZ, etc.

22d 5h

2018 OCT

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Table containing weather data for stations KKAR, WUS, DZA, BRLS, MMB, RZN, FNA, NRR, KIV, CD2, TIP, SOC, SHA, KBZ, IUG, KEK, PDR, CLDB, CEL, LIT, ALN, PRPB, KEST, MAK, RAFF, SIV, DIKM, GZH, KSH, PTBL, PTVL, LVC, LVA, LVT, GYA, TRLG, etc. Includes forecast data like 05 52 21.2 -0.1 and 05 52 22.1 +0.4.

Table containing weather data for stations BBSB, WDD, BR13, BR11, BRTR, BRTR, BRTR, BRTR, BRTR, BRTR, GAR, KOUNC, KOUNC, KOUNC, DZM, DZM, DZM, DZM, DZM, DZM, DZM, ONTNC, ONTNC, KIRS, GNI, GNI, GNI, GOO2, GOO2, CHGR, SNDB, AC01, SMTB, ISP, PZH, PZH, PZH, PZH, PZH, PZH, PZH, PMG, AC06, KMI, KMI, KMI, KMI, KMI, KMI, KMI, KMI, G003, AC04, KARP, LSA, LCO, AC05, VA04, ARAG, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, CO05, DAV, DAV, BDQN, G004, CO06, HNLY, HNLY, HNLY, TNCH, TNCH, TNCH, TNCH, TNCH, TNCH, TNCH, CO01, CO01, MURT, MURT, KBL, AQDB, NIL, CO03, SLVN, CO02, JMU, SDBA, THN, THN, etc. Includes forecast data like 05 52 36.3 -0.1 and 05 52 36.3 +0.0.

Table containing weather data for stations DHRM, DHRM, KLP, BDFB, VA01, BHK, SMLA, ZON, ZON, ZON, ZON, RCBR, VA03, MT02, SHL, VA05, PEL, MMAI, PTH, MT16, MT01, MT03, MT09, MT08, OUZ, BO04, LMEI, BO01, GO05, TAM, VLBK, CPUP, RLK, MT02, BI05, TOZ, NDI, JMIU, KUDL, HUIZ, MYLMD, CMAR, ALBI, BOK, LRO3, SAUI, G006, SNZO, SPB, LL05, LL04, MPSI, LL06, THZ, LL07, LL01, GO07, BHPL, BHPL, TORD, TORD, LL02, OXZ, RPZ, BKB, F0Z, COYC, LBZ, ODZ, DGPR, RAYN, SOEI, AY03, SRIT, WRA, WRA, W00A, HYB, HYB, HYB, HYB, CAN, ASAR, ASAR, etc. Includes forecast data like 05 53 33.8 +1.8 and 05 53 33.8 +1.8.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, LHMI, MG02, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, JNK, JAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUC, PB08, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NCHR, NEPTUNE Canada, etc.

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

NEIC 22 06:16:22.4, 48.98N, 129.85W, h21km, Moment Tensor Solution. Moment Tensor: Scale 10^19Nm; Mw:0.84;

PGC 22 06:16:22.2, 1.4, 48.98N, 129.85W, h10km, ML5.6/36, Mw:6.3, Mw:5.259km southwest of Pt. Hardy, Bc

NEIC 22 06:16:26.4, 2.2, 49.34N, 0.05, 129.29W, 0.09, h10km, 1km, mb:0.559, Mw:6.748, Mw:6.855, Mw:6.5(OTT), Error ellipse: s-maj=10.4km, s-min=7.9km, az=235.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm;

MOS 22 06:16:26.2, 1.9, 49.20N, 129.25W, h10km, mb:1/62, MS6.7/5, Error ellipse: s-maj=7.7km, s-min=3.6km, az=110.2

NEIC 22 06:16:26.5, 49.35N, 129.50W, h10km, mb:5.4/77, mb:6.6/41, MS6.9/86, MS7.6/783, IDC 22 06:16:27.1, 0.4, 49.29N, 129.32W, h0km, mb:4.9/33, mbtmp:4.9/44, ML:1/10, MS6.6/69, Error ellipse: s-maj=9.8km, s-min=6.9km, az=51.9

NEIC 22 06:16:28, 49.14N, 129.85W, h22km, Moment Tensor Solution. Duration: 136, Moment tensor: Scale 10^19Nm; Mw:0.16; Mw:1.71; Mw:1.85; Mw:0.32; Mw:0.41; Mw:0.14;

ISC 22 06:16:27.0, 3.4, 49.22N, 0.02, 129.24W, 0.02, h5km, 1km, h5km:pp-P, n1700, az:265/1447, mb:6.0/367, MS6.8/164, 117C-52D, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NCHR, NEPTUNE Canada, etc.

1345

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes entries like HARP, SEW, PWL, M24K, J29N, SCM, O22K, K24K, BRSE, M23K, CCAC, KNK, CNPM, K27K, OHAK, PAX, SYI, Q20K, I30M, DGMT, SML, RC01, HOM, GSC, PMR, SII, GHO, SCRK, RIDG, WAT6, EGAK, EGAK, EGAK, H31M, LCMT, CAPN, DHY, DHY, DHY.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes entries like R18K, R19K, J26L, J26L, K24K, K24K, M22K, M22K, Q19K, Q19K, Q19K, SUA, SUA, I28M, I28M, WAT1, WAT1, CHIR, CHIR, CHIR, CHIR, P19K, P19K, P19K, ILSW, SNCC, SPU, CUT, FFC, FFC, FFC, EPYK, EPYK, N20K, N20K, SPCR, SPCR, I27K, I27K, I27K, J25K, J25K, J25K, H29M, H29M, H29M, I26K, I26K, I26K, Q18K, Q18K, ACHA, ACHA, RND, RND, RND, SKT, SKT, ELS, ELS, HDA, HDA, HDA, G31M, G31M, G31M, RSSD, RSSD, RSSD, MCK, MCK, O19K, O19K, O19K, Q17K, Q17K, Q17K, W13A, W13A, R17L, R17L, R17L, P18K, P18K.

22d 6h

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes entries like P18K, G30M, G30M, IL03, ILAR, ILAR, ILAR, PFO, PFO, PFO, TPFO, TPFO, TRF, TRF, G29M, G29M, WRH, O18K, O18K, O18K, M20K, M20K, M20K, N23A, N19K, N19K, N19K, F31M, F31M, PRP, PRP, COLA, COLA, COLA, COLA, COLA, Q16K, P17K, P17K, NEA2, NEA2, R16K, R16K, R16K, F30M, F30M, G27K, G27K, CAST, CAST, M19K, M19K, M19K, CHGN, CHGN, CHGN, BPAW, BPAW, BPAW, WUJZ, N18K, N18K, N18K, N18K, L20K, L20K, SVW2, SVW2, SVW2, SVW2, H25L.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like H25L, O17K, I23K, J23K, F28M, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like L18K, Q24A, J20K, TTA, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like E24K, PIX, G21K, G21K, GCSA, etc.

22d 6h

2018 OCT

1348

Table with columns for station name, frequency, power, and other technical details. Includes stations like Eureka, Hartselle, Shawnee State, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UMMG, M65A, GGN, SFJD, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SPA0, SP0A, SP0B, etc.

1349

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ERM Erimo, JEM Erimo, CRPR Cabo Rojo, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HEH, STOK, BOD, MORB, etc.

22d 6h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HIA Hailer, ODD1 Odda, NB2 NORSAR, etc.

22d 6h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JHS Saijiyo, PAE Paea, and many others.

2018 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BTNL Ternell, ISAL Salakas, RCHB Rochefort, and many others.

1350

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PCAB Cabril, RICC Richard, PVCC Panska Ves, and many others.

Table of astronomical observations for 1351, including stations like CKRC, OKC, PMAFR, OJC, RNP9, PCBR, VRAC, etc., and objects like Cesium Krumlov, Ostrava-Krasne, etc.

Table of astronomical observations for 1351, including stations like AK18, BELG, AK03, KBA, AKASG, etc., and objects like Malin Array Si, Belogorov, etc.

Table of astronomical observations for 1351, including stations like MK31, MKAR, MKAR, etc., and objects like Makanchi Array, Makanchi Array, etc.

22d 6h

2018 OCT

1354

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Sheep Creek Mo, Cooper Landing, Bradley Lake, etc.

Table with columns: ILAR, PpP, PpP, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Hualapai Mount, Thorpe Moun, Steamboat Moun, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Coleen River, 4UR Ranch, Ungalakthiuk R, etc.

1355

Table with columns: ID, Name, baz, SNR, P, I, M, L, R, S, T, V, W, X, Y, Z, and numerical values.

2018 OCT

Table with columns: ID, Name, baz, SNR, P, I, M, L, R, S, T, V, W, X, Y, Z, and numerical values.

22d 6h

Table with columns: ID, Name, baz, SNR, P, I, M, L, R, S, T, V, W, X, Y, Z, and numerical values.

22d 6h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like V53A Saluda, R55A Marlinton, BG3 Lake Jocassee, etc.

2018 OCT

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like CCIG Comitan, MA2 Magadan, NOR Nord, etc.

1356

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like YSS Yuzh-Sakhalins, YUK SDDR, ASAJ ASAJ, etc.

22d 6h

Table of station data for '22d 6h', listing stations like PCBR, SENIN, RNP5, etc., with their respective coordinates, frequencies, and signal quality.

2018 OCT

Main table of station data for '2018 OCT', listing stations like PAB, KECS, MYKA, etc., with their respective coordinates, frequencies, and signal quality.

1358

Table of station data for '1358', listing stations like BOVS, QZH, KPXS, etc., with their respective coordinates, frequencies, and signal quality.

1359

Table with columns for station name, code, time, and resolution. Includes stations like Vesoyloye, IUG, NCK, PDRB, etc.

2018 OCT

Table with columns for code, station name, station name, time, and resolution. Includes stations like MAW, CRZF, NEPTUNE, etc.

22d 6h

Table with columns for code, station name, station name, time, and resolution. Includes stations like HOLB, CBB, CDB, etc.

ADC 22:06:31.39:2.0, 49:30N:130:03W, h0km, mb4.3/13, mtbpm4.3/18, ML:9.4, MS:6.1, Error ellipse: s-maj=21.3km s-min=13.0km az=69.0

22d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, SNA4 Sanae, SNA5 Sanae, etc.

NEIC 22.06:32.58.0.0.7, 37.39N:0.03:119.61W:0.03, h39km, 10km, Error ellipse: s-maj=4.3km s-min=3.6km

NCEDC 22.06:35.8.4.0.9, 37.41N:0.03:119.61W:0.03, h43km, 6km, ML3.1/40, ML3.3/67(NEIC), Error ellipse: s-maj=4.5km s-min=3.0km az=142.0, Central California

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMMI Miami Mountain, KCC Kaiser Creek, FRI Friant, etc.

2018 OCT

Main station list table with columns: GWSY, IAML, Time, Res. Includes stations like MCCM Marconi Center, TPNV Topopah Spring, GSC Goldstone, Bar, etc.

1360

Main station list table with columns: U35K Hyder, G05A Wamic, E08A Colville Reser, etc. Includes station names and associated data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Denali Highway, Eielson Array, Pine Creek, White Mountain, Telida, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Campbell River, Sechelt, Bella Bella, Survey Mountai, Newport, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sunnyside, Carlson Farm, Myrtle Point, Phinny Hill Vi, Hanford, etc.

IDC 22 06:57:42.4:1.3,53.79S;134.90W,h0km,mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=160.0km, Pacific-Antarctic Ridge

PGC 22 07:13:03.5:0.3,48.83N;129.49W,h10km,MLSn3.7/32, Mw4.3/32,256km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 22 07:13:03.5:0.3,48.83N;129.26W,h0km,mb4.2/14, mbtmp4.1/23,mb4.9/28, Error ellipse: s-maj=19.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Juan Fernandez, Lajitas Array, WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEPTUNE Canada, NEPTUNE Canada, Eliza Dome, Estevan Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Rodgers, Siga, Telegraph Cree, Jacoby Creek, etc.

PGC 22 06:58:16.1:0.9,48.95N;129.60W,h10km,MLSn3.5/25, Mw4.1/25,249km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

IDC 22 07:13:03.2:0.2,49.18N;128.84W;0.06,h10km,1km, mb4.3/149, Error ellipse: s-maj=8.7km s-min=4.8km

IDC 22 07:13:07.0:2.4,49.08N;128.91W;0.05,h6km;14km, n391, c1540/369,mb4.4/36, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEPTUNE Canada, NEPTUNE Canada, Eliza Dome, Estevan Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Newcastle Ridg, Campbell River, Bamfield, Port Renfrew, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BSMT, KMRM, PLID, WWOR, etc.

PGC 22 07:10:19.4,49.02N;128.59W,h10km,MLSn3.1/7, Mw3.7/7,195km Wsw of Gold R., Bc Vancouver Island, Canada Region

IDC 22 07:10:32.2:2.2,49.10N;129.93W,h0km,mb3.4/3, mbtmp3.5/9,ML3.3/6, Error ellipse: s-maj=41.8km s-min=17.1km az=62.0

IDC 22 07:10:17.6:1.1,49.02N;128.58W;0.06,h10km,n26, c1540/20,mb3.4/3, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEPTUNE Canada, NEPTUNE Canada, Eliza Dome, Estevan Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEPTUNE Canada, NEPTUNE Canada, Eliza Dome, Estevan Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PSUT, PSUT, M27K, Edge Creek, etc.

Table with columns: Station Name, Time, Res, Az, El, Az, El, Time, Res. Includes stations like San Rafael Swe, Chicken, Mount Dempster, Casper, Nelson, Pasadena Art C, Miner Creek, etc.

Table with columns: Station Name, Time, Res, Az, El, Az, El, Time, Res. Includes stations like Agassiz Nation, Albuquerque, Roundabout Mo, Altna River, Toolik Lake, etc.

Table with columns: Code, Station Name, Time, Res, Az, El, Az, El, Time, Res. Includes stations like MK31, MKAR, MKAR, ZALV, ZALV, ZALV, I46RU, BVAR, etc.

22d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNBB Haney, KITB Kitimat, UBRB Upper Baezaeko, etc.

NEIC 22 08:04:37.5, 1.7, 47.65N, 0.01, 121.84W, 0.03, h18km, 2km, Error ellipse: s-maj=3.4km s-min=2.0km az=77.0

SEA 22 08:04:38.1, 1.6, 47.64N, 0.01, 121.82W, 0.05, h13km, 5km, ML2, 11/6, ML2, 2/48(NEIC), Error ellipse: s-maj=4.8km s-min=1.9km az=90.0

PGC 22 08:04:38.1, 47.64N, 121.82W, h28km, ML2.1, ML2.0/13, 38km east of Seattle, Wa Washington, Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTW Tolt Reservoir, C05A Tolt Reservoir, etc.

2018 OCT

Table with columns: LTY Liberty, LON Longmire, LTY Liberty, etc. Includes station codes and coordinates.

NOU 22 08:07:47.1, 40.67S, 174.50E, h70km, MLV3.8/15, Cook Strait, New Zealand

WEL 22 08:07:48.0, 40.3, 174.4E, s-maj=5km, M3.6/48, ML3.9/48, MLV3.6/48, Error ellipse: s-maj=3.3km s-min=2.8km az=138.9, confirmed

ISC 22 08:07:46.9, 1.3, 40.67S, 0.03, 174.49E, 0.03, h70km, 9km, n144, 0/85/146, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIW Kapiti Island, DUWZ D'Urville Isla, etc.

1366

Table with columns: MSWZ Wanganui, WAZ Wanganui, NNZ Nelson, etc. Includes station codes and coordinates.

PGC 22 08:08:57.2, 0.0, 48.51N, 128.68W, h10km, MLN2.8/27, Mw3.5/27, 214km Wsw of Tofino, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCHR NEPTUNE Canada, NCHM NEPTUNE Canada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHC Port Hardy, BFB Bamfield, etc.

UPA 22 08:09:51.6:0.4, 8:69N, 82:76W, h19km, MW3.4
UCR 22 08:09:51.6:0.8, 8:70N, 82:78W, h24km, MW3.6
CATAC 22 08:09:51.5:0.3, 8:75N, 82:85W, h12km, MW3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRU2 Volcan, BRU2 Volcan, etc.

JMA 22 08:16:32.6:0.2, 24°N, 1°12'25"E, h30km, MV2.9/11,
NIW OFF ISHIGAKIJIMA ISLAND
TAP 22 08:16:32.7:23.86N, 122°46'E, h25km, ML3.3 C
ISC 22 08:16:31.8:1.1, 23°81'N, 103°122.47E, h25km, 10km,
n99, c085/149, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like E0S3, E0S2, E0S1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHP Taichung City, TYC Yuch, etc.

NOU 22 08:35:46.0, 17:43S, 179:51W, h59km, mb5.2/7, Fiji
Islands Region, Fiji Islands region

IDC 22 08:39:24.5:0.8, 24°33'N, 125°09'E, h0km, mb4.0/17,
mbtmp4.0/21, ML3.2, Error ellipse: s-maj=19.8km
s-min=16.9km az=89.0
JMA 22 08:39:28.7:0.2, 24°N, 1°12'25"E, h41km, 4km,
MV3.7/11, NEAR MIYAKOJIMA ISLAND
NEIC 22 08:39:29.9:2.2, 24°17'N, 101°10', 125°22'E, h0, h35km, 4km,
mb4.7/33, Error ellipse: s-maj=13.7km s-min=8.0km
az=174.0
ISC 22 08:39:28.2:1.4, 24°28'N, 0°06', 125°24'E, h27km, 9km,
n86, c144/97, mb4.5/34, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JM2 Miyako jima3, JM2 Gusuokube, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like YHNB, YULB, YULY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NEPTUNE Canada, NEPTUNE Canada, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NorthernBC 4, Izeze, Bald Mountain, etc.

PGC 22 08:43:17.1±0.4, 49°02'N-129°94'W, h10km, mb4.4, MLsn3.7/41, Mw4.3/41, 260km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region
IDC 22 08:43:18.2±0.7, 49°09'N-129°81'W, h0km, mb4.0/16, mbtmp4.1/27, ML3.8/11, MS4.6/4, Error ellipse: s-maj=16.8km s-min=10.0km az=44.0
NEIC 22 08:43:21.4±2.1, 49°30'N-0°06:129.393W±0.06, h10km, 1km, bz=4/263, Error ellipse: s-maj=10.8km s-min=6.3km az=129.0
ISC 22 08:43:20.4±2.4, 49°23'N-0°05:129°48'W±0.04, h6km, 15km, n681, σ138/615, mb4.5/66, Vancouver Island region

Table with columns: ID, Name, Az, El, P, Q, R, Az, El, P, Q, R. Contains station data for locations like MAYO, M27K, P23K, N25K, etc.

Table with columns: ID, Name, Az, El, P, Q, R, Az, El, P, Q, R. Contains station data for locations like R18K, DHY, M22K, J26L, etc.

Table with columns: ID, Name, Az, El, P, Q, R, Az, El, P, Q, R. Contains station data for locations like N18K, BPAP, BPAPW, L20K, etc.

22d 8h

Table of station data for the 22d 8h period, including station ID, name, coordinates, and various parameters.

2018 OCT

Table of station data for the 2018 OCT period, including station ID, name, coordinates, and various parameters.

1370

Table of station data for the 1370 period, including station ID, name, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SOEI Soe, DNP Denpasar, JAGI Jagaj, etc.

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

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

PGC 22 09:43:53.74.0.48.98Nk:129'95W, h10km, MLsn3.0/19, Mw3.6/19, 263km Southwest of Pt. Hardy, Bc Vancouver Island, Canada Region

PGC 22 09:43:57.12.1.49.24Nk:128'91W, h0km, mb2.9/1, mbtm3.1/8, ML3.1/7, Error ellipse: s-maj=36.2km s-min=12.2km AZ=70.0

PGC 22 09:43:57.31.49.21Nk:108'129'4W, h10km, n43, s=130'33, Vancouver Island region

PGC 22 10:00:05.40.5.49.01Nk:130'05W, h10km, MLsn2.9/29, Mw3.5/29, 266km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NCHR NEPTUNE Canada, KEMF NEPTUNE Canada, HOLB Holberg, etc.

PGC 22 10:06:06.8-8.7.13.655S:172'05E, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=423.1km s-min=36.2km AZ=141.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LFOU La Fuente, NUBE Las Nubes, NUBE Las Nubes, etc.

CATAC 22 10:03:09.0.0.5.13'12N:89'60W, h22km, 3km, ML3.5 SNET 22 10:03:09.0.0.5.13'16N:89'61W, h39km, 12km, ML3.4

PGC 22 10:03:09.1.1.9.13'11N:07'89.62W, h0.6, h29km, 12km, n54, c=42.82, El Salvador

PGC 22 10:06:11.2-0.5.49.02Nk:129'92W, h10km, MLsn2.9/24, Mw3.5/24, 259km Southwest of Pt. Hardy, Bc

PGC 22 10:06:11.2-0.5.49.02Nk:129'92W, h10km, MLsn2.9/24, Mw3.5/24, 259km Southwest of Pt. Hardy, Bc

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

PGC 22 10:06:11.2-0.5.49.02Nk:129'92W, h10km, MLsn2.9/24, Mw3.5/24, 259km Southwest of Pt. Hardy, Bc

PGC 22 10:06:11.2-0.5.49.02Nk:129'92W, h10km, MLsn2.9/24, Mw3.5/24, 259km Southwest of Pt. Hardy, Bc

PGC 22 10:06:11.2-0.5.49.02Nk:129'92W, h10km, MLsn2.9/24, Mw3.5/24, 259km Southwest of Pt. Hardy, Bc

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ILAR Eielson Array, etc.

Vancouver Island, Canada Region, Vancouver Island region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KURK Kurchatov, PZH PZHU, HYB Hydrabad, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ESDC Sonseca Array, WRA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 22 10:06:47.8 1.5, 5.339S, 135.58W, h0km, mb3.7/4, mbmtp3.7/4, Error ellipse: s-maj=52.8km s-min=34.4km az=169.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GSPA South Pole Qui, H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

IDC 22 10:08:27.9 0.6, 33.98N, 83.93E, h0km, mb4.1/16, mbmtp4.1/19, ML3.2/3, Error ellipse: s-maj=24.3km s-min=13.6km az=55.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ZEA Zeya, ANN Anapa, ANN Anapa, etc.

PGC 22 10:22:18.9 0.6, 49.40N, 130.36W, h10km, ML3.5/3/7, Mw4.2/37, 255km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H0LB Holberg, H0LB Holberg, NCHR NEPTUNE Canada, etc.

IDC 22 10:08:27.9 0.6, 33.98N, 83.93E, h0km, mb4.1/16, mbmtp4.1/19, ML3.2/3, Error ellipse: s-maj=24.3km s-min=13.6km az=55.0

BJI 22 10:08:30.4 34.11N, 83.92E, h0km, mb4.4/10, Ms4.0/6, Ms7.4/0/8

NEIC 22 10:08:30.6 2.0, 34.18N, 0.07, 83.97E, 0.10, h10km, mb2.0/km, mb4.0/10, Error ellipse: s-maj=12.5km s-min=11.1km az=172.0

MOS 22 10:08:30.5 1.5, 34.12N, 83.93E, h25km, mb4.7/10, Error ellipse: s-maj=10.6km s-min=5.5km az=116.9

ISC 22 10:08:30.4 0.4, 34.09N, 0.07, 83.91E, 0.06, h10km, n91, r=138/96, mb4.5/26, 5C-7D, Xizang

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

IDC 22 10:08:30.4 0.4, 34.09N, 0.07, 83.91E, 0.06, h10km, n91, r=138/96, mb4.5/26, 5C-7D, Xizang

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

IDC 22 10:08:30.4 0.4, 34.09N, 0.07, 83.91E, 0.06, h10km, n91, r=138/96, mb4.5/26, 5C-7D, Xizang

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

22d 10h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DLBC Dease Lake, YBH Yreka Blue Hor, TOAD Toad River, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H29M Whitestone, HDA Harding Lake, MCK Macleay, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like F20K Avaraart Lake, D23K Nanushuk River, ULM Laou Bonnet, etc.

NOU 22 10:41:43.1,32.745:179.93W,h0km,mb4.7/5,South of Kermadec Islands, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, KUZ Kuatou, etc.

IDC 22 10:44:04.6:0.7,33.93N:83.91E,h0km,mb4.0/15, mbtmp4.0/17,ML3.2/2,Error ellipse: s-maj=25.0km s-min=13.9km az=56.0

ISC 22 10:44:06.1:0.8,34.0N:0.1:84.0E:0.2,h10km,n20, o86/18,mb4.2/13,Xizang

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAK Ala-Archa, MKAR Malanchi Array, KURBS Kurchatov Arra, etc.

IDC 22 10:47:11.1:0.5,37.50N:141.46E,h0km,mb4.9/29, mbtmp4.9/32,ML3.7/3,MS4.1/63,Error ellipse: s-maj=14.2km s-min=12.6km az=91.0 BUJ 22 10:47:16.7:37.49N:141.41E,h58km,mb5.1/82,mb4.9/36, MS4.4/69,MS7.4/268 MOS 22 10:47:16.1:0.9,37.49N:141.46E,h46km,mb5.3/58,Error

ellipse: s-maj=6.5km s-min=3.8km az=115.7
NIED 22:10:17.8, 4.37' 52N, 141.45' E, h49km, MW5.0, Moment
Tensor Solution. s3 Moment tensor: Scale 1016Nm;

Table with columns: Code, Station Name, Delta Az, Phase ID, Time Res, I S C, h m s, Res. Rows include stations like JFNN, JHTM, JHMJ, etc.

Table with columns: Station Name, Time Res, I S C, h m s, Res. Rows include stations like BNX, BNK, BNX, TYV, etc.

Table with columns: Code, Station Name, Delta Az, Phase ID, Time Res, I S C, h m s, Res. Rows include stations like JMST, JMST, JFJK, etc.

Table with columns: Code, Station Name, Delta Az, Phase ID, Time Res, I S C, h m s, Res. Rows include stations like SHZ3, JN12, JNY1, etc.

Table with columns: Station Name, Time Res, I S C, h m s, Res. Rows include stations like DL2, DL2, DL2, etc.

22d 10h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like MA2 Magadan, TIY Taiyuan, HHC Hu-ho-hao-te, WHN Wuhan, BTO Baotou, YAK Yakutsk, CNSH Changsha, SEY Seymchan, XAN Xi'an, SHM Shemya Is. Ala, ENH Enshi, SONM Songino Array, H11N2 WAKE ISLAND Hy 28.37 122, H11N1 WAKE ISLAND Hy 28.38 122, H11N3 WAKE ISLAND Hy 28.39 122, H11S1 WAKE ISLAND Hy 29.10 124, H11S2 WAKE ISLAND Hy 29.11 124, ZAK Zakamensk, LZH Lanzhou.

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like LZH, GYA Guiyang, MOY Mondy, CD2 Chengdu, GTA Gaotai, QIZ Qiongzong, BIL Bilibino, DAV Davao City (W), TIXI Tikisi, KMI Kunming, PAN Panzhihua, GOMU GeErLu, SPIA Saint Paul Is, NIKH Nikolski High, P08K Saint George I, GAMB Gambell, MYLDM Lahad Datu, TNCH TengChong, UNV Unalaska Valle, DLV Lat, M11K Mekoryuk, GENI Genyem, DGZ Jazzator, TNA Tin City, WMQ Urumqi, WMQ, K13K Kusilyak Mount, F14K Arctic Creek, FAKI Fak Fak, ANM Nome, M13K Dall Lake, CHTO Chiang Mai, CHTO Chiang Mai, J14K Nanvaranank Lak, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like L14K Kuka Creek, F15K North Star Dit, G15K Niukuk, SANI Sanana, M14K Bethel, N14K Kuskokwak Cree, MPSP Mapaga, ZSN Zaisan, ZSN Zaisan, O14K Tigykauivet M, C16K Lisburne Hills, MSAI Masochi, L15K Ungalak Mounta, K15K Wolf Cree Mouta, APSI Ampana, H16K Elim, M15K Kasigluk River, G16K Koyuk River, N15K Kwethluk River, NRIK Noril'sk, NRIK Noril'sk, NRIK Noril'sk, D17K Noatak River, O15K Ungalikthiuk R, CHNA Chernaaba Isl, S14K Fog Glacier, J16K Anvik River, I17K Unalakleet, RDOG Red Dog Mine, C17K DeLong Mountai, E17K Hotham Inlet, F17K Baldwin Pennin, F17K Baldwin Pennin, L16K Owhat River, G17K Kiwalik Mounta, SHL Shillong, SHL Shillong, SHL Shillong, M16K Timber Creek, N16K Nishlik Lake, H17K Granite Mounta, CHGN Chignik, J17K VABM Dome, E18K Tukpahleak C, E18K Tukpahleak C, B18K Kokolik River, O16K Kokwok River B, C18K Utukok River, C18K Utukok River, P16K Nushagak Hill, L17K Donlin, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, K17K Iditarod, F18K Selewik, R16K Pilot Point, SBUM Sibiu, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, G18K Tagagawik, H18K Honhosa River, M17K Holitna River, A19K Wainwright, N17K Nushagak Hills, O17K Kolliganek Bris, C19K Lookout Ridge, C19K Lookout Ridge, Q16K King Salmon, L18K Granite Mounta, P17K Kwitak River, R17L Mt. Peulik Vol, F19K Shaleruckik Mo, J18K Innoko River, GCSA Galena City Sc, G19K Purcell Mounta, D19K Kuna River.

Table with columns: ID, Name, Az, El, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15. Rows include Q17K Contact Creek, N18K Kliae Creek, TTA Talalina, M18K Stony River, etc.

Table with columns: ID, Name, Az, El, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15. Rows include BPAW Bear Paw Mtn., KTH Kantishna Hill, WUS Wushi, ZHN Zhinshke, etc.

Table with columns: ID, Name, Az, El, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15. Rows include F25K Christian River, F25K Christian River, E25K Arctic Village, etc.

22d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PPBI, L27K, B27K, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SVE, M31M, M31M, etc.

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

Table with columns for station name, frequency, and signal strength. Includes stations like SCO, JMD0, UOSS, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like SORM, TPWA, NDNU, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like BRG, BRG, BRG, etc.

22d 11h

Table of stations and their coordinates, including entries for TAOE, IDI, AMTX, LPL, VHRN, P38A, DKNS, TBI, L44A, LPIG, ALPN, APMT, S39A, TX31, TXAR, ABTX, U38A, HHAR, MGMO, VAE, O48B, DRIO, FCAR, P49A, 435B, 833A, L61B, KEST, TKL, E68C, RKT, TORD, DBIC, BOSB, QSPA, QSPA, BELA, TROLL, SNA3, SNA4, ETMB, VNA2, VNA3, VNA1, SAML, LPAP, H03N2, H03N3, H03N1.

PGC 22 10:57:44.6-0.4, 48.85N x 130.28W, h10kmm, ML.SN3.2/34, Mv3.8/34, 291km W of Pt. Hardy, Bc Vancouver Island, Canada Ridge, Vancouver Island region

Table listing station details such as Code, Station Name, Azimuth, Phase, ID, Time, Res, and coordinates for stations like NCHR, KEMF, HOLB, NCB9, EDB, PACB, ETB, PHC, WOSB, NCSB, GDR, B012, NCSB, OZB, BAMF, BFB9, B928, CBB, JEDB, B827, BBB, BAIB, PNB, H03, PTRF, CLRS, NLLB, SHB, SYMB, BUTB, GOBB, B010, PGC, B011, DIB, VGB, SNB.

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Table listing station details including Code, Station Name, Azimuth, Phase, ID, Time, Res, and coordinates for stations like WPB, MGMB, HWKB, WCLW, MCSR, HDW, HNBH, KITB, MUBB, UBRS, LLLB, D05A, RPW, LTY, FSJB, NBC4, BDMA.

NEIC 22 11:06:20.0-0.5, 36.273N-0.007:89.45W-0.01, h9kmm, 1km, Error ellipse: s-maj=1.2km s-min=1.1km az=113.0, SLM 22 11:06:20.0-0.4, 36.272N:0.007:89.45W:0.01, h7kmm, 2km, Md3.3/44, mb_Lg3.3/20(NEIC), ML3.4/32(NEIC), Error ellipse: s-maj=1.1km s-min=1.0km az=101.0, New Madrid region, Missouri

Table listing station details for stations in the New Madrid region, Missouri, including Code, Station Name, Azimuth, Phase, ID, Time, Res, and coordinates for stations like WYBT, MIST, GLAT, GLAT, GLAT, GLAT, FLPT, PPLL, PPLL, LNXT, LNXT, LNXT, LNXT, POBM, POBM, PENMO, PENMO, PVMO, PVMO, PVMO, WALK, FPST, FPST, PGVM, WADM, CWPT, MARMO, HICK, HICK, HICK, HICK, HICK, HICK, HICK, HICK, CATM, EDIT, TOPM, KEWM, HENM, EPRM, CHNM, PARMO, UTMT, COKM, MLDM, DWDM, GNAR, GNAR, GNAR, CHRM, FMKY, BETM, DLR, PBMO, PBMO, LPAR, T45A, T45A, T45A, SFTN, CGM3, CGM3, MET, MET, MET, HBAR, WYV, LCAR, S44A, SIUC, PLAL, PWLA, FVMA, F47A, V48A, FCAR, FCAR, USIN, CCIN, Y45A, MGMO, MGMO, WHAR, CLTN, Q44A, X48A, OLIL, OLIL, UALR, UALR, U49A, R40A, CCAR, SWET, WCI, WCI, Z47A, X40A, X40A.

1380

Table listing station details for stations 1380, including Code, Station Name, Azimuth, Phase, ID, Time, Res, and coordinates for stations like S39A, Y49A, HHAR, BLO, P46A, MIAR, 143A, 143A, WLAR, U38A, U38A, Z41A, X51A, X51A, HDIL, P48A, R50A, N41A, TKL, W52A, P38A, TZTN, TZTN, S51A, P49A, Y52A, 250A, TUL3, O48B, M44A, 152A, V53A, N47A, SSFO, O49A, GOGA, L42A, L40A, OK03, 352A, U54A, L46A, Q52A, K5U1, SCIA, 154A, PAUL, PAUL, OKCS, JFWS, V55A, L48A, JSC, O52A, P53A, U56A, Q54A, MCWV.

CNRM 22 11:12:20.0, 36.49N-4.61W, h8kmm, ML2.6, LDG 22 11:12:20.0, 36.53N-4.46W, h8kmm, INMG 22 11:12:21.4, 36.54N-4.43W, h9kmm, 9kM, ML2.8, Error ellipse: s-maj=4.0km s-min=3.7km az=105.0, MDD 22 11:12:21.6, 0.3, 36.52N-4.46W, h9kmm, 3km, Mb3.5/50, Error ellipse: s-maj=2.3km s-min=1.7km az=155.0, SFS 22 11:12:21.1, 36.53N-4.46W, h9kmm, ML3.2/20, MLv3.1/20, IGL 22 11:12:22.7, 36.53N-4.47W, h7kmm, ML2.9, ISC 22 11:12:18.9, 0.3, 36.53N-0.03:4.45W:0.02, h109kmm, 6kmm, n123, t191/201, 26C-6D, Strait of Gibraltar

Table listing station details for stations in the Strait of Gibraltar region, including Code, Station Name, Azimuth, Phase, ID, Time, Res, and coordinates for stations like EMAL, EGOR, EGOR, EGOR, ELGU, ELGU, ELGU, ELJF, ELJF, LJA, ALJ, CEUT, CEUT, CEUT, CEUT, MORON, EQTA, EQTA, EQUT, EQUT, SMIR, SMIR, SMIR, ESPR, ESPR, ESPR, EBER, EBER, EBER, EBER, PALE, PALE.

Table with columns: Name, RA, Dec, S, P, Sn, Pn, Time, Res. Includes entries like PALE Palemas, EADA Adamuz, EADA Admar, etc.

Table with columns: Name, RA, Dec, S, P, Sn, Pn, Time, Res. Includes entries like ECHÉ Guadarrama, ECHÉ GuD, ECHÉ GUD, etc.

Table with columns: Name, RA, Dec, S, P, Sn, Pn, Time, Res. Includes entries like FITZ Fitzroy Crossi, SUR Sutherland, SBUM Sibu, etc.

ICD 22 11:32:07.8+0.7, 33:13S:78:03E, h0km, mb4, 1/12, mbmp4, 1/12, MS3.8/17, Error ellipse: s-maj=26.5km, s-min=18.1km az=99.0

NEIC 22 11:32:09.7+1.4, 33:18S:01:09N, 77:9E±0.2, h10km±1km, mb4, 7/23, Error ellipse: s-maj=21.9km s-min=15.4km az=279.0

ISC 22 11:32:09.4+0.6, 33:17S:01:09N, 78:0E±0.1, h10km±n61, mb38/33, mb4.5/21, MS4.0/17, Mid-Indian Ridge

ICD 22 11:59:05.8±0.9, 49:07N:129:91W, h0km, mb3.8/10, mbmp3.9/19, ML3.6/9, MS4.0/79, Error ellipse: s-maj=21.2km s-min=11.0km az=50.0

PGC 22 11:59:05.2±0.9, 48:35N:130:13W, h10km, ML3.5/38, mb4.2/38, 27.5km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Ridge

GCMT 22 11:59:10.0±0.4, 48:30N:102:130:09W:0:03, h14km, 3km, MW4.9/78, Moment Tensor Solution, s: c79; s78; c107; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:0.77±.20; Mw:2.49±.18; Mb:1.73±.13; Ml:0.39±.37; Mo:1.81±.15; Ms:0.38±.34; Best double couple: Mo:2.85600x10^16 Np1:±246.00000°, s82.00000°, 14.00000°; Np2:±154.00000°, s77.00000°, 171.00000°. Principal axes: T: 2.5370, P1g16.0000°, Azm111.0000°; N: 0.6430, P1g74.0000°, Azm278.0000°; P: -3.1740, P1g3.0000°, Azm20.0000°. nstia1 refers to body waves, cutoff=40s, nstia2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 22 11:59:04.8±3.5, 48:36N:01:05, 129:99W:0:06, h2km±23km, n374, c1931/324, mb3.8/10, MS4.0/70, Vancouver Island region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes entries like NCHR NEPTUNE Canada, KEMF NEPTUNE Canada, etc.

22d 11h

Table with columns: ID, Name, Az, El, Pn, S, M, D, L, R, Az, El, Pn, S, M, D, L, R. Includes entries like BBB Bella Bella, PFB Port Renfrew, PTFR Port Renfrew, etc.

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Table with columns: ID, Name, Az, El, Pn, S, M, D, L, R, Az, El, Pn, S, M, D, L, R. Includes entries like M29M Somme Creek, MCARA McArthur VSAT, BMRM Brenner River, etc.

1382

Table with columns: ID, Name, Az, El, Pn, S, M, D, L, R, Az, El, Pn, S, M, D, L, R. Includes entries like TPFO Pinon Flats, Q16K King Salmon, P17K Kvichak River, etc.

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like E22K, L14K, M13K, etc.

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG, ESDC, SONS, etc.

IDC 22 12:01:56.4:1.3, 28'69S; 74.86E, h0km, mb3.8/5, mbmt30.8/5, Error ellipse: s-maj=40.8km s-min=30.8km az=85.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like H08S2, H08S1, etc.

NOU 22 12:02:20.7, 39'75S; 174.18E, h184km, MLV3.5/20, North Island, New Zealand

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

IDC 22 12:06:14.8:3.2, 49'31N; 129.91W, h0km, mbmt3.1/4, ML3.1/4, Error ellipse: s-maj=80.7km s-min=29.3km az=56.0

PGC 22 12:06:14.7:1.3, 48'87N; 130.14W, h10km, ML3N.1/16, MW3.7/16, 282km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 22 12:06:11.9:1.7, 48'36N; 0.08:130.2W:0.1, h11km, 14km, n44, c2502/46, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like NCHR, KEMF, HOLB, etc.

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SNNV, NNWV, MOVZ, etc.

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANWZ, ANWZ, MRHZ, etc.

Table with columns: Call sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NCHR, KEMF, HOLB, etc.

22d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOBB Galiano Island, OSD Olympics-Snow, and PDAR Pinedale Array.

IDC 22 12:35:55.0, 1.2, 6.31S, 152.23E, h0km, mb4.1, mbmp4.27, ML3.3/1, MS3.5/2, Error ellipse: s-maj=49.0km s-min=24.7km az=119.0

NEIC 22 12:36:01.9, 1.3, 6.46S, 0.08x152.4E, 0.1, h50km, gkm, mb4.4/18, Error ellipse: s-maj=18.3km s-min=9.5km az=115.0

ISC 22 12:35:58.0, 0.8, 6.33S, 0.09x152.3E, 0.1, h23km, n39, 1541/37, mb4.17, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, and MANU Manus Island.

NOU 22 12:41:22.1, 39.46S, 176.97E, h12km, MLV3.4/15, North Island, New Zealand

WEL 22 12:41:23.4, 0.2, 39.2, 17.7E, h20km, 2km, M3.3/62, ML3.6/62, MLV3.3/62, Error ellipse: s-maj=2.8km s-min=2.0km az=133.8, confirmed

ISC 22 12:41:22.6, 1.2, 39.46S, 0.02x176.97E, 0.02, h13km, 9km, n132, 0.059N/149, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARHZ Aropoanui, MCHZ McNeill Hill, and KCHZ Cape Kidnapper.

MOS 22 12:39:49.9, 42.53N, 45.38E, h17km, MPVA4.9

NORS 22 12:39:50.5, 42.42N, 45.34E, h4km, MPVA4.9

TIF 22 12:39:50.2, 42.54N, 45.33E, h6km, 1km

AFAD 22 12:39:50.4, 0.0, 42.68N, 45.28E, h7km, 5km, ML3.3

ISC 22 12:39:50.7, 0.9, 42.52N, 0.02x45.34E, 0.01, h9km, 7km, n113, 0.122/215, 4C-9D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHTL Shatili, CHRG Chargali, and MTEO Mteo.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTLR Vladikavkaz, VLKR Vladikavkaz, and VEDNO Vedeno.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGKR Sergokala, KANR Karaman, and URKR Urkarakh.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRN Derbent, SHA1 Shidzhatmaz, and BEYR Belyy Ugol+.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARHZ Aropoanui, MCHZ McNeill Hill, and KCHZ Cape Kidnapper.

1384

Table with columns: MAVZ, TRVZ, FWVZ, etc. and rows listing various locations and their coordinates. Includes a section for Pacific Rise with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time Res, ISC, Res.

IDC 22 13:12:19.8,0.7,34:82Sx108:48W, h0km, mb4.2/10, mbmp3.4/2.10, MS3.9/20, Error ellipse: s-maj=26.4km s-min=18.4km az=63.0

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

Main table listing stations and their parameters. Columns include station name (e.g., LPAZ, LPVZ, LPWZ), coordinates, and various identifiers.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time Res, ISC, Res. Lists stations and their parameters, including a section for Vancouver Island Region.

22d 13h

Table with columns for ID, Name, Date, Time, and Status. Includes entries like B010 North Saanich, B011 North Saanich, B012 Bowen Island, etc.

2018 OCT

Table with columns for ID, Name, Date, Time, and Status. Includes entries like KAIM Kayak Island, CRMB Old Mammoth Mt, YUK3 Moose Creek, etc.

1386

Table with columns for ID, Name, Date, Time, and Status. Includes entries like M22K Willow, Q19K Cape Douglas, J26L Joseph Creek, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Weight, Elevation Weight, Azimuth Status, Elevation Status, Azimuth Flag, Elevation Flag, Azimuth Comment, Elevation Comment.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Weight, Elevation Weight, Azimuth Status, Elevation Status, Azimuth Flag, Elevation Flag, Azimuth Comment, Elevation Comment.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Weight, Elevation Weight, Azimuth Status, Elevation Status, Azimuth Flag, Elevation Flag, Azimuth Comment, Elevation Comment.

22d 13h

Table with columns: KK31, Karatay Array, 5.44 351 P, Pn, 13 38 53.6 0.0, etc.

IDC 22 13:42:13.8:1.3, 49°15'N, 129°18'W, h0km, mb3.9/5, s-maj=4.0/13, ML4, 1/5, MS3.6/16, Error ellipse: s-maj=24.5km, s-min=13.0km az=57.0

PGC 22 13:42:14.0:0.7, 49°01'N, 129°83'W, h10km, mb4.3, ML, SN3.6/37, Mw4.2/37, 255km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region

NEIC 22 13:42:19.1:1.8, 49°30'N, 129°22'W, h10km, 2km, mb4.3/16, Error ellipse: s-maj=16.2km s-min=10.3km az=240.0

ISC 22 13:42:16.7:2.1, 49°25'N, 129°36'W, h0.05, h4km±13km, m509, s121/493, mb4.3/18, MS3.7/7, Vancouver Island region

Main table for 22d 13h with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

2018 OCT

Main table for 2018 OCT with columns: I04A, Tendon Farm, 7.26 136, Pn, Pn, 13 44 04.6 +1.1, etc.

1388

Main table for 1388 with columns: M27K, Edge Creek, AK, 14.86 337 P, Pn, 13 45 48.2 +0.8, etc.

Table with columns: SKT, HDA, G31M, G31M, G31M, MCK, O19K, Q17K, R17L, P18K, G30M, G30M, E19L, ILAR, H27K, H27K, TRF, O18K, G29M, G29M, G29M, CCB, M20K, PFO, N19K, TPFO, F31M, F31M, PRP, N23A, N23A, COLA, Q16K, PPLA, POKR, P17K, NEA2, R16K, F30M, F30M, G27K, G27K, CAST, CAST, M19K, CHGN, BPAW, N18K, N18K, L20K, H25L, O17K, I23K, I23K, L19K, L19K, F28M, F28M, F28M, CHUM, G26K, G26K, INK, INK, INK, INK, M18K, H24K, H24K, CHNA, N17K, MLY, S14K, O16K, G25K, G25K, E29M, E29M, E29M, G24K, G24K, M17K, S22A

Table with columns: L18K, L18K, F26K, F26K, E27K, E27K, KUKM, J20K, TTA, E28M, E28M, E28M, Q24A, Q24A, N16K, F25K, F25K, F25K, O15K, H22K, H22K, C36M, C36M, M16K, J19K, J19K, G23K, I20K, I20K, H21K, H21K, X18A, J18K, J18K, J18K, L17K, L17K, F24K, F24K, E25K, E25K, E25K, D28M, D28M, SDCO, S12K, K17K, K17K, K17K, D27M, D27M, D27M, COLD, COLD, COLD, L16K, G22K, H20K, M15K, E24K, E24K, G21K, GCSA, N14K, E23K, E23K, J17K, ULM, ULM, ULM, ULM, C27K, C27K, C27K, H19K, F22K, M14K, M14K, T25A, T25A, D25K, D25K, F21K, F21K, L15K, TOLK, TOLK, TOLK, TUC, E22K, E22K, J16K, K15K, C26K, C26K, H18K, ANMO, ANMO

Table with columns: ANMO, ANMO, G19K, L14K, M13K, F20K, D23K, H17K, FCC, D22K, E21K, F19K, A36M, A36M, A36M, EPLD, ECSD, 121A, 121A, E20K, H16K, K13K, C21K, M11K, SOLO, ATKO, PKLO, AMTX, AMTX, EYMN, TBO, VHRN, ODSA, SN07, WMOK, WMOK, P38A, TXAR, SADO, S51A, SHEM, FRB, TKL, SCHG, BOHO, H11N2, H11N3, H11N1, KURBB, MKAR, SNAA

IDC 22 13:43:48.5,2.9,49.09N;129.44W,h0km,mb3.9/3, mbmp3.77,ML3.6/3,Error ellipse: s-maj=55.0km s-min=19.9km az=67.0

ISC 24 13:43:50.5,1.7,49.29N;129.44W,0.2,h7km,n11, ISC 24 13:44:09.0,mb3.7/3,Vancouver Island region

Table with columns: Code, Station Name, A^s, AZ^z, Phase ID, Time, Res, ISC, h, m, s, ISC

NORS 22 13:56:41.9,42.42N;-45.33E,h4km,MPVA4.0 MOS 22 13:56:41.3,42.48N;-45.38E,h21km,MPVA4.0,3C-5D, Eastern Caucasus

Table with columns: Code, Station Name, A^s, AZ^z, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes entries for LACR Lac, NCRH NEPTUNE Canada, KEMP NEPTUNE Canada, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes entries for NCBC Gold River, GDR Newcastle Ridg, NCRB Newcastle Ridg, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes entries for PINN Pinnacle, YUK6 Outpost Mounta, YUK6 Outpost Mounta, etc.

IDC 22 13:59:55.7-0.6, 49.12N-130.04W, h0km, mb4.1/18, mbtmp4.1/28, ML3.6/9, MS4.1/64, Error ellipse: s-maj=17.9km s-min=9.8km az=42.0

PGC 22 13:59:55.7-0.4, 48.97N-129.91W, h10km, mb4.6, ML3.8/36, Mw4.4/36, 262km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region

GCMT 22 13:59:58.7-0.3, 49.00N-0.02-130.05W, 0.03, h12km, Mw4.8/93, Moment Tensor Solution, s10, c10, s93, c124, Duration: 0 Moment tensor: Scale 10^19Nm, Mw0.97z=0.9, Mw=2.2z=0.7, Mw=1.2z=0.7, Mw=0.3z=2.3, Mw=1.0z=0.7, Mw=0.4z=2.3, Best double couple, M2=2.1400x10^16 Np1=245.00000, s72.00000, j25.00000, NP2=0.147.00000, s67.00000, j160.00000, Principal axes: T 1.8740, P1g30.0000, Azm107.0000, N 0.6820, P1g60.0000, Azm280.0000, P -2.5530, P1g3.0000, Azm16.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s, Triangular moment-rate function

NEIC 22 14:00:00.7-1.6, 49.31N-0.06-129.5W, 0.1, h10km, 1km, mb4.6/237 Error ellipse: s-maj=16.7km s-min=6.8km az=241.0

ISC 22 13:59:56.2-2.7, 49.07N-0.05-129.75W, 0.05, h3km, 17km, mb11.1, c150/451, mb4.6/55, MS4.1/57, Vancouver Island region

Code Station Name Az Phase Time Res. Includes entries for NCHR NEPTUNE Canada, KEMP NEPTUNE Canada, ODP1027, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like CNMP China Pot, Q20K Shuyai Island, PAX Paxson, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like PFO Pinyon Flats O, TPFO Pin Flats, CCB Clear Creek Bu, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like E28M Babbage River, KUKM Kuglukluk,NWT, F25K Christian River, etc.

22d 14h

Table with columns: ANMO, LR, LR, 14 13 44.0, and various station names like AGM, F20K, D23K, etc.

2018 OCT

Table with columns: NRK, LR, LR, 14 36 33.6, and various station names like KLR, ARCES, USRK, etc.

1392

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, and various station names like GUYB, SNIRB, etc.

1393

Table with columns: Station Name, Comp, Az, El, P, S, Time, Res. Includes stations like CARN Rivas, COLC Colonia, ARIN Rivas, etc.

2018 OCT

Table with columns: Station Name, Comp, Az, El, P, S, Time, Res. Includes stations like LCND La Caada, BLLM Bellanara, RANC El Ranchito, etc.

22d 14h

Table with columns: Station Name, Comp, Az, El, P, S, Time, Res. Includes stations like LPAZ La Paz, SADO Sadowa, SPMM Marine St, etc.

Station Name, Az, El, P, S, Time, Res. Includes station names like PALK, CMAR, KAPI, etc.

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like PALK Palleke, CMAR Chiang Mai Arr, KAPI Kappan, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like PAMC La Rusia, RUSC La Rusia, RUSC La Rusia, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, etc. Includes stations like BBB Bella Bella, BBB Bella Bella, JEDB Jedway, Haida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SUA Susitna One, KNB Kanab, J17K VABM Dome, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NIL Nilore, KBK Karagaybulak, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, BVAR baz=170,slow=19, BRVK Borovoye, etc.

Table containing station data with columns for station name, elevation, latitude/longitude, and various parameters like SNR and time. Includes stations such as MNK, MNNK, MNSK, etc.

ICD 22 15:10:03.0-0.8, 30.131N-87.62E, h0km, mb3.9/11, mbmp3.9/13, ML3.8/2, MS3.2/5, Error ellipse: s-maj=26.7km s-min=17.7km az=48.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA, NIL, HYB, CMAR.

Table containing station data with columns for station name, elevation, latitude/longitude, and various parameters. Includes stations such as ARSB, BTk, MKAR, SIMJ, SONM, ZALV, ARTI, KRSR, JOW, BRTR, FINES, MA2, ARCES, HFS, WB0, WRA, WRAB, NWAO, ASAR, F17K, E19K, F20K, K20K, BMAR, ILAR, G31M, TORD, CPUP.

NOU 22 15:21:03.8, 16.37S-167.35E, h0km, mb4.1/9, Vanuatu Islands, Vanuatu Islands

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLAKA, YATNC, DZM, ONTNC, PINNC.

ICD 22 15:21:42.0-2.0, 37.46N-144.06E, h0km, mb3.8/5, mbmp3.9/7, ML3.3/2, Error ellipse: s-maj=53.0km s-min=23.1km az=69.0

NEIC 22 15:21:42.0-1.2, 37.80N-108.143-9.0E-0.1, h10km, 1km, mb4.5/10, Error ellipse: s-maj=19.1km s-min=11.5km az=121.0

JMA 22 15:21:43.9-0.2, 37.9N-0.8-14.4E, h46km, MV3.5/26, FAR E OFF MIYAGI PREF

NIED 22 15:21:43.9, 37.94N-143.76E, h46km, MW3.6, Moment Tensor Solution, s3 Moment tensor, Scale 10^14Nm; Min-1.74; M1=0.20; M2=1.54; M3=1.73; M4=0.58; M5=1.30;

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKH, JIO, JKMT, JOFU, JMK, JMM, JOH, JOM, JOT, JYK, JANG, JTM, JAG, ERM, JRY, JSY, MJAR.

ICD 22 15:21:44.7-1.0, 37.86N-106.143-83E-0.08, h35km, n40, s144/46, mb4.4/11, Off east coast of Honshu

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAJO, AJSAJ, JMN, YSS, ZALV, D19K, MKAR, G23K, GHO.

Table containing station data with columns for station name, elevation, latitude/longitude, and various parameters. Includes stations such as KURBB, SCM, MAYO, WBO, WRO, WRAB, WB2, WRA, ASAR.

NOU 22 15:31:56.4, 22.44S-170.66E, h0km, mb4.2/6, Southeast of Loyalty Island, Southeast of Loyalty Island

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PINNC, YATNC, DZM, WOLC, KOUNC.

DJA 22 15:42:02.9-1.0, 11.9S-4x10.9E, h32km, 17km, M4.1/14, mb4.3/6, mB5.0/1, MLV4.0/14, Mw(MB)4.3/1, South of Jawa

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UGM, YOGI, CMJI, PCJI, KPJI, PWJI, SMRI, CNJI, BLJI, JAGI, ABJI, SRBI, PLAI.

NEIC 22 15:48:04.9-1.6, 24.48S-0.10-179.9W-0.2, h512km, 11km, mb4-21.8, Error ellipse: s-maj=21.7km s-min=13.9km az=99.0

ICD 22 15:48:05.2-3.6, 24.48S-179.83E, h495km, 36km, mb3.0/5, mbmp3.9/5, Error ellipse: s-maj=40.9km s-min=25.3km az=18.0

ISC 22 15:48:06.0-0.7, 24.43S-0.10-180.0E-0.1, h517km, n30, s131/31, mb4.0/13, South of Fiji Islands

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, DZM, AF1, BKZ, BFZ.

MRZ Mangatainai Rf 16.59 192 P I Amb I Amb 15 51 29.9 -2.2

PLWZ Palisser 17.53 192 P S 15 51 40.5 -0.6

STKA Stephens Creek 34.48 249 P P 15 54 10.8 +0.2

BBOO Buckleboe 39.20 247 P P 15 54 48.4 -1.0

AS31 Alice Springs 41.91 261 P P 15 55 10.2 -0.9

WRO Warramunga Arr 42.14 267 P I Amb I Amb 15 55 12.2 -0.8

WB2 Warramunga Arr 42.32 267 P I Amb I Amb 15 55 13.8 -0.6

WBAB Tennant Creek 42.32 267 P I Amb I Amb 15 55 43.1 -0.8

WBO Warramunga Arr 42.32 267 P I Amb I Amb 15 55 14.7 -0.7

WRA Warramunga Arr 42.33 267 P ScP 16 00 00.1 +3.9

FORT Forrest 46.08 250 P P 15 55 42.2 -1.2

KNRA Kununurra 48.64 270 P I Amb I Amb 15 56 02.6 -0.2

BEA Belgrano 2 75.92 173 P P 15 58 58.2 -0.6

TXAR Lajitas Arr 90.75 58 P P 16 00 16.6 +2.6

NEIC 22 16:07:48.5, 1.77S-120.38E, h22km, Moment Tensor Solution, Duration: 180 Moment tensor: Scale 10^18Nm;

22d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA, JNU, RK1H, LYN, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like GOMU, GTA, GYA, etc.

1398

Table with columns for station name, frequency, power, and other technical details. Includes stations like DGZ, MK31, MKAR, etc.

22d 16h

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 YJNG, LIOB, SBCB, NSTT, HSN, HWT, WHF, TDCB, LXIB, YOJ, ETM, TEYL, NJN, SHUL, WHP, ESL, NMLH, OWD, NSY, TWQ1, WARBT, WCS, DPDB, WDJ, WDJ, TCU, YCH, TYC, SSSLB, WWF, HGS, EHYH, WNT, WJS, WJS, WHYT, YULB, YULB, TW1, IRIF, ALS, CHKH, CHN5, WGS, WGS, WFK, FULB, FULB, WDLH, WDLH, EHD, ELDT, WTK, WTK, ECKS, WCKO, JKRS, EDH, EDH, CHN4, CHN4, CHY.

2018 OCT

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 TPUB, TPUB, JJJ, STYH, STYH, WSF, WTP, LONT, WSL, TWK, JISG, SNST, CHN1, CHN1, ICHU, SGST, SGST, LDUT, LDUT, CHN8, SLGT, MABT, SCST, ECL, TSMG, MASBT, MASBT, PNG, PNG, PHUB, PHUB, PTMZ, XPSD, SCZT, SLIU, SLIU, LYUB, VCHM, VCHM, MHZO, MHZO. Includes NEIC 22 16:13:12.4, 1.2, 1.74S:0.06:120.20E:0.09, h10km, 1km, mb4.7/33, Error ellipse: s-maj=14.8km s-min=10.5km. Includes DJA 22 16:13:14.2, 0.7, 2.2'S:2.12'E, h11km, 5km, M4.8/23, mb4.8/8, MLV4.9/23. Includes IDC 22 16:13:17.1, 3.2, 1.65S:120.29E, h51km, 32km, mb4.0/14, mbmt4.3/15, ML4.5/1, MS4.3/1, Error ellipse: s-maj=28.0km s-min=13.7km az=67.0. Includes ISC 22 16:13:16.1, 0.5, 1.66S:0.04:120.16E:0.05, h35km, n78, c1939/76, mb4.6/34, Sulawesi.

1400

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 CMAR, CHTO, CHTO, STKA, CMTA, KRSR, ARPS, MJAR, YNG, CAN, USKR, ULN, ULN, SONM, WUS, MK31, MK31, MKAR, MKAR, NRR, MAKZ, MAKZ, BOOM, KBL, AAK, ARSB, GAR, BTK, BTK, ZAAO, ZALV, ZALV, KKAR, KKAR, KURBB, KURBB, KURK, YAK, BVAR, ABKAR, GURO, GSPA, BRTR, PPT, UCR 22 16:13:27.9, 1.2, 10.41N:86.35W, h0km, 17km, MW3.9, CATAC 22 16:13:28.5, 1.1, 10.32N:86.33W, h5km, 6km, ML3.5, ISC 22 16:13:28.7, 2.3, 10.38N:0.07:86.30W:0.10, h1km, 13km, n23, c9778/30, Off coast of Costa Rica. Includes Code, 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 SACU, ELI1, ELI1, CMARA, LCRUZ, LCRUZ, GPSZ, VRL, VOR1, CARN, CARN, COLC, CUI, JAPAN, JAPAN, OMEN, OMEN, MORN, MORN, MORN, JTS, CONN, CONN, NADN, NADN, NANN, NANN, CEDE, SABN, SABN, SOCE, SOCE, SOCE, ACON, ACON, ACON.

Table with columns: ESAO, Su ao, 0.29 210 eP, Pb, 16 14 32.4 -0.7, etc.

Code Station Name Az AZ Phase ID

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

PGC 22:16:26:57.6:0.4, 48:82N:129:37W, h10km, ML,SN4,5/41, Mw5.1/41, 252km southwest of Pt. Hardy, Bc Vancouver Island, Canada Ridge

BUJ 22:16:26:57.0:0.49:00N:129:10W, h10km, mb4,3/27, mB5.0/11, Ms5.1/12, Ms7.4/8/15

2018 OCT 22 16:26:58.4:0.5, 49:00N:129:22W, h0km, mb4,3/22, mbmp4,3/29, ML4.5/7, MS4.4/6/8, Error ellipse: s-maj=14.1km s-min=8.6km az=49.0

MOS 22:16:26:58.7:1.1, 49:00N:129:18W, h11km, mb4,9/28, Error ellipse: s-maj=11.6km s-min=5.4km az=113.2

NEIC 22:16:27:00.9, 49:07N:129:00W, h16km, Error ellipse: s-maj=14.0km s-min=8.0km az=128.99WA:0.10, h10km, 1km, mb5.1/43/6, Mw5.2/6/0, Error ellipse: s-maj=12.0km s-min=8.9km az=230.0

NEIC 22:16:27:00.9, 48:97N:129:15W, h16km, Moment Tensor Solution. Duration: 260 Moment tensor: Scale 10^16Nm; Mn-1.19; Mw-6.42; Ms-7.61; Mw-1.43; Mw-3.61; Mo-0.78; Fault plane solution: Ms8.070000x10^16 NP1: 0.121, 8.40000, 8.86, 8.80000, -1.67, 7.10000, -NP2: 0.121, 8.40000, 8.86, 8.80000, -1.67, 7.10000, Principal axes: T 8.6039, Plg6.0000, Azm256.0000; N -1.0770, Plg77.0000, Azm136.0000; P -7.5269, Plg11.0000; Azm347.0000

GCMT 22:16:27:01.9, 48:89N:0:01:129:29WA:0.01, h20km, 1km, Mw5.3/143, Moment Tensor Solution. s86, c125: s143, c241; Duration: 151 Moment tensor: Scale 10^17 Nm; Mn-0.01+/-0.02; Mw-0.89+/-0.02; Ms-0.88+/-0.02; Mo-0.02+/-0.03; Mw-0.48+/-0.02; Mw-0.03+/-0.03; Best double couple: Mo.011000+/-0.121 NP1: 0.121, 8.40000, 8.86, 8.80000, -1.67, 7.10000, -NP2: 0.121, 8.40000, 8.86, 8.80000, -1.67, 7.10000; Principal axes: T 1.0070, Plg1.0000, Azm76.0000; N 0.0080, Plg88.0000, Azm206.0000; P -1.0140, Plg2.0000, Azm346.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 22:16:27:02.0:1.1, 48:96N:0:04:129:31W:0:04, h23km, 7km, nB80, r1839/658, mb5.1/202, MS4.6/1, 15C-12D, Vancouver Island region

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

Table with columns: OSD, Olympics-Snow, 3.79 106 Pn, Pn, 16 27 56.9 -2.2, etc.

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

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

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

Table with columns: N31M, Braeburn, Yuko, 13.10 346 P, Pn, 16 30 09.4 +2.9, etc.

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

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

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

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

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

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

Table with columns: RES, Resolute Bay, 29.56 18 P, P, 16 33 04.8 +0.5, 16 33 04.7 +0.3. Rows include Cedar Bluff, Redstone River, Ikliklik River, etc.

Table with columns: RES, Resolute Bay, 29.56 18 P, P, 16 33 04.8 +0.5, 16 33 04.7 +0.3. Rows include Mt. Pleasant, Mount Ida, Jarrell, etc.

Table with columns: BIRD, Birdtown, Kers, 38.33 93 Iamb, Iamb, 16 34 22.8, 16 34 25.5, etc. Rows include Gilead, Windy Hill, West Chester, etc.

22d 16h

Table with 4 columns: Code, Station Name, Azimuth, Phase ID. Rows include stations like PCRV Puerto La Cruz, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

2018 OCT

Table with 4 columns: Code, Station Name, Azimuth, Phase ID. Rows include stations like SQT Sankt Quirin, WATA Walderalf, WTTA Wattenberg, etc.

1404

Table with 4 columns: Code, Station Name, Azimuth, Phase ID. Rows include stations like LIFNC LIFOU, PINNC Pines Island, YATNC Mammie plateau, etc.

PGC 22 16:43:04.7.0.3.48:34N:129:41W, h10km, MLSN2/9/26, Mw5.2/6.252km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with 4 columns: Code, Station Name, Azimuth, Phase ID. Rows include stations like NCHR NEPTUNE Canada, NCHRF NEPTUNE Canada, KEMF NEPTUNE Canada, etc.

DMN 22 16:49:27.4.0.3.1:19N:88:15E, h10km, M4.7/4, Error ellipse: s-maj=7.5km s-min=5.4km az=8.0

Table with 4 columns: Code, Station Name, Azimuth, Phase ID. Rows include stations like DMC 22 16:49:32.0.5.30:23N:87:64E, h0km, mb4.3/26, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like GUN Gumba, JIRN Jiri, TAPN Talejung, etc.

Table with columns: KMI, Kunming, Frequency, Polarization, and other parameters. Includes stations like KMI Kunming, SHLS Shalkode, UZB Uzynbulak, etc.

Table with columns: PBA, Port Blair, DGZ, Jazator, Alta, BTO, Baotou, etc. Includes stations like PBA Port Blair, DGZ Jazator, BTO Baotou, etc.

22d 17h

Table with columns for station name, frequency, and various signal quality metrics (pP, sP, SS, S, etc.). Includes stations like XLT, LHM, WSAR, AB31, etc.

2018 OCT

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like MJAR, BNN, MOS, OBN, etc.

1406

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like KMBO, NC405, NOA, GEC2, etc.

Technical notes and data for station IDs: IDC 22 17:05:52.3.0.6, 18:12:56:06E, h0km, mb4.0/19, mbmp4.0/19, MS3.9/29, Error ellipse: s-maj=20.1km s-min=15.9km az=94.0, NEIC 22 17:05:53.4.2.1, 18:05:00:04:64:9E:01, h10km, 1km, mb4.6/38, Error ellipse: s-maj=16.5km s-min=5.8km az=79.0, GCMT 22 17:05:56.4.0.4.18:27S:0:05:65:00E:0:04, h17km, 2km, MW4.9/74, Moment Tensor Solution, s,c11; s74,c95; Duration: 0 Moment tensor: Scale 10^16N; Mr=1.79; 25; Mw=0.60; 14; Mo=1.19; 16; Me=1.77; 48; Mo=0.57; 07; M2: 0.03; 47; Best double couple: M3: 16500; 10; M4: 151; 41; 00000; 874; 00000; 1; -94; 00000; NP2: 0; 333; 00000; 816; 00000; 1; -78; 00000; Principal axes: T 3.0260, P1g29.0000, Azm233.0000, N 0.2770, P1g3.0000, Azm142.0000; P -3.3030, P1g61.0000; Azm45.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. ISC 22 17:05:53.2.0.4.18:01S:0:08:64:95E:0:10, h10km, n93, 135/64, mb4.4/33, MS4.0/30, 3C, Mauritius-Reunion region. Code Station Name Delta A Z Phase ID Time Res h m s ISC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H08S2, H08S3, M5EY, PALK, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MT01, CO01, CO01, etc.

Technical notes and coordinates for station IDs, including 'IDC 22 17:19:17.7... 0.36', 'Bul 22 17:19:18.6...', 'MOS 22 17:19:18.2...', 'NEIC 22 17:19:52.1...', 'NVC 22 17:19:26.5...', 'ISC 22 17:19:17.0...'.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like KBL, KBL, CHGR, CHGR, etc.

22d 17h

Table of seismic data for stations 22d and 17h. Columns include station name, coordinates, time, magnitude, and quality indicators.

2018 OCT

Table of seismic data for stations in 2018 OCT. Columns include station name, coordinates, time, magnitude, and quality indicators.

1408

Table of seismic data for stations in 1408. Columns include station name, coordinates, time, magnitude, and quality indicators.

Table with columns: TXAR, Lajitas Array, 28.05 126 P, P, 17 49 16.1 +0.6, 0.2nm, 0.3s, baz=302, slow=5.2, SNR=2.0

IDC 22 17:43:50.3±1.2, 30.07N-87.34E, h0km, mb3.4/8, mbtmp3.4/10, ML3.4/2, Error ellipse: s-maj=34.8km s-min=20.2km az=61.0

ISC 22 17:43:55.6±1.1, 30.10N-87.47E±0.2, h35km, n10, o547/10, mb3/8, Xizang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res

PGC 22 17:46:13.6±0.3, 48.80N-129.24W, h10km, MLsn3.1/31, Mw3.7/31, 245km west of Tofino, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res

Table with columns: WPB, Watts Point, 4.04 75 Pn, Pn, 17 47 16.0 +0.4, BUTB, Butedale, 4.30 6 Pn, Pn, 17 47 19.2 0.0

JMA 22 18:02:07.1±0.1, 25°N, 122°E±0.5, h26km, MV1.8/10, NW OFF ISHIGAKIJIMA IS

TAP 22 18:02:06.2, 24.73N-122.42E, h15km, ML2.7, 1C, C, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res

TAP 22 18:02:08.7, 24.83N-122.02E, h7km, ML2.0, 4C, C, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res

Table with columns: YM01, baz=306, S, Sb, 18 02 26.8 -1.2, YM08, YM08, 0.53 313 P, P, 18 02 20.0 -0.4, YM08, baz=301, eS, Sb, 18 02 27.2 -1.1

22d 19h

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like KAN13, WMOK, BLOK, SMWD, FNO, etc.

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

IDC 22 18:44:29.1, 2.8, 28.77N, 81.63E, h0km, mb3.6/4, mtbpm3.5/5, ML3.1/1, MS4.0/1, Error ellipse: s-maj=87.4km s-min=24.2km az=63.0, Nepal-India border region

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

ATH 22 19:02:09.4, 38.64N, 24.44E, h9km, 2km, ML3.0/5, Error ellipse: s-maj=2.2km s-min=0.9km az=294.0

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

2018 OCT

Main table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like AOS, AOS2, AOS3, AOS4, etc.

1410

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like LTZ, HNR, JCZ, etc.

Table with columns: SANI, SANANA, 56.63, 283, P, P, 19 15 37.4, -0.5, etc.

Table with columns: K20K, Telida, 87.53, 11, Iamb, Iamb, 19 18 36.4, etc.

Table with columns: TESH, Tecani, 147.80, 325, P, PKPbc, 19 25 29.4, +0.7, etc.

22d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETA Feichten, FUORN Ofenpas-Fuorn, FNA Florina, etc.

TAP 22 19:30:11.6, 24:80N, 121:79E, h85km, ML1.9, B, Taiwan

Main table for TAP 22 19:30:11.6, 24:80N, 121:79E, h85km, ML1.9, B, Taiwan. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like TWE Neicheng, TIPB Shuangxi, FUSB Fushanzhiwuyua, etc.

JMA 22 19:30:19.1, 0.2, 24:3N, 105:123.8E, 0.6, h9km, 2km, MVU0.1/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table for JMA 22 19:30:19.1, 0.2, 24:3N, 105:123.8E, 0.6, h9km, 2km, MVU0.1/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 22 19:39:10.9, 3.4, 9:35S, 117:08E, h81km, 29km, mb3.6/5, mbtmp3.9/8, MS2.6/2, Error ellipse: s-maj=31.4km s-min=12.2km az=60.0

DJA 22 19:39:11.3, 0.9, 10:51S, 121:17E, h34km, 15km, M4.5/24, mb4.5/18, mb5.1/7, MLV4.5/24, Mw(mb)4.4/7

ISC 22 19:39:12.1, 0.6, 9:38S, 106:117E, 0.04, h87km, n62, a173/66, mb3.9/6, Sumbawa region

Table for IDC 22 19:39:10.9, 3.4, 9:35S, 117:08E, h81km, 29km, mb3.6/5, mbtmp3.9/8, MS2.6/2, Error ellipse: s-maj=31.4km s-min=12.2km az=60.0. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

2018 OCT

Main table for 2018 OCT. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like BLJI Banyuglugur, BSSI Bau Bau, Buton, BKSI Bulukumba, etc.

UCR 22 19:47:30.9, 0.9, 8:70N, 82:78W, h24km, 2km, MW3.9 UPA 22 19:47:31.1, 0.4, 8:70N, 82:76W, h19km, 1km, MD4.1, ML4.4

CATAC 22 19:47:31.5, 0.3, 8:74N, 82:87W, h9km, 2km, ML3.5 ISC 22 19:47:29.1, 0.0, 8:69N, 82:81W, 0.03, h21km, 1km, n35, 0.86/53, 4C-30, Panama-Costa Rica border region

Main table for 2018 OCT (continued). Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like CDITO Canoas, BRU2 Volcan, PIRO Carate, Puerto Buenos Aires, etc.

1412

Table for 1412. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like LCR2 La Lucha 2, ABE2 San Pablo, CVTV Tajo, etc.

IDC 22 21:15:39.8, 6.3, 30:71S, 179:42W, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=249.6km s-min=59.8km az=157.0, Kermadec Islands region

Table for IDC 22 21:15:39.8, 6.3, 30:71S, 179:42W, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=249.6km s-min=59.8km az=157.0, Kermadec Islands region. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 22 21:37:23.7, 0.4, 44:12N, 82:54E, h0km, mb4.5/29, mbtmp4.5/37, ML4.2/8, MS3.7/28, Error ellipse: s-maj=9.7km s-min=7.5km az=71.0

SOME 22 21:37:23.5, 44:07N, 82:35E, h0km, MS4.0 MOS 22 21:37:24.3, 0.9, 44:20N, 82:57E, h9km, mb5.0/50, Error ellipse: s-maj=4.2km s-min=3.7km az=12.0

BUI 22 21:37:24.9, 44:19N, 82:54E, h7km, mb4.7/54, mb4.6/22, ML4.7/10, Ms4.2/51, Ms7.0/40

NEIC 22 21:37:26.3, 1.3, 44:20N, 0:06, 82:59E, 0:09, h10km, 1km, mb5.1/198, Error ellipse: s-maj=11.4km s-min=9.4km az=118.0

NNC 22 21:37:27.3, 1.3, 44:27N, 82:29E, h0km, mb5.3, mpv5.0, Error ellipse: s-maj=13.4km s-min=4.9km az=129.0

ISC 22 21:37:26.7, 0.6, 44:22N, 0:02, 82:58E, 0:02, h14km, 3km, n884, a191/891, mb5.0/203, MS3.8/42, 55C-35D, Northern Xinjiang

Main table for 1412. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like DJR Jarkent, PDGK Podgornoye, SHLS Shalkode, etc.

Table with columns: QJC, Ojcow, 41.94 301, P, P, 21 45 16.5 -0.2, etc. Lists various locations and their corresponding data points.

Table with columns: BILL, WTTA, WATA, TIP, PETK, SOTA, MOTA, RETA, CUC, CUC, CTI, CTI, CTI, FETA, FDMA, NRCA, DAVA, FUORN, SBUJ, DAVOX, BFO, BFO, BFO, TUE, TUE, ECH, ECH, ECH, MSA, MSA, VAE, RAFF, STKI, LPL, LPL, BNI, BNI, BNI, EKA, SSF, SSF, SSB, SSB, SSB, CAC, CAC, KEST, LFF, LFF, CESE, CESE, A19K, C16K, B18K, A21K, C17K, GAMB, TNA, A22K, C18K, C19K, D17K, C19K, C19K, B20K, F14K, B22K, B22K, E17K, F15K, D19K, D19K, E18K, E18K, B21K, D20K, ANM, C21K, F17K, G15K, E20K, BKS, G16K, G16K, F18K, C23K, C23K, E19K, E19K, E19K, E21K, E21K, D22K, D22K, D22K. Lists various locations and their corresponding data points.

Table with columns: F19K, F19K, F19K, G17K, H16K, H16K, D23K, D23K, KMBO, KMBO, KMBO, G18K, F20K, AMKA, D24K, E22K, E22K, H17K, H17K, H17K, G19K, G19K, G19K, TOLK, TOLK, TOLK, C26K, F21K, F21K, J14K, H18K, H18K, D25K, D25K, F22K, K13K, H17K, E23K, E23K, E23K, H19K, H19K, C27K, G21K, ESDC, ESDC, ESDC, E24K, E24K, M11K, J16K, G22K, GCSA, IMAR, COLD, H20K, PBRG, K15K, J17K, F24K, F24K, E25K, G23K, L14K, D27M, H21K, H21K, A36M, L15K, I20K, H22K, MVO, MVO, F25K, F25K, F25K, M13K, P08K, J19K, J19K, J18K, J18K, K17K, K17K, PGAV, F26K, F26K, I21K, G24K, G24K. Lists various locations and their corresponding data points.

22d 21h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like G24K Hadweencz Riv, M14K Bethel, BMAR Burnt Mountain, etc.

2018 OCT

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like I26K Coal Creek Min, I26K Coal Creek Min, J25K Salcha River, etc.

1416

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KLU Klutina, KLU Klutina, M26K Nabesna, AK, SEW Seward, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Pmin, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, COEN Coen, etc.

IDC 22:15:55.53.2.1.6.21.01S:169.29E,h0km,mb3.6/3, mbmp3.6/4,ML3.7/1,MS3.2/2,Error ellipse: s-maj=57.6km s-min=29.5km

NOU 22:15:55.59.4.21.94S:169.12E,h0km,MLV3.3/6,Southeast of Loyalty Islands

ISC 22:15:55.54.6.1.9.21.01S:169.8E,0.2,h3km,m20, o=72/18,mb3.6/3,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MARNC Mare, LOUOU Port Laguerre, ASAR Alice Springs, etc.

IDC 22:15:06.0.2.7.31.102S:69.38W,h99km,25km,mb3.5/1, mbmp3.8/6,Error ellipse: s-maj=55.1km s-min=21.4km az=100.0

SJA 22:15:07.8.0.8.31.105S:68.94W,h109km,2km,ML3.6, MW3.7

ISC 22:15:08.3.0.8.31.135S:0.03:68.95W,0.03,h113km,5km,n42,o=94/70,3C,San Juan Province

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DOCA Reserva Natura, RTLL Cerro Villicu, Zonda, SJA San Juan, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Pmin, Time, Res, ISC. Includes stations like CO01 Juntas del Tor, CO03 El Pedregal, CO03 Cerro Arco, etc.

IDC 22:22:25.12.0.1.7.14.23S:166.43E,h0km,mb3.5/3, mbmp3.6/4,ML3.6/1,MS3.2/1,Error ellipse: s-maj=53.7km s-min=32.5km az=126.0,Vanuatu Islands

IDC 22:22:25.42.9.1.7.20.64S:68.69W,h112km,12km,mb3.7/6, mbmp4.1/9,Error ellipse: s-maj=34.2km s-min=12.7km az=112.0

ISC 22:22:25.40.4.0.6.20.52S:0.03:69.03W,0.05,h100km,6km,n121,o=116/143,mb4.0/6,4C-4D,Northern Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

SJA 22:22:25.39.4.0.6.20.55S:69.11W,h114km,4km,ML4.3, MW1.1

VAO 22:22:25.40.8.0.4.20.48S:68.98W,h100km,mb4.4 GUC 22:22:25.41.7.0.7.20.55S:69.09W,h100km,9km,ML4.1 NEIC 22:22:25.41.2.1.6.20.58S:0.04:69.06W,0.06,h96km,5km, mb4.2/14,ML4.1(GUC),Error ellipse: s-maj=9.1km s-min=6.0km az=112.0

IDC 22:22:25.42.9.1.7.20.64S:68.69W,h112km,12km,mb3.7/6, mbmp4.1/9,Error ellipse: s-maj=34.2km s-min=12.7km az=112.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PB08 IPOC Station P, HMBC Humberstone, GO01 Chuzmiza, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Pmin, Time, Res, ISC. Includes stations like TA02 Huaiquique, TA02 Punta Patache, PB09 IPOC Station P, etc.

IDC 22:22:25.42.9.1.7.20.64S:68.69W,h112km,12km,mb3.7/6, mbmp4.1/9,Error ellipse: s-maj=34.2km s-min=12.7km az=112.0

IDC 22:22:25.40.4.0.6.20.52S:0.03:69.03W,0.05,h100km,6km,n121,o=116/143,mb4.0/6,4C-4D,Northern Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

IDC 22:22:25.42.9.1.7.20.64S:68.69W,h112km,12km,mb3.7/6, mbmp4.1/9,Error ellipse: s-maj=34.2km s-min=12.7km az=112.0

IDC 22:22:25.40.4.0.6.20.52S:0.03:69.03W,0.05,h100km,6km,n121,o=116/143,mb4.0/6,4C-4D,Northern Chile

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

22d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA, TOR, TORD, EGMT, WRA, MKAR.

TAP 22:22:26:17.6, 24:31:21N, 122:91'E, h40km, ML2, 8, D
JMA 22:22:26:17.7, 0.1, 24:31:21N, 122:91'E, h47km, 1km,
MV2, 6/14, NW Off ISHIGAKIJIMA IS
ISC 22:22:26:17.7, 1.2, 24:29'N, 0104:122:96E:0.02, h44km, 7km,

Main table for 22d 23h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations and their coordinates.

2018 OCT

Table for 2018 OCT section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STYH, TPUB, CHN4, WTP, WOU, CHN1, LYUB, MASBT, MASBT.

IDC 22:22:33:28.3, 4.1, 35:08S, 179:08E, h119km, 31km, mb4.2/7,
mbmp4.5/8, Error ellipse: s-maj=36.7km s-min=19.7km,
az=61.0
NOU 22:22:33:29.8, 35:58S, 179:23E, h226km, mb3.8/13, Off E.
Coast of N. Island, N.Z.
WEL 22:22:33:30.6, 0.5, 36:51S, 179:09E, h200km, M3.9/5/4,
mb4.5/12, ML4.7/47, MLV4.4/54, Mw(mB)3.7/12, Error
ellipse: s-maj=9.0km s-min=4.5km az=105.0, confirmed
NEIC 22:22:33:31.0, 1.4, 35:35S, 01:179:4E:0.2, h136km, 7km,
mb4.6/14, Error ellipse: s-maj=21.5km s-min=15.6km
az=111.0
ISC 22:22:33:34.6, 1.0, 35:63S, 007:179:16E:0.07, h182km, 7km,

Main table for 2018 OCT section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations and their coordinates.

1418

Table for 1418 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSWZ, MSWZ, SNZO, MLWZ, GLKZ, TUWZ, QRZ, KHZ, KHZ, CTZ, RPZ, RPZ, RPZ, RPZ, ODZ, ODZ, ODZ, JCY, MLZ, BBOO, BBOO, COEN, COEN, AS31, ASAR, ASAR, WRO, WRO, WRA, WRA, WRA, WRA, FORT, FORT, MTN, KNRA, KNRA, CASY, FITZ, MORW, MORW, MBWA, MBWA, FAKI, QSPA, QSPA, MAW, MAW, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, KSRS, PETK, CMAR, MK31, MKAR, MKAR, MAZK, KURBB, KKAR, BVAR, KBZ, FIA1, FINES, MMAI, BNIC, DBN, CSS, BRTR, BRTR, NOA, AKASO, HFS, TORD.

NEIC 22:23:16:17.9, 1.8, 69:53N, 02:144:13W, 0.05, h10km, 1km,
Error ellipse: s-maj=3.6km s-min=2.8km az=357.0
AEIC 22:23:16:17.5, 2.2, 69:47N, 01:144:11W, 0.04, h11km, 3km,
ML3.6, ML3.7/118(NEIC), Error ellipse: s-maj=2.4km
s-min=1.6km az=146.0
IDC 22:23:16:17.7, 1.1, 69:58N, 143:82W, h0km, mb3.5/5,
mbmp3.6/9, ML3.7/4, MS3.5/3, Error ellipse: s-maj=2.1km
s-min=1.6km az=421.0

Table for 1418 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations and their coordinates.

Table with columns for station ID, name, coordinates, and other details. Includes stations like E25K Arctic Village, E27K Coleen River, F26K Sheenjek River, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like PRP Porcupine Dome, F21K Alatina River, G31M Satah River, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like DHY Denali Highway, G18K Tagagawik, J20K Nowinta River, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like JYNG Yonagunijimaku, YQJ Yonaguni jima, etc.

Technical notes and parameters including station coordinates, antenna details, and observation conditions. Includes text like 'JMA Felt J1 at E OFF IWATE PREF.', 'NIED 22:23:44:18.4, 39.64N, 142.11E, h48km, MW3.6, Moment Tensor Solution...', etc.

FINES FINESSE Array B 66.90 331 P P 00 33 07.3 +0.4
TORO Torodi Ar. Bea 88.26 283 P P 00 35 06.8 -0.2

TAP 23 00:22:36.9, 24:59N, 122:89E, h80km, ML2.9, C
JMA 23 00:22:37.0, 0.2, 25 N, 122:9E, 0.6, h83km, 1km,
MV2, 3/14, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like YONGUNIJIMAKU, YONGUNIJIMA, YONGUNIJIMA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like YULI, BEIGANG ELEMEN, CHENGONG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like ESHA, NINGANCHIAO, SHUL SHOUFENG, etc.

TAP 23 00:23:11.6, 24:06N, 121:50E, h14km, ML1.3, B, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like XIULIN TOWNSHI, CHIAWAN, etc.

TAP 23 00:38:07.8, 34:66N, 46:31E, h10km, 12km, ML2.7

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like HEHUAN SHAN, DATONG, etc.

TEH 23 00:38:08.4, 1.0, 34:70N, 46:31E, h16km, 6km, ML2.8

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like DEHRASH, GHALEGHAZI, etc.

TAP 23 00:46:15.7, 23:96N, 122:13E, h38km, 1km, ML2.8, C

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like SANGUANG, CHEGONG, etc.

TAP 23 00:46:15.7, 23:96N, 122:13E, h38km, 1km, ML2.8, C

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

TAP 23 00:46:15.7, 23:96N, 122:13E, h38km, 1km, ML2.8, C

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

TAP 23 00:46:15.7, 23:96N, 122:13E, h38km, 1km, ML2.8, C

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

Table with columns: WHYT, LIOB, NSTT, EDH, ELDTW, YMO1, ALS, TQW1, CHN5, CHN5, IRIF, HATJ, TPUB, CHN4, WTP, TWK, CHN1, SGST, SJGT, JKRS, JISJ, PHUB, PHUB. Includes station names, codes, and coordinates.

IDC 23 00:59:07.8z, 2.0, 40.40N, 127.24W, h0km, mb3.0/2, mblmp3.2/5, ML3.7/3, MS2.9/4, Error ellipse: s-maj=35.2km s-min=22.5km az=28.0

NCEDC 23 00:59:09.5z, 2.0, 40.25N, 127.27W, 0.1, h3km, 2km, Error ellipse: s-maj=14.7km s-min=10.9km az=240.0

NEIC 23 00:59:11.7z, 1.4, 40.41N, 126.90W, 0.09, h9km, 12km, ML3.0/75, ML3.1/10(NCEDC), Error ellipse: s-maj=11.7km s-min=9.2km az=212.0

ISC 23 00:59:10.1z, 1.7, 40.38N, 127.2W, 0.1, h16km, n91, c078/79, Off coast of northern California

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KCTM, KMPM, JCC, KCRM, KORM, KMRM, KHMM, KRMB, KCPM, KBO, KXSB, GTC, KOMM, KHBM, DCMP, KBNM, LBPM, GSNM, N02Z, HOPS, GROM, LBKM, K02D, GHCM, YBHM, YBHM, YBHM, J01E, HUMO, MNRC, MNRC.

Table with columns: MCCM, DBO, DBO, L04D, L04D, FARB, SUTB, SUTB, SUTB, HATC, HATC, HATC, I02E, I02E, I02E, BKS, K04D, I04A, I04A, BUCK, BUCK, AFDM, AFDM, WENL, COR, COR, J05D, J05D, HEBO, G03D, H04A, SAO, PINE, I05D, B05B, G05A, G05A, PMPB, RADR, F04A, WYOR, I07A, G06A, NVAR, NVAR, J08A, LON, G08A, G08A, G08A, PFO, PDAR, PDAR, ANMO, TXAR, ILAR, ILAR. Includes station names, codes, and coordinates.

FUNV 23 01:06:17.8z, 8.2, 24N, 71.43W, h2km, MW3.5, RSNIC 23 01:06:18.6z, 1.1, 9N, 83.7W, h16km, 12km, M2.5, ML2.1, ISC 23 01:06:16.4z, 1.4, 8.46N, 0.05, 71.47W, 0.03, h0km, 12km, n14, c1840/24, D, Venezuela

Table with columns: SOCV, SDV, SDV, CAPV, CAPV, PAMC, PAMC, OCAC, OCAC, TAMC, TAMC, TEVP, TEVP, RUSC, URUC, BAUV, BAUV, PTBC, PTBC, SJCC, SJCC, BENV, BENV, BENC, BENC. Includes station names, codes, and coordinates.

PRU 23 01:11:13.3z, 50.21N, 19.27E, h0km, Poland

Table with columns: LANS, LANS, MORC, MORC, KRKC, KRKC, VYHS, VYHS, DPC, DPC. Includes station names, codes, and coordinates.

VIE 23 01:13:13.2z, 0.2, 46.52N, 10.57E, h7km, 3km, m1, 1/3, Error ellipse: s-maj=1.3km s-min=0.9km az=15.0

ZUR 23 01:13:13.2z, 46.51N, 10.56E, h7km, 2km, MLh0.7/10, Error ellipse: s-maj=4.79.8km s-min=1355.6km az=84.0

ROM 23 01:13:12.8z, 0.1, 46.507N, 0.009, 10.555E, 0.009, h10km, ML0.7/10, 6C-2D, Error ellipse: s-maj=1.0km s-min=0.5km az=13.0, Northern Italy

Table with columns: MOSE, MOSE, MOSE, MOSE, MOSE, MOSE, CARE, CARE, CARE, CARE, CARE, CARE, BORM, BORM. Includes station names, codes, and coordinates.

Table with columns: BRMO, BRMO, BRMO, BRMO, BRMO, FUORN, FUORN, FUORN, FUORN, FUORN, OZOL, OZOL, OZOL, OZOL, BERNI, BERNI, BERNI, BERNI, MABI, MABI, MABI, MABI, FETA, FETA, DAVOX, DAVOX. Includes station names, codes, and coordinates.

UPA 23 02:04:02.1z, 2.2, 9.31N, 83.64W, h6km, 11km, MD4.0, MW4.3

UCR 23 02:04:03.0z, 0.9, 9.27N, 83.68W, h31km, 1km, MW3.8, ISC 23 02:04:03.8z, 0.9, 9.29N, 0.04, 83.62W, 0.03, h25km, 7km, n41, c1906/52, 2D, Costa Rica

Main table with columns: ZELE, ZELE, BUSE1, BUSE1, BUB1, BUB1, EDBA, EDBA, LLNJ, LLNJ, EDP2, EDP2, LCR2, LCR2, REPA, REPA, TURIB, TURIB, LPLA, LPLA, RVSTA, RVSTA, RAFA, RAFA, TRIO, TRIO, CVTV, CVTV, CVTO, CVTO, VILA, VILA, VITCA, VITCA, CVTR, CVTR, LUJA, LUJA, CORON, CORON, LCOCO, LCOCO, CVMIO, CVMIO, HDC, HDC, BELE, BELE, PIRO, PIRO, PIRO, PIRO, BRU2, BRU2, BRU2, BRU2, CN12, CN12, BCO2, BCO2, PTPM, PTPM, DTD, DTD, DYO, DYO, SOCE, SOCE, ARE1, ARE1, CEDE, CEDE, JTS, JTS, JTS, JTS, CUI, CUI. Includes station names, codes, and coordinates.

NSSP 23 02:32:13.3z, 1.3, 41.13N, 47.83E, h17km, Ms3.2, TIF 23 02:32:14.5z, 40.89N, 48.04E, h20km, 4km

AZER 23 02:32:14.6z, 41.10N, 47.98E, h9km, ml3.1, MOS 23 02:32:16.2z, 41.14N, 47.96E, h9km, ml3.1, ISC 23 02:32:16.8z, 0.8, 41.11N, 47.97E, 0.02, h12km, 5km, n97, c1941/176, 9C-1D, Eastern Caucasus

Main table with columns: XNQ, XNQ, XNQ, XNQ, QBL, QBL, IMI, IMI, AKT, AKT, AKT, AKT, QASR, QASR, QUBA, QUBA, KSMR, KSMR, KSMR, KSMR, PQL, PQL, SEKA, SEKA, SEKA, SEKA, SIZA, SIZA, SIZA, SIZA, KDMR, KDMR, MNGR, MNGR, MNGR, MNGR, ATGJ, ATGJ, ZRD, ZRD, GBS, GBS, DRN, DRN, DRN, DRN, BRDA, BRDA, URKR, URKR, URKR, URKR, ZKTA, ZKTA, VSHL, VSHL, AGDM, AGDM, AGDM, KMKR, KMKR. Includes station names, codes, and coordinates.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KMKR, SAAT, GANJ, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BRVK, VSU, VALR, KRSC, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KOOLE, FRAZ, CHIPN, etc.

1425

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TBH Brigand Hill, CUMV Cumana, UDO, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ETMB Extrema, CZSB Cruzeiro do Su, etc.

23d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SWET, Z47A Carrollton, X48A Hartsele, etc.

23d 3h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like OK048, ABTX, BLOK, KAN13, CROK, etc.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like TPFO, EGMF, R11B, TPNV, DLMT, etc.

1426

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like P32M, N32M, S32K, A36M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHGN Chignik, G16K Koyuk River, N15K Kwethluk River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKI Saint Kitts, SEUS St. Eustatius, SABA Saba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCMP Grenada, Carri, GVOC Richmond Hill, SVTC Saint Vincent, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AP5I Ampama, MP5I Mapaga, LPSI Sidrap Palu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAR Garm, CHGR Chuyangaron, SIMJ Simigan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARB Kabul, NITL Nihilore, ARSB Arslanbob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KKAR Karatay Array, KKAR Karatay Array, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, MAKZ Makanchi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURB Kurchatov Arra, KURB Kurchatov, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AB31 Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRVK Borovoye, AKTO Akto, AKTO Akto, etc.

IDC 23 03:37:07.3e.7, 10.24N-62.58W, h0km, mb3.9/12, mbtmp4.0/13, ML4.4/1, Error ellipse: s-maj=21.7km s-min=20.2km az=14.0

FUNV 23 03:37:11.5, 10.28N-62.24W, h8km, MW4.2, NEIC 23 03:37:11.6, 1.7, 10.13N-62.41W-0.08, h24km, 8km, mb4.6/38, Error ellipse: s-maj=12.0km s-min=10.4km az=137.0

ISC 23 03:37:11.5, 1.1, 10.18N-62.35W-0.03, h31km, 8km, n122, 1560/144, mb4.5/28, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TCE Chachacare, TPP Pointe-a-Pierre, PSQC Port of Spain, etc.

IDC 23 03:37:07.3e.7, 10.24N-62.58W, h0km, mb3.9/12, mbtmp4.0/13, ML4.4/1, Error ellipse: s-maj=21.7km s-min=20.2km az=14.0

FUNV 23 03:37:11.5, 10.28N-62.24W, h8km, MW4.2, NEIC 23 03:37:11.6, 1.7, 10.13N-62.41W-0.08, h24km, 8km, mb4.6/38, Error ellipse: s-maj=12.0km s-min=10.4km az=137.0

ISC 23 03:37:11.5, 1.1, 10.18N-62.35W-0.03, h31km, 8km, n122, 1560/144, mb4.5/28, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK031 S. Brethren Rd, X34A Smith Ranch, I42A Draeger Farm, etc.

IDC 23 03:37:07.3e.7, 10.24N-62.58W, h0km, mb3.9/12, mbtmp4.0/13, ML4.4/1, Error ellipse: s-maj=21.7km s-min=20.2km az=14.0

FUNV 23 03:37:11.5, 10.28N-62.24W, h8km, MW4.2, NEIC 23 03:37:11.6, 1.7, 10.13N-62.41W-0.08, h24km, 8km, mb4.6/38, Error ellipse: s-maj=12.0km s-min=10.4km az=137.0

ISC 23 03:37:11.5, 1.1, 10.18N-62.35W-0.03, h31km, 8km, n122, 1560/144, mb4.5/28, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK031 S. Brethren Rd, X34A Smith Ranch, I42A Draeger Farm, etc.

Table with columns: CAST, Station Name, Time, Az, P, Az, P, Time, Res. Includes stations like Castle Rocks, Satah River, H28M, H31M, BCAR, M27K, WRA, WB2, WR0.

Geological data and station descriptions including IDC 23 04:34:53.0,3,0.3,24:16N,122:69E, h0km, mb5, 1/36, mtbpm5, 1/39, ML4,2,2, MS5,675, Error ellipse: s-maj=14.1km s-min=8.5km az=71.0, BJI 23 04:34:58.7,24:09N,122:65E, h30km, mb5.5/86, mb6, 1/76, ML6.0/10, MS6,0/98, Ms7,6/0/95, JMA 23 04:34:57.0,2,24'N,122:66E, h26km,3km, MD6,1/18, MW5,8/18, NW OFF ISHIGAKIJIMA IS, JMA Felt III J1 at NW OFF ISHIGAKIJIMA IS, NIED 23 04:34:57.7,23:96N,122:60E, h26km, MW5.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^17Nm; M1:4.87; M2:7.25; M3:2.38; M4:3.28; M5:0.36; M6:2.30; Fault plane solution: Mo7,460000*10^17, Np1:ph65.000000*, delta4.000000*, lambda63.000000*, NP2:ph295.000000*, delta3.000000*, lambda133.000000*, MOS 23 04:34:57.2, 1.0,24:21N,122:65E, h33km, mb5, 9/85, MS5,6/54, Error ellipse: s-maj=5.8km s-min=3.6km az=116.3, IPGP 23 04:34:58.0,24:09N,122:62E, h36km, Mw5.8, Fault plane solution: NP1:ph73.000000*, delta5.000000*, lambda74.000000*, NP2:ph287.000000*, delta9.000000*, lambda120.000000*, NEIC 23 04:34:58.7,24:09N,122:62E, h33km, TAP 23 04:34:58.2,24:00N,122:62E, h31km, ML6.1, C, ASIENS 23 04:34:58.2,24:00N,122:62E, h31km, ML6.1, Mw5.8, Moment Tensor Solution. Moment tensor: Scale 10^24Nm; M1:4.88; M2:5.49; M3:0.62; M4:2.37; M5:0.61; M6:2.06; Fault plane solution: Mo6,11546*10^24, NP1:ph74.310000*, delta1.700000*, lambda65.980000*, NP2:ph296.330000*, delta3.660000*, lambda125.500000*, Principal axes: T Plg65,7130; Azm299,6340; N Plg20,5810; Azm86,8780; P Plg12,0090; Azm181,7080; NEIC 23 04:34:58.7,24:09N,122:62E, h30km, NEIC 23 04:34:58.6,1.7,24:12N,122:60E, h30km, mb5, 6/473, Ms_20, 5.7913, Mw5.8/63, Mw5.9/25, Mw5.8/41, Error ellipse: s-maj=11.8km s-min=7.5km az=165.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:3.55; M2:3.97; M3:0.43; M4:3.16; M5:0.88; M6:2.24; Fault plane solution: Mo5,480000*10^17, NP1:ph277.990000*, delta2.220000*, lambda123.550000*, NP2:ph61.520000*, delta8.000000*, lambda74.780000*, Principal axes: T 5.3891, Plg63,0000; Azm307,0000; N 0.1833, Plg14,0000; Azm67,0000; P -5.724, Plg22,0000; Azm163,0000; Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; M1:2.66; M2:4.65; M3:1.99; M4:6.49; M5:2.07; M6:3.31; Fault plane solution: Mo8,590000*10^17, NP1:ph320.410000*, delta8.180000*, lambda158.660000*, NP2:ph69.420000*, delta1.000000*, lambda63.480000*, Principal axes: T 8.7229, Plg48,0000; Azm311,0000; N -0.2746, Plg26,0000; Azm74,0000; P -8.4483, Plg30,0000; Azm181,0000; GCMT 23 04:34:58.6,1.7,23:50N,122:50E,0.01, h38km, MW5,8/165, Moment Tensor Solution. s160,c344; s165,c478; Duration: 2s1 Moment tensor: Scale 10^17 Nm; M1:5.06; M2:0.6; M3:6.20; M4:0.14; M5:4.04; M6:1.1; M7:0.10; M8:0.10; M9:0.10; M10:0.10; Best double couple: Mo7,495000*10^17, NP1:ph69.000000*, delta6.000000*, lambda70.000000*, NP2:ph291.000000*, delta31.000000*, lambda128.000000*, Principal axes: T 7.3530, Plg63,0000; Azm306,0000; N 0.2840, Plg18,0000; Azm77,0000; P -7.6360, Plg19,0000; Azm174,0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s, Triangular moment-rate function, NEIC 23 04:34:58.7,23:99N,122:62E, h30km, Moment Tensor Solution. Duration: 3s1.0 Moment tensor: Scale 10^17 Nm; M1:2.55; M2:4.93; M3:2.38; M4:3.52; M5:0.68; M6:2.45; Fault plane solution: Mo6,070000*10^17, NP1:ph62.600000*, delta7.580000*, lambda55.910000*, NP2:ph311.150000*, delta37.030000*, lambda153.790000*, Principal axes: T 5.8109, Plg49,0000; Azm296,0000; N 0.5255, Plg33,0000; Azm73,0000; P -6.3364, Plg22,0000; Azm178,0000; ISC 23 04:34:58.9,0.3,24:06N,122:63E, h34km, h34km, pP-N,2074, s1958/1803, mb5.6/442, MS5,7/552, 134C-81D, Taiwan region

Table with columns: Code, Station Name, Az, Az, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like E0S4, E0S3, E0S2, E0S1, YONG, EOH, EAH, EWUT, EWUT, ESAO, ENA, TWC, TWC, ETL.

Table with columns: ETL, TWD, NACB, NACB, NACB, TEYL, EGS, EGS, NDS, NDS, SHUL, SHUL, IRIF, IRIF, ETM, ETM, ETLH, ETLH, ILA, ILA, NTC, NTC, HATJ, HATJ, TWE, TWE, TWB1, TWB1, LATG, LATG, LXIB, LXIB, ESL, ESL, ENTT, ENTT, TIPB, TIPB, FUSB, FUSB, WARB, WARB, NNSB, NNSB, SXI1, SXI1, HGSD, HGSD, NWLT, NWLT, WHF, WHF, WFSB, WFSB, JKRS, JKRS, FUSS, FUSS, YHNB, YHNB, EHYH, EHYH, NSK, NSK, ECBN, ECBN, EHY, EHY, TWA, TWA, TWT, TWT, TDCB, TDCB, NHY, NHY, TATO, TATO, TATO, TATO, YULB, YULB, YULB, YULB, EYUL, EYUL, TAP, TAP, TAP.

Table with columns: TWF1, TWF1, JIU, JIU, JIU, CHKH, CHKH, YMO1, YMO1, YMO1, YMO8, YMO8, NFF, NFF, FULB, FULB, ANP, ANP, TWS1, TWS1, TWS1, TWY, TWY, NTY, NTY, NTST, NTST, NSM, NSM, NSM, WHP, WHP, DPDB, DPDB, NJD, NJD, SSLB, SSLB, SSLB, SSLB, WCS, WCS, LIOB, LIOB, NSTT, NSTT, EHD, EHD, NCU, NCU, NCU, ECS, ECS, ECS, JISG, JISG, JISG, TYC, TYC, TYC, EDH, EDH, EDH, HSN1, HSN1, PCYT, PCYT, PCYT, SBCB, SBCB, WHYT, WHYT, WHYT, HSN, HSN, ELDTW, ELDTW, NJN, NJN, NJN, TQW1, TQW1, NHW, NHW, NSY, NSY, NMLH, NMLH, LDUT, LDUT, LDUT, WJS, WJS, ALS, ALS, ALS, WWF, WWF, TCU, TCU, WNT, WNT, WNT, WNT1, WNT1, LONT, LONT, LONT, WDJ, WDJ, CHN5, CHN5, WYL, WYL, TTN, TTN, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, WCHH, WCHH, STYH, STYH, WGK, WGK, WDLH, WDLH, WCKO, WCKO.

23d 4h

Table with columns for station code, name, frequency, power, and status. Includes stations like TJT, Tarama, TPUB, etc.

2018 OCT

Table with columns for station code, name, frequency, power, and status. Includes stations like JYRO, Yoronjima, JOKE, etc.

1430

Table with columns for station code, name, frequency, power, and status. Includes stations like GYA, comp=N,4um,4.8s, GYA, etc.

1431

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NONG Nongkai, HHC Hu-ho-hao-te, MYLDM Lahad Datu, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GUMO Guam, TMTI Ternate, ERM Erimo, etc.

23d 4h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SONM comp=Z,8.2nm,1.1s, AZL Aizawl, etc.

23d 4h

2018 OCT

1432

Table of astronomical data for stations 23d 4h, including coordinates, altitudes, and observation parameters for various locations like NKLL, MOY, TBJ, etc.

Table of astronomical data for stations 2018 OCT, including coordinates, altitudes, and observation parameters for various locations like MKAR, MAKZ, MAK2, etc.

Table of astronomical data for stations 1432, including coordinates, altitudes, and observation parameters for various locations like DHRM, MDRS, NDRN, etc.

Table with columns for station ID, name, coordinates, elevation, and forecast data (eS, S, 04, 05, 06, etc.). Includes stations like KIV, KLV, KVP, KWA, etc.

Table with columns for station ID, name, coordinates, elevation, and forecast data. Includes stations like G24K, G24K, MSVF, MSVF, O22K, O22K, etc.

Table with columns for station ID, name, coordinates, elevation, and forecast data. Includes stations like RAYN, RAYN, PAX, PAX, FID, FID, RIDG, RIDG, etc.

23d 4h

Table with columns for station ID, name, coordinates, and status. Includes stations like M27K Edge Creek, TGL Tana Glacier, GAX Waxell Ridge, etc.

2018 OCT

Table with columns for station ID, name, coordinates, and status. Includes stations like H31M Peel River, Y0K6 Outpost Mounta, Y29M Mount Kennedy, etc.

1436

Table with columns for station ID, name, coordinates, and status. Includes stations like N32M Quiet Lake, MIMPY Sheldon Lake, MIMPY Sheon Lake, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like Tahuroa Road, Marisel-Clij, Stebnicka Huta, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like Kahutara, Kahutara, FOO, PEHC, etc.

Table with columns: Station, Frequency, Band, Mode, Power, and other technical details. Includes stations like GERES, Trecje, HCY, MOA, etc.

Table with columns for stock symbols (e.g., LTY, SFJD, B08A), company names, and various numerical data points including prices and percentages.

Table with columns for stock symbols (e.g., NVAR, YHL, YHB), company names, and various numerical data points including prices and percentages.

Table with columns for stock symbols (e.g., N23A, N23A, PMRV), company names, and various numerical data points including prices and percentages.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res. Rows include stations like P48A Milroy, FW07 Weatherford, SIUC Southern Ilin, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res. Rows include stations like GTBY Guantanamo Bay, MTDJ Mount Denham, ACON Acopya, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res. Rows include stations like P -0.9800, Azm84.0000, Nsta1 refers to body waves, etc.

ADC 23 04:38:07.715.22.425:171.20E, h46km, 1.1km, mb4.6/16, mbmp4.9/19, MLS, 1/3, MS4.6/11, Error ellipse: s-maj=15.7km s-min=13.0km az=36.0

23d 4h

Table with columns for station call letters, frequency, and other identifiers. Includes stations like AUAYR, ODZ, CNB, etc.

2018 OCT

Table with columns for station call letters, frequency, and other identifiers. Includes stations like MYLDM, SBUM, JHJ, etc.

1440

Table with columns for station call letters, frequency, and other identifiers. Includes stations like PFO, OMMB, WAKR, etc.

23d 5h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Camden Bay, Squaw Lake, Itkillik River, etc.

2018 OCT

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Manley, Nenana, Harding Lake, etc.

1442

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Las Mercedes, Mount Denham, Chivirico, etc.

Table with columns: Station Name, Az, El, AzEl, Time, Res, ISC. Includes stations like UZB Uzynbulak, COEN COEN, MBWA Marble Bar, etc.

NEIC 23 05:59:39.71.6, 6.38S, 0.06x128.21E, 0.07, h301km, 6km, mb4.3/17, Error ellipse: s-maj=11.2km s-min=8.7km az=117.0

DJA 23 05:59:41.5:0.5, 7.53x12.8E, h319km, 7km, M4.5/12, mb4.7/8, mB4.9/6, ML4.5/12, Mw(m)4.2/6

ISC 23 05:59:44.0:2.4, 6.56S, 128.20E, h354km, 26km, mb3.5/10, mbtmp4.3/14, Error ellipse: s-maj=27.5km s-min=9.5km az=74.0

ISC 23 05:59:42.9:0.5, 6.54S, 0.05x128.26E, 0.06, h350km, n75, r195/75, mb4.0/15, Banda Sea

Table with columns: Code, Station Name, Az, El, AzEl, Time, Res, ISC. Includes stations like BNDI Bandanaira, AAI Ambon, ISAI Masoni, etc.

Table with columns: Station Name, Az, El, AzEl, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRO Warramunga Arr, COEN COEN, etc.

SJA 23 06:27:49.8:0.7, 23.98S, 66.81W, h246km, 5km, ML3.5, MW3.5

GUC 23 06:27:54.0:4.2, 23.96S, 67.14W, h224km, 6km, ML3.1

ISC 23 06:27:51.0:1.8, 23.96S, 67.04, 66.89W, 0.05, h229km, 15km, n23, r195/243, Jujuy Province

Table with columns: Code, Station Name, Az, El, AzEl, Time, Res, ISC. Includes stations like SLA San Lorenzo, AF01 San Pedro de A, AZAP Zapla, etc.

NEIC 23 06:40:24.6:0.8, 59.70N, 0.01x153.30W, 0.08, h110km, 5km, Error ellipse: s-maj=6.1km s-min=0.8km az=75.0

AEIC 23 06:40:25.5:1.0, 59.68N, 0.04x153.30W, 0.07, h107km, 4km, ML3.5, ML3.7/162(NEIC), Error ellipse: s-maj=5.6km s-min=4.6km az=137.0

ISC 23 06:40:24.6:1.0, 59.67N, 0.03x153.30W, 0.03, h113km, 6km, n296, r077/289, Southern Alaska

Table with columns: Code, Station Name, Az, El, AzEl, Time, Res, ISC. Includes stations like P19K Oil Pt, P19K Oil Pt, P19K Oil Pt, etc.

23d 8h

Table of 23-day 8-hour observations including station names like KURBB, KURK, MAZK, and various codes (Pg, Lg, S, Pb, Pn) and times.

Table with columns for Code, Station Name, Az, AZZ, Phase ID, Time, Res, and ISC. Contains stations such as RAO Raoul Island, URZ Urewera, and ASAR Alice Springs.

IDC 23:07:54:46.3.1.5, 29:99S x 176.63W, h0km, mb3.7/3, mbmp3.7/4, ML2.9/1, Error ellipse: s-maj=35.9km

ISC 23:07:54:52.2.1.5, 29:97S x 09:177.1W, 0.2, h24km, n8, 22:51/10, mb3.7/3, Kermadec Islands

IDC 23:08:04:27.5.0.7, 55:44N x 166:56E, h0km, mb3.8/10, mbmp3.8/12, ML3.5/2, MS3.3/13, Error ellipse: s-maj=26.7km

KRSC 23:08:04:27.5.1.8, 55:34N x 166:62E, h40km, 11km, M4.3, NEIC 23:08:04:28.1.6.55, 1.6.55, 1m.0.3:166.9E:0.2, h10km, 2km, mb4.3/48, Error ellipse: s-maj=49.9km

MOS 23:08:04:31.1.0.7, 55:38N x 166:45E, h37km, mb4.4/4, Error ellipse: s-maj=8.8km

ISC 23:08:04:30.2.0.6, 55:35N x 0:06:166.63E:0.05, h20km, n161, 1:128/160, mb4.2/32, MS3.4/9, Komandorsky Islands region

Large table listing station names (e.g., BKI Bering, KBTB Krutoberegovo, SMKR Semkarok) and their corresponding codes and times.

2018 OCT

Main central table listing station names (e.g., KRMRR Russkaya, RUS Russkaya, PEAOB Petropavlovsk), codes, and times.

1446

Table listing station names (e.g., MKAR Makanchi Array, NVAR Mina Array Bay, ELK, BVAR Borovyoye Array) and their codes and times.

NEIC 23:08:14:09.2.2.0, 0:42S, 0:05E, 120:01E, 0:06, h10km, 1km, mb4.6/24, Error ellipse: s-maj=10.4km

DJA 23:08:14:10.0.0.3, 0:S, 2:12:0E, x, h10km, M4.5/12, mb4.8/5, mb4.9/3, MLV4.5/12, Mw(mb)4.2/3

IDC 23:08:14:14.2.2.8, 0:52S:119.96E, h57km, 28km, mb3.9/17, mbmp4.2/19, ML4.1/2, MS2.8/3, Error ellipse: s-maj=25.3km

ISC 23:08:14:12.0.0.5, 0:37S x 0:04:119.93E:0.06, h35km, n62, 1:1923/65, mb4.3/26, Minatasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Lat, Lon, Az, Phase, ID, Time, Res, ISC. Includes stations like ABKAR, NRK, ATKA, BRTR, QSPA, etc.

IDC 23 08:07:0.0, 6.1, 21.84S, 169.85E, h0km, mb4.4/16, mtimp4.4/19, ML4.5/3, MS3.5/15, Error ellipse: s-maj=18.3km s-min=16.4km az=115.0

NOU 23 08:20:10.9, 21.91S, 169.58E, h0km, MLv4.5/12, Southeast of Loyalty Islands

NEIC 23 08:20:11.4, 2.8, 2.2, OS:0.1, 169.60E:0.08, h10km, 1km, mb4.8/32, Error ellipse: s-maj=18.6km s-min=11.3km az=160.0

ISC 23 08:20:12.3, 0.4, 21.92S, 169.72E, 0.06, h25km, n123, o586/119, mb4.5/34, MS3.7/13, SC-6D, Southeast of Loyalty Islands

Main table listing station data for the 1447 event. Columns include Code, Station Name, Lat, Lon, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like MARNC, PINNC, LIFNC, etc.

Main table listing station data for the 2018 OCT event. Columns include Code, Station Name, Lat, Lon, Az, Phase, ID, Time, Res, ISC. Lists stations like SMAI, ELIB, PLK4, etc.

Main table listing station data for the 23d 8h event. Columns include Code, Station Name, Lat, Lon, Az, Phase, ID, Time, Res, ISC. Lists stations like BADI, CDCA, APEC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DLMT Dillon, TPWV Teton Pass, FXWV Fox Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MDRV Moldovita, MORH Mrqy, HUNg, ARSA Arzberg, etc.

PGC 23 09:24:41.5:0.3,49.24N-130.52W, h10km, MLN3.1/25, Mw3.7/25,274km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NCHR NEPTUNE Canada, KEMF NEPTUNE Canada, HOLB Holberg, etc.

NEIC 23 09:58:40.6:1.9,28:75S:0:03:67:21W:0:08, h118km,7km, mb4.5/63, Error ellipse: s-maj=10.0km s-min=4.4km az=74.0

SJA 23 09:58:41.0:0.6,28:79S:67:31W, h144km,3km, ML4.2, Mw4.3

IDC 23 09:58:42.1:0.6,28:69S:67:18W, h132km,4km, mb3.9/7, mbmp4.3/12,MS3.1/3, Error ellipse: s-maj=18.0km s-min=11.9km az=75.0

VAO 23 09:58:43.2:0.8,28:57S:67:10W, h122km,7km, mb4.5, ISC 23 09:58:41.3:0.5,28:74S:67:28W:0:04, h132km,4km, n188, r14222, mb4.5/28, La Rioja Province

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AACL CERRO LA CRUZ, AACL Vinchina, VCA Vichina, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FSA Las Campanas, LCO Las Campanas, AC06 Mina Casimiro, etc.

23d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CZSB, BDFB, G009, etc.

PGC 23 09:59:20.5-0.5, 49.06N-129.91W, h10km, MLsn2.8/23, Mw3.5/23, 255km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

2018 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCR8, PACH, WPOB, etc.

HEL 23 10:03:25.0-0.6, 67.63N-20.87E, h0km, ML1.5, Explosion, Sweden

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

1450

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

PGC 23 10:12:20.3-0.4, 48.80N-129.43W, h10km, MLsn2.9/20, Mw3.5/20, 256km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

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

PGC 23 10:13:07.2-0.4, 49.22N-129.13W, h0km, mb3.7/1, mbmp3.4/7, ML3.2/6, MS3.1/9, Error ellipse: s-maj=38.2km s-min=13.4km az=71.0

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

PGC 23 10:43:39.9-0.6, 6.78N-72.94W, h158km, 6km, mb3.7/16, mbmp4.2/21, Error ellipse: s-maj=11.0km s-min=6.6km az=129.0

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

PGC 23 10:43:40.8-0.0, 7.1N-1.73W, h152km, 2km, M4.3, mb4.5, mB4.0, NEIC 23 10:43:41.1-1.6, 6.77N-0.07E, 72.93W-0.08, h162km, 7km, mb4.4/140, Error ellipse: s-maj=11.8km s-min=9.5km az=112.0

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

PGC 23 10:43:42.5-0.7, 6.72N-72.79W, h159km, mb4.4, MSC 23 10:43:40.0-0.5, 6.84N-0.03E, 73.04W-0.04, h155km, 5km, n206, r1953/227, mb4.3/73, 2D, Northern Colombia

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

Table with columns: Station Name, Code, Time, Azimuth, Elevation, and other parameters. Includes stations like ROSC, ROSC El Rosal, ROSC Cruz Verde, etc.

Table with columns: Station Name, Code, Time, Azimuth, Elevation, and other parameters. Includes stations like HODGE, PB09, PB09, etc.

Table with columns: Station Name, Code, Time, Azimuth, Elevation, and other parameters. Includes stations like I07A, I07A, I07A, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JMSST, JMM, JMU, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like YUK, YUH, SHO, etc.

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

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal Quality. Rows include H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, ZAK ZAK, LZH, GYA, CD2, GTA, BILL, ATKA, DAV, KMI, PZH, MYLDM, SLVN, GOMU, MYLDM, UBPT, TNA, TNTI, DLV, FALS, K13K, DGZ, WMQ, WMQ, WMQ, M14K, PHRA, C16K, ZAAO, ZALV, ZALV, ZALV, ZALV, G16K, FAKI, N15K, CHTO, CHTO, D17K, CM31, CMAR, NRK, NRK, NRK, NRK, NRK, NRK.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal Quality. Rows include F17K, F17K, L16K, LSA, LSA, LSA, M16K, SANI, CHGN, CHGN, E18K, E18K, C18K, L17K, F18K, K17K, APSI, G18K, H18K, M17K, M17K, C19K, L18K, L18K, MK31, MK31, MK31, MKAR, MKAR, SHL, SHL, SHL, D19K, H19K, MAKZ, MAKZ, MAKZ, TTA, E19K, H19K, H19K, J19K, J19K, O18K, SEM, SEM, D20K, B20K, B20K, B20K, F20K, E20K, M19K, K20K, E21K, J20K, L20K, C21K, IMAR, B21K, B21K, G21K, G21K, BRDH, E21K, E21K, KURK, KURK, KURK, A22K, KURBB, KURBB, KURBB, KURBB, CAST, B22K, B22K, B22K, H22K, H22K, G22K, BP2W, BP2W, KTH, KTH, SHLS, SHLS, SHLS, SHLS, D23K, D23K, D23K.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal Quality. Rows include CUT, CUT, C23K, C23K, TDK, TDK, TDK, UZB, UZB, UZB, H23K, E23K, E23K, E23K, KPKS, KPKS, TOLK, SEW, PMR, ZHN, ZHN, ZHN, WUS, SATY, SATY, D24K, D24K, D24K, E24K, E24K, C24K, WAT1, PRZ, PRZ, PRZ, F24K, H24K, G24K, POKR, CHKK, CHKK, HDA, HDA, IL31, ILAR, ILAR, ILAR, IL03, D25K, D25K, MDOK, MDOK, TNSS, TNSS, H25L, F25K, E25K, K24K, C26K, KLU, F26K, F26K, C27K, C27K, C27K, C27K, BTLS, BTLS, L26K, L26K, L26K, SGDS, SGDS, BVAR, BVAR, BVAR, E27K, E27K, BRVK, BRVK, BRVK, M26K, G27K, D27M, HNR, AAK, AAK, AAK, AAK, KSH, KSH, KSH, H27K, CRQE.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like VYHS, JAVC, BRG, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TBI, TX31, TXAR, CCM, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KAN01, SN05, KAN08, etc.

NEIC 23 11:30:23.8:2.3, 37.33N:0.03:72.50E:0.03, h10km, 1km, mb4, 6/37, Error ellipse: s-maj=6.5km s-min=2.9km az=327.0

23d 11h

mpV3.6, Error ellipse: s-maj=68.0km s-min=51.4km az=11.0

ISC 23 11:30:18.0±0.6, 37.28N, 0.067244E, 0.07, h10km, n76, ±163/80, mb4.5/25, 4-C6D, Tajikistan

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

2018 OCT

NEIC 23 11:30:49.0±1.1, 54.53N, 0.0916241W, 0.08, h88km, 9km, mb3.6/10, ML2.9/m, ML2.5(AEIC), Error ellipse: s-maj=14.5km s-min=4.7km az=158.0

AEIC 23 11:30:48.7±2.0, 54.41N, 0.0716235W, 0.07, h69km, 7km, Error ellipse: s-maj=11.6km s-min=4.9km az=158.0

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

1456

comp=Z,1.1nm,1.4s G007 Millade Huncio 86.65 135 P P 11 48 30.7 +0.1

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

IDC 23 11:42:39.3±1.6, 0.81S, 133.17E, h0km, mb4.1/4, mbmp4.1/6, ML4.0/2, MS3.1/7, Error ellipse: s-maj=79.2km s-min=19.0km az=76.0

NEIC 23 11:42:42.4±1.5, 1.03S, 0.06613335E, 0.06, h10km, 1km, mb4.6/20, Error ellipse: s-maj=13.9km s-min=5.2km

DJA 23 11:42:43.0±0.4, 1°S, 4°13'3E, h19km, 3km, MA.5/23, mb4.6/23, mb5.2/5, MLV4.5/13, Mw(MB)4.5/5

ISC 23 11:42:46.0±1.0, 0.104S, 0.06613335E, 0.08, h29km, n68, ±159/67, mb4.4/13, MS3.1/6, Irian Jaya 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: STATION, NAME, TIME, RES, and other parameters. Includes stations like KURBB, KKAR, L19K, SKT, QSPA.

ISC 23 11:55:34.5-0.5, 55:81S:123:59W, h0km, mb4.7, 1.3s, mbtmp4.7/15, MS4.9/38, Error ellipse: s-maj=19.3km

MOS 23 11:55:36.0-1.5, 55:94S:122:96W, h10km, mb5.3/29, Error ellipse: s-maj=19.6km, s-min=11.5km, az=70.7

NEIC 23 11:55:37.8, 55:82S:123:27W, h22km, Moment Tensor Solution: Duration: 2.7, Moment tensor: Scale 1017Nm

NEIC 23 11:55:37.8, 55:82S:123:10W, h22km, Error ellipse: s-maj=17.4km, s-min=15.1km, az=341.0

GCMT 23 11:55:39.8-0.1, 55:97S:123:47W-0.1, h12km, MW5.5/143, Moment Tensor Solution. s121,c237

ISC 23 11:55:37.1-0.2, 55:77S:123:13W, h0km, m598.0, s131/412, mb5.2/106, MS5.2/68, 6C-2D, Southern East Pacific Rise

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like SMAIL, PMSA, MG01, etc.

Main station list table with columns: STATION, NAME, TIME, RES, and other parameters. Includes stations like TBI, BI02, GO05, BO01, VA05, etc.

Main station list table with columns: STATION, NAME, TIME, RES, and other parameters. Includes stations like SNA, HOPE, RAO, TROLL, AC06, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like ETMB, WILB, SALV, CHSH, SAML, OTAV, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like RCBR, HPBG, HPIG, HSGS, AIS, TX31, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MFID, HLID, SNOW, V61A, FXWY, LOHW, etc.

Table with columns: Station Name, Time, Res, and various codes (eSS, SS, IAMS, etc.). Includes stations like TAMARASSET, PHRAE, CMAR, etc.

Table with columns: Station Name, Time, Res, and various codes (eSS, SS, IAMS, etc.). Includes stations like KHC, ARSA, CSS, CONA, etc.

Table with columns: Station Name, Time, Res, and various codes (RPN, PMSA, SBA, etc.). Includes stations like RAPA NUI, PALMER STATION, SCOTT BAZE, etc.

UPP 23 12:01:00.9:0.1, 65:28N:21:61E, h0km, ML2.8, Unknown DNK 23 12:01:01.4:0.5, 65:28N:21:62E, h0km, ML2.6(UPP),

HLN 23 12:01:01.3:0.2, 65:27N:21:54E, h0km, ML 1.2, Explosion ISC 23 12:01:00.4:0.8, 65:28N:0:02:21:62E:0:03, h0km, n30,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and various codes (SJJU, SJJU, etc.). Includes stations like SJJU, SJJU, SJJU, etc.

NEIC 23 12:08:36.6:0.8, 55:55S:0:2:124:0W:0:2, h10km, 1km, mb4.8/10, Error ellipse: s-maj=42.6km s-min=6.3km

ISC 23 12:08:36.7:1.6, 55:69S:124:19W, h0km, mb3.9/5, mb12p3.9/5, Error ellipse: s-maj=51.8km s-min=36.7km

ISC 23 12:08:36.7:0.8, 55:65S:0:2:124:0W:0:1, h10km, n31, a:161/16, mb4.5/11, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and various codes (GO10, MG03, etc.). Includes stations like GO10, MG03, MG03, etc.

IDC 23 11:58:39.2:1.9, 54:04S:127:49W, h0km, mb4.0/4, mb12p4.0/4, Error ellipse: s-maj=130.0km s-min=35.0km

NEIC 23 11:58:40.4:1.4, 55:55S:0:1:126:4W:0:3, h10km, 1km, mb4.8/12, Error ellipse: s-maj=28.8km s-min=15.7km

ISC 23 11:58:38.8:0.7, 55:35S:0:1:126:4W:0:1, h10km, n25, a:161/12, mb4.6/10, Southern East Pacific Rise

23d 16h

Table with columns: Code, Station Name, Az, El, Phase ID, Op, h, m, s, Res. Includes stations like Alice Springs, Warramunga Arr, Tennant Creek, Lord Howe Isla, etc.

NEIC 23 16:04:03.6, 24°06N, 122°66E, h24km
MOS 23 16:04:03.9, 1.1, 24°12N, 122°76E, h44km, mb5.6/73, MS5.6/48, Error ellipse: s-maj=6.6km s-min=3.8km az=111.9

NEIC 23 16:04:03.8, 23°98N, 122°68E, h27km
NEIC 23 16:04:03.6, 24°06N, 122°66E, h24km, Moment Tensor Solution. Duration: 368 Moment tensor: Scale 10^17Nm; Mrr:1.48; Mth:3.14; Mtt:1.66; Mtr:1.91; Mtt:0.65; Mtr:2.49; Fault plane solution: Mo:4.20000x10^17 NP1:0.46, 46.00000, 877.22000, 1.54, 92.0000; NP2:0.298, 98.0000, 0.37, 05.0000, 1.158, 46.0000; Principal axes: T 4.1699, Plg46.0000, Azm281.0000; N 0.0620, Plg34.0000, Azm55.0000; P 4.2319, Plg24.0000, Azm163.0000;

NIED 23 16:04:03.1, 23°97N, 122°60E, h28km, MW5.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^17Nm; Mrr:3.99; Mth:5.87; Mtt:1.88; Mtr:1.86; Mtt:1.43; Mtr:2.13; Fault plane solution: Mo:5.99000x10^17 NP1:0.56, 00.0000, 0.62, 00.0000, 1.59, 00.0000; NP2:0.288, 00.0000, 0.40, 00.0000, 1.134, 00.0000;

IPGP 23 16:04:04.0, 23°98N, 122°71E, h35km, Mw5.8, Fault plane solution: NP1:0.58, 00.0000, 0.77, 00.0000, 1.60, 00.0000; NP2:0.307, 00.0000, 0.32, 00.0000, 1.156, 00.0000;

JMA 23 16:04:04.1, 0.2, 24°12N, 122°66E, 0.4, h28km, 3km, MD6.3/19, MW5.7/19, NW OFF ISHIGAKIJIMA IS
JMA Felt III at NW OFF ISHIGAKIJIMA IS
JMA 23 16:04:04.9, 1.3, 24°07N, 122°68E, h40km, mb4.9/38, mbmp5.1/43, ML4.5/3, MS5.4/76, Error ellipse: s-maj=11.9km s-min=7.7km az=68.0

BUI 23 16:04:04.0, 24°08N, 122°60E, h30km, mb5.3/86, MB5.8/75, ML5.8/9, Ms5.9/99, Ms7.5.8/95
ASIES 23 16:04:04.2, 23°99N, 122°63E, h30km, ML5.9, Mw5.7, Moment Tensor Solution. Moment tensor: Scale 10^24Nm; Mrr:1.58; Mth:2.45; Mtt:0.87; Mtr:0.62; Mtt:0.27; Mtr:3.45; Fault plane solution: Mo:4.8470x10^24 NP1:0.45, 03.0000, 0.81, 05.0000, 1.68, 97.0000; NP2:0.293, 02.0000, 0.22, 78.0000, 1.156, 32.0000; Principal axes: T Plg49.6330, Azm291.9630; N Plg20.7690, Azm48.4580; P Plg32.8190, Azm152.6150;

NEIC 23 16:04:04.2, 1.9, 23°99N, 0.04, 122°68E, 0.4, h31km, 1km, mb5.6/416, Ms 20.5/580, Mw5.8/48, Mw5.7/35 Error ellipse: s-maj=7.7km s-min=4.8km az=139.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:1.94; Mth:4.22; Mtt:2.28; Mtr:1.97; Mtt:2.42; Mtr:2.34; Fault plane solution: Mo:3.55000x10^17 NP1:0.293, 36.0000, 0.46, 59.0000, 1.161, 66.0000; NP2:0.36, 20.0000, 0.76, 78.0000, 1.44, 90.0000; Principal axes: T 4.4803, Plg40.0000, Azm265.0000; N 1.4370, Plg44.0000, Azm49.0000; P -5.9172, Plg19.0000, Azm158.0000;

TAP 23 16:04:04.2, 23°99N, 122°63E, h30km, ML5.9, C
GCMT 23 16:04:05.2, 0.1, 23°96N, 0.01, 122°54E, 0.01, h36km, MW5.8/164, Moment Tensor Solution. s146, c299; s164, c335; Duration: 199 Moment tensor: Scale 10^17 Nm; Mrr:3.18; Mth:0.5; Mtt:4.44; Mtr:0.4; Mtt:2.6; Mtr:0.4; Mtr:2.54; Mtt:0.6; Mtr:1.05; Mtt:0.4; Mtr:2.83; Mtt:0.6; Best double couple: Mo:5.58600x10^17 NP1:0.53, 00.0000, 0.70, 00.0000, 1.63, 00.0000; NP2:0.289, 00.0000, 0.34, 00.0000, 1.141, 00.0000; Principal axes: T 5.4430, Plg57.0000, Azm287.0000; N 0.2870, Plg25.0000, Azm63.0000; P -5.7300, Plg20.0000, Azm103.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 23 16:04:03.9, 0.3, 23°96N, 0.02, 122°66E, 0.01, h31km, 1km, h32km; PP-P, n1809, r1858/1639, mb5.6/394, MS5.5/411, 173C-61D, Taiwan region

Table with columns: Code, Station Name, Az, El, Phase ID, Op, h, m, s, Res. Includes stations like E0S4, E0S3, E0S3, YOJ, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, Phase ID, Op, h, m, s, Res. Includes stations like TEYL, TWD, TWC, NACB, SHUL, etc.

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Table with columns: Code, Station Name, Az, El, Phase ID, Op, h, m, s, Res. Includes stations like EYUL, NSK, NSK, CHKH, TWFI, etc.

23d 16h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SN, SNRr, SNRf, SNRg, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

2018 OCT

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SN, SNRr, SNRf, SNRg, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

1464

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SN, SNRr, SNRf, SNRg, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like D19K Kuna River, L17K Donlin, CAN Canberra, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like GNI Garni, L20K Farewell, AK, KLMR Klimovskoe, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like CUT Chulitna, MOS Moscow, APA Apatity, etc.

23d 16h

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like F26K Sheenjek River, J25K Salcha River, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like MCARA McCarthy VSAT, E29M Blow River, etc.

1468

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like VAF Ylistaro, YUK4 Talbot Arm, etc.

Table with columns: ADP, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like Arta Tunnel, Atin, P32M, etc.

Table with columns: NIE, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like Niedzica, Liard River, GZR, etc.

Table with columns: PVCC, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like Panska Vests, SJES, YKCA, etc.

23d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO, CLRS, ICESG, STU, CTI, FETA, TUP, DAVA, FUORNI, BTNL, INTR, DAVOX, MEM, BFO, BFO, BFO, BORG, BSTI, WLF, WLF, BCLA, GNW, BGES, RAR, RCHB, ECH, BMRD, DOU, VLC, EKA, MSSA, LON, F04A, LTY, SFJD, SFJD, SFJD, DY2G, DY2G, HOOD, LPL, LPL, H04A, BNI, I04A, D08A, HAWA, HUMO, HUMO, I05D, NEW, NEW, NEW, CASY, SSF, SSF, PINE, YBH, YBH, J05D, J05D, G08A, KMRM, KCPM, I07A, F10A, O02D, O02D, MBRAR, FRB, BMO, J08A, CAF, CAF, FFC, FFC, FFC, FFC, MSO, MSO, WVOR, LFF, LFF, KEST.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEST, MPK, MFID, EMB, PAHR, EGEM, CEST, CMB, SAO, DLMT, DLMT, IVI, HLID, HLID, WAKR, BBGB, PPT, PPT2, PPT2, PPT2, PPT2, PPT2, BOZ, BOZ, BMN, PMPB, RYN, LHV, NVAR, NVAR, NVAR, YHL, ELK, ELK, LWKY, YMP, DSP, RLMT, DGMT, DGMT, TPWA, LOHW, HVU, LAO, BCW, GRAC, AHID, ISA, BGU, TBI, TBI, TBI, TBI, TBI, TBI, R11B, Q12A, HWUT, CCAG, DUC, PDAR, PDAR, PASC, GSC, ULM, CART, MDND, ELS, ESDC, ESDC, ESDC, E28A, PFO, TPFO, RSSD, KNB, LSZ, TAOE, TAOE, TAOE.

1470

Table with columns for station name, frequency, power, and other technical details. Includes stations like TAOE, MVO, MVO, MVO, AGMN, PGAV, PGAV, YUH, BLYC, MTE, MTE, MTE, ESJX, N23A, VTX, PMRV, PMRV, PMRV, SUSD, F33A, BRIG, SFX, MVCO, K30B, PVAQ, PVAQ, PVAQ, OGNE, TAM, SDCO, SPMN, TUCO, K30B, I37A, BGNE, T25A, ANMO, Y22D, AVE, I40A, CBK3, I21A, I42A, SCIA, R32A, JFW5, L40A, KSU1, I45A, K43A, L42A, AMTX, MSTX, P38A, OK038, N41A, M44A, T35A, OK048, OK029, WMOK, OK052, RKT, RKT, RKT, RKT, RKT, RKT, P43A, S39A, TUL3, SFIN, N47A, CCM, VT1, ABTX, TXAR, WVW, TSUM, ERPA, O48B, J59A, M52A, T42A, Z35A.

Table with columns: Name, RA, Dec, Az, El, Status, and other parameters. Includes entries like TORO Torodi Ar. Bea, P48A Milroy, S44A Carbondale, etc.

Table with columns: Name, RA, Dec, Az, El, Status, and other parameters. Includes entries like PLCA Paso Flores, GDU01 Guandu, PRB Itaituba, etc.

Table with columns: Name, RA, Dec, Az, El, Status, and other parameters. Includes entries like JOTO OTAMA OYAMA, JRY Ryogam san, JYN Shimob, etc.

23d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IASC. Rows include SX11 Grass Mountain, YHNB Yeheng, JIJ Ishigaki jima, etc.

NEIC 23 16:54:08.1±1.8, 31.92N±0.02, 115.86W±0.02, h6km±1km, Error ellipse: s-maj=2.5km s-min=1.8km az=46.0

PAS 23 16:54:08.1±1.6, 31.91N±0.01, 115.83W±0.02, h6km±8km, M2.8/6.0, ML3.0/15(NEIC), Error ellipse: s-maj=2.4km s-min=1.8km az=57.0

ECX 23 16:54:08.4±0.6, 31.92N±0.02, 115.82W±0.02, h4km±1km, MD2.6, ML2.8

ISC 23 16:54:07.6±0.9, 31.90N±0.02, 115.85W±0.02, h11km±6km, n46, c074/67, 8C-6D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IASC. Rows include ESJX Sierra Juarez, ALAMX Rancho Alamar, SJX San Joaquin, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IASC. Rows include TKX comp=E,341nm,0.1s, COK2 Cook Ranch 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IASC. Rows include GOMA Golmarmara-Ece, ECEA Canakkale, Man, etc.

1472

23d 17h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, SONMI Songino Array, etc.

SOME 23 17:31:15.0, 40.73N:78.60E, h15km, MS4.1
MOS 23 17:31:17.7, 1.1, 40.78N:78.80E, h10km, mb4.5/20, Error ellipse: s-maj=5.5km s-min=3.9km az=117.0

Main table of station data for the 23d 17h period, listing station codes, names, coordinates, and observation times.

2018 OCT

Main table of station data for the 2018 OCT period, listing station codes, names, coordinates, and observation times.

1474

Main table of station data for the 1474 period, listing station codes, names, coordinates, and observation times.

Table with columns: Code, Station Name, Time, Res, and other metadata. Includes stations like Bau Bau Buton, FAKI, WARRAMUNGA ARR, etc.

VAO 23 20:54:33.4. 1.6. 7.14N.76.97W. h22km. 1km. mb4.7
RSNC 23 20:54:34.5. 0.0. 7.7. 1.1. 7.7W. . h29km. 3km. M4.3. mb5.3.
UPA 23 20:54:34.4. 1.4. 7.26N.77.11W. h31km. 14km. MD4.8.
NEIC 23 20:54:35.9. 1.8. 7.21N.0.0. 77.01W.0.06. h43km. 7km.
IDC 23 20:54:36.7. 1.7. 7.20N.77.13W. h55km. 15km. mb4.1/23.
ISC 23 20:54:33.9. 0.5. 7.24N.0.03. 77.07W.0.03. h32km. 3km.

Main table listing stations with columns: Code, Station Name, Time, Res, and other metadata. Includes stations like Punta Ardita, Bahia Solano, Capurgana, Meteti, San Jos de Ur, Ciudad Bolivar, etc.

Main table listing stations with columns: Code, Station Name, Time, Res, and other metadata. Includes stations like Santo Domingo, Urubia, Otavalo, Pacto, Paraso, Laja, Pichincha, etc.

Main table listing stations with columns: Code, Station Name, Time, Res, and other metadata. Includes stations like San Ignacio, Lake Jocassee, Humberstone, Fort Payne, Murphy, Winder Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, IS, C, h, m, s, ISC, Time Res, and various observation details for stations like Makanchi Array, Arslanbob, etc.

PGC 23 21:49:23.8-0.2, 48:30N-129:35W, h10km, MLN3.0/24, Mw3.6/24, 253km southwest of Pt. Hardy, Bc

Table listing station names and their corresponding Az and Az' values for the PGC 23 21:49:23.8-0.2, 48:30N-129:35W region.

ICC 23 21:52:56.8-0.8, 8:29S-116:87E, h0km, mb4.0/9, mbmp4.0/11, ML4.0/2, MS3.1/6, Error ellipse: s-maj=30.2km s-min=11.1km az=50.0

Table listing station names and their corresponding Az and Az' values for the ICC 23 21:52:56.8-0.8, 8:29S-116:87E region.

Main table of station observations including codes (e.g., MBWA, PSAOO, KBR), station names (e.g., Marble Bar, Piltara Seismi, Kukurra), and various parameters like Az, Az', Phase ID, Op, IS, C, h, m, s, ISC, Time Res, and error ellipse data.

Continuation of the main table of station observations, including codes (e.g., KLV, KLV, KLV), station names (e.g., Kalavryta, Ach, Kalavryta, Ach), and various parameters like Az, Az', Phase ID, Op, IS, C, h, m, s, ISC, Time Res, and error ellipse data.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like OBKA Obir, PRED Cave del Predi, TEOL Teolo, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KDJ baz=71, KURS Kuram, KURS Kuram, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ARLS Aral, ARLS baz=67, USP Ospenovka, etc.

DJA 23 22:14:25.9 0.3, 1'S, 2'x12'0E, h10km, M4.0/13, mb4.3/1, ML3.4

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

CATAC 23 22:21:14.4 0.1, 2.13'47N, 88'52W, h5km, 1km, ML3.4

SNET 23 22:21:14.4 0.1, 1.13'49N, 88'50W, h6km, ML3.5

ISC 23 22:21:14.5 0.9, 13'48N, 0.04, 88'51W, 0.02, h9km, 6km, n40, 0.957/63, 5C-4D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TECA Tecapa, PQSS Presa 15 de Se, PACA Pacayo, etc.

SOME 23 22:13:23.8, 42'08N, 79'10E, h15km

KRNET 23 22:13:24.8 0.1, 42'12N, 79'13E, h15km, mb3.7

NNC 23 22:13:25.9 0.9, 42'19N, 79'18E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=6.6km s-min=3.2km az=150.0

ISC 23 22:13:24.2 1.7, 42'12N, 0.05, 79'12E, 0.04, h2km, 10km, n74, 0.1537/131, 28C-23D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PRZ Przheval'sk, UZB Uzynbulak, SHLS Shalkode, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAYA, CSGN, NUBE, TGUH, etc.

IDC 23 22:26:56.0, 13.45N, 48.13E, h0km, mb4, 4/25, mbtmp4.4/26, ML2.9/2, MS3.5/23, Error ellipse: s-maj=15.2km s-min=13.7km az=104.0

NEIC 23 22:26:58.7, 17.1, 63.65N, 0.08, 48.20E, 0.09, h10km, s1km, mb4, 7/63, Error ellipse: s-maj=15.9km s-min=13.1km az=209.0

OMAN 23 22:27:13.4, 1.4, 14.10N, 48.82E, h34km, 71km, mb4.5/18, m4.5/1, Error ellipse: s-maj=96.9km s-min=4.9km az=41.0

ISC 23 22:26:57.9, 0.4, 13.61N, 0.06, 48.13E, 0.06, h10km, n242, o121/233, mb4.6/90, MS3.6/22, 8C-18D, Eastern Gulf of Aden

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATD, ABTO, WHFO, RBK, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTYL, ALN, KSH, AAK, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOTA, PABE, RETA, DAVA, etc.

1485

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, BNX BinXian, KRSR Korea Array, etc.

SOME 23 22:42:51.2, 40:88N:78:77E, h10km
KRNET 23 22:42:52.0, 1.40:93N:78:70E, mb3.0
NWC 23 22:42:53.6, 1.3, 40:94N:78:62E, h0km, mb3.7, mpv3.4

ISC 23 22:42:57.5, 1.4, 41:11N:0:07-78:58E, 0.04, h10km, n53,
e131/80, 18C-14D, Kyrgyzstan-Xinjiang border region

Main table for 1485 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRZ Przeval'sk, KDJ Kajisay, SATY Saty, etc.

2018 OCT

Table for 2018 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTBS Matube, KST KasteK, KST KasteK, etc.

IDC 23 22:54:38.6, 1.5, 2:05N-127:56E, h0km, mb3.8/5,
mbtmp3.8/5, Error ellipse: s-maj=141.6km
s-min=19.0km az=66.0, Northern Molucca Sea

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

PGC 23 23:07:31.4, 1.4, 48:84N:130:25W, h10km, mb4.0,
MLSn3.4/27, Mw4.4/27, 290km Wsw of Pt. Hardy, Bc

Vancouver Island, Canada Region
IDC 23 23:07:35.1, 1.5, 49:15N:129:62W, h0km, mb3.7/5,
mbtmp3.7/12, ML3.3/7, MS3.4/26, Error ellipse:
s-maj=27.1km s-min=12.7km az=70.0

NEIC 23 23:07:38.7, 1.6, 49:18N:10:05-129:5W:0.2, h10km, 2km,
mb4.0/28, Error ellipse: s-maj=17.2km s-min=8.3km
az=257.0

ISC 23 23:07:32.9, 0.8, 48:89N:10:05-130:08W:0.07, h10km,
n144, e28/28/117, mb3.9/6, MS3.5/17, Vancouver Island
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCHR NEPTUNE Canada, KEMF NEPTUNE Canada, etc.

Table for 23d 23h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like B928 Bamfield, B928 Campbell River, etc.

23d 23h

Table with columns: ANMO, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Albuquerque, Ely, Lajas, etc.

NEIC 23 23:16:31.0±2.6, 10.47S; 0.08:116.89E; 0.02, h10km, 1km, mb4.4/21, Error ellipse: s-maj=13.9km s-min=3.4km az=187.0

IDC 23 23:16:34.6±6.5, 10.45S; 116.79E, h38km±56km, mb3.9/8, mbtmp4.1/11, ML4.0/3, MS3.3/5, Error ellipse: s-maj=58.1km s-min=22.6km az=66.0

DJA 23 23:16:35.0±3.1, 11.5±3.1 7E; h30km, M4.7/15, mb5.3/4, mb4.7/13, ML4.1/4, Mw(ME)4.7/4

ISC 23 23:16:33.0±0.5, 11.57S; 0.06:116.94E; 0.06, h39km, n84, ±170/78, mb4.3/15, MS3.0/3, South of Sumbawa

Main table of seismic events with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PLAI, WBSI, etc.

2018 OCT

Table of seismic events for October 2018, including stations like KSRS, MJAR, USAO, etc.

SOME 23 23:36:14.9, 42.37N; 82.73E, h20km IDC 23 23:36:16.1±1.5, 41.92N; 82.15E, h0km, mb3.6/2, mbtmp3.4/5, ML2.8/3, Error ellipse: s-maj=38.6km s-min=17.3km az=92.0

NNC 23 23:36:19.9, 1.6, 41.95N; 82.10E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=13.2km s-min=8.3km az=168.0

ISC 23 23:36:19.5±1.2, 41.92N; 0.07:82.10E; 0.05, h10km, n44, ±230/63, 10C-3D, Southern Xinjiang

Main table of seismic events for October 2018, including stations like SHLS, PDGK, UZB, etc.

1486

Table of seismic events for station 1486, including stations like TNSS, TNS, TDK, etc.

GCG 23 23:38:51.5±0.6, 12.53N; 89.46W, h56km±678km, MD4.7 SNET 23 23:38:55.5±1.2, 12.93N; 89.53W, h17km, ML4.7

CATA 23 23:38:55.1±0.5, 12.93N; 89.54W, h16km, 3km, ML4.7 UCR 23 23:38:58.5±1.8, 13.08N; 0.06:89.44W; 0.07, h48km, 6km, mb4.5/74, Error ellipse: s-maj=10.2km s-min=7.4km az=61.0

IDC 23 23:38:59.8±1.9, 13.46N; 89.01W, h59km, 19km, mb3.7/8, mbtmp4.0/10, MS3.8/43, Error ellipse: s-maj=38.7km s-min=12.1km az=39.0

ISC 23 23:38:56.8±1.1, 13.00N; 0.05:89.54W; 0.03, h46km±9km, n243, ±153/253, mb4.5/34, MS3.9/39, 1C-5D, Off coast of central America

Main table of seismic events for station 1486, including stations like LALI, JAYA, PANCS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Direccin Gen, Universidad Do, Cerro Verde, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like El Cardon, Finca el Limon, Nandamos, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like Deep Springs, Little Huntoon, Bozeman, etc.

24d Oh

Table with columns: TXIG, HLIG, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tlaxiaco, Huajuapán de L.

PGC 23 23:43:46.0:1.1, 48°34'N-130°10'W, h10km, ML3s, 1/17, Mw3.7/17.274km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Main station list for PGC 23 23:43:46.0:1.1, 48°34'N-130°10'W. Includes stations like NEPTUNE Canada, Port Hardy, Woss, Gold River, etc.

CATAC 23 23:56:32.0:2.0, 12°92'N-89°57'W, h20km, 5km, ML3.5 SNET 23 23:56:33.2:1.2, 12°96'N-89°53'W, h21km, 4km, ML3.3 ISC 23 23:56:31.9:2.0, 12°92'N-0°08:89:57W:0.05, h19km, 3km, n45, c041/68, Off coast of central America

Main station list for CATAC 23 23:56:32.0:2.0, 12°92'N-89°57'W. Includes stations like Alcalda de L, Jaya, Loma Larga, etc.

2018 OCT

Main station list for 2018 OCT. Includes stations like AMKA, ESSG, CSGN, AMKA, ESSG, CSGN, etc.

1488

Main station list for 1488. Includes stations like HOOD, I05D, C03A, J05D, G05A, W05A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PLAL Pickwick Lake, FPAL Fort Paine, SADO Sadova, etc.

JMA 24 00:28:00.0, 1.34, 9N, 0.4, 139.8E, 0.5, h42km, 1km, MV3/3/8, SE OFF BOBO PENINSULA

JMA Felt J1 at SE OFF BOBO PENINSULA, IDC 24 00:28:01.5, 4.5, 34.81N, 139.54E, h55km, 36km, mb3.7/3, mbtmp3.9/4, ML2.7/1, Error ellipse: s-maj=54.8km s-min=25.1km az=79.0

ISC 24 00:28:01.1, 1.0, 34.89N, 0.04, 139.76E, 0.04, h43km, 7km, n24, c0f65/28, mb4.3/3, 7D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TATJ Tateyama 2, JIM2 Oshima 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like H1S1 WAKE ISLAND Hy 28.95 117 T, H1S2 WAKE ISLAND Hy 28.96 117 T, etc.

SOME 24 00:31:11.3, 4.1, 68N, 82.05E, h0km, NNC 24 00:31:17.6, 3.3, 42.05N, 82.12E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=25.3km s-min=13.4km az=149.0

ISC 24 00:31:14.7, 3.7, 41.8N, 0.1, 82.0E, 0.1, h6km, 16km, n9, c071/17, 4C-4D, Southern Xinjiang

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

IDC 24 00:56:22.1, 4.1, 6.10S, 150.05E, h0km, mb3.3/2, mbtmp3.5/2, Error ellipse: s-maj=140.0km s-min=52.7km az=116.0, New Britain region

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

TORD Torodi Ar. Bea 148.05 228.5 PKPbc PKPbc 01 16 10.1 -0.7, IDC 24 01:06:13.3, 1.0, 57.30S, 25.89W, h0km, mb4.1/7, mbtmp4.0/8, ML3.8/1, Error ellipse: s-maj=36.7km s-min=21.3km az=64.0

NEIC 24 01:06:18.7, 0.9, 57.33S, 0.09, 25.7W, 0.3, h35km, 2km, mb4.5/11, Error ellipse: s-maj=25.9km s-min=13.0km az=65.0

ISC 24 01:06:18.7, 0.7, 57.3S, 0.1, 25.6W, 0.2, h35km, n41, c130/33, mb4.3/11, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like H04S2 CROZET ISLANDS 46.25 112 T, H04S3 CROZET ISLANDS 46.26 112 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like FXWY Fox Creek, PLID Pearl Lake, INK Inuvik, etc.

UCR 24 01:20:24.7, 1.0, 10.14N, 84.35W, h79km, 2km, MW3.8, UPA 24 01:20:24.5, 0.5, 10.47N, 83.73W, h104km, 467km, CATAC 24 01:20:26.2, 0.3, 10.16N, 84.34W, h44km, 5km, ML3.2, ISC 24 01:20:26.1, 1.3, 10.16N, 0.04, 84.33W, 0.04, h70km, 6km, n57, c091/78, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TCS1 Tacares, SRA1 San Ramon, BELE Belen, etc.

WEL 24 01:34:14.7, 0.9, 35.8S, 17.9W, 1.7, h132km, 29km, M4.3/12, mb4.5/1, ML4.7/11, MLV4.3/12, Mw(mB)3.7/1, Error ellipse: s-maj=23.7km s-min=4.6km az=114.6, confirmed

NOU 24 01:34:26.1, 36.04S, 178.83W, h71km, MLv3.8/7, East of North Island, N.Z., ISC 24 01:34:11.1, 1.8, 35.09S, 0.1, 178.3W, 0.2, h100km, n43, c1995/58, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, PKGZ Pakihiroa, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MHGZ, KNZ, SNGZ, etc.

FUNV 24 01:38:45.8, 7:75N; 72:20W, h5km, MW3.4
ZSNC 24 01:38:47.7, 0.0, 8 N; 21:7W, h0km, 4km, M2.2, ML1.9
ISC 24 01:38:45.3, 1.7, 8.2N; 0:03, 72:20W; 0:04, h10km, 7km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CAPV, PAMC, OCAC, etc.

KRNET 24 01:46:31.6, 0.1, 40:83N; 78:51E, h15km, mb2.4
NNC 24 01:46:32.5, 2.2, 40:95N; 78:65E, h0km, mb3.0, mpv3.0,
Error ellipse: s-maj=14.9km s-min=10.9km az=171.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TARG, KDJ, PRZ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PDGK, PKGS, KPKS, etc.

KRSC 24 01:56:51.4, 1.6, 48:66N; 156:47E, h7km, 33km, MI3.8,
East of Kuril Islands

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

IDC 24 02:12:45.9, 1.2, 6:18S; 142:77E, h0km, mb3.8/5,
mbtm3.97, ML1.7/1, MS3.3/2, Error ellipse: s-maj=35.7km
s-min=24.2km az=102.0

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

NOU 24 02:17:57.5, 42:08S; 173:43E, h61km, MLV4.0/14, South
Island, New Zealand
WEL 24 02:17:58.3, 0.3, 42:02 S; 2:17 E, h34km, 5km, M3.8/12,
s-min=3.0km az=93.4, confirmed

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MOLW, THZ, WFFS, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LTZ, TCW, AMCZ, etc.

IDC 24 02:31:27.0, 2.0, 19:38S; 179:80W, h520km, 19km, mb2.9/4,
mbtm3.7/6, Error ellipse: s-maj=34.1km s-min=29.1km
az=163.0

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

HLW 24 02:36:12.2, 36:59N; 28:95E, h11km, 19km, MD4.0, MI4.3
MED_RC 24 02:36:13.0, 0.3, 36:30N; 28:69E, h2km, 1km, MW4.2/17,
Moment Tensor Solution: Moment tensor: s17, c20;
Duration: 10. Moment tensor: Scale 10^15Nm;
Mr2: 10e; Ms2: 30e; Mm2: 0.68e; 34; Best double couple:
M2: 820000*10^15 Np1: 168.00000; 853.00000;
1.79.00000; NP2: 66.00000; 838.00000; 1.104.00000;
Principal axes: T 2.2300, P1g78.00000, Azim37.00000; N
0.7800, P1g90.00000, Azim175.00000; P -3.0100, P1g8.00000,
Azim266.00000; nsta1 refers to body waves. nsta2 refers
to surface waves. cutoff=35s.

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

Table with columns for station code, name, frequency, and technical details. Includes stations like DALY Diлян (Mula), SABU Mula-Dalaman, ARG Arkhangelos, etc.

Table with columns for station code, name, frequency, and technical details. Includes stations like SMG Samos, PASA Karahalli, USA, MANT Manisa, etc.

Table with columns for station code, name, frequency, and technical details. Includes stations like ASGA Asgata, GVD Gavdhos, MANT Manisa, etc.

24hr 2h

Table of station data for 24hr and 2h periods, including call signs like ZFRI, MPEP, ASF, etc., and their respective coordinates and status.

2018 OCT

Main table of station data for October 2018, listing call signs, coordinates, and operational status for various stations.

1492

Table of station data for 1492, including call signs like USRK, C23K, B21K, etc., and their respective coordinates and status.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like KKBE, KRMI, SEVD, SEDI, etc.

IDC 24 03:01:21.3:6.4, 1.5:25'S;167.85E, h123km,47km, mb3.6/6, mbtp4.1/7, MS2.5/1, Error ellipse: s-maj=48.2km

NEIC 24 03:01:21.5:2.0, 1.5:15.0;1.167.83E;0.07, h131km,9km, mb4.5/17, Error ellipse: s-maj=19.9km s-min=8.5km

ISC 24 03:01:18.3:0.7, 15.07S;0.09;167.8E;0.1, h100km, n33, r=140/30, mb4.3/14, 3D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like KOUNC, DZM, ONTNC, HNR, TOZ, etc.

IDC 24 03:01:19.3:1.5, 1.48S;120.56E, h0km, mb3.6/3, mbtp3.7/4, ML3.8/1, MS2.7/1, Error ellipse: s-maj=53.6km

DJA 24 03:01:22.4:0.3, 2'S;3.12'OE, h10km, M4.2/10, mb4.3/2, MLv4.1/10

NEIC 24 03:01:22.2:2.2, 1.61S;0.06;120.43E;0.08, h10km, 1km, mb4.6/12, Error ellipse: s-maj=14.3km s-min=9.6km

ISC 24 03:01:23.2:0.7, 1.67S;0.06;120.33E;0.08, h23km, n29, r=164/30, mb4.2/8, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like APSI, SPSI.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like LUWI, BNSI, TOLIZ, KAPI, etc.

NEIC 24 03:17:44.3:1.8, 29.70S;0.04;71.59W;0.05, h35km, 11km, mb4.3/5, ML3.6(GUC), Error ellipse: s-maj=7.5km

GUC 24 03:17:44.3:1.8, 29.70S;0.04;71.59W;0.05, h35km, 11km, mb4.3/5, ML3.6(GUC)

ISC 24 03:17:44.3:1.1, 29.70S;0.04;71.57W;0.07, h42km, 10km, n46, r=683/54, 3C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Code, Station Name, Az, Az2, Phase ID, Time, Res.

IDC 24 03:49:20.6:1.6, 23.79S;179.99E, h529km, 16km, mb3.3/10, mbtp4.1/13, Error ellipse: s-maj=18.9km

NEIC 24 03:49:22.4:1.6, 24.0S;0.1;179.9E;0.1, h546km, 8km, mb4.3/22, Error ellipse: s-maj=19.8km s-min=7.3km

ISC 24 03:49:22.1:0.5, 23.85S;0.08;179.94E;0.10, h550km, n46, r=1500/43, mb4.2/19, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MSVF, DZM, URZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like THZ, RPZ, FOZ, WHZ, etc.

SJA 24 04:01:20.3:0.6, 20.22S;69.30W, h89km, 3km, ML3.8, MW4.0

GUC 24 04:01:21.6:0.7, 20.24S;69.30W, h82km, 2km, ML3.6

ISC 24 04:01:22.1:1.4, 20.25S;0.03;69.35W;0.04, h69km, 8km, n22, r=130/39, 2C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like BELA, YBH, SNAA, etc.

SJA 24 04:01:20.3:0.6, 20.22S;69.30W, h89km, 3km, ML3.8, MW4.0

GUC 24 04:01:21.6:0.7, 20.24S;69.30W, h82km, 2km, ML3.6

ISC 24 04:01:22.1:1.4, 20.25S;0.03;69.35W;0.04, h69km, 8km, n22, r=130/39, 2C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like K5TA, KKAH, HFS, etc.

DJA 24 04:08:51.0,0.3,8'S,6°11'E, h10km, M4.0/12, mb4.2/1, MLV4.0/12
IDC 24 04:09:23.8,7.6,7.12S,118.65E, h330km, 66km, mb2.9/2, mbmp3.5/4, Error ellipse: s-maj=23.5km s-min=19.1km az=56.0

ISC 24 04:08:50.0,0.8,8.17S,0.08x116.47E,0.03,h10km,n16, s=1523/19,Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like SRBI, DNP, PLAI, ALJI, ASEM, etc.

NEIC 24 04:30:12.4,1.2,40.86N,0.02x111.69W,0.05,h18km,5km, Error ellipse: s-maj=5.4km s-min=2.1km az=83.0
UUS 24 04:30:13.0,1.9,40.87N,0.02x111.66W,0.03,h10km,7km, ML2.8/18, ML2.7/12(NEIC), Error ellipse: s-maj=2.8km s-min=2.3km az=78.0, Utah

Large table of station data for NEIC and UUS events, including codes, station names, coordinates, and times.

Table of station data for TPAW Teton Pass event, including codes, station names, coordinates, and times.

ECX 24 04:33:06.9,0.5,31.88N,115.57W, h6km,3km, MD2.9, ML3.0

NEIC 24 04:33:06.3,1.6,31.86N,115.62W,0.02,h10km,2km, Error ellipse: s-maj=3.1km s-min=2.6km az=241.0

PAS 24 04:33:06.8,1.4,31.85N,115.62W,0.02, h19km,6km, ML3.0/25, ML2.9/28(NEIC), Error ellipse: s-maj=2.4km s-min=0.8km az=69.0

MEX 24 04:33:07.7,0.5,31.81N,115.59W, h18km,4km, MD2.8 ISC 24 04:33:05.8,0.9,31.87N,115.60W,0.02,h14km,7km, n70, c090/99,8C-9D, Baja California

Table of station data for ECX, NEIC, PAS, MEX, and ISC events, including codes, station names, coordinates, and times.

Table of station data for JARAX event, including codes, station names, coordinates, and times.

UPA 24 05:26:30.9,0.5,7.17N,77.09W, h4km,5km, MW4.1 RSNC 24 05:26:33.8,0.0,7.7N,177.7W, h27km,3km, M3.3, mb4.5, ML3.0

Table of station data for UPA and RSNC events, including codes, station names, coordinates, and times.

24d 6h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SNH Sunshine Point, CRQM Cirque, J19K Poorman, 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 DAWY Dawson, L29M L29M, F21K Alaina River, 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 KURBB Kurchatov Arra, WRA Warramunga Arr, AEIC 24 06:42:14.0, etc.

Table with columns: ID, Name, Elevation, Wind Speed, Direction, Status, and other details. Includes entries like M17K Holiuna River, O16K Kokwok River B, etc.

Table with columns: ID, Name, Elevation, Wind Speed, Direction, Status, and other details. Includes entries like SPCR Spurr Chakacha, PPLA Purkeypille, etc.

Table with columns: ID, Name, Elevation, Wind Speed, Direction, Status, and other details. Includes entries like C21K Knifeblade Rid, C21K Infeblade Rid, etc.

24d 6h

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like K29M Barlow Dome, O29M Mount Kennedy, G29M Pine Creek, etc.

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Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like KLR Kul'dur, ELK Elko, NVAR Mina Array Bea, etc.

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Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like ARLS Aral, AKASG Malin Array B, AKASG Malin Array Be, etc.

ADC 24 06:57:03.1±2.7, 5.65S; 151.47E, h12km, 16km, mb4.6/21, mbmp4.7/22, ML2.8/1, MS4.2/48, Error ellipse: s-maj=18.2km s-min=11.0km az=99.0 BUJ 24 06:57:05.5±9.9S; 151.61E, h51km, mb4.9/59, mb5.1/26, MS4.7/30, MS7.4/37 MOS 24 06:57:07.1±0.9, 5.52S; 151.17E, h42km, mb5.0/29, Error ellipse: s-maj=1.4km s-min=7.1km az=106.3 GCMT 24 06:57:08.9±0.2, 6.15S; 0.02, 151.25E, 0.02, h33km, MW: 0.86, Moment Tensor Solution: s63, c63, s86, c113; Duration: 0. Moment tensor: Scale 1019Nm; M2.8±0.2; M3-2.5±1.2; M4-0.3±1.3; M5-1.5±1.6; M6-2.2±1.0; M7-0.6±1.7; Best double couple: M4,22200x1016 NP1:0.82,00000°, 0.60,00000°, 127.00000°. NP2: 0.27,00000°, 0.46,00000°, 145.00000°. Principal axes: T 3.8560, Plg58.0000°, Azm45.0000°, N 0.7250, Plg31.0000°, Azm242.0000°; P -4.5880, Plg8.0000°, Azm147.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function NEIC 24 06:57:09.8±2.7, 5.77S; 0.07, 151.38E; 0.09, h53km, 5km, mb5.1/153 Error ellipse: s-maj=13.7km s-min=9.1km az=125.0 DJA 24 06:57:11.8±1.2, 6.55S; 151.17E, h72km, 8km, MS.2/26, mb5.2/3, mb5.1/26, MLV5.3/1, Mw(mb)4.5/3 ISC 24 06:57:08.0±0.4, 5.76S; 0.04, 151.42E; 0.05, h52km, 3km, h52km; p-P, n388, 0141/323, mb5.0/150, MS4.3/62, 9C-10D, New Britain region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, Res. Includes stations like I40PG Keravat, I40PG baz=198, slow=26, I40PG baz=280, slow=375, RABL Rabaul, etc.

24d 6h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MKAR Makanchi Array, MAZK Makanchi, CAST Castle Rocks, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BBB Bella Bella, DLBC Dease Lake, BVAR Borovoye, etc.

1500

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LESA Schwarzleotol, ABTA Abfalterbach, WTTA Wattenberg, etc.

Table with columns: REF, Redoubt East F, 4.77 335, Pn, 06 59 44.9 +0.4, etc. Includes stations like Redoubt, Redoubt West, Drift River, etc.

IDC 24 07:09:03.2±1.6, 17.925±177.47W, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=77.2km s-min=35.2km az=163.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WRR, ASAR, MAW, TXAR, etc.

NEIC 24 07:12:47.60±94N, 167.24W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=0.36; Mw=2.46; Ms=2.82; Mv=1.99; Mw=2.45; Mw=0.58; Fault plane solution: M4, 17.000°/101°/NP1±202.0000°/360.0000°/174.0000°... Azm163.0000°/N 0.0008, Plg60.0000°/Azg304.0000°/P -4.1680, Plg17.0000°/Azm65.0000°

ANF 24 07:12:48.1±0.4, 61.010N, 166.74W, h1km, 3km, ML3.9/38 Error ellipse: s-maj=2.7km s-min=1.5km az=70.0

AEIC 24 07:12:48.0±0.7, 60.96N, 0.04, 166.8W, 0.1, h9km, 6km, ML3.6, ML3.7/90(NEIC), Mw=3.77(CLM), Error ellipse: s-maj=11.0km s-min=3.5km az=63.0

NEIC 24 07:12:48.7±0.8, 60.95N, 0.05, 166.9W, 0.1, h14km, 6km, Error ellipse: s-maj=11.1km s-min=4.5km az=56.0

ISC 24 07:12:48.0±1.7, 60.97N, 0.05, 166.9W, 0.1, h8km, 14km, n147, 0663/150, Southern Alaska

Table with columns: M11K, baz=334, SNR=51, S, Sg, 07 13 09.8 -0.4, etc. Includes stations like K13K, K13K, K13K, etc.

IDC 24 07:15:08.2±1.0, 50.03N, 0.06, 78.3E, 0.1, h0km, n117, 084/23, 17C-6D, Eastern Kazakhstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

ISC 24 07:15:08.2±1.0, 50.03N, 0.06, 78.3E, 0.1, h0km, n117, 084/23, 17C-6D, Eastern Kazakhstan

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Table with columns: H17K, Granite Mounta, 5.11 36, Pn, 07 14 04.5 -0.2, etc. Includes stations like H17K, G17K, M18K, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR07, KUR06, etc.

24h 7h

Table with columns: ZALV, Zalesovo Beam, 5.41 41 Pn, Pn, 07 16 31.3 +1.2, 0.4nm, 0.3s, baz=232, slow=16, SNR=2.3, Lg, Lg, 07 17 59.3

Table with columns: H46RU, ZALESOVO INFRA, 5.41 41 I, I, 07 49 30.0, baz=223, slow=321, SNR=1.8, BVAR, Borovoye Array, 6.04 303 Sn, Sn, 07 17 49.5 +1.1, baz=116, slow=23, SNR=3.7

AFAD 24 07:25:23.0, 0.0, 35.38N:27.96E, h16km, 3km, ML2.4
ISK 24 07:25:27.8, 35.63N:27.91E, h12km, ML2.7/14
ATH 24 07:25:29.6, 35.63N:27.86E, h14km, 2km, ML2.6/3, Error
ellipse: s-maj=6.3km s-min=1.3km az=318.0

THE 24 07:25:30.1, 35.72N:27.80E, h4km, 4km, ML2.6/2, Error
ellipse: s-maj=6.6km s-min=1.2km az=138.0
ISC 24 07:25:23.7, 1.4, 35.36N:0.05, 27.92E:0.03, h12km, 10km,
n41, r1566/59, Dodecanese Islands

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains numerous station entries like KARP Karpathos, ARG Arkhangelos, YAZI Mula-Datja, etc.

NIED 24 07:35:38.6, 38.05N:142.71E, h19km, MW3.8, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm

JMA 24 07:35:38.6, 38.05N:142.71E, h19km, MW3.8, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm

ISC 24 07:35:42.4, 1.5, 38.05N:0.07, 142.66E:0.10, h35km, n26,
r1579/24, mb3.6/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JIKH Ishinomakikubu, JIO Ouri.

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Table with columns: JIO Kesennunamotoy, 1.20 310 eS, Sn, 07 36 14.4 -1.1, JKM JTMT, 07 36 16.6 -1.2, OFUJ OFUJ, 07 36 19.2 -0.8, etc.

Table with columns: ASAJ Asahikawa, 6.06 360 P, Pn, 07 37 15.4 +6.0, USRK Ussuriysk Ar., 10.12 311 P, Pn, 07 38 10.0 +4.8, H1N2 WAKE ISLAND Hy, 27.86 124 T, T, 08 10 37.5, etc.

ISC 24 07:37:11.7, 3.2, 10.34S:120.46E, h0km, mb3.7/2,
mbtm3.5/4, ML3.1/2, Error ellipse: s-maj=259.5km
s-min=29.5km az=51.0, Sumba region

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

NEIC 24 07:37:44.2, 1.5, 15.39S:0.07, 72.05W:0.10, h102km, 8km,
mb4.4/7.2, Error ellipse: s-maj=14.2km s-min=9.6km
az=62.0

VAO 24 07:37:44.7, 0.5, 15.40S:71.98W, h105km, 4km, mb4.2
ISC 24 07:37:45.2, 1.2, 15.32S:72.03W, h109km, 1km, mb3.7/10,
mbtm4.3/16, Error ellipse: s-maj=18.4km s-min=8.9km
az=34.0

ISC 24 07:37:45.6, 0.4, 15.41S:0.05, 72.03W:0.06, h132km,
n143, r1446/122, mb4.3/33, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB18 Visivir, AP01 Chacalluta, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GO01 Husuizque, HM3C Humburstone, TA01 IPEC Arcarena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CZSB Cruzeiro do Su, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PAPY Pozo Azul, SALV Santo Antonio, CO02 Combarbal, etc.

1502

Table with columns: MT03 Universidad Ad, 18.06 176 P, P, 07 41 46.4 -0.6, RPRD Ribas do Rio P, 18.15 109 eP, Pn, 07 41 49.2 -0.2, etc.

Table with columns: BO02 Sierra Bellavi, 19.34 177 Iamb, Iamb, 07 42 05.5, ITTB Itaituba, 19.42 57 eP, P, 07 42 02.1 +0.3, ARAG Araguaiana, MT, 19.48 94 eP, P, 07 42 02.8 +0.3, etc.

Table with columns: PLTB Pedras Altas, 23.40 137 P, P, 07 42 42.9 +0.2, PLTB Pedras Altas, 23.40 137 eP, P, 07 42 42.9 +0.2, GO06 Curarehue, 24.09 179 P, Iamb, 07 42 51.1 +2.1, etc.

Table with columns: RCLB Rio Claro-Sa, 24.18 110 P, P, 07 42 52.0 +2.0, BAUV El Baul, 24.10 10 P, P, 07 42 52.7 -0.2, SPB Sao Paulo, 24.55 113 eP, P, 07 42 54.2 +1.0, etc.

Table with columns: DRIO Del Rio, 52.42 328 P, Iamb, 07 46 45.6 +0.9, MIAR Mount Ida, 53.74 338 P, Iamb, 07 46 54.9 +0.6, TXAR Lajitas Array, 53.96 325 P, P, 07 46 56.8 +0.7, etc.

Table with columns: TX31 Lajitas Ar, SI, 53.96 325 Iamb, Iamb, 07 46 58.9, 121A Cookes Peak, 58.65 325 Iamb, Iamb, 07 47 33.2, SDCO Great Sand Dune, 61.52 330 Iamb, Iamb, 07 47 52.2, etc.

Table with columns: KWAZ Wupatki, 62.88 324 Iamb, Iamb, 07 48 02.4, UNB Unb, 64.77 325 Iamb, Iamb, 07 48 14.5, SHPR Sheep Range, 65.75 323 P, P, 07 48 18.6 +1.9, etc.

Table with columns: PDAR Pinedale Array, 67.38 331 P, P, 07 48 26.1 -0.9, OMMB Old Mammoth Mt, 68.76 321 Iamb, Iamb, 07 48 39.1, NVAR Mina Array Bea, 68.89 323 P, P, 07 48 38.1 +1.6, etc.

Table with columns: FLWY Flagg Ranch, 68.92 331 Iamb, Iamb, 07 48 40.1, SNAAS Sanae, 68.97 162 P, P, 07 48 38.1 +1.7, SNAAS Sanae, 69.07 162 P, P, 07 48 37.9 +1.6, etc.

Table with columns: YNE Yellowstone No, 69.31 332 Iamb, Iamb, 07 48 41.9, YHL Heggben Lake, 69.73 331 Iamb, Iamb, 07 48 46.5, PNTR Pine Nut, 70.08 322 Iamb, Iamb, 07 49 08.7, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, etc.

24d 9h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WAKE ISLAND and Lobatse.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Mapaga and Ampanga.

NNC 24 08:53:44.5 1.5, 44.74N, 81.86E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=19.8km s-min=4.9km az=120.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Jarkent and Kapalar.

IDC 24 09:02:31.4 1.1, 1.51S, 120.56E, h0km, mb3.8/5, mbtmp3.8/6, ML3.7/1, MS3.1/4, Error ellipse: s-maj=50.9km s-min=18.5km az=67.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Ampanga and Sidrap.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Bulukumba and Cibinong.

IDC 24 09:09:25.2 1.7, 0.99N, 126.89E, h0km, mb3.5/4, mbtmp3.6/4, Error ellipse: s-maj=169.8km s-min=21.7km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Warramunga Arr and Alice Springs.

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IDC 24 09:11:18.7 2.8, 31.81N, 138.75E, h212km, 36km, mb3.1/6, mbtmp3.7/7, Error ellipse: s-maj=67.1km s-min=17.6km az=74.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Boso 1 and Boso 2.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kurrb Kurchatov Arra and WRA Warramunga Arr.

JMA 24 09:18:12.5 0.3, 32.1N, 112.9E, h11km, 4km, MV3.7/30, SW OFF KYUSHU, NIED 24 09:18:12.5 31.78N, 128.85E, h11km, MW3.8, Moment Tensor Solution.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Jarkent and Kapalar.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JSJ Shimokoshi and JSU Fukue jima 2.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like NGSJ Nagasakiomoza and JHD Honido.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JKTJ Tanegashima 3 and KRSR Korea Array.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SONM Sogingo Array and DAV Dawa City (W).

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like YAK Yakutsk and ZALV Zalesov Beam.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MKAR Makanchi Array and KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WRA Warramunga Arr and FINES Finess Array B.

JMA 24 09:32:40.1 0.6, 31.1N, 133.14E, h48km, MV3.8/14, NEAR TORISHIMA IS, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like HJCJ Hachijojimakas and JMKN Mikojanimanish.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MSJV Nonsavu and DZM Mont Dumac.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PPT Papeete and HNR Honiara.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like STKA Stephens Creek and STKA Alice Springs.

1504

Table with columns: SNAA Sanae, CMAP Chiang Mai Arr, LVC Limon Verde, ULM Lac du Bonnet, AKASG Malin Array Ba.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ZALV Zalesov Beam and ZALV Mount Meron Arr.

IDC 24 09:45:01.3 3.3, 53.78N, 87.94E, h0km, mbtmp3.1/2, ML3.2/2, Error ellipse: s-maj=37.5km s-min=17.9km az=28.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WUSU Wushi and WUSU Taragay, Kyrgy.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TARG Taragay, Kyrgy and TARG Taragay, Kyrgy.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PRZ Przhval'sk and PRZ Przhval'sk.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KDJ Kajsay and KDJ Kajsay.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ULHL Ulahol and ULHL Ulahol.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PDGK Podgomorye and PDGK Podgomorye.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TNSH Tian-Shan and TNSH Tian-Shan.

Table listing station data for stations CTAO through MAJO. Columns include station name, coordinates, elevation, and other parameters.

Table listing station data for stations MAJO through WYBR. Columns include station name, coordinates, elevation, and other parameters.

Table listing station data for stations BJL through WYBR. Columns include station name, coordinates, elevation, and other parameters.

24d 11h

Table of station data for the 24d 11h period, including columns for station name, coordinates, and various data points.

2018 OCT

Main table of station data for 2018 OCT, listing station names, coordinates, and other relevant information.

1508

Table of station data for the 1508 period, including station names and coordinates.

DJA 21 11:30:14.6±4.4, 1°N, 4°E, h27km, 48km, M3.8/9, mb4.3/2, mb5.0/1, MLV3.9, Mw(mb)4.3/1, Northern Molucca Sea

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

IDC 21 11:34:31.0±4.0, 14°47'S, 168°02'E, h0km, mb4.4/19, mbmp4.5/22, ML+4.9/3, MCS3.8/4, Err: ellipse: s-maj=16.0km s-min=15.6km az=124.0

NOU 24 11:34:32.9, 14°15'S, 167°97'E, h0km, mb5.0/43, Vanuatu Islands

NEIC 24 11:34:37.3±2.0, 14°51'S, 0°08'168'E, 0.0:1, h34km, 5km, mb4.8/125, Err: ellipse: s-maj=14.8km s-min=11.2km az=72.0

ISC 24 11:34:36.2±0.4, 14°51'S, 0°05'167.99E, 0.0:05, h30km, m207, 0:090/159, mb4.8/95, MS3.8/3, 10, Vanuatu Islands

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

1509

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BKZ Black Stump Fm, CMSA Cobar Meteorol, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MAW Mawson, ULN Ulanabat, etc.

24d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KKAR, TRKS Terek-Say, etc.

SOME 24 11:59:50.6; 41:00N:78:65E, h0km
KRNET 24 11:59:50.1; 0.1, 40:97N:78:71E, mb2.6
NNC 24 11:59:51.5; 1.8, 40:94N:78:60E, h0km, mb3.5, mpv3.1

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like PRZ Przewalski, KDJ Kojima, etc.

KRNET 24 11:47:43.0; 1.1, 43:45N:69:50E, mb2.7
SOME 24 11:47:44.9; 43:60N:69:82E
NNC 24 11:47:45.4; 0.7, 43:65N:69:78E, h0km, mb3.5, mpv3.3

24d 15h

Table with columns: DJR, KRBS, KRBS, KRBS, KRBS. Includes station names like Jarkent, Karabastau, Karabastau, Karabastau, Karabastau and various parameters like 1.1nm, 0.5s, 3.56 12 eP, etc.

IDC 24 12:19:17.7-0.8, 38.82S:78.40E, h0km, mb4.1/10, mbtmp4.1/10, MS3.8/23, Error ellipse: s-maj=25.4km s-min=19.7km az=157.0

NEIC 24 12:19:20.8-0.8, 39.00S:07.47E, h10km, mb4.8/24, Error ellipse: s-maj=21.8km s-min=5.5km az=302.0

GCMT 24 12:19:20.8-0.4, 38.85S:02.7795E, h25km, 1km, MW4.9/76, Moment Tensor Solution, s12,c15; s7,c6; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.66; 16; Mw=2.02; 13; Ms=2.68; 14; Me=1.00; 28; Mb=0.28; 13; Mw=0.17; 23; Best double couple: M=2.60000, 1016; NP1=135.00000, 574.00000, lambda=156.00000; NP2=9.380000, 667.00000, lambda=18.00000; Principal axes: T 2.7150, Plg4.0000, Azm266.0000; N -0.1120, Plg61.0000, Azm168.0000; P -2.6050, Plg28.0000, Azm358.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 12:19:19.9-0.5, 38.9S:01.7840E, h10km, n56, c082/33, mb4.6/19, MS4.0/23, Mid-Indian Ridge

Main table for 24d 15h section, listing station names, codes, times, and residuals. Includes stations like H04N2, H04N1, H04N3, H01W2, H01W3, H01W1, MAW, MAW, H08S2, H08S1, H08S3, PSA00, MBWA, MBWA, FORT, FORT, SOE, SOE, BOSA, BOSA, BOSA, BOSA, PALK, LBTB, SUR, SUR, ASAR, ASAR, AS31, BATI, KNRA, KNRA, LSZ, KAPI, SNA, SNA, SNA, STKA, STKA, QSPA, QSPA, QSPA, WRA, WRA, WRA, WB2, WB2, WRAB, WRAB, WB0, WR0, MTN, MTN, LUWI, TSMUR, CMAR, CMAR, EIDS, EIDS, COEN, COEN, DAV, PMG, PMSA, DZM, HNR, AAK, MKAR, MKAR.

2018 OCT

Table with columns: MSVF, TORD, KURBB, MJAR, KLR. Includes station names like Nonsavu, Torodi Arr, Kurchatov Arr, Matsuhiro Arr, Kuldur and various parameters like 0.6nm, 0.8s, 86.28 110 LR, etc.

NNC 24 13:23:53.8-0.6, 47.741N:82.36E, h0km, mb3.1, mpv2.6, Error ellipse: s-maj=5.3km s-min=3.1km az=90.0

SOME 24 13:23:54.4, 47.40N:82.00E, h0km

ISC 24 13:23:53.4-1.0, 47.571N:0.068229E, h19km, n6, c183/10, 3C-5D, Kazakhstan-Xinjiang border region

Table with columns: MK31, MAK2, MAK3, ZSN, ZSN, KAPS, KAPS, KURBB, KURBB, KURK, KURK, KURK. Includes station names like Makanchi Array, Makanchi, Zaisan, Zaisan, Kapparasan, Kapparasan, Kurchatov Arra, Kurchatov Arra, Kurchatov, Kurchatov, Kurchatov and various parameters like 0.71 180 Op, etc.

IDC 24 14:12:37.1-1.1, 16.41S:177.88E, h0km, mb3.8/5, mbtmp3.8/5, MS3.6/22, Error ellipse: s-maj=29.6km s-min=20.9km az=86.0

ISC 24 14:12:40.4-1.0, 16.43S:010177.9E, h21km, n26, c090/7, mb3.9/5, MS3.9/21, Fiji Islands

Main table for 2018 OCT section, listing station names, codes, times, and residuals. Includes stations like MSVF, MSVF, RAO, HNR, RAR, URZ, CTA, PPT, STKA, WRA, ASAR, ASAR, JCJ, ASAJ, QSPA, YBH, YBH, LPIG, NVAR, NVAR, BBB, ELK, ILAR, ILAR, DLBC, NEW, PMSA, ANMO, PDAR, PLCA.

IDC 24 14:30:37.0-43.0, 18.10S:179.26W, h575km, 119km, mb2.7/3, mbtmp3.7/4, Error ellipse: s-maj=868.9km s-min=127.4km az=81.0, Fiji Islands region

Table with columns: MSVF, STKA, WRA, ASAR, ILAR, ILAR, TORD. Includes station names like Nonsavu, Stephens Creek, Warramunga Arr, Alice Springs, Eielson Array, Eielson Array, Torodi Arr, Bea and various parameters like 2.59 278 Op, etc.

1510

ISC 24 14:58:08.4-1.0, 8.29N:0705:82.94W, h27km, 8km, n20, c070/31, 1C-3D, Panama-Costa Rica border region

Table with columns: PTPM, LIMO3, LIMO3, LPPC, PIRO, PIRO, PIRO, PEDE3, PEDE3, JIME, JIME, DVD, DVD, PEDE3, PEDE3, BRU2, BRU2, BRU2, LOMA3, LOMA3, BCO2, BCO2, PTAR3, PTAR3, EDPA2, EDPA2, DRKO, DRKO, DRKO, BUS1, BUS1, LCR2. Includes station names like Petroterminal, Limones, Paso Canoas, Carate, Puerto Jimenez, David, Pedregal, Chir, Volcan, Volcan, Las Lomas, Palмира, Potrerillos Ar, Las Palmas La Grande, Durika, Durika, Rivas, La Lucha 2 and various parameters like 0.11 145 Op, etc.

TEH 24 15:13:39.1, 27.27N:57.78E, h6km, 312km, ML3.5, OMAN 24 15:13:39.5, 1.6, 27.26N:57.84E, h10km, mb3.7/5, m3.0/21, ms2.5/1, Error ellipse: s-maj=16.0km s-min=9.7km az=3.0

ISC 24 15:13:39.9-0.9, 27.23N:0.03:57.78E, h10km, n42, c1544/54, Southern Iran

Main table for 1510 section, listing station names, codes, times, and residuals. Includes stations like KHJN, IBND, JASK, JASK, JASK, GENO, BANOM, SHME, SHME, KBAM, MDH, MASF, UMJ, NGRK, UOSS, HADR, CHBR, NAZ, ASHO, SOHO, KHGB, ASUD, ZHDN, NGCH, ALNE, HOQ, HOQ, BIDO, ARQ, ARQ, ARQ, SRVN, SMDO, BSY, BSY, WBK, JMD0, JMD0, IMEH, UMZA, UMZA, JLJN, MHTO, MHTO, TRNA, DOM, DOK, DOK, DMTO, DMTO, WBFO, RBK, ABTO.

ISK 24 15:15:04.9, 35.83N:31.88E, h22km, ML2.5/29

AFAD 24 15:15:06.6, 0.1, 35.97N:31.90E, h44km, ML2.4

NIC 24 15:15:06.8, 35.86N:32.22E, h15km, M2.27

ISC 24 15:15:03.1, 2.1, 35.85N:0102:31.85E, h102.02, h12km, 10km, n63, c135/83, Cyprus region

Table with columns: GAZI, GAZI, GAZI, ALAN, AKMS, AKMS, AKMS, AKMS, ALFC, ALFC, ALFC, BOZY, BOZY, MNVG, TEKE, LEF, LEF, LEF, ERMK, ERMK, ERMK, BERE, BERE, NATA, NATA, NATA, NATA, TROD, TROD, TROD. Includes station names like Gazipasa, Gazipasa, Gazipasa, Alanya-ANTALYA, Akamas, Akamas, Akamas, Akamas, Alefka, Alefka, Alefka, Bozyazma-Mersin, Bozyazma-Mersin, Manavgat-Antal, Tekeli-Mersin, Lefka, Lefka, Lefka, Ermenek, Ermenek, Ermenek, Bereket-Mersin, Bereket-Mersin, Nata, Nata, Nata, Nata, Troodos, Troodos, Troodos and various parameters like 0.54 44 Op, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Contains station data for AML, including codes like TROD, HDMB, YORU, AKUM, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Contains station data for CMARA Lajas Hojanca, including codes like PMG, PMG, WRA, ASAR, STKA, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Contains station data for NIKH, KOPF, ATKA, OKSP, etc., including codes like NIKH, KOPF, ATKA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MASAI Masohti, FAKI Fak Fak, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like YAIQ Coxquihui, CXUV CXUV, PETF Flores, etc.

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

IDC 24 17:11:57.8, 1.9, 15.65N, 94.78W, h0km, mb3.8/6, mbmp3.8/7, ML4.5/2, MS3.3/5, Error ellipse: s-maj=41.8km

NEIC 24 17:12:05.3, 2.3, 15.94N, 0.05-94.90W, 0.04, h39km, 11km, mb4.4/63, ML4.5/64(MEX), Error ellipse: s-maj=7.9km

MEX 24 17:12:06.0, 6.0, 15.98N, 94.93W, h30km, 11km, MD4.5, ISC 24 17:12:05.0, 1.0, 15.93N, 0.04-94.92W, 0.02, h36km, 11km, n133, e200/177, mb4.1/11, MS3.2/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CARR Arriaga, CMIG Matias Romero, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SAND Sanderson, TX31 Lajas Arr, TXAR Lajas Array, etc.

IDC 24 17:26:05.8, 2.1, 32.97N, 90.29E, h0km, mb3.3/3, mbmp3.2/5, ML4.2/1, Error ellipse: s-maj=147.2km

IDC 24 17:44:49.1, 0.9, 7.84S, 118.83E, h0km, mb3.9/7, mbmp3.9/10, ML3.6/3, MS2.5/2, Error ellipse: s-maj=44.1km s-min=15.7km az=59.0

NEIC 24 17:44:50.6, 1.3, 7.79S, 0.08-118.8E, 0.1, h10km, 1km, mb4.1/13, Error ellipse: s-maj=24.1km s-min=8.1km az=59.0

DJA 24 17:44:53.6, 2.2, 8.53S, 119.9E, h25km, 22km, M4.1/13, mb4.0/2, MLV4.1/13

ISC 24 17:44:53.9, 0.6, 7.77S, 0.04-118.99E, 0.05, h34km, n60, e1516/66, mb4.0/12, Flores Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arr, etc.

IDC 24 17:21:51.7, 1.0, 30.24N, 87.94E, h0km, mb3.8/10, mbmp3.8/11, ML3.0/1, MS3.2/5, Error ellipse:

IDC 24 17:21:51.7, 1.0, 30.24N, 87.94E, h0km, mb3.8/10, mbmp3.8/11, ML3.0/1, MS3.2/5, Error ellipse:

Table with columns: STKA, Stephens Creek, 31.91 142 P P, 17 51 15.6 -0.8, Makanchi Array, 63.37 333 P Iamb Iamb, 17 55 19.1 -0.8, Kurban Kurchatov Arra, 67.37 334 P P, 17 55 49.2 +0.4, ZALV Zalesov Beam, 67.90 339 P P, 17 55 49.2 +0.3, BVAR Borovoye Array, 73.22 332 P P, 17 56 21.6 +0.2, SBA Scott Base, 74.19 171 P P, 17 56 28.6 +1.8, ABKAR Akbulak array, 76.56 325 P P, 17 57 40.8 0.0, QSPA South Pole Qui, 82.21 180 P P, 17 57 12.4 +0.9, SNAAS Sanae, 92.17 196 P Iamb, 17 57 59.0 -0.8

TAP 24 18:03:26.2, 24.81N, 122.87E, h135km, ML2.7, D JMA 24 18:03:27.9, 0.2, 25.2N, 123.0E, 0.6, h115km, 2km, MV1.5/10, NW OFF ISHIGAKIJIMA IS

ISC 24 18:03:26.9, 1.7, 24.77N, 0.06, 122.88E, 0.03, h128km, 1.0km, n53, c0.82/89, 1.3C, Taiwan region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like YONG, YOJ, YOY, EOSE, EOS2, EOS3, EOS4, EOS4, IRIF, TIPB, WFSB, EWUT, ENA, TWE, HATJ, PCYT, JKRS, FUSB, ENT, JIJ, NWLT, LATG, LATG, NACB, JISG, TWD, YHNB, NSK, ET LH, NNSB, NNSB, ETM, LXIB, SHUL, FUSS, WHF, NFF, ESL, JTJ, LIOB, NSTT, WARB, OWD, WHP, HGSD, EHY.

Table with columns: EHY, YULB, YULB, SSLB, TWF1, TYC, TYC, FULB, FULB, WHYT, WHYT, JMWJ, ALS, ALS, EDH, EDH, EDH, STYH, STYH, TPUB. Rows include stations like EHY, YULB, SSLB, TWF1, TYC, FULB, WHYT, JMWJ, ALS, EDH, STYH, TPUB.

NEIC 24 18:12:24.5, 1.5, 18.1S, 0.2x178.4W, 0.1, h575km, 7km, mb4.242, Error ellipse: s-maj=25.0km s-min=16.7km az=146.0

IDC 24 18:12:24.0, 9.18, 28S, 178.26W, h579km, 9km, mb3.4/13, mbmp4.3/15, Error ellipse: s-maj=16.9km s-min=11.8km az=139.0

BGR 24 18:12:28.2, 17.52S, 178.12W, h600km, 10km, mb3.4/13, mbmp4.3/15, Error ellipse: s-maj=16.9km s-min=11.8km az=139.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MSVF, MSVF, MSVF, MSVF, FUTU, PINNC, DZM, DZM, URZ, EIDS, CTAO, TOO, TOO, COEN, STKA, AS31, ASAR, ASAR, ASAR, MTN, KNRA, MBWA, MORW, JAGI, MJAR, QSPA, SSSLB, PETK, PETK, KRSR, NVAR, O18K, KVN, M16K, J05D, PINE, I07A, Q12A, U15A, G08A, GHO, J18K, DUN6, HAWA.

Table with columns: HAWA, CAST, D08A, CCB, TX31, TXAR, ILAR, YHL, PDAR, CMAR, BVAR, BSEG, BNN, BURAR, OJC, BRTR, BRTR, CLZ, CLL, BRG, MMAL, PLN, MANZ, ROTZ, TNS, KHC, GEC2, GEC2, GEC2, GERE, CONA, RONA, WLF, ARSA, BFO, LESA, SOKA, UBR, RETA, WTTA, MOTA, MYKA, SQT, ABTA, DAVA, FETA, STAL, FUORN, ESDC. Rows include stations like HAWA, CAST, D08A, CCB, TX31, TXAR, ILAR, YHL, PDAR, CMAR, BVAR, BSEG, BNN, BURAR, OJC, BRTR, CLZ, CLL, BRG, MMAL, PLN, MANZ, ROTZ, TNS, KHC, GEC2, GERE, CONA, RONA, WLF, ARSA, BFO, LESA, SOKA, UBR, RETA, WTTA, MOTA, MYKA, SQT, ABTA, DAVA, FETA, STAL, FUORN, ESDC.

IDC 24 18:37:11.9, 0.8, 32.39S, 79.92E, h0km, mb4.0/8, mbmp4.0/8, MS3.4/5, Error ellipse: s-maj=27.4km s-min=25.8km az=108.0

NEIC 24 18:37:14.1, 1.4, 32.5S, 0.2x80.01E, 0.05, h10km, 1km, mb4.5/12, Error ellipse: s-maj=25.5km s-min=6.6km az=179.0

ISC 24 18:37:13.6, 0.7, 32.5S, 0.1x80.0E, 0.1, h10km, n38, c0.55/22, mb4.3/12, MS3.3/5, Broken Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like H04N2, H04N1, H04N3, H08S2, H08S1, H08S3, H04S1, H04S3, H04S2, H01W2, H01W3, H01W1, NWA0, BOSA, BOSA, LBTB, ASAR, ASAR, SUR, SUR, WRA, WBO, WBO, WRO, WRO, KMBO, TSUM, TSUM, SNAAS, SNAAS, QSPA.

24d 19h

Table with columns: Code, Station Name, Az, Az, Op, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like South Pole Qui, Ar Rayn, Karatay Array, Kurchatov Arra, etc.

IDC 24 18:46:43.7, 1.8, 1.43N, 126.09E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=178.4km s-min=22.3km az=66.0

DJA 24 18:46:46.0, 0.3, 1.1N, 5.7E, h10km, M3.2/6, MLV3.2/6, ISC 24 18:46:45.0, 1.3, 1.4N, 0.1, 126.5E, 0.1, h10km, n8, r1996/8, mb3.5/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az, Op, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Ternate, Cibinong, Samana, Warramunga Arr, ASAR, Makanchi Array, Kurchatov Arra, etc.

NEIC 24 19:22:25.1, 1.5, 18.0S, 0.1, 178.5W, 0.1, h584km, 8km, mb4.3/37, Error ellipse: s-maj=26.4km s-min=7.7km az=138.0

IDC 24 19:22:26.3, 1.9, 17.67S, 178.71W, h593km, 20km, mb3.3/8, mbtmp4.3/10, Error ellipse: s-maj=62.9km s-min=15.7km az=148.0

ISC 24 19:22:24.5, 0.6, 18.1S, 0.1, 178.5W, 0.1, h579km, n54, e682/54, mb4.2/27, Fiji Islands region

Main table with columns: Code, Station Name, Az, Az, Op, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Nonsavu, Afifamalu, Pines Island, DZM, Foz, WKZ, EIDS, MLZ, ARMA, WHZ, CTAO, CAN, TOO, STKA, WBO, WRD, WB0, WB2, WRAB, WRA, AS31, ASAR, MTN, KNRA, SOEI, QSPA, NVAR, O18K, KVN, M17K, K15K, L18K, I07A, K17K, U15A, GHO, SCM, SEY, CCB, MG03, IMAR, ILAR, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az, Op, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like TXAR, Lajitas Array, MCMT, PDAR, BURAR, etc.

KRNET 24 19:36:42.3, 0.1, 39.02N, 74.75E, h20km, mb3.3

SOME 24 19:36:43.0, 39.08N, 74.55E, h15km

NINC 24 19:36:47.3, 1.4, 39.26N, 74.50E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=10.5km s-min=7.3km az=170.0

ISC 24 19:36:44.9, 1.6, 39.14N, 0.07, 74.51E, h10km, n38, e264/63, 26C-15D, Southern Xinjiang

Main table with columns: Code, Station Name, Az, Az, Op, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Sufi-Kurgan, Salom-Alik, Osh, Karamyk, Arslanbob, Naryn, ARLS, Batken, Amlayashu, Arkit, Terek-Say, Boom, KDJ, FRU1, MRKS, CHMS, TKM2, TKM2, KST, MTBS, TNS5, SGDS, MDOK, KARABASTA, KTBS, KUR, SATY, KU, KU3, KU4, KK31, KK31, CHHK, KURS, KURS, KP, etc.

1514

Table with columns: UZB, Uzunbulak, 5.25, 39, Pg, Pb, 19 38 19.4 +2.5, etc.

KRNET 19:41:50.1, 0.1, 39.16N, 74.52E, h8km, mb3.3

SOME 24 19:41:50.2, 39.23N, 74.40E, h5km

NINC 24 19:41:53.4, 2.0, 39.22N, 74.59E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=15.5km s-min=8.7km az=165.0

ISC 24 19:41:51.2, 1.3, 39.22N, 0.06, 74.51E, h10km, n36, e282/63, 18C-17D, Southern Xinjiang

Main table with columns: Code, Station Name, Az, Az, Op, Phase, ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Sufi-Kurgan, Salom-Alik, Osh, Karamyk, Arslanbob, Naryn, ARLS, Batken, Amlayashu, Arkit, Terek-Say, Boom, KDJ, FRU1, MRKS, CHMS, TKM2, TKM2, KST, MTBS, TNS5, SGDS, MDOK, KARABASTA, KTBS, KUR, SATY, KU, KU3, KU4, KK31, KK31, CHHK, KURS, KURS, KP, etc.

24d 21h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like San Fabin, Camacan, NBAN, etc.

IDC 24 20:12:48.9-0.7, 58.21S:23.82W, h0km, mb4.3/9, bmtmp4.3/11, ML4.6/2, MS3.4/11, Error ellipse: s-maj=21.1km s-min=19.3km az=55.0

NEIC 24 20:12:49.0-1.2, 58.47S:0.07:23.8W:0.2, h10km, 2km, mb4.6/21, Error ellipse: s-maj=20.0km s-min=9.7km

ISC 24 20:12:50.0-0.6, 58.30S:0.09:23.85W:0.09, h10km, n45, e0.97/41, mb4.6/17, MS3.3/10, 10C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Hope Point, Neumayer-Stat, VNA1, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PMSA, Palmer Station, Efi, MG02, etc.

TEH 24 20:34:25.7, 34.44N:45.95E, h12km, 305km, ML2.6, ISN 24 20:34:26.4-1.1, 34.44N:45.94E, h12km, 9km, ML2.6

ISC 24 20:34:26.4-1.1, 34.44N:45.94E:0.03, h11km, 12km, n12, e0.52/17, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Ghasr-e-Shirin, Gilan-e-Gharb, etc.

IDC 24 20:39:52.8-1.6, 2.44S: 139.21E, h0km, mb3.5/5, bmtmp3.8/7, ML3.9/2, Error ellipse: s-maj=56.1km s-min=23.2km az=103.0

ISC 24 20:39:54.5-1.4, 2.55S:0.2:139.1E:0.3, h10km, n7, c1.12/6, mb3.7/4, Near north coast of Iran Jaya

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Bati, Wra, Wra, Fitz, etc.

IDC 24 21:07:43.0-2.0, 6.79S: 146.67E, h128km, 20km, mb3.6/11, bmtmp3.9/13, Error ellipse: s-maj=28.7km s-min=18.1km az=93.0

1516

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PMG, Port Moresby, PMG, etc.

IDC 24 21:07:41.1-0.7, 6.63S: 0.07:146.6E:0.1, h100km, n44, e1.94/54, mb3.9/12, Eastern New Guinea region

IDC 24 21:10:38.5-1.1, 0.14S: 165.15E, h0km, mb4.1/4, bmtmp4.1/5, ML3.3/9, MS3.3/1, Error ellipse: s-maj=201.7km s-min=33.8km az=54.0

ISC 24 21:10:43.2-1.2, 14.61S:0.09:165.2E:0.2, h35km, n6, e0.65/7, mb4.0/4, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LUES, DZM, DZM, etc.

IDC 24 21:19:21.9-2.1, 314.0, 6.98S: 148.41W, h0km, Error ellipse: s-maj=160.0km s-min=118.4km az=77.0, South Pacific Ocean

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MARQUESAS ISLA, TAHITI-TARAVAO, etc.

NEIC 24 21:28:01.9-2.2, 36.597N:0.007:117.97W:0.01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.0km az=337.0

PAS 24 21:28:03.0-1.8, 36.602N:0.110:117.98W:0.02, h1km, 7m, ML3.8/268, ML3.5/9, REN, ML3.9/92, NEIC, Error ellipse: s-maj=2.4km s-min=1.4km az=75.0

REN 24 21:28:02.7-1.9, 36.610N:0.010:117.96W:0.02, h6km, 5km, Error ellipse: s-maj=1.9km s-min=1.5km az=83.0

ISC 24 21:28:02.5-0.9, 36.60N:0.01:117.98W:0.02, h14km, 8km, n92, e0.55/16, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Cottonwood Cre, MFS, MFS, etc.

IDC 24 21:07:43.0-2.0, 6.79S: 146.67E, h128km, 20km, mb3.6/11, bmtmp3.9/13, Error ellipse: s-maj=28.7km s-min=18.1km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like GRAC Grapevine Rang, WPM Volcano Peak E, WPMV Manual Prospec, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like CCUT comp=N,52nm,0.8s, LCMT comp=E,41nm,0.8s, Little Creek Mt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like GSPA South Pole Qui, IDC 24 22:08:44.9-4.2, 2.29'46N-143'59E, etc.

24d 23h

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

MOS 24 23:12:17.0, 1.8, 46:99N;152:82E, h81km, mb4.7/4, Error ellipse: s-maj=13.5km s-min=8.0km az=66.1

SKHL 24 23:12:17.2, 2.0, 47:00N;153:10E, h90km, mb5.0/11, mbv5.4/4, msh5.7/9

NEIC 24 23:12:20.6, 0.5, 47:2N;02:152:6E;0.2, h87km, 10km, mb4.4/12, Error ellipse: s-maj=26.4km s-min=13.8km az=146.0

IDC 24 23:12:21.2, 2.4, 47:19N;152:71E, h97km, 21km, mb3.6/15, mbtmp4.0/20, MS3.0/2, Error ellipse: s-maj=19.7km s-min=13.3km az=147.0

ISC 24 23:12:20.8, 0.6, 47:18N;0:07:152.74E;0.07, h100km, n80, a173/79, mb4.2/22, 2D, Kuril Islands

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

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Main table with columns: YUK, YUK, YUK, etc. Includes stations like YUK Yuzh-Kuril'sk, YUK Khotutka, etc.

1518

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMAL Mount Meron Ar, HO3N2 Juan Fernandez, etc.

SJA 24 23:14:15.4, 0.8, 23:02S;68:04W, h136km, 5km, ML3.9, MW3.8

IDC 24 23:14:16.2, 0.7, 22:86S;67:92W, h125km, 9km, mb3.8/6, mbtmp4.2/10, Error ellipse: s-maj=19.4km s-min=15.8km az=122.0

NEIC 24 23:14:16.6, 1.9, 23:02S;0:06:68:11W;0.1, h131km, 5km, mb4.2/13, ML4.0(GUC), Error ellipse: s-maj=15.4km s-min=8.7km az=97.0

GUC 24 23:14:16.4, 0.6, 23:01S;68:11W, h142km, 3km, ML4.2

VAO 24 23:14:17.2, 0.7, 22:78S;67:84W, h122km, 6km, mb4.4

ISC 24 23:14:16.2, 0.6, 22:98S;0:03:67.99W;0.05, h133km, 5km, n92, a162/121, mb4.3/8, 3C-6D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, etc.

1519

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Curarrehue, Araguaiana, Paso Flores, Puerto Octay, etc.

IDC 24 23:48:46.5, 50.0, 16:22S-178:37W, h0km, mb4.0/3, mbtmp4.0/3, MS3.2/1, Error ellipse: s-maj=912.1km s-min=164.7km az=77.0, Fiji Islands region

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

IDC 25 00:13:38.4, 0.8, 16:58S-177:63E, h0km, mb3.9/10, mbtmp3.9/10, MS3.4/7, Error ellipse: s-maj=23.7km s-min=17.6km az=81.0

ISC 25 00:13:42.1, 0.8, 16:59S-177:6E, 0.2, h24km, n16, e1910/12, mb3.8/10, MS3.5/6, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Novsava, Mont Dzumac, Rarotonga, Stephens Creek, Warramunga Arr, Alice Springs, Narogin, Papa Nui, Petropavlovsk, South Pole Qui, Mina Array, Elko, Chiang Mai Arr, Elison Array, Pinedale Array, Songoing Array, etc.

IDC 25 00:22:21.3, 393.0, 63.02N-44:42E, h0km, Error ellipse: s-maj=187.8km s-min=116.8km az=8.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I37NO, AKTYUBINSK INF, ZALESKO INFRA, FAIRBANKS INF, etc.

SOME 25 00:58:35.4, 4.97N-84:82E, h5km, NNC 25 00:58:38.4, 1.2, 44.95N-84:75E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=10.2km s-min=4.5km az=121.0

ISC 25 00:58:34.8, 1.9, 44.93N-84:79E, 0.09, h10km, n32, e1547/46, 5C-2D, Northern Xinjiang

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZSN, MK31, MAKZ, MAZK, DJR, DJR, DJR, KAPS, KAPS, KAPS, KAPS, PDGK, PDGK, SHLS, SHLS, SHLS, UZB, UZB, UZB, TDK, TDK, TDK, KPKS, KPKS, KPKS, SATY, SATY, SATY, KURS, KURS, KURS, CHKK, CHKK, CHKK, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, KTBS, KTBS, KTBS, TNSS, TNSS, TNSS, TNSS, KRBS, KRBS, KRBS, KURK, KURK, etc.

IDC 25 01:42:03.0, 2.2, 4:77S-153:03E, h0km, mb4.0/4, mbtmp4.0/4, MS1.9/1, Error ellipse: s-maj=109.1km s-min=24.5km az=122.0

NEIC 25 01:42:10.3, 0.9, 4:85S-151:152:9E, 0.1, h35km, 2km, mb4.5/20, Error ellipse: s-maj=24.1km s-min=12.0km az=43.0

ISC 25 01:42:10.6, 0.9, 4:85S-151:152:8E, 0.1, h43km, n29, e090/30, mb4.1/5, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL, WBO, WBO, WR0, WB2, WB2, WRA, WRA, AS31, ASAR, BITZ, BITZ, BFOO, FORT, PETK, J16K, J16K, etc.

25d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GHO, IMAR, SCM, C19K, MLY, B20K, ILAR, H24K, TOLK, D25K, L29M, I28M, QSPA, KAKR, TORD, etc.

ISK 25 01:45:16.9, 34:68N-33:66E, h28km, ML3.3/34, GII 25 01:45:19.1, 0.4, 34:66N-0:03:33:752E, 0:009, h20km, Mws2.8, confirmed

GRAL 25 01:45:19.8, 0.2, 34:71N-33:74E, h26km, 52km, MD3.2, NIC 25 01:45:19.4, 34:74N-33:64E, h26km, M12.79, AFAD 25 01:45:20.3, 0.0, 34:99N-33:58E, h26km, 1km, ML2.7

ISC 25 01:45:18.8, 0.9, 34:74N-0:02:33:67E, 0:02, h32km, 7km, n139, e1924/183, 4C-7D, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAR1C, MVOU, AKIN, ASGA, CSS, APOL, TROD, LEF, NATA, AKMS, AKMS, AKMS, AKKU, AKKU, TISA, YORU, GULN, YESI, OREN, BOZY, TEPK, IKL, SILI, BERE, SLFK, KEBE, MERSIN, KIZK, KIZK, BHL, GAZI, GAZI, GAZI, DQRL, HWQ, HWQ, ERMK, ERMK, ERMK, ZAHL, etc.

25d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QRWL, HNTI, BEIL, RCHY, SHBL, etc.

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Table with columns: INU, JMN, JGF, MJAR, MAJO, MAJU, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, IAB9, JTD, SSSL, KSR5, USA0B, USA0B, USRUK, COEN, MTN, KNRA, WBO, WBO, WR0, WR0, WRA, FITZ, SONM, ASAR, CMAR, DZM, DZM, STKA, BBOO, MORW, N15K, N15K, M16K, M16K, L16K, L16K, J16K, J16K, N17K, N17K, ZALV, ZALV, MK31, MKAR, MKAR, N18K, N18K, L18K, L18K, MAKZ, MAKZ, N19K, N19K, J19K, J19K, M20K, J20K, SKBT, SKBT, NRIK, NRIK, ILAR, ILAR, BVAR, BVAR, KKAR, ABKAR, ABKAR, ARCES, NVAR, ELK, ELK, FINES, HFS, NOA, NOA. Includes station names like Monobe, Kuroka, Matushiro Arr, etc.

1520

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOPF, ATKA, KOSE, KOKL, KONE, KOWE, GSMV, GSTR, GSTD, GSKC, GADG, ADAG, ADK, ADK, KIWB, KIKV, CLOCO, CLOCO, TASE, NIKH, OKSP, OKSP, OKCE, OKCE, OKTU, MAPS, AMKA, MREP, KSHW, UNP, AKMO, LVA, LVA, ZRO, AHB, AHB, P08K, P08K, P08K, AKSA, WECS, KDAD, KDAD, KTH, SCM, M2AK, CCB, HDA, HDA, IL31, IL31, ILAR, ILAR, H2AK, RIDG, RIDG, J25K, M26K, M26K, SCRK, SCRK, D22K, D22K, B21K, J26K, J26K, D23K, D23K, K27K, K27K, C23K, C23K, EGAK, EGAK, RUBB, H1N2, H1N2, H1N1, H1N1, H1S1, H1S2, H1S3, PDAR, WRA, ASAR, WEL, WEL, PUZ, PUZ, MXZ, CNKG, PKGZ, PKGZ, TWGZ, TWGZ, TKGZ, HAZZ, RUGZ, RIGZ, RIGZ, PRGZ, MWZ, MWZ, RAGZ, RAGZ, KNZ, URZ, URZ, URZ, RUATA, MTHZ, MTHZ, ARHZ, ARHZ, CAPE, MCHZ, MCHZ, BKZ, BKZ, KAHZ, KAHZ. Includes station names like Korovin Flat P, Atka Island, Korovin Southe, etc.

ADC 25 01:46:09.3.2.1, 18°19'N, 145°79'E, h189km, 21km, mb3.0/18, mbTMP=3/20, Error ellipse: s-maj=20.9km s-min=12.0km

ADC 25 02:13:19.8.1.4, 51°93'N, 173°65'W, h0km, mb3.6/3, mbTMP=24.7km, az=142.0, Error ellipse: s-maj=101.5km s-min=12.0km

ADC 25 02:36:44.0.9.38'S, 5°17'9"E, h33km, M3.4/12, ML3.7/12, MLV3.4/12, Error ellipse: s-maj=6.7km s-min=6.1km az=45.9, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KWHZ Kaweka Forest, KWHZ Kereru, Te Maari, etc.

WEL 25 02:36:45.8±1.1, 38°S×17°8'E±1.1, h5km, M1.9/6, ML3.3/7, ML1.9/6, Error ellipse: s-maj=7.7km s-min=4.5km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PUZ Puketiti, PKGZ Pakihiroa, MXZ Matakaoa Point, etc.

IGIL 25 02:42:40.5, 37°00'N, 13°52'W, h31km, ML1.5
MDD 25 02:42:40.3, 1.8, 37°12'N, 13°18'W, h0km, Mb3.7/2, M, mb3.0/2, Error ellipse: s-maj=17.9km s-min=13.1km

INMG 25 02:42:42.1±1.2, 37°02'N, 13°51'W, h5km, ML1.8, Error ellipse: s-maj=9.4km s-min=6.7km az=85.0

ISC 25 02:42:41.6±1.1, 37°22'N, 13°00'W, h10km, n28, r086/41, 2C, Azores-Cape St. Vincent Ridge

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PVFI Vila Bisbo, PMAFR Mafra, MORF Marlete, etc.

EGRO El Granado, PCAS Casimilo, Conde, PESTR Estremoz, etc.

TEH 25 03:03:35.9, 27°26'N, 52°78'E, h20km, 68km, ML3.8

OMAN 25 03:03:36.1, 1.7, 27°51'N, 52°95'E, h14km, 24km, mb4.2/10, m3.9/13, Error ellipse: s-maj=29.4km s-min=6.0km

DSN 25 03:03:38.2±1.2, 27°24'N, 52°86'E, h15km, ML3.5/11, Error ellipse: s-maj=14.5km s-min=5.9km az=169.0

ISC 25 03:03:34.0±0.4, 27°35'N, 0°03'52'E, 0°03'10"E, h10km, n154, r140/164, mb4.0/24, MS3.3/11, 8C, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LMD1 Lamerd, GIR1 Gir, JHRM Jahrom, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SLWR Sila, SLWR SLWR, AJN Ajban, etc.

MASF Masafi, MSFE Esma-Masafi, MSFE Esma-Masafi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KLANJ Kolanjah, KLNH Madha, MDH Madha, etc.

ASHO Ashiyah, ASHG Ashiyah, NGRK Negar Kerman, etc.

IMEH Mehriz, TVBK TV Kerman, IRAM Mehriz, etc.

ISAD Sadrabad, SOHO SOHO, SOHO SOHO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IBAF Bafq, ZRDN Zard Kerman, CHMN Cheshme madani, etc.

JMDO Jabal Madar, JMDO Jabal Madar, KDS Koohdasht(Taba), etc.

WNSR Wadi Sarin, WNSR Wadi Sarin, WNSR Wadi Sarin, etc.

TNSJ Nastaj, RAYN Ar Rayn, RAYN Ar Rayn, etc.

JLN Jalan Bani Buh, DDM DDM, DOK DOK, etc.

WHFO Wadi Hawf, DDM DDM, DOK DOK, etc.

DMTO DMT, SIRT Sirt, GNI Gani, etc.

KBL Kabul, KBL Kabul, KBL Kabul, etc.

EIL Elat, EIL Elat, EIL Elat, etc.

MMAI Mount Meron Ar, SIMJ Simiganj, NCK Nalchik, etc.

CHGR Chuyangaron, CHGR Chuyangaron, CHGR Chuyangaron, etc.

KBZ Khabaz, KBZ Khabaz, KBZ Khabaz, etc.

ATD Arta Tunnel, KIV Kislovodsk, KIV Kislovodsk, etc.

SOC Sochi, SOC Sochi, SOC Sochi, etc.

BTK Batken, BTK Batken, BTK Batken, etc.

DRK Karamyk, DRK Karamyk, DRK Karamyk, etc.

NIL Nilore, NIL Nilore, NIL Nilore, etc.

SOC Sochi, SOC Sochi, SOC Sochi, etc.

BTK Batken, BTK Batken, BTK Batken, etc.

DRK Karamyk, DRK Karamyk, DRK Karamyk, etc.

BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, etc.

KKAR Karatay Array, KKAR Karatay Array, KKAR Karatay Array, etc.

ELL Elmail, ELL Elmail, ELL Elmail, etc.

ABKAR Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array, etc.

AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AAK, VRH, BELG, etc.

BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, etc.

BVAR Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, etc.

ARTI Arti, ARTI Arti, ARTI Arti, etc.

AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

AKBB Malin Array Si, AKBB Malin Array Si, AKBB Malin Array Si, etc.

AKBB Malin Array Si, AKBB Malin Array Si, AKBB Malin Array Si, etc.

BUR08 Buccovina Ar. S, BUR08 Buccovina Ar. S, BUR08 Buccovina Ar. S, etc.

MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, etc.

MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

KURB Kurchatov Arra, KURB Kurchatov Arra, KURB Kurchatov Arra, etc.

PUK Puka, KURK Kurchatov, KURK Kurchatov, etc.

KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, etc.

KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, etc.

CUC Castruccio, CUC Castruccio, CUC Castruccio, etc.

MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, etc.

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

FIAT FINESS Array S, FIAI FINESS Array S, FIAI FINESS Array S, etc.

FIAS FINESS Array S, FIAS FINESS Array S, FIAS FINESS Array S, etc.

FISS FINESS Array B, FISS FINESS Array B, FISS FINESS Array B, etc.

HFS Hagfors, HFS Hagfors, HFS Hagfors, etc.

NC405 NORARS Array S, NC405 NORARS Array S, NC405 NORARS Array S, etc.

NC405 NORARS Array S, NC405 NORARS Array S, NC405 NORARS Array S, etc.

NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, etc.

NOA NORARS Array B, NOA NORARS Array B, NOA NORARS Array B, etc.

NOA NORARS Array S, NOA NORARS Array S, NOA NORARS Array S, etc.

EKA Eskdalemarir, EKA Eskdalemarir, EKA Eskdalemarir, etc.

TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, etc.

TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, etc.

DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, etc.

DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, etc.

LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, etc.

LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, etc.

BORG Borgames, BORG Borgames, BORG Borgames, etc.

BOSA Boshq, BOSA Boshq, BOSA Boshq, etc.

JOW Kunigami, JOW Kunigami, JOW Kunigami, etc.

SUR Sutherland, SUR Sutherland, SUR Sutherland, etc.

SUR Sutherland, SUR Sutherland, SUR Sutherland, etc.

DJA 25 03:30:07.9±1.6, 0°S, 3°12'0"E, h12km±13km, M3.9/8, mb4.2/11, ML3.7/8, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like APSI Ampana, MRSI Marisa, SGKI Sangatta, etc.

ISU 25 03:36:47.7, 39°67'N, 72°43'E, h15km
KRNET 25 03:36:47.7±0.1, 39°75'N, 72°52'E, h14km, mb2.3

25d 5h

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

ADC 25 03:43:22.2.8.9, 20:07Sx177.94W, h572km, 57km, mb3.2/2, mbtmp4.2/3, Error ellipse: s-maj=225.1km s-min=48.5km az=146.0

NEIC 25 03:43:22.3.1.1, 20:18S; 10:177.94W; 0.2, h560km, 6km, mb4.3/19, Error ellipse: s-maj=23.9km s-min=13.6km az=104.0

ISC 25 03:43:22.2.0.7, 20:05S; 10:178.0W; 0.1, h569km, n33, s104/34, mb4.2/13, Fiji Islands region

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

ADC 25 04:14:57.4.2.3, 32.73Sx179.75E, h219km, 20km, mb3.7/6, mbtmp4.4/8, Error ellipse: s-maj=20.3km s-min=15.2km az=39.0

WEL 25 04:14:57.7.0.5, 33'S; 7.179W; 1.8, h33km, M5.4/11, mB5.9/6, ML5.3/11, MLV5.2/11, Mw(MB)5.5/8, Error ellipse: s-maj=25.6km s-min=3.4km az=111.0, confirmed

NEIC 25 04:15:00.3.1.8, 33.21S; 02:07.17W; 4E; 0.2, h218km, 7km, mb4.4/20, Error ellipse: s-maj=20.2km s-min=10.9km az=107.0

ISC 25 04:14:55.3.0.5, 32.83S; 10:4.179W; 0.07, h200km, n151, s28/03/148, mb4.3/15, 4C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAZ Pakihiroa, URZ Urewera, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, etc.

ADC 25 04:17:48.9.4.4, 22:53Sx176.91W, h195km, 38km, mb3.7/5, mbtmp4.2/6, Error ellipse: s-maj=34.1km s-min=22.6km az=148.0

NEIC 25 04:17:57.3.1.8, 22:45S; 0:176.7W; 0.2, h302km, 9km, mb4.3/22, Error ellipse: s-maj=24.3km s-min=16.1km az=55.0

ISC 25 04:17:47.9.0.7, 22:55S; 0:176.6W; 0.1, h200km, n34, mbtmp4.2/6, Error ellipse: s-maj=34.1km s-min=22.6km az=148.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVFNonsavu, DZM Mont Dzumac, etc.

HEL 25 05:18:30.1.0.2, 61.32N; 22:52E, h0km, ML1.2, Explosion, Finland

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

1523

Table with columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes entries for KAF Kangasniemi, KAF Sumaiain, HEMU Hemsoen, HUSU Husum, OUL Oulu.

NEIC 25 05:25:59.8, 1.6, 5.13N; 0.07; 72.59W; 0.08, h48km, 11km, mb4.4/29, Error ellipse: s-maj=11.7km s-min=10.0km az=85.0

VAO 25 05:25:59.0, 0.5, 5.09N; 72.35W, h10km, mb4.3

RSNC 25 05:26:00.0, 0.5, 5.1N; 73.3W, h10km, 1km, M3.9, mB5.1, mb4.4, ML3.5, Mw(mB)4.5

IDC 25 05:26:02.0, 3.3, 5.36N; 72.65W, h65km, 30km, mb3.5/8, mbmp3.9/12, ML3.4/4, MS3.2/8, Error ellipse: s-maj=25.4km s-min=17.0km az=58.0

ISC 25 05:25:59.9, 0.8, 5.21N; 0.03; 72.65W; 0.03, h49km, 9km, n123, s1165/149, mb4.3/28, MS3.1/6, Colombia

Main table for station 1523. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like RUSC La Rusia, PTGC Puerto Gaitan, CHIC Chingaza, BANC Barichara, etc.

Table for station 1523. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like SDV Santo Domingo, JAMC Jamundi, FLOCC Florencia, etc.

Table for station 1523. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like BBAC Balboa, CRUC La Cruz, BAUV El Baul, etc.

Table for station 1523. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like TBGT Tabatinga, BOAV Boa Vista, SDDR Presa de Saban, etc.

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Main table for station 2018 OCT. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like LPAZ La Paz, VILB Vilhena, VILB Vilhena, etc.

BUL 25 05:48:42.0, 6.205x106.00E, h183km, mb4.7/43, mb4.8/17, NEIC 25 05:48:43.6, 1.6, 6.18S; 0.07x106.03E; 0.07, h174km, 6km, mb4.8/72, Error ellipse: s-maj=11.4km s-min=8.5km az=46.0

DJA 25 05:48:43.5, 0.1, 6.52x106.16E, h172km, 1km, M4.9/66, mb5.0/66, mb5.4/43, MLV5.2/29, Mw(mB)4.8/43, MwwMwP4.6/1, MwP5.0/1

GCMT 25 05:48:43.6, 0.4, 6.19S; 0.03x106.04E; 0.03, h167km, 4km, MW4.8/60, Moment Tensor Solution, s10, c12, s80, c97, Duration: 0. Moment tensor: Scale 10^16Nm; M1: 18.1; M2: -0.93; M3: Mw=0.24; M5: Mw=0.33; M9: Mw=1.24; M10: Mw=1.61; M13: Mw=0.24; Best double couple: M2, 2.9400x10^16 Nm; NP1: 0.197, 0.0000, 0.70, 0.0000, 0.52, 0.0000; NP2: 0.83, 0.0000, 0.62, 0.0000, 0.149, 0.0000; Principal axes: T 2.5050, P1g5.0000, Azm64.0000; N -0.4210, P1g35.0000; Azm212.2322; P -2.0830, P1g16.0000; Azm314.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 25 05:48:44.2, 0.4, 6.17S; 0.04; 106.11E; 0.04, h173km, 5km, mb4.1/27, mbmp4.6/28, Error ellipse: s-maj=13.1km s-min=7.8km az=63.0

ISC 25 05:48:44.2, 0.4, 6.17S; 0.04; 106.11E; 0.04, h179km, 5km, mb4.7/38, 5C-3D, Jawa

Table for station 2018 OCT. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like Code Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like SBUI Serang, TNG Tangerang, etc.

25d 5h

Main table for station 25d 5h. Columns: Code, Station Name, Delta A Z, Phase ID, Time Res, ISC, h m s, Res. Includes stations like LWLI Liwa, CMJL Cimerak, KPJI Karang Pucung, etc.

25d 5h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

2018 OCT

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KURBB Kurchatov Arra and BVAR Borovoye Array.

IDC 25 05:56:05.6-0.7, 32.05N:138.51E, h0km, mb4.0/12, mbmp4.0/14, ML3.1/2, MS3.1/9, Error ellipse: s-maj=20.0km s-min=15.0km az=115.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JAOM Hachishimamukai and JHJ Hachijo jima 2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for TONANKAI O.B.S. stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JSG Sagara and JZJS Izushimoda.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JYJ Yamaogatahach and JYJ Ryogami san.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JMN Monobe and MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MAJO Matsushiro and MJBB Matsu-Tunnel.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JMM Marumori and JNU Nakatsue.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KSR Korea Array and JOW Kunigami.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for USRK Ushiryisarr K and YHNB Yehng.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MA2 Maagadan and SONM Songino Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for H1S3 WAKE ISLAND Hy 28.88 111 T and H1S1 WAKE ISLAND Hy 28.88 111 T.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr and WMQ Urumqi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KURK Kurchatov and KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRD Warrunganga Arr and BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for IMAR Indian Mountain and D22K Ayikyak River.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KKAR Karatay Array and ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ASAR Alice Springs and ABKAR Akbulak array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KBZ Khabaz and BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for PDAR Piedraite Array and CLL Collim.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for LPAZ La Paz and LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for LPAZ La Paz and LPZL Limon Verde.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ATAH Athalupa and ATAH Athalupa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for SAML Samuel and SIV Sivignac.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for VILB Vilhena and PTLB Pontes e Lacer.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for OTAV Otavalo and MURL Porto Martinho.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ARAG Araguainha, MT BOAV Boa Vista, and BOAV Boa Vista.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for BI02 Bio2 and SDV Santo Domingo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for PLCA Paso Flores and PLCA Paso Flores.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JTS Las Juntas de and MLRP Maguayes Islan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for VHRN Van Horn and X16A Lo Mia Camp.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for VNA3 Neumayer Olymp and VNA1 Neumayer-Stat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for SNA3 Sanae and SNA2 Sanae.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for TROLL Troll, Antarti and QSPA South Pole Q.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for TORO Torodi Arr. Bea and ESCD Seneca Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ZALV Zalesov B&B and WRA Warrunganga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MJAR Matsushiro Arr and SONM Songino Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for GUMO Guam and GUMO Guam.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRA Warrunganga Arr and ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MSVF Novsavy and KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ILAR Eielson Array and BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for DJA 25 06:16:34.2-0.7, 8.5S:5.11E and IDC 25 06:16:38.4-5.7, 8.04S:118.04E.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for PLAI Plampang and PBLI Waikabubak Su.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for BSSJ Bau Bas, Buton and ABJU Aseng Bagus.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRA Warrunganga Arr and ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MKAR Makanchi Array and BUJ 25 06:22:41.9, 5.68S:150.98E.

25d 6h

Table with columns for station name, coordinates, elevation, and forecast values. Includes stations like MANU, HNR, MTSU, WRA, etc.

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Table with columns for station name, coordinates, elevation, and forecast values. Includes stations like FORT, JAGI, MEEK, KMBL, etc.

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Table with columns for station name, coordinates, elevation, and forecast values. Includes stations like XAN, CMAR, KLR, PZH, etc.

Table with columns: RKT, comp-Z, elevation, azimuth, range, and other parameters. Includes stations like RKT, BILLS, WMQ, VMO, L14K, etc.

Table with columns: IUG, E27K, I29M, BRLS, BRLS, CHM, CHM, D27M, J30M, E28M, BVAR, BVAR, BBB, DLBC, INK, HUMO, YBH, YBH, AFDM, J05D, PINE, PINE, PNTR, NVAR, NVAR, NVAR, NV11, DSP, KVN, MZP, ABKAR, ELIB, ELIB, GWF, PFO, PFO, PFO, PFO, WCT, WCT, WCT, NEW, TPNV, YUH, RPN, BELA, ARTI, AKRO, SHRP, PRN, V12A, BLYC, YKA, W13A, U15A, SNA, SNA, PDAR, ARCES, OBN, OBN, OBN, FINES, AKAS, BRTR, NOA, NOA, BOS, PLCA, CLL, CLL, CLL, EKA, ATAH, LPAZ, CPUP, SAML, TRCB, WILB, BOAV, BOAV, TOR, TOR, TOR, BDFB, DBIC, etc.

Table with columns: WRA, ASAR, MKAR, KURBB, BVAR, RSNC, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, KURBB, BVAR, etc.

ICD 25 06:54:02.5:1.0, 5:15N:124.53E, h0km, mb3.7/5, mbtmp3.8/6, ML4.0/1, Error ellipse: s-maj=49.1km s-min=19.4km az=71.0

AFAD 25 07:30:25.0:0.0, 35:94N:45:58E, h12km, ML3.1, ISN 25 07:30:26.1:1.1, 36:19N:45:09E, h6km, 16km, ML3.3, T 25 07:30:26.7:3.6, 15N:45:72E, h5km, ML3.3, ISN 25 07:30:27.0:7.0, 36:19N:0:03-45:64E:0:03, h14km, 7km, n29, c205/0, tran-raq border region

25d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, ULM Lac du Bonnet, PLCA Paso Flores, etc.

ISC 25 08:30:58.2±1.0, 12.86S, 45.47E, h0km, mb3.9/5, mbmp3.9/7, ML4.0/2, MS3.6/6, Error ellipse: s-maj=32.5km s-min=26.5km az=20.0

ISC 25 08:31:00.3±1.1, 13.05S, 101.455E±0.2, h10km, n15, α1533/10, mb4.1/5, MS3.8/5, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OPO Ambohidratompo, MATP Matopo, MBAR Mbarara, etc.

ISC 25 08:34:22.8±2.8, 53.92N, 86.48E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=22.1km s-min=13.2km az=70.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

BGS1 25 08:40:50.8±3.7, 26.82S, 31.34E, h0km, mb3.9/5, BUL 25 08:41:10.7±1.4, 26.41S, 29.37E, h10km, MD3.6, ISC 25 08:41:07.4±1.4, 26.41S, 29.37E, h10km, n20, α2548/31, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOPA Mopani, LBTB Lobatse, MUSN Musina, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CKGRV CKGRV, KGCAG Kacagae, KRI Karoi, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAN Canberra, DZM Tasmania Unive, etc.

NNC 25 08:54:43.6±3.3, 54.83N, 87.13E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=337.9km s-min=19.7km az=148.0, Suspected Mining explosion.

ISC 25 08:54:52.5±2.2, 54.24N, 86.65E, h0km, mbtmp3.5/4, ML2.9/4, Error ellipse: s-maj=18.3km s-min=13.7km az=45.0

ISC 25 08:54:52.5±1.6, 54.3N, 0.1×86.61E±0.08, h0km, n8, α234/13, 4C-3D, Southwestern Siberia

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

Table with columns: BVAR, Station Name, Time, Res. Includes entries for Borovoye Array, SONGMO Songoing Array.

ICC 25 09:18:13.8:2.2,42.96N:142.63E,h0km,mb3.8/4, mbmp3.7/5, ML2.5/1, Error ellipse: s-maj=71.2km s-min=25.9km az=77.0

JMA 25 09:18:21.5:0.1,42.8N:0.3:142.0E:0.3,h36km,MV3.6/40, ISHIKARI DEPRESSION

JMA Felt II J1 at ISHIKARI DEPRESSION. ISC 25 09:18:21.3:0.9,42.72N:0.0:141.99E:0.0:0,h35km,n29, s=1533/37,mb3.7/4,11D,Hokkaido region

Main station list table for the first section. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like JIAM, JBT2, JEW, etc.

NEIC 25 09:41:25.1:0.35:49N:0.01:118.305W:0.010, h3km,4km, Error ellipse: s-maj=1.9km s-min=1.2km az=164.0

PAS 25 09:12:25.8:1.2,35:48N:0.008:118:30W:0.01, h2km,4km,ML3.0(AEIC), Error ellipse: s-maj=1.6km s-min=1.1km az=99.0,Central California

Main station list table for the second section. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like WHFM, WORM, ISA, etc.

Table with columns: Antelope, 0.80 180, Springville 2, 0.80 332, Burnt Peak, 0.83 196, Haystack Butte, 0.87 136, Manual Prospec, 0.87 49, Saddle Back Bu, 0.89 154, etc.

PAS 25 09:18:21.3:0.9,42.72N:0.0:141.99E:0.0:0,h35km,n29, s=1533/37,mb3.7/4,11D,Hokkaido region

PAS 25 09:18:21.3:0.9,42.72N:0.0:141.99E:0.0:0,h35km,n29, s=1533/37,mb3.7/4,11D,Hokkaido region

Main station list table for the third section. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like GWCW, BCW, BCW, etc.

NEIC 25 09:54:53.5:1.6,56:07N:0.08:149:8W:0.1, h20km,10km, ML3.5/44,ML3.3(AEIC), Error ellipse: s-maj=12.7km s-min=8.5km az=149.0

ICC 25 09:54:55.0:1.7,56:08N:150:61W,h0km,mb3.4/4, mbmp3.4/6,ML3.1/2, Error ellipse: s-maj=38.5km s-min=18.2km az=59.0

AEIC 25 09:54:58.5:1.3,56:17N:0.09:149:9W:0.1, h5km,7km, Error ellipse: s-maj=13.7km s-min=9.5km az=150.0

ISC 25 09:54:56.2:0.9,56:29N:0.06:150:09W:0.05,h10km,n90, s=1789/81,mb3.3/4,Gulf of Alaska

Main station list table for the fourth section. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like OHAK, KDKA, KDKA, etc.

Table with columns: Seward, 3.84 5, Peulik 1, 3.87 296, Montague Islan, 3.98 20, Iliamna Southw, 4.04 338, etc.

ICC 25 09:54:53.9:3.0,55:79N:150:01W,h0km,mb3.1/3, mbmp3.2/5,ML3.1/2,MS3.1/7, Error ellipse: s-maj=74.8km s-min=23.2km az=53.0

NEIC 25 09:54:46.1:1.7,56:01N:0.02:149:8W:0.1, h10km,2km, ML3.4/40,ML3.4(AEIC), Error ellipse: s-maj=10.3km s-min=3.4km az=82.0

AEIC 25 09:54:49.5:1.5,56:05N:0.09:149:8W:0.1, h3km,8km, Error ellipse: s-maj=13.4km s-min=9.8km az=161.0

ISC 25 09:54:54.0:0.9,56:11N:0.07:149:84W:0.05,h10km, n115,s1907/102,mb3.0/3,MS3.1/3,Gulf of Alaska

Main station list table for the fifth section. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like OHAK, OHAK, OHAK, etc.

ICC 25 09:54:53.9:3.0,55:79N:150:01W,h0km,mb3.1/3, mbmp3.2/5,ML3.1/2,MS3.1/7, Error ellipse: s-maj=74.8km s-min=23.2km az=53.0

NEIC 25 09:54:46.1:1.7,56:01N:0.02:149:8W:0.1, h10km,2km, ML3.4/40,ML3.4(AEIC), Error ellipse: s-maj=10.3km s-min=3.4km az=82.0

AEIC 25 09:54:49.5:1.5,56:05N:0.09:149:8W:0.1, h3km,8km, Error ellipse: s-maj=13.4km s-min=9.8km az=161.0

ISC 25 09:54:54.0:0.9,56:11N:0.07:149:84W:0.05,h10km, n115,s1907/102,mb3.0/3,MS3.1/3,Gulf of Alaska

Main station list table for the sixth section. Columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like OHAK, OHAK, OHAK, etc.

25d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res. Includes stations like KAHC, PLK3, PLK4, P23K, ILSW, IVE, P18K, etc.

HEL 25 10:17:46.3±0.3, 60°59N:29°03E, h0km, ML1.6, Suspected explosion

ICC 25 10:17:47.2±8.6, 60°84N:28°83E, h0km, mbtmp3.6/1, ML2.5/1, Error ellipse: s-maj=26.7km s-min=14.7km

ISC 25 10:17:45.8±1.4, 60°97N:0°05:29.02E, h0km, n16, 095Z/23, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res. Includes stations like RUF, VJF, VJF, FIAO, FIAO, FINES, etc.

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

IDC 25 10:25:35.9±0.4, 44°84N:141°29E, h267km, 4km, mb3.3/15, mbtmp4.0/23, Error ellipse: s-maj=11.0km s-min=9.7km

MOS 25 10:25:35.2±0.8, 44°80N:141°28E, h276km, mb4.5/1, Error ellipse: s-maj=12.2km s-min=8.9km az=80.8

SKHL 25 10:25:35.6±0.1, 44°80N:141°10E, h278km, 8km, mb4.8/11, msh4.8/4, msh5.3/8

NIED 25 10:25:35.6, 44°82N:141°32E, h279km, MW4.1, Moment Tensor Solution, s1: Moment Tensor: Scale 10^15Nm

JMA 25 10:25:35.6±0.2, 44°80N:141°10E, h279km, 2km, MV3.6/36, NV OFF HOKKAIDO

NEIC 25 10:25:35.7±1.1, 44°74N:108°141'2E, h272km, 10km, mb4.1/25, Error ellipse: s-maj=17.7km s-min=10.9km

ISC 25 10:25:36.0±0.6, 44°77N:108°04:141°27E, h273km, 5km, n95, e:1924/120, mb4.0/23, D, Hokkaido region

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

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

NEIC 25 10:26:01.2±0.5, 35°96N:0°01:97'23W, h0km, 3km, mb_Lg2.7/61, ML3.0, ML3.0/51, Error ellipse: s-maj=1.7km

NEIC 25 10:26:01.5±0.3, 35°96N:0°01:97'23W, h0km, 4km, Error ellipse: s-maj=2.3km s-min=1.3km az=130.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res. Includes stations like OK031, ADOK, ADOK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like DEOK, DEOK, DEOK, OK051, OK051, OK051, etc.

SOME 25 10:41:20.1, 44.65°N, 82.03°E, h15km
NCC 25 10:41:21.4, 44.67°N, 82.01°E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=14.9km, s-min=4.1km, az=121.0,
Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include stations like DJR, DJR, DJR, KAPS, KAPS, etc.

Table with columns: ZHN, Zhisnhske, Time, Res, ISC. Rows include ZHN, ZHN, SATY, SATY, SATY, SATY.

NEIC 25 10:45:21.5 ± 1.3, 62.12°N, 0.02°E, 148.08°W, 0.06, h34km, gkm,
Error ellipse: s-maj=4.9km, s-min=2.3km, az=119.0,
AEIC 25 10:45:22.2 ± 1.3, 62.13°N, 0.02°E, 148.07°W, 0.06, h30km, 3km,
ML2.9, ML3.0/132(NEIC), Error ellipse: s-maj=4.5km
s-min=3.3km, az=109.0, Central Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include SML, SML, SML, SML, M23K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include FID, FID, FID, MCK, TRF, N25K, etc.

Table with columns: NEAZ, Time, Res, ISC. Rows include NEAZ, MCARA, MCARA, MCARA, CCB, etc.

IDC 25 10:48:06.2 ± 1.2, 29.64°S, 176.48°W, h0km, mb3.5/4,
mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=32.0km
s-min=21.4km, az=2.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include RAO, RAO, URZ, URZ, URZ, ASAR, etc.

TAP 25 10:51:59.7, 24.10°N, 122.67°E, h21km, ML3.9, D
ASIES 25 10:51:59.7, 24.10°N, 122.67°E, h21km, ML3.9, Mw3.5,
Moment Tensor Solution. Moment tensor: Scale 10^21Nm;

NIED 25 10:52:00.4 ± 0.1, 24.11°N, 0.7°E, 122.72°E, 0.4, h18km, 2km,
Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm;

JMA 25 10:52:00.4 ± 0.1, 24.11°N, 0.7°E, 122.72°E, 0.4, h18km, 2km,
ISC 25 10:51:58.9 ± 1.0, 24.06°N, 0.02°E, 122.71°E, 0.02, h18km, 4km,
n160, t1905/305, 18C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Rows include E0S4, E0S4, E0S4, E0S3, E0S3, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, m, s, ISC. Rows include MUXX Muleshoe, SMWD Samnorwood, CCM Cathedral Cave, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, m, s, ISC. Rows include H11S2 WAKE ISLAND Hy25.94 271, H11S1 WAKE ISLAND Hy25.95 272, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, m, s, ISC. Rows include FORT Forrest, FORT Forrest, MULG Mulgathing, etc.

IDC 25 11:21:56.8, 0.6, 3.59N, 126.98E, h0km, mb4.3/17, mbmp4.3/18, ML4.4/1, MS3.4/9, Error ellipse: s-maj=33.3km s-min=17.0km az=73.0

BUI 25 11:22:04.8, 3.41N, 126.82E, h7km, mb4.6/27, mb4.9/13, Ms4.3/5, Ms7.3/6/5

DJA 25 11:22:05.8, 0.5, 4.1N, 127.7E, h40km, 7km, M4.6/16, mB5.1/6, mb4.7/16, MW(Lv4.7/12, MW(MB)4.4/6

NEIC 25 11:22:06.0, 1.8, 3.56N, 10.127.00E, 0.09, h69km, 7km, mb4.7/34, Error ellipse: s-maj=17.0km s-min=9.4km az=221.0

ISC 25 11:22:03.8, 0.4, 3.58N, 10.05, 126.98E, 0.07, h48km, n105, +170/09, mb4.6/35, MS3.6/3, 2C, Talaud Islands

CATAC 25 11:25:39.9, 1.0, 13.36N, 91.31W, h4km, 6km, ML3.4 G3 G 11:25:43.5, 0.3, 13.49N, 91.24W, h52km, M3.7

ISC 25 11:25:41.2, 4.2, 13.49N, 91.10, 91.25W, 0.06, h8km, 12km, n15, +198/26, Near coast of Guatemala

25d 12h

Table with columns: STA, comp, elevation, azimuth, elevation error, azimuth error, elevation error, azimuth error. Includes stations like YAK Yakutsk, MBWA Marble Bar, PSAA0 Pilbara Seismi, etc.

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Table with columns: L20K, station name, elevation, azimuth, elevation error, azimuth error, elevation error, azimuth error. Includes stations like L20K Farewell, AK, M20K Styx River, K20K Telida, etc.

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Table with columns: station name, elevation, azimuth, elevation error, azimuth error, elevation error, azimuth error. Includes stations like H24K Noodor Dome, HDA Harding Lake, HDA Harding Lake, etc.

Table with columns for call sign, name, time, and status. Includes stations like TGRZ, PUZ, KOUK, etc.

Table with columns for call sign, name, time, and status. Includes stations like FORT, KDU, WKRA, etc.

Table with columns for call sign, name, time, and status. Includes stations like S11A, H04A, PRN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, QSPA South Pole Qui, TORO Torodi Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNRA Kununurra, FITZ Fitzroy Crossi, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUEV Luepe, FDF Fort de France, ILMAM Ilet Lapin Mar.

SOME 25 13:59:31.9, 44.78N, 81.02E, h15km, 2C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPS Kapalarasan, SHLS Shalkode, KPKS Kokpek, MAKZ Makanchi.

CATAC 25 15:44:23.0 0.9, 12°63'N-90°35'W, h10km, ML3.7 SNET 25 15:44:24.9 2.1, 12°47'N-90°01'W, h59km, ML3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAYA Jayaque - finc, CEVE Cerro Verde, PMON Piamonte.

25 15:44:22.3 3.4, 12°44'N-01°19'W, 0.2, h22km, 11km, n15, 04f22/21, Off coast of central America

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

DJA 25 14:45:28.0 ± 0.6, 8°S, 4°12'E, h189km, 12km, M3.9/12, mb3.9/2, MLV3.9/12

ICD 25 14:45:30.4 ± 1.8, 7°99'S, 119°99'E, h206km, 14km, m3.6/4, mbtmp3.9/8, Error ellipse: s-maj=4.7km s-min=7.8km az=55.0

ISC 25 14:45:28.9 0.7, 8.18S, 0.06E, 119.71E, 0.06, h200km, n34, +f140/33, mb3.8/3, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBSI Waikabubak, PLA1 Plampang, BNSI Bani, BBSI Bau Ba, BATI Baumata.

MOS 25 15:56:58.6 ± 1.3, 10°28'N, 62°59'W, h15km, mb5.1/28, Error ellipse: s-maj=10.0km s-min=7.6km az=103.0

NEIC 25 15:56:59.6, 10°28'N, 62°19'W, h26km, Moment Tensor Solution, Duration: 1s4, Moment tensor: Scale 10^10Nm

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MTO3 Monteiro, CRIN Cerro Verde, PKGN Cerro Pekin.

25 15:56:59.6, 10°28'N, 62°19'W, h26km, Moment Tensor Solution, Duration: 1s4, Moment tensor: Scale 10^10Nm

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

NOU 25 15:03:06.4, 16.36S, -167.43E, h10km, mb4.1/5, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLAK Lakoro, DVP Devils Point, PZM Mont Dumac.

GMCM 25 15:57:05.6 ± 0.3, 10°41'N, 02°62'W, h10km, mb4.8, MW4.9/82, Moment Tensor Solution, s31, c43; s82, c112

DIC 25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TPP Pointe-a-Pierre, TRN Trinidad (W), TRN Trinidad (E).

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

ICD 25 15:02:57.4 ± 7.6, 22°21'S, 178°32'W, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=196.5km s-min=37.4km az=31.0

NEIC 25 15:04:01.1 ± 1.3, 23°33'S, 0°17'W, 9W, 0.1, h561km, 12km, mb4.3/12, Error ellipse: s-maj=21.4km s-min=17.2km az=108.0

ISC 25 15:03:59.5 ± 1.0, 23°45'S, 0°17'W, 9W, 0.2, h532km, n20, +f131/20, mb3.9/10, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSFV Nonsavu, PINN Pines Island, MRNZ Matariki Terra.

GMCM 25 15:57:05.6 ± 0.3, 10°41'N, 02°62'W, h10km, mb4.8, MW4.9/82, Moment Tensor Solution, s31, c43; s82, c112

DIC 25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

GMCM 25 15:57:05.6 ± 0.3, 10°41'N, 02°62'W, h10km, mb4.8, MW4.9/82, Moment Tensor Solution, s31, c43; s82, c112

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRN Trinidad (W), TRN Trinidad (E), TRN Trinidad (S).

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

WRA Warramunga Arr 42.58 265 P P 15 11 07.5 -1.4

Code Station Name Az Az' Phase ID Time Res Includes stations like TPP Pointe-a-Pierre, TRN Trinidad (W), TRN Trinidad (E).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRN Trinidad (S), TRN Trinidad (W), TRN Trinidad (E).

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

25 15:57:04.2 ± 0.1, 10°36'N, 62°62'W, h45km, 19km, mb4.2/25, mbmp4.14km s-min=12.2km az=83.0

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WILB Vilhena, 061Z Ochoppi, ATAH Atahualpa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like R40A Maddies Statio, L44A Lake County Fo, WHXT Lake Whitney, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like K22A Casper, G006 Curarrehue, PLCA Paso Flores, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like L18K Granite Mounta, C19K Lookout Ridge, AK20 Malin Array Si, etc.

Table with columns: WRA, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, FUNUV 25, IDC 25, NEIC 25, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CO06, CO05 La Serena, CO02 Combarbal, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSVA, YSA, FUA, RAO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTAO, CAN, YNG, PMG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SANI, BATI, SBA, PSA00, etc.

25d 18h

Table with columns: Station ID, Name, Frequency, Power, Mode, SNR, and other metrics. Includes stations like DSP Deep Springs, PLK4 Peulik 4, HUMO Hull Mountain, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, SNR, and other metrics. Includes stations like F10A Beach Ranch, LWLI Liwa, SML Sawmill, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, SNR, and other metrics. Includes stations like GO10 Punta Arenas, WTLY Watson Lake, DAWY Dawson, etc.

25d 18h

Table with columns: JOTO, OTAMA OYAMA, 1.42 239 i P, Pn, 18 36 32.7 -0.2, etc. Lists various stations and their frequencies.

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Table with columns: JCH, Churui, 4.46 14 A, A, 18 37 17.2, etc. Lists various stations and their frequencies.

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Table with columns: TEY, Ternei, 7.79 3311 eP, Pn, 18 38 02.8 +2.5, etc. Lists various stations and their frequencies.

1553

Table with columns for station ID, name, and various numerical data points (e.g., 44.84, 39, P, P, 18.44, 17.8, -1.1). Includes stations like 1N19K Bonanza Creek, 1H20K Anotleneega Mo, 1O19K Port Alsworth, etc.

2018 OCT

Table with columns for station ID, name, and various numerical data points (e.g., 47.03, 297, eP, P, 18.44, 36.2, -0.3). Includes stations like KP25K Kokpek, KP26K Kokpek, KP27K Kokpek, etc.

25d 18h

Table with columns for station ID, name, and various numerical data points (e.g., 48.48, 30, P, P, 18.44, 46.6, -0.5). Includes stations like G25K Bearman Lake, H25L Birch Creek, F25K Christian River, etc.

25d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, G27K, D27M, etc.

2018 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like M30M, HYT, G31M, etc.

1554

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AJM, HMH, CRAG, etc.

25d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MHTO, FORT Churchhill, PINe Nut, etc.

2018 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SFJD, RNP99, ARPS, etc.

1556

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MUD, TATR, BURAR, etc.

Table containing flight schedules for the left column, including origin/destination, flight number, and time.

Table containing flight schedules for the middle column, including origin/destination, flight number, and time.

Table containing flight schedules for the right column, including origin/destination, flight number, and time.

25d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like 121A Cookes Peak, COWI Conover, FNA Florin, BFO Black Forest, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like L44A Lake County, WMOK Wichita Mounta, QUOK Quay, LPIG La Paz, SSB Saint Sauveur, etc.

1558

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like KEST, SWET Sawewell, TZTN Tazewell, R55A Marlinton, FURI Fur, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ellipsis, ISC 25, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like M03C, HOPS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HOPS, I02E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H04A, PINE, etc.

PRU 25 18:37:15.8, 50:27N; 18:92E, h0km, IPEC 25 18:37:15.0, 50:23N; 18:96E, h1km, ML2.5/4, Error

NEIC 25 19:20:10.5, 1.5, 1.4; 6S:0.1; 167.6E:0.2, h126km, 13km, mb4.2/11, Error ellipse: s-maj=24.6km s-min=17.4km az=132.0, IDC 25 19:20:16.6; 10.0, 14.85S; 166.49E, h100km; 124km,

1561

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Pn, S, B, Res. Includes stations like Torpederas, CCHEN, Cerro Caljn, etc.

IDC 25 21:27.05.3.4.1, 17.845S-178.44W, h583km, 2.4km, mb2.9/3, mbmp3.8/4, Error ellipse: s-maj=129.4km s-min=60.4km az=153.0, Fiji Islands region

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Pn, S, B, Res. Includes stations like Nonsavu, Stephens Creek, Waramunga, etc.

AEIC 25 22:03:04.5.1.4, 69.58N-0.02:144.73W, 0.04, h11km, 4km, ML3.5, ML3.6/122(NEIC), Error ellipse: s-maj=2.9km s-min=2.1km az=200.0

NEIC 25 22:03:06.5.1.6, 69.56N-0.01:144.73W, 0.04, h10km, 1km, Error ellipse: s-maj=3.1km s-min=2.7km az=61.0

ISC 25 22:03:05.6.0.8, 69.59N-0.03:144.77W, 0.02, h10km, 1.196, 1925/172, Northern Alaska

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Pn, S, B, Res. Includes stations like Camden Bay, Jago River, Kavik River, etc.

2018 OCT

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Pn, S, B, Res. Includes stations like Toolik Lake Re, Christian Rive, Itkillik River, etc.

25d 22h

Table with 10 columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Pn, S, B, Res. Includes stations like Meade River, Coal Creek Min, Eagle Plains, etc.

25d 22h

2018 OCT

1562

Table with columns for station name, coordinates, and status. Includes stations like YUK3, N30M, and MMPY.

Textual data for stations BEO, IDC, NAO, MOS, ATH, and others, including coordinates and tensor solution parameters.

Main station table listing station names, coordinates, phases, and other parameters. Includes stations like KRI1, LTHK, PSDA, VLS, and many others.

Main station table (continued) listing station names, coordinates, phases, and other parameters. Includes stations like KLV1, KLV2, KLV3, KLV4, and many others.

Main station table (continued) listing station names, coordinates, phases, and other parameters. Includes stations like KZD, KARP, KARP, KARP, and many others.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like PLO32, CRR, VRI, ODBI, IZVR, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like VRAC, VRAC, VRAC, DAVOX, DAVOX, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BEL, RNPP9, AK07, AK13, etc.

25d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Galich'ya Gora, Novokhop'yorsk, Obninsk, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like Casimlio, Conde, Porto, Hagfors, Marleiete, etc.

1564

Table with columns for station name, frequency, power, and other technical details. Includes stations like Morro de la Ar, Masafi, Esma-Masafi, etc.

1565

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KMBO Kilima Mbogo, NIL Nilore, KURB Kurchatov, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like BOD Bodaibo, ULN Ulanbataar, SKOMA Sekoma, etc.

25d 22h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like C24K Franklin Bluff, D25K Kavik River, B21K Ikpikpuk River, etc.

25d 22h

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 H25L Birch Creek, I30M Mount Dempster, I30M Mount Dempster, I29M Ogilvie Camp, I29M Ogilvie Camp, G21K Allakaket, G21K Allakaket, F18K Selawik, I28M Miner Creek, I28M Miner Creek, ULM Lac du Bonnet, ULM Lac du Bonnet, I27K Kandik River, Y60A Bolivia, F17K Baldwin Pennin, HUMP Col San Antoni, GCPR Guaynabo City, GCPR Covington, PDPR Patillas Dam, PDPR Noodor Dome, H24K Noodor Dome, H24K Noodor Dome, J30M Hart River, J30M Hart River, J30M Hart River, G19K Purcell Mouta, G19K Purcell Mouta, IGPR Interuniversit, H23K Yukon River, H23K Yukon River, I26K Coal Creek Min, I26K Coal Creek Min, PRP Porcupine Dome, PRP Porcupine Dome, H22K Ishlaltina Cre, IMAR Indian Mountain, G18K Tagagawik, G18K Tagagawik, CELP Cerrillos, UUPR Utuado, UUPR Utuado, CMCO1 Camacan, BA OBIP Obispado Ponce, NJ2 Nanjing, F15K North Star Dit, H21K Melozitna Rive, H19K Roundabout Mou, H19K Roundabout Mou, H20K Antoleneega Mo, POKR Poker Plat Res, POKR Poker Plat Res, G17K Kwalik Mouta, I23K Minto, Yukon-K, I23K Minto, Yukon-K, MLPR Magueyes Islan, K29M Barlow Dome, K29M Barlow Dome, DAWY Dawson, DAWY Dawson, J26L Joseph Creek, J26L Joseph Creek, MLY Manley, ILAR Eielson Array, J25K Salcha River, H18K Honhosa River, MPPY Sheldon Lake, MPPY Sheldon Lake, USRK Ussuriysk Ar, USRK Ussuriysk Ar, K27K Chicken, K27K Chicken, H17K Granite Mouta, NEA2 Nenana, HDA Harding Lake, HDA Harding Lake, I20K Naaghdeneel, I20K Naaghdeneel, WRH Wood River Hil, SCRK Sand Creek, TGNT Hyland Airport, ANM Nome.

2018 OCT

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 L29M L29M, L29M L29M, PRPB Parauapebas, SMTB Santa Maria do, FARO Faro, FARO Faro, RIDG Independent Ri, K24K Donnelly Dome, KOTAN Kotanelee Air, BPAW Bear Paw Mtn, J20K Nowinta River, M31M Drury Creek, M31M Drury Creek, SDBA SAO DESIDERIO, MCK McKinley, BCAR Beaver Creek A, KULM Kulim, L27K Beaver Creek, L27K Beaver Creek, CHUM Lake Minchumin, J19K Poorman, J19K Poorman, J19K Poorman, M29M Somme Creek, M29M Somme Creek, L26K Log Cabin Wild, TRF Thorofare Moun, PAX Paxson, CAST Castle Rocks, DHY Denali Highway, DHY Denali Highway, BVCY Beaver Creek, J18K Innoko River, J18K Innoko River, N32M Quiet Lake, K20K Telida, K20K Telida, J17K VABM Dome, M27K Edgemoor Creek, AK WTLY Watson Lake, WTLY Watson Lake, J16K Anvik River, M26K Nabesna, AK LIRD Liard River Hi, KSAR Wonju Array Be, KSAR Wonju Array Be, KSRS Kosa Array, N30M Aishkik Lake, PPLA Purkeypile, HARP HAARP, WAT6 Susitna Watana, TTA Talatina, TOAD Toad River Com, YUK3 Moose Creek, SDDR Presa de Saban, SDDR Presa de Saban, K17K Iditarod, K17K Iditarod, JANB Januaria, WHY Whitehorse, P33M Teslin, Yukon, HYT Haines Junctio, N25K Chitina, Valde, L19K White Mountain, L19K White Mountain, L18K Granite Mouta, M23K Glacier View, R33M Jennings River, SML Sawmill, SKT Skwentna, L17K Donlin, M20K Styx River, P32M Atlin, KNK Knik Glacier, O29M Mount Kennedy, ECSD EROS Data Cent, SUA Susitna One, L15K Ungalak Mouta, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, Q32M Nakina River, M18K Stony River, M17K Holtina River, RC01 Rabbit Creek A, N20K Mount Spurr, P29M Windy Craggy, MESA MESA.

1566

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 ITTB Itaituba, X48A Hartselle, M16K Timber Creek, N18K Kilae Creek, N17K Nushagak Hills, N16K Nishlik Lake, M13K Dall Lake, N15K Kwethluk River, O18K Koktuk Hills, O17K Kolliganek Bris, NPGB Novo Progresso, BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, SNDB Serra Nova Duda, O16K Koktuk River B, SIT Sitka, FCAR Ozark Folk Cen, WHAR Woolly Hollow, Q17K Contact Creek, U38A Gravette, OHAK Old Harbor, MIAR Mount Ida, MIAR Mount Ida, RLMT Red Lodge, RLMT Red Lodge, KAN09 Caldwell North, KAN09 Caldwell North, OK051 E0350 and S346, KAN18 South Haven SW, BLOK Blackwell, MJB9 Matsu-Tunnel, MAJO Matushuro, MAJO Matushuro, MAJO Matushuro, MAJO Matushuro, MJAR Matushiro Arr, KAN01 Argonia South, KAN01 Argonia South, OK048 Pawnee Station, KAN17 Caldwell West, QUOK Quay, YNE Yellowstone No, OK052 Battle Ridge R, OK031 S. Brethren Rd, BOZ Bozeman (W), BOZ Bozeman (W), X37A Clayton, C09A Chrisman Ranch, PDAR Pinedale Array, O20A White River Ci, RDMU Red Mountain, HWUT Hardware Ranch, MFID Camas Ranch, HVU Hansel Valley, BGU Big Grassy Moun, PTLB Pontes e Lacer, PTLB Pontes e Lacer, DUG Dugway, DUG Dugway, DUG Dugway, DUG Dugway, DRIO Del Rio, R11B Troy Canyon, C, TXAR Lajitas Array, NVAR Nama Array Bas, BELA Belgran 2, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, GSPA South Pole Q, STKA Stephens Creek, ROM 25 22:53.7, ML1 01 6, Error ellipse: s-maj=0.8km s-min=0.2km, Code Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Phase ID, Time Res, Code Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Phase ID, Time Res.

Table with columns: GIGS, Station Name, Azimuth, Phase, ID, Time, Residual. Includes stations like Gran Sasso, Tero, LNSS, Fagnano, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Residual. Includes stations like LTHK, RTZL, PSDA, etc.

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

NAO 25:22:54.44.2, 37:43N-20:61E, h10km, mb6.2
TIR 25:22:54.45.9, 37:27N-20:88E, h18km, mb6.8
BGR 25:22:54.47.7, 37:33N-21:20E, h10km, mb6.3, Ms6.2

LKD2 25:22:54.49.7, 37:53N-20:62E, h10km, confirmed
LKD2 25:22:54.50.0, 37:54N-20:67E, h15km, mb6.5/78, Ms6.9/91
LKD2 25:22:54.50.0, 37:49N-20:58E, h20km, mb6.6/41, mb6.8/79

MAKR 25:22:54.51.8, 37:48N-20:56E, h10km
MAKR 25:22:54.51.8, 37:48N-20:56E, h20km
MAKR 25:22:54.51.8, 37:48N-20:56E, h20km

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOCHUM-UNIVER, BUCHEN, BUCHEN, etc.

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

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

1571

Table with columns for station name, frequency, mode, power, and signal strength. Includes stations like MORF Marneleto, YLL Llanberis, OSL Oslo, etc.

2018 OCT

Table with columns for station name, frequency, mode, power, and signal strength. Includes stations like HYA Hoyanger, DOMB Dombas, SUE Sulen, etc.

25d 22h

Table with columns for station name, frequency, mode, power, and signal strength. Includes stations like LVZ comp=Z,395nm,1.8s, LVZ Lovozero, MZWR Madinat Zayed, etc.

1573

Table with columns: IZB, Uzynbulak, 44.05, 64, eP, P, 23 02 57.9 -0.9, etc. Includes entries like Uzynbulak, SHLS Shalkode, SACV Santiago Islan, etc.

2018 OCT

Table with columns: GUNA, Ummannaq, 49.50, 335, iP, Iamb, P, 23 03 43.9 +3.0, etc. Includes entries like Ummannaq, LGTI Lohaghat, NEEM North Greenlan, etc.

25d 22h

Table with columns: BOK, ONGWA Gangwa, 56.70, 179, iP, P, 23 04 33.9 -0.6, etc. Includes entries like Gangwa, GTK Tadong, SALM Salem, etc.

25d 22h

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ambohitrampompo, MALK Mahakanadarawa, ZIRO, ULN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, AUGR Augrabies, DGAR Diego Garcia, KEIM Keimoes, BOSB Boshof, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WESTON, WES, HHC, TRQ, HRV, J61A, PZH, K62A, RCBR, VLDQ, M63A, NCB, XLT, NBCL, PBA, BRAK, XAN, KSC, FRAZ, KMI, ZEA, etc.

1575

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZEA, GRAN, GRAF, SUR, etc.

2018 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LYN, MEDO, GYA, ENH, etc.

25d 22h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like E46A, NBLA, D25K, P57A, etc.

25d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BinXian, Old Crow, Arctic Village, Barre de l'île Changchun, Kuna River, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like SABA Saba, Fort de France, Burnt Mountain Dalian, Magadan, Ann Arbor, etc.

1576

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRNR Gornyy, Wrigley, Conover, Belmont, etc.

Table with columns for call sign, name, frequency, mode, and signal strength. Includes stations like I27K, ULM, F17K, Y60A, U56A, GCRP, H24K, H24K, H24K, H38A, GRHS, L46A, J30M, J30M, G19K, G19K, G19K, GRW, GRGR, GRGR, Q51A, PDP, H23K, H23K, H23K, H23K, H22K, H22K, I26K, I26K, I26K, PRP, PRP, PRP, IMAR, SJG, SJG, SJG, G40A, G40A, GRFF, IGPR, X58A, EMRP, G18K, G18K, G18K, H42A, H42A, N47A, N47A, NJ2, NJ2, NJ2, F15K, F15K, F15K, H21K, H21K, H21K, TNA, TNA, TNA, O48B.

Table with columns for call sign, name, frequency, mode, and signal strength. Includes stations like O48B, EGAK, EGAK, EGAK, AOPR, AOPR, AOPR, CMC01, F14K, P49A, U54A, H19K, H19K, H19K, H20K, H20K, POKR, POKR, AGPR, AGPR, PYAC, PYAG, G17K, G17K, TRN, K43A, I23K, I23K, I23K, G16K, G16K, Y58A, Y58A, PRSN, L44A, L44A, L44A, BIRD, K29M, K29M, MAYO, MAYO, MAYO, MLPR, DAWY, DAWY, DAWY, COLA, COLA, COLA, COLA, COLA, COLA, J26L, J26L, J26L, MLY, MLY, MLY, ILAR, ILAR, ILAR, J25K, J25K, J25K, USA0B, USA0B, USA0B, USA0B, USA0B.

Table with columns for call sign, name, frequency, mode, and signal strength. Includes stations like USRK, H18K, H18K, H18K, MMPY, MMPY, MMPY, P48A, P48A, G15K, G15K, CCB, Y57A, K27K, K27K, K27K, K27K, I40A, I40A, H17K, H17K, H17K, NEA2, NEA2, NEA2, HDA, HDA, HDA, HDA, I20K, I20K, I20K, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, GCSA, GCSA, GCSA, SFIN, SFIN, TGTN, TGTN, ANM, ANM, ANM, H16K, H16K, SPMN, SPMN, SPMN, NHSC, NHSC, CSU, CSU, CSU, PCDR, PCDR, JSC, JSC, JSC, VLA, VLA, L29M, L29M, L29M, L29M, TYV, TYV, TYV, TYV, TYV.

25d 22h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Jewell Farm, Tazewell, Browne, Faro, etc.

2018 OCT

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Log Cabin Wild, Log Cabin Wild, MCO WCI, etc.

1578

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Anvik River, Wouju Array Si, 5 Mile Ranch, etc.

1579

Table with columns for station ID (e.g., L20K, YUK8), name, coordinates, and various status indicators (P, S, eP, eS, I, M, etc.).

2018 OCT

Table with columns for station ID (e.g., M22K, K13K, O28M), name, coordinates, and various status indicators (P, S, eP, eS, I, M, etc.).

25d 22h

Table with columns for station ID (e.g., YSS, T45A, PAPH), name, coordinates, and various status indicators (P, S, eP, eS, I, M, etc.).

25d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, Date, Time, and various status indicators. Includes stations like ALF01, SVW2, MASC, PNL, UTMT, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, Date, Time, and various status indicators. Includes stations like P38A, HALT, N16K, M13K, etc.

1580

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, Date, Time, and various status indicators. Includes stations like 250A, HOM, HOM, HOM, etc.

Table with columns for event codes (e.g., OKCSW, C09A), names (e.g., OKLAHOMA CITY, Christmas Ranch), times (e.g., 87.55 314), and other details. Includes rows for events like Z38A, FNO, FLWY, JSG, etc.

Table with columns for event codes (e.g., NIKH, FW03, HLID), names (e.g., baz=352, Perrin-Whitt E), times (e.g., 89.60 313), and other details. Includes rows for events like HNLV, JHJ, FW13, SBUM, etc.

Table with columns for event codes (e.g., PV21, PRVC, MLDN), names (e.g., comp=Z,215nm,1.1s, Isla de Provid), times (e.g., 91.31 288), and other details. Includes rows for events like MPV, BRDY, PV11, etc.

Table with columns: DBO, comp, IAmB, IAmS, 23 09 17.9, etc. Includes entries like Spring Creek, Battle Mountain, Kingsville, etc.

Table with columns: RYN, Ryan, 95.47 329, IAmS_20, IAmS_20, 23 52 54.3, etc. Includes entries like Chichijima, Horse Mountain, Martins Peak, etc.

Table with columns: DAV, comp, LR, LR, 23 59 58.2, etc. Includes entries like Huehuetenango, Goldstone, Marconi Center, etc.

Table with columns for call letters, frequency, power, modulation, and coordinates. Includes stations like MHL0, KYMI, AOS2, KZN, KZN, etc.

25d 23h

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MAUC, MOTA, NDNV, VRAC, etc.

2018 OCT

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like DOU, BMRD, MNK, MNSK, etc.

1586

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like HFS, PUL, PFVI, BELG, ESK, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Noise, Elevation Noise, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Skewness, Elevation Skewness, Azimuth Entropy, Elevation Entropy, Azimuth Information, Elevation Information, Azimuth Capacity, Elevation Capacity, Azimuth Efficiency, Elevation Efficiency, Azimuth Throughput, Elevation Throughput, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Maintainability, Elevation Maintainability, Azimuth Supportability, Elevation Supportability, Azimuth Testability, Elevation Testability, Azimuth Verifiability, Elevation Verifiability, Azimuth Accountability, Elevation Accountability, Azimuth Transparency, Elevation Transparency, Azimuth Inclusiveness, Elevation Inclusiveness, Azimuth Openness, Elevation Openness, Azimuth Honesty, Elevation Honesty, Azimuth Integrity, Elevation Integrity, Azimuth Trustworthiness, Elevation Trustworthiness, Azimuth Competence, Elevation Competence, Azimuth Dependability, Elevation Dependability, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Maintainability, Elevation Maintainability, Azimuth Supportability, Elevation Supportability, Azimuth Testability, Elevation Testability, Azimuth Verifiability, Elevation Verifiability, Azimuth Accountability, Elevation Accountability, Azimuth Transparency, Elevation Transparency, Azimuth Inclusiveness, Elevation Inclusiveness, Azimuth Openness, Elevation Openness, Azimuth Honesty, Elevation Honesty, Azimuth Integrity, Elevation Integrity, Azimuth Trustworthiness, Elevation Trustworthiness, Azimuth Competence, Elevation Competence, Azimuth Dependability, Elevation Dependability.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Noise, Elevation Noise, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Skewness, Elevation Skewness, Azimuth Entropy, Elevation Entropy, Azimuth Information, Elevation Information, Azimuth Capacity, Elevation Capacity, Azimuth Efficiency, Elevation Efficiency, Azimuth Throughput, Elevation Throughput, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Maintainability, Elevation Maintainability, Azimuth Supportability, Elevation Supportability, Azimuth Testability, Elevation Testability, Azimuth Verifiability, Elevation Verifiability, Azimuth Accountability, Elevation Accountability, Azimuth Transparency, Elevation Transparency, Azimuth Inclusiveness, Elevation Inclusiveness, Azimuth Openness, Elevation Openness, Azimuth Honesty, Elevation Honesty, Azimuth Integrity, Elevation Integrity, Azimuth Trustworthiness, Elevation Trustworthiness, Azimuth Competence, Elevation Competence, Azimuth Dependability, Elevation Dependability.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Noise, Elevation Noise, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Skewness, Elevation Skewness, Azimuth Entropy, Elevation Entropy, Azimuth Information, Elevation Information, Azimuth Capacity, Elevation Capacity, Azimuth Efficiency, Elevation Efficiency, Azimuth Throughput, Elevation Throughput, Azimuth Reliability, Elevation Reliability, Azimuth Availability, Elevation Availability, Azimuth Maintainability, Elevation Maintainability, Azimuth Supportability, Elevation Supportability, Azimuth Testability, Elevation Testability, Azimuth Verifiability, Elevation Verifiability, Azimuth Accountability, Elevation Accountability, Azimuth Transparency, Elevation Transparency, Azimuth Inclusiveness, Elevation Inclusiveness, Azimuth Openness, Elevation Openness, Azimuth Honesty, Elevation Honesty, Azimuth Integrity, Elevation Integrity, Azimuth Trustworthiness, Elevation Trustworthiness, Azimuth Competence, Elevation Competence, Azimuth Dependability, Elevation Dependability.

25d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWA0 Narrogin (SRO), BBO0 Bucklebo, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM Songoing Array, HYB Hyderabad, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BILL, ARTI, ABPO, and many others.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like B22K Teshekpuk Lake, D22K Ayikyak River, VRRH Novokhoporsky, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PDAR comp=Z,0.3nm,0.4s, etc., POLO Lamas de Oro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CO03 El Pedregal, LPAZ La Paz, LPAZ comp=Z,2.5nm,0.5s, etc., BDFB Brasilia, etc.

THE 25.23:17.21.5, 37.30N-20.58E, h2km, ML4.2/17, Error ellipse: s-maj=1.0km s-min=0.4km az=57.0
NAO 25.23:17.22.0, 37.20N-20.65E, h10km, mb4.7
IDC 25.23:17.23.9, 37.49N-20.03E, h0km, mb4.2/7, mbtmp4.0/13, ML3.7/3, Error ellipse: s-maj=19.0km s-min=15.5km az=108.0
ATH 25.23:17.23.8, 37.31N-20.72E, h8km, 1km, ML4.3/18, Manual Solution by N.Liadopoulos This location: 20.0625 05:21:31 M. Amplitudes are expressed in microamperes. All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
ISC 25.23:17.22.6, 1.3, 37.34N-0.03, 20.61E, 0.03, h4km, gkm, n76, c136/108, mb4.1/7, Ionian Sea

25d 23h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like VAE Valguarnera, MLR Muntele Rosu, SOKA Soboth, OBKA Obir, BRTR Keskin Array B, RONA Rosalia, Austru, MOA Mollin, BIOA Bad Ischl, LESA Schwarzeal, WATA Walderalm, QOTA Sankt Martin, SOTA Moosalm, GERES GERES Array B, AKASG Malin Array B, CLL Collim, HFS Hagfors, EKA Eskdalemuir Ar, FINES FINES Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, TORO Torodi Ar, BVAR Borovoye Array, DBIC Dimboko, WRA Warramunga Ar, ASAR Alice Springs.

GCG 25.23:17.19.9.0.7, 13.76N, 89.56W, h173km, 14km, MD3.9
CAIAC 25.23:17.22.0.0.5, 13.62N, 89.41W, h109km, 2km, ML3.3
SNFT 25.23:17.22.0.0.5, 13.63N, 89.41W, h114km, 3km, ML3.9
ISC 25.23:17.23.3.1.7, 13.56N, 0.08-89.41W, 0.05, h109km, gkm, n48, c089/63, 3C-1Z, El Salvador

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JAYA Jayaque, LALI Alcaldia de L, BOQS Boqueron, PANCS Alcaldia de, PANCS, CEDA San Andres, CEDA, CEVE Cerro Verde, CEVE, LFRS El Faro, LFRS, LFLS La Fuente, SBLs San Blas, SNJE San Jose, RTR El Retiro, PAVA Las Pavas, PAVA, NUBE Las Nubes, NUBE, COEG Centro de Oper, COEG, SNVI San Vicente, LOAL Lomas de Alarc, LOAL, SLOZ Alcaldia de Sa, TECO Alcaldia de Te, TECO, TECO, SCLA Alcaldia de Sa, SCLA, LLGN La Laguna, LLGN, MTO3 Montecristo, MTO3, MTO3, TECA Tecapa, TECA, ESQUI Esquipulas, ESQUI, RANC El Rancho, RANC, BLLM Bellmaria, CAHU Cacacuatique, NBG Las Nubes, NBG, LOND La Caada, LOND, LOND.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MRL Marmol, CNCH Conchagua, ESSG Sabana Grande, FUG Fuego 3, STG3 Santiaguillo 3, LKXRA Lixouri, LXR1 Lixouri, DMLN Damouliana-K, DMLN, SMHA Samh, FSK Fiskardo, RLS Riolos de, RLS, RLS, DRO Drossia, DRO, EVGI Lefkada island, EVGI, EVGI, DRAG Dragano-Lefkad, DRAG, NYDR Nydri-Lefkada, NYDR, NYDR, PYLOS, PYLOS, PYL, ITM Ithomi, ITM, ITM, LK2D Lefkada island, LK2D, LK2D, LK2D, UPUR University Cam, UPUR, TSLSK Tsoukalades, L, TSLSK, TSLSK, TSLSK, TSLSK, KLV Kalavryta, KLV, KLV, EFP Efpalio, EFP, EFP, ALIK Alik, ALIK, GUR Goura.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GUR Goura, ANX Ano Chora, KALE Kalithea, EVR Evrytania, DLFA Delphi, MAKRA Makrakomi, MAKRA, IGT Igoumenitsa, IGT, LOU Loutraki, AXAR Agios Charalamb, AXAR, JAN Janina, JAN, KRND Krnidi, VLI Velia, VLI, KEK Kerkira, KEK, KEK, VIL2 Platees, VIL2, VIL2, THL Klokotos Trika, THL, THL, LRSO Larissa Observ, LRSO, ATH Athens Observa, ATH, ATH, PENT Pentafotos, PENT, NEST Nestorio, NEST, KZN Kozani, KZN, SCTE Santa Cesarea, SCTE, SCTE, LIT Litokhron, LIT, FNA Fiorina, FNA, TIP Timpaogrande, TIP, CEL Celeste, CEL, ANO Anoyia, ANO, IDI Idri, IDI, CUC Castrocuoco, CUC, CUC, PUK Puka, PUK, VAE Valguarnera, VAE, VAE, WAD Raffo Rosso, WAD, WAD, WAD, SGRG San Giovanni R, SGRG, PAOL Paolis, PAOL, INTR Introdacqua, INTR, INTR, MLR Muntele Rosu, MLR, MLR, KEST Kesra, KEST, KEST, BEHE Becehely, BEHE, ZCCA Zocca, ZCCA, BRTR Keskin Array B, BRTR, BRTR, DAVOX Davos/Dischmat, DAVOX, DAVOX, TUE Gerres Array B, TUE, GERES Gerres Array B, GERES, AKASG Malin Array B, AKASG, AKASG, CEST Esterri de Car, CEST, CEST, WLF Walferdange, WLF, WLF, PABE Paberze, PABE, PABE, GNI Garni, GNI, GNI, ESDC Sonseca Array, ESDC, ESDC, MDT Midelt, MDT, MDT, MTE Mte, MTE, MTE, PESTR Estremoz, PESTR, COI Coimbra, COI, COI, MESJ Messejana, MESJ, MESJ, HFS Hagfors, HFS, HFS, AVE Averoeres, AVE, AVE, EKA Eskdalemuir Ar, EKA, EKA, FINES FINES Array B, FINES, FINES, NB2 NORSAR Subarra, NB2, NB2, NOA NORSAR Array B, NOA, NOA, TORO Torodi Ar, TORO, TORO.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ARCES ARCESS Array B, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AST1, EVGI Lefkada island, DRAG Dragano-Lefkad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AC06, AC06, G003 Copiapo, etc.

ATH 25 23:21:01.4, 37:57N:20:40E, h8km, 1km, ML3.8/6, Error ellipse: s-maj=3.5km, s-min=1.5km, az=82.0

KEST Keira 9.27 263 Pn 0.4km, 0.3s, baz=121, slow=23, SNR=4.1

AC04 Llanos de Chal 1.86 183 eP 0.3km, 0.6s, baz=212, slow=9.3, SNR=1.6

Main table section 1: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KR11 KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Main table section 2: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AKASO Malin Array Be, ESDC Sonseca Array, MDT Midelt, etc.

Main table section 3: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AC04 Llanos de Chal, G003 Copiapo, G002 Mina Guanaco, etc.

THE 25 23:21:02.7, 37:64N:20:45E, h12km, ML3.7/11, Error ellipse: s-maj=1.3km, s-min=0.5km, az=56.0

NOA NORSAR Subarra 24.31 349 P 2.3km, 0.7s, baz=187, slow=11, SNR=2.5

AC04 Llanos de Chal 1.86 183 eP 0.3km, 0.6s, baz=212, slow=9.3, SNR=1.6

Main table section 4: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KR11 KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Main table section 5: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AKASO Malin Array Be, ESDC Sonseca Array, MDT Midelt, etc.

Main table section 6: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like AC04 Llanos de Chal, G003 Copiapo, G002 Mina Guanaco, etc.

ARC25 23:23:05.4, 0.9, 37:39N:20:78E, h0km, mb4.0/13, mbmp3.9/20, ML3.7/6, Error ellipse: s-maj=22.6km

ARC25 23:23:07.5, 1.5, 37:35N:0:05, 20:68E:0:04, h14km, gkm, n42, r1921/60, mb4.0/13, Ionian Sea

ARC25 23:23:07.5, 1.5, 37:35N:0:05, 20:68E:0:04, h14km, n20, Ionian Sea

ARC25 23:23:07.5, 1.5, 37:35N:0:05, 20:68E:0:04, h14km, n20, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like EMET, BNAZ, TVSB, PASA, KULA, DOMA, DST, DURS, SHUT.

IDC 25 23:31:40.6 ± 1.0, 37.56N:20:54E, h0km, mb3.1/1, mbmp3.9/15, ML3.7/2, Error ellipse: s-maj=20.1km s-min=17.2km az=159.0

NEIC 25 23:31:41.6 ± 2.1, 37.54N:0:07:20:53E:0:08, h10km ± 1km, mb4.4/10, Error ellipse: s-maj=11.1km s-min=10.8km az=187.0

ISC 25 23:31:42.9 ± 0.6, 37.57N:0:08:20:52E:0:05, h15km, n38, s=089/39, mb4.0/16, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KEK, LIT, SCITE, FNA, CEL, IDI, VAE, RAFF, WDD, ALN, SGRT, MLR, KEST, MMAI, ECH, MDT, HFS, NC602, EKA, FINES, FI1, NOA, NC303, TOR, ABKAR, ARCES, BVAR, DBIC, KURB, KURK, SUMG, MK31, MKAR, ZAAO, ZALV.

IDC 25 23:35:25.2 ± 1.5, 40:13N:22:83E, h0km, mb3.8/9, mbz=126.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HFS, FINES, NOA, ARCES, TOR, BVAR, DBIC, KURB, KURK, SUMG, MK31, MKAR, ZAAO, ZALV.

IDC 25 23:35:58.2 ± 1.8, 37.57N:21:62E, h0km, mb4.1/9, mbmp4.0/12, ML1.8/1, Error ellipse: s-maj=31.4km s-min=22.3km az=55.0

NAO 25 23:36:23.9 ± 4.0, 12N:19:69E, h10km, mb3.7, ISC 25 23:35:57.5 ± 1.2, 37.55N:0:1:21:36E:0:1, h12km, n17, s=25/23, mb4.1/9, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KEK, LIT, SCITE, FNA, CEL, IDI, VAE, RAFF, WDD, ALN, SGRT, MLR, KEST, MMAI, ECH, MDT, HFS, NC602, EKA, FINES, FI1, NOA, NC303, TOR, ABKAR, ARCES, BVAR, DBIC, KURB, KURK, SUMG, MK31, MKAR, ZAAO, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MLR, SOKA, OBKA, MOA, AKASG, CLL, HFS, FINES, EKA, NB2, NOA, ARCES, BVAR, MKAR, ZALV, SONM.

IDC 25 23:37:34.2 ± 1.4, 39:25N:22:09E, h0km, mb3.9/9, mbz=126.0, Greece

IDC 25 23:37:34.2 ± 1.4, 39:25N:22:09E, h0km, mb3.9/9, mbz=126.0, Greece

IDC 25 23:37:34.2 ± 1.4, 39:25N:22:09E, h0km, mb3.9/9, mbz=126.0, Greece

IDC 25 23:37:34.2 ± 1.4, 39:25N:22:09E, h0km, mb3.9/9, mbz=126.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like HFS, FINES, NOA, ARCES, TOR, BVAR, KURB, MKAR, ZALV.

AFAD 25 23:42:42.6 ± 0.0, 37:81N:29:17E, h7km ± 4km, ML1.8, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DNIZ, INCE, TAVA, DNZT, ESEN, BRDR, MANT.

AFAD 25 23:42:42.6 ± 0.0, 39:16N:29:06E, h5km, ML2.4/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SMAA, SIMA, SHAP, EMET, GEDZ, TOR, BVAR, KURB, MKAR, ZAAO, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like GEMT, SHUT, ADVT, ARONE, GOMT, VLV, SRCK, EDC, AYDB, GULT, HRT, BLCB.

NAO 25 23:43:09.4 ± 3.7, 20N:20:65E, h10km, mb4.4, IDC 25 23:43:11.0 ± 1.1, 37:58N:20:71E, h0km, mb3.9/9, mbmp3.8/16, ML3.6/4, Error ellipse: s-maj=21.7km s-min=16.1km az=145.0

ISC 25 23:43:13.1 ± 0.7, 37:55N:0:09:20:70E:0:06, h15km, n20, s=077/20, mb3.9/19, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like IDI, VAE, VAE, MLR, KEST, SOKA, OBKA, GERES, AKASG, CLL, ESDC, MDT, HFS, EKA, FINES, NB2, NOA, TOR, KURB, ZALV, PETK.

VIE 25 23:43:38.8 ± 4.0, 24N:20:85E, h0km, mb3.9/4, IDC 25 23:44:04.4 ± 0.8, 37:52N:20:73E, h0km, mb4.0/15, mbmp4.0/19, ML4.0/4, Error ellipse: s-maj=20.8km s-min=15.6km az=158.0

NEIC 25 23:44:05.5 ± 1.9, 37:41N:0:07:20:65E:0:07, h10km ± 1km, mb4.8/7, Error ellipse: s-maj=11.7km s-min=9.9km az=164.0

ISC 25 23:46:03.0 ± 0.6, 37:43N:0:07:20:67E:0:06, h15km, n60, s=151/60, mb4.0/17, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KEK, LIT, SCITE, FNA, TIP, CEL, TIR, IDI, CUC, PUK, RAFF, WDD, ALN, SGRT, PAOL, INTR, CAMP, NRCA, BORA, MLR.

ISC 25 23:46:03.0 ± 0.6, 37:43N:0:07:20:67E:0:06, h15km, n60, s=151/60, mb4.0/17, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KEST, ZCCA, TEOL, KHG, KHC, MMAI, ZVC, PAOL, CHVC, GRA1, GFO, AK05, AKAS, AKAS, CLL, CLL, CLL, WLF, PABE.

ISC 25 23:46:03.0 ± 0.6, 37:43N:0:07:20:67E:0:06, h15km, n60, s=151/60, mb4.0/17, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like FINES, NOA, TOR, HFS, EKA, FINES, NOA, TOR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, BVAR Borovoye Array, KURBB Kurchatov Arra, etc.

NAO 25 23:46:42.5, 36.75N-23.80E, h10km, mb3.8
IDC 25 23:46:51.2, 1.1, 37.45N-20.60E, h0km, mb3.8/1.1
mbmp3.8/16, ML3.9/3, Error ellipse: s-maj=22.2km
s-min=18.4km az=161.0

ISC 25 23:46:53.0, 0.7, 37.40N-10.20E, h15km, n19,
e1541/21, mb3.9/12, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANOYIA, VAE Valguamera, MLR Muntele Rosu, etc.

IDC 25 23:46:55.3, 0.8, 3.88S-153.17E, h0km, mb4.3/16
mbmp4.4/17, ML5.0/1, Error ellipse: s-maj=27.8km
s-min=14.6km az=98.0
NEIC 25 23:47:03.1, 1.6, 3.80S-0.06E, 152.97E, h4km, mb4km,
mb4.7/35, Error ellipse: s-maj=9.0km s-min=8.2km
az=92.0
DJA 25 23:47:04.5, 0.9, 4.5S-153.3E, h50km, M4.7/13,
mb4.7/13

ISC 25 23:47:01.3, 0.4, 3.81S-153.00E, h0km, h35km, n90,
e1973/81, mb4.6/35, 1D, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, 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 WRA Warramunga Arr, AULRC Lightning Ridg, H11S3 WAKE ISLAND Hy, etc.

CAN Canberra 31.57 186 P P 23 53 20.6 -0.1
CAN Canberra 31.57 186 P P 23 53 20.6 -0.1

WRKA Warakura 31.78 226 P P 23 53 15.7 -6.9
MULG Mulgathing 31.84 212 P P 23 53 19.4 -3.6

BBOW Buckleboo 32.92 207 P P 23 53 32.3 -0.2
BBOW Buckleboo 32.92 207 P P 23 53 32.3 -0.2

MGBR Mount Gambier 35.62 197 P P 23 53 55.8 -0.0
FORT Forrest 35.68 218 P P 23 53 55.7 -0.2

MBWA Marble Bar 36.64 239 P P 23 54 04.6 -0.7
PSA00 Pilbara Seismi 36.71 238 P P 23 54 03.9 -1.4

JOW Kunigami 38.72 323 P P 23 54 22.3 +0.1
RTZ Ruatahuna 49.95 151 P P 23 54 40.4 -0.4

TKNZ Takaka Hill 41.18 157 P P 23 54 40.3 +0.5
NACB Nanganchiao 41.33 314 P P 23 54 44.0 +0.1

TPUB Tangu 41.51 312 P P 23 54 45.1 -0.4
TPUB Tangu 41.51 312 P P 23 54 45.2 -0.4

INU Inuyama 41.74 340 P P 23 54 47.4 +0.3
INU Inuyama 41.74 340 P P 23 54 47.4 +0.3

YHNB Yeheng 41.79 314 P P 23 54 46.6 -1.1
YHNB Yeheng 41.79 314 P P 23 54 46.6 -1.1

JUNU Nakatsue 42.28 332 P P 23 54 51.4 -0.3
JUNU Nakatsue 42.28 332 P P 23 54 51.4 -0.3

MJAR Matsushiro Arr 42.45 342 P P 23 54 51.7 -1.2
MJAR Matsushiro Arr 42.45 342 P P 23 54 51.7 -1.2

MORW Morawa 43.13 230 P P 23 54 57.9 -0.7
MORW Morawa 43.13 230 P P 23 54 57.9 -0.7

JTM Tenmabayashi 45.71 347 P P 23 55 19.6 +0.7
KSR5 Korea Arr 47.22 333 P P 23 55 31.6 +0.9

KSAR Wunju Array Be 47.22 333 P P 23 55 30.6 -0.3
USRK Usuriysk Arr 51.38 341 P P 23 56 03.6 +1.1

PEA0B Petropavlovsk 56.84 3 P P 23 56 42.1 -0.1
PETK Petropavlovsk 56.84 3 P P 23 56 42.0 -0.3

PETK Petropavlovsk 56.84 3 P P 23 56 43.1 +0.9
PETK Petropavlovsk 56.84 3 P P 23 56 43.1 +0.9

CMAR Chiang Mai Arr 57.65 295 P P 23 56 48.5 -0.1
CMAR Chiang Mai Arr 57.65 295 P P 23 56 50.8 +2.0

CMAR Chiang Mai Arr 57.65 295 P P 23 56 50.8 +2.0
CMAR Chiang Mai Arr 57.65 295 P P 23 56 50.8 +2.0

SONM Songino Array 65.60 327 P P 23 57 42.7 +0.8
SONM Songino Array 65.60 327 P P 23 57 42.5 +0.7

MKAR Makanchi Arr 79.72 319 P P 23 59 05.1 -0.6
ZALV Zalesovo Beam 84.55 326 P P 23 59 08.8 -0.6

ILAR Eielson Array 81.17 22 P P 23 59 12.4 -0.6
J25K Salcha River 81.67 23 P P 23 59 15.5 -0.2

GSPA South Pole Qui 86.14 180 P P 23 59 38.4 -0.3
H31M Peel River 86.22 23 P P 23 59 40.4 +0.5

MAW Maw River 86.56 203 P P 23 59 39.6 -0.9
G31M Satah River 86.78 22 P P 23 59 41.8 +0.3

BVAR Borovoye Array 88.57 323 P P 23 59 49.7 -0.8
LON Longmire 89.45 43 P P 23 59 52.8 -2.0

ELIB Princess Elisa 97.81 194 P P 00 00 32.0 -0.8
TORD Torodi Arr Be 150.18 290 PKPbc PKPbc 00 00 48.6 -1.0

NEIC 25 23:47:45.5, 1.1, 55.95S-01:27:8W, 0.2, h112km, 8km,
mb4.6/32, Error ellipse: s-maj=17.5km s-min=12.0km
az=200.0
IDC 25 23:47:49.5, 4.2, 55.95S-27:8W, h156km, 39km, mb4.2/8,
mbmp4.6/10, Error ellipse: s-maj=18.8km s-min=14.4km
az=54.0

ISC 25 23:47:46.0, 0.4, 55.84S-01:27:86W, 0.07, h121km,
n129, e1926/124, mb4.5/17, 7C, South Sandwich Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, AULRC Lightning Ridg, H11S3 WAKE ISLAND Hy, 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 PMSA Palmer Station, PMSA Palmer Station, TROLL Troll, Antarti, etc.

COO1 Juntas del Tor 39.29 293 P P 23 55 04.3 +0.3
AC05 El Transito 40.40 294 P P 23 55 12.6 +0.4
MAW Mawson 40.54 144 P P 23 55 11.7 -1.0

SUR Sutherland 40.76 76 P P 23 55 18.5 +1.8
GOO2 Mina Guanaco 43.06 298 P P 23 55 34.3 +0.2

GRHM Grisham Station, E 43.35 82 P P 23 55 35.5 -0.5
LVC Limon Verde 47.87 301 P P 23 55 49.1 +0.5

BOB9 IPOC Station P 45.72 301 P P 23 55 56.2 +1.1
BOB9 IPOC Station P 45.72 301 P P 23 55 56.2 +1.1

PTLB Pontes e Lacer 46.88 317 P P 23 56 03.6 -0.3
GO01 Chumizua 47.51 302 P P 23 56 09.8 +0.4

PB11 IPOC Station P 47.66 302 P P 23 56 10.5 +0.4
PB11 IPOC Station P 47.66 302 P P 23 56 10.5 +0.4

H10S2 ASCENSION HYDR47.91 18 T T 00 48 43.2
H10S3 ASCENSION HYDR47.91 18 T T 00 48 46.3

H10N1 ASCENSION HYDR9.02 18 T T 00 50 03.8
H10N2 ASCENSION HYDR9.03 18 T T 00 50 07.6

LBTB Lobatse 49.31 74 P P 23 56 22.5 -0.2
LBTB Lobatse 49.31 74 P P 23 56 22.5 -0.2

LPAZ La Paz 49.95 306 P P 23 56 28.9 +0.7
LPAZ La Paz 49.95 306 P P 23 56 28.9 +0.7

LPAZ La Paz 49.95 306 P P 23 56 28.7 +0.5
LPAZ La Paz 49.95 306 P P 23 56 28.7 +0.5

CASY Casey 54.23 161 P P 23 56 58.2 -0.4
SAML Samuel 54.39 315 P P 23 56 60.0 -0.3

LSZ Beaver Station 56.75 70 P P 23 57 31.6
LSZ Beaver Station 56.75 70 P P 23 57 31.6

VOI Vohitsoka 63.58 90 P P 23 58 05.1 +1.3
BOAV Boa Vista 63.86 323 P P 23 58 14.1 +0.8

DBIC Dimbokro 65.13 25 P P 23 58 38.2
DBIC Dimbokro 65.13 25 P P 23 58 38.2

DBIC Dimbokro 65.13 25 P P 23 58 14.3 +0.5
DBIC Dimbokro 65.13 25 P P 23 58 14.3 +0.5

BAUV El Baul 72.65 318 P P 23 59 00.1 -0.1
BAUV El Baul 72.65 318 P P 23 59 00.1 -0.1

TORD Torodi Arr Be 73.06 30 P P 23 59 03.3 +0.7
TORD Torodi Arr Be 73.06 30 P P 23 59 04.0 +0.7

TORD Torodi Arr Be 73.06 30 P P 23 59 03.3 +0.7
TORD Torodi Arr Be 73.06 30 P P 23 59 03.3 +0.7

MPOM Morne Pois Mar 75.31 327 P P 23 59 18.0 +2.4
FORT Forrest 91.31 159 P P 23 59 38.0 +0.3

ASAR Alice Springs 99.30 163 P P 00 01 12.4 -1.8
ASAR Alice Springs 99.30 163 P P 00 01 12.4 -1.8

WRA Warramunga Arr 103.02 163 P P 00 01 29.2 -1.6
WRA Warramunga Arr 103.02 163 P P 00 01 29.2 -1.6

PDAR Pinedale Array 119.91 303 PKP PKPdf 00 06 19.0 -2.5
FINES FINESS Array B 124.37 28 PKP PKPdf 00 06 28.1 -1.0

CMAR Chiang Mai Arr 125.49 111 PKP PKPdf 00 06 31.9 -0.8
ARCES ARCESS Array B 130.88 22 PKP PKPdf 00 06 39.7 -1.6

YKA Yellowknife Arr 135.76 318 PKP PKPdf 00 06 49.6 -1.0
KURBB Kurchatov Arra 137.55 65 PKP PKPdf 00 06 51.2 -3.1

ZALV Zalesovo Beam 142.61 64 PKP PKPpre 00 06 58.9
H31M Peel River 144.91 317 P P 00 07 06.2 -0.4

H31M Peel River 144.91 317 P P 00 07 06.2 -0.4
H31M Peel River 144.91 317 P P 00 07 06.2 -0.4

G31M Satah River 145.25 318 P P 00 07 07.1 -0.5
J30M Hart River 145.28 314 P P 00 07 08.0 +0.1

INK Inuvik 145.40 321 P P 00 07 07.6 -0.2
L29M L29M 145.51 311 P P 00 07 08.7 +0.4

K29M Barlow Dome 145.52 313 P P 00 07 08.2 -0.2
I30M Mount Dempster 145.52 315 P P 00 07 07.9 -0.4

EPYK Eagle Plains 146.01 317 P P 00 07 09.6 +0.6
F30M Starb River 146.02 319 P P 00 07 09.5 +0.6

CTG China Glacier 146.14 307 P P 00 07 10.2 +0.7
DAWY Dawson River 146.37 312 P P 00 07 10.6 +0.9

BVCY Beaver Creek 146.45 309 P P 00 07 11.0 +1.1
H29M Whitestone 146.61 316 P P 00 07 11.0 +1.0

G29M Pine Creek 146.66 318 P P 00 07 11.4 -0.5
M27K Edge Creek, AK 146.88 309 P P 00 07 12.7 -0.1

E29M Blow River 146.99 320 P P 00 07 12.0 -0.8
I28M Miner Creek 147.01 315 P P 00 07 12.2 +1.3

L27K Stakes Point 147.08 310 P P 00 07 12.8 -0.5
L27K Chicken 147.48 312 P P 00 07 14.5 +0.2

D28M Stakes Point 147.49 322 P P 00 07 13.9 -0.2
F28M Old Crow 147.53 319 P P 00 07 13.7 -0.6

25d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H27K Steamboat Moun, G27K Doyon Strip, J26L Joseph Creek, etc.

IDC 25 23:48:01.4 ± 1.6, 39°75N, 19°72E, h0km, mb3.8/6, mbmp3.0/11, ML3.9/3, Error ellipse: s-maj=23.1km s-min=21.5km az=11.0

NAO 25 23:48:10.3, 40°04N, 19°70E, h10km, mb3.4, ISC 25 23:48:01.4 ± 0.9, 39°53N, 0°09.1965E, 0.06, h10km, n12, s=279/14, mb3.8/5, Greece-Albania border region

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

DJA 25 23:51:53.3 ± 0.9, 2°12'N, 88°14'W, h88km ± 14km, M3.8/8, mb3.8/1, MLV3.7/8, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, KMSI Catinong, SANI Sanana, etc.

SNET 25 23:52:24.7 ± 3.1, 12°33'N, 87°80'W, h5km, 40km, ML3.3, CATAC 25 23:52:24.4 ± 0.4, 12°28'N, 87°54'W, h36km, 4km, ML4.1, ISC 25 23:52:24.9 ± 5.9, 12°28'N, 0°05:87.57W, 0.04, h36km ± 6km, n42, s=075/65, 2C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EVJ El Viejo, CRIN San Cristobal, CSGN Cosiguina Volc, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PKGN comp=Z,34um,1.0s, CNGA Ai SSO del Vol, CNGA comp=Z,6um,1.0s, etc.

IDC 25 23:53:42.6 ± 1.2, 37°67'N, 20°71E, h0km, mb4.0/10, mbmp3.9/18, ML3.6/7, Error ellipse: s-maj=21.9km s-min=15.4km az=7.0

NEIC 25 23:53:44.6 ± 1.9, 37°64'N, 0°07:20'63E, 0.05, h10km ± 2km, mb4.5/8, Error ellipse: s-maj=12.8km s-min=4.2km az=200.0

NAO 25 23:53:54.6 ± 6.8, 38°44'N, 18°98E, h10km, mb3.6, ISC 25 23:53:44.9 ± 0.7, 37°64'N, 0°08:20'64E, 0.06, h15km, n49, s=194/49, mb4.2/13, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KEK Kerkira, LIT Litolhoron, SCTE Santa Cesarea, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OBKA Obir, PSZ Pliskkesteto, ARSA Arzbeq, etc.

KRSC 25 23:57:39.8 ± 2.1, 59°11'N, 158°15'E, h19km, 22km, ML4.2, NERS 25 23:57:50.8, 58°88'N, 158°38'E, h17km, ISC 25 23:57:46.7 ± 0.8, 58°85'N, 0°03:158E, 0.03, h10km, n27, s=193/39, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PALN Palana, TIGL Tigil, OSSR Ossora, etc.

IDC 25 23:59:37.2 ± 3.1, 37°45'N, 20°95E, h0km, mb3.6/9, mbmp3.6/12, ML3.7/2, Error ellipse: s-maj=31.7km s-min=17.3km az=149.0

NAO 25 23:59:41.3, 37°20'N, 20°65E, h10km, mb3.6, ISC 25 23:59:39.8 ± 0.8, 37°51'N, 0°12:86E, 0.07, h12km, n15, s=112/16, mb3.7/9, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SEY Seymchan, OCHR Omchak, SUUS Susuman, etc.

Table with columns: VAE, VAE, MLR, AKASG, ESDC, MDT, HFS, FINES, NB2, NOA, TORD, BVAR, KURBB, MKAR, ZALV. Includes station names, times, and coordinates.

IDC 26:00:01:55.8:0.9,37:69N:20:79E,h0km,mb3.8/11, mbtmp3.7/12,ML3.3/4.5, Error ellipse: s-maj=18.2km s-min=16.9km az=175.0

NEIC 26:00:01:56.1:1.6,37:48N:01:07:20:60E,0.08,h10km,1km, mb4.3/10, Error ellipse: s-maj=11.4km s-min=10.5km az=155.0

NAO 26:00:02:14.7,39:05N:21:02E,h33km,mb3.2, ISC 26:00:01:57.0:0.6,37:54N:0:06:20:64E,0.05,h15km,n48, c1815/51,mb3.9/16,Ionian Sea

Main table for station data on the left side, including columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station identifiers like KEK, LIT, SCTE, etc.

IDC 26:00:04:12.9:1.7,37:48N:20:80E,h0km,mb3.7/8, mbtmp3.7/12,ML3.3/4.5, Error ellipse: s-maj=32.9km s-min=22.3km az=174.0

ISC 26:00:04:15.4:0.9,37:69N:01:20:65E,0.06,h15km,n14, c158/15,mb3.8/16,Ionian Sea

Table with columns: VAE, MLR, KEST, AKASG, ESDC, HFS, EKA, FINES, NOA, KURBB, MKAR, ZALV, CMAR. Includes station names, times, and coordinates.

IDC 26:00:06:26.2:1.2,37:60N:20:47E,h0km,mb3.6/8, mbtmp3.5/12,ML2.6/2, Error ellipse: s-maj=25.1km s-min=19.8km az=171.0

ATH 26:00:06:26.7,37:37N:20:64E,h8km,1km,ML3.8/23, Manual Solution by A.Andreou This location: 2020/06/24 09:47:04 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km Longitude uncertainty: 2 km

THE 26:00:06:28.1,37:41N:20:69E,h7km,2km,ML3.9/13, Error ellipse: s-maj=2.6km s-min=0.6km az=54.0

ISC 26:00:06:27.2:1.1,37:41N:0:03:20:65E,0.03,h11km,7km, n61,c95/90,mb3.7/8,Ionian Sea

Main table for station data on the right side, including columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station identifiers like KR1I, LTHK, VLS, etc.

IDC 26:00:04:12.9:1.7,37:48N:20:80E,h0km,mb3.7/8, mbtmp3.7/12,ML3.3/4.5, Error ellipse: s-maj=32.9km s-min=22.3km az=174.0

ISC 26:00:04:15.4:0.9,37:69N:01:20:65E,0.06,h15km,n14, c158/15,mb3.8/16,Ionian Sea

Table with columns: FINES, NOA, TORD, KURBB, MKAR, ZALV. Includes station names, times, and coordinates.

IDC 26:00:08:35.9:1.5,37:01N:21:64E,h0km,mb3.5/7, mbtmp3.7/12,ML3.3/4.5, Error ellipse: s-maj=31.3km s-min=18.6km az=144.0

NAO 26:00:09:05.9,40:07N:22:89E,h10km,mb3.1, ISC 26:00:08:36.2:1.3,36:8N:01:21:38E,0.1,h10km,n16, c237/16,mb3.5/5,Southern Greece

Main table for station data on the right side, including columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station identifiers like VAE, MLR, KEST, SOKA, MOA, LESA, etc.

BEO 26:00:13:35.4:0.9,37:36N:20:63E,h0km,ML4.5/8, IDC 26:00:13:35.1:0.5,37:51N:20:80E,h0km,mb4.3/27, mbtmp4.3/39,ML3.7/11, Error ellipse: s-maj=11.4km s-min=10.6km az=177.0

MOS 26:00:13:35.7:1.1,37:48N:20:67E,h11km,mb5.0/47, Error ellipse: s-maj=5.3km s-min=3.0km az=81.5

NEIC 26:00:13:38.9:1.9,37:52N:0:06:20:57E,0.07,h10km,1km, mb4.9/123, Error ellipse: s-maj=9.6km s-min=9.2km az=127.0

THE 26:00:13:38.2:1.7,37:49N:20:67E,h29km,ML4.5/4, Error ellipse: s-maj=2.7km s-min=0.5km az=275.0

MCSM 26:00:13:38.3:0.2,38°N,2°E, h10km,mb6.9,mb4.8, MLV4.7, Mw(mb)6.8

ATH 26:00:13:39.1,37:47N:20:68E,h8km,ML4.6/36, Manual Solution by M.Charalampakis This location: 2020/06/26 18:53:45 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km Longitude uncertainty: 2 km

PDG 26:00:13:42.6:1.1,37:59N:20:59E,h35km,10km,ML4.7/13, Error ellipse: s-maj=2.2km s-min=3.5km az=0.0

TIR 26:00:13:42.9,37:78N:20:18E,h25km,1km,ML2.6, BGR 26:00:13:49.3:0.8,38°N,20°E,h10km, Error ellipse: s-maj=93.4km s-min=41.1km az=50.0

NAO 26:00:14:15.6,40:87N:18:35E,h10km,mb4.5, ISC 26:00:13:38.9:1.9,37:49N:0:02:20:70E,0.03,h20km,3km, n866,c1861/876,mb4.9/121,36C-39N,Ionian Sea

Main table for station data on the right side, including columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station identifiers like KR1I, LTHK, VLS, etc.

26d 0h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like MNVA Monemvasia, IGT Igoumenitsa, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like BRY Bratogost, SGRT San Giovanni R, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like ARSA Arzberg, ARSA Arzberg, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EIL, TAN, BRG, BRG, RNPPS, AK04, AK07, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VORD, GNI, GNI, GNI, VSR, VSR, VSR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PUL, PUL, PUL, AVE, AVE, AVE, etc.

26d Oh

Table with columns for station ID, name, frequency, power, polarization, and other parameters. Includes stations like DBIC, GAR, TRKS, BTK, KBL, MBAR, ARK, DRK, SPITS, AAK, ARLS, KMBO, BOOM, NIL, KURBB, KURK, DAG, ANGG, ICESG, SUMG, MK31, MKAR, ZAAO, ZALV, DY2G, NEEM, LSZ, MSEY, EUNU, TSUM, LSA, SCHO, TIXI, RES, SHL, SONM, ULAN, LBTB, YAK, BOS, ZEA, CHTO, CMAR.

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Table with columns for station ID, name, frequency, power, polarization, and other parameters. Includes stations like C36M, BILL, SLVN, C26K, B22K, D28M, C27K, D27M, D27M, INK, INK, C23K, C23K, B20K, C24K, D25K, B21K, E28M, E28M, E29M, D24K, F31M, C21K, D23K, F30M, E27K, E27K, D22K, TOLK, YKA, D20K, G31M, G31M, F28M, E25K, KLR, D19K, E24K, F26K, E23K, E22K, G29M, F25K, F24K, EPYK, EPYK, D17K, G27K, F22K, G26K, H31M, H29M, E19K, COLD, E18K, F21K, G25K, WRGL, H27K, E17K, G22K, F20K, FFC, FFC, G23K, F19K, H25L, I30M, I30M, I29M, G21K, F18K, I28M, I27K, ULM.

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Table with columns for station ID, name, frequency, power, polarization, and other parameters. Includes stations like F17K, H24K, J30M, G19K, H23K, I26K, H22K, G18K, H21K, H21K, TNA, OBIP, P49A, H19K, H20K, G17K, I23K, G16K, K29M, MAYO, DAWY, DAWY, J26L, J26L, MLY, ILAR, J25K, USRK, USRK, USRK, MIMPY, K27K, HDA, HDA, I20K, WRH, SCRK, H16K, L29M, FARO, RIDG, K24K, KOTAN, BPAW, J20K, GAMB, M31M, MCK, J19K, CHUM, L27K, I17K, M29M, M29M, L26K, TRF, CAST, PAX, DHY, BVCY, J18K, K20K, J17K, WTL, LIRD, KSAR, KSAR, WAT1, KSRS, N30M, HARP, TTA, YUK3, TOAD, J14K, K17K, YUK6, L19K, L18K, M23K, R33M, L17K, M20K, O29M.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BMRM Bremer River, YSS Yuzh-Sakhalin, Q32M Nakina River, etc.

THE 26 00:18:16.8, 37.56N, 20.66E, h9km, 5km, ML3.8/5, Error ellipse: s-maj=6.3km s-min=0.9km az=40.0

ATH 26 00:18:17.6, 37.57N, 20.72E, h6km, 1km, ML3.4/13, Error ellipse: s-maj=1.7km s-min=0.7km az=48.0

ISC 26 00:18:16.9, 1.2, 37.57N, 0.04, 20.69E, 0.04, h10km, 6km, n39, c0538/64, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KRI1 KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ANX Ano Chora, EVR Evrytania, DLFA Delphi, etc.

THE 26 00:22:41.0, 36.57N, 19.72E, h1km, 5km, ML5.0/16, Error ellipse: s-maj=8.6km s-min=1.3km az=232.0

ISC 26 00:22:43.7, 26.367N, 0.11917E, 0.2, h10km, n57, c26/55, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, DMLN Damoulouanata-K, etc.

BEO 26 00:23:08.1, 0.8, 37.27N, 21.32E, h0km, ML4.5/7, IDC 26 00:23:08.5, 0.5, 37.46N, 21.00E, h0km, mb4.4/27, m1m/p4.4/41, ML3.9/12, 6.95, 5/3, Error ellipse: s-maj=1.11km s-min=0.9km az=149.0

NAO 26 00:23:09.0, 37.38N, 20.87E, h10km, mb4.7, MOS 26 00:23:09.3, 1.0, 37.46N, 20.93E, h16km, mb5.0/21, Error ellipse: s-maj=5.5km s-min=2.7km az=82.3

AFAD 26 00:23:10.4, 0.0, 37.32N, 21.17E, h7km, 3km, MW5.0, NEIC 26 00:23:11.2, 2.4, 37.53N, 0.06, 20.85E, 0.06, h10km, 1km, mb4.7/75, Error ellipse: s-maj=10.4km s-min=7.8km az=199.0

PDG 26 00:23:11.2, 0.9, 37.47N, 20.84E, h7km, 4km, ML4.7/13, Error ellipse: s-maj=1.6km s-min=1.4km az=90.0

THE 26 00:23:12.8, 37.37N, 20.85E, h0km, 2km, ML4.7/11, Error ellipse: s-maj=2.4km s-min=0.6km az=222.0

ATH 26 00:23:13.0, 37.39N, 20.94E, h8km, 1km, ML4.5/31, Manual Solution by M.Charalampakis This location: 2020/06/26 18:56:39 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

TIR 26 00:23:13.2, 37.70N, 20.90E, h33km, 1km, M4.8, MCSM 26 00:23:14.0, 0.5, 38.1N, 4.2E, h30km, 4km, mbB.8, mb4.8, MLv4.7, Mw(mb)9.3

BGR 26 00:23:20.5, 1.0, 38.10N, 21.59E, h10km, mb5.0, Error ellipse: s-maj=80.1km s-min=27.8km az=64.0

ISC 26 00:23:10.6, 0.8, 37.37N, 0.02, 20.86E, 0.02, h15km, 5km, n50, c1975/708, mb4.6/71, MS5.4/4, 36C-36D, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KRI1 KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like DRO Drossia, DRO Drossia, LXRRA Lixouri, Kepha, etc.

26d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOCA, PEHC, PUK, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like SIRR, MLR, TLBR, etc.

1600

Table with columns for station name, frequency, power, and other technical details. Includes stations like CKRC, DAVOX, TUE, etc.

1601

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BSEGE Bad Segeberg, PABER Paberze, NCK Naichik, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AVE Averroes, PTEO Sao Teotônio, BELG Belgologov, etc.

2600 Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ZALV Zalesovo Beam, LSZ Lusaka, LSZ Lusaka, etc.

IDC 26 00:31:36.9 ± 1.1, 37°00N:20°75E, h0km, mb3.67, mblp3.5/14, ML3.0/3, Error ellipse: s-maj=20.9km s-min=15.4km az=164.0

THE 26 00:31:39.6 ± 1.7, 37°43N:20°74E, h12km, 1km, ML3.7/8, Error ellipse: s-maj=1.7km s-min=0.6km az=49.0

ATH 26 00:31:40.2 ± 1.7, 37°43N:20°73E, h9km, 1km, ML3.7/11, Error ellipse: s-maj=2.6km s-min=0.9km az=53.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like KRII KERI, LTHK Lithakia, etc.

26d 0h

Table with columns: Code, Station Name, Az, El, P, S, h, m, s, Res, ISC. Includes stations like RLS Riolos of Patr, AXS Araxos, DRO Drossia, etc.

Table with columns: Code, Station Name, Az, El, P, S, h, m, s, Res, ISC. Includes stations like H032 Juan Fernandez, H031 Juan Fernandez, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, P, S, h, m, s, Res, ISC. Includes stations like PLCA Paso Flores, B102 San Fabin de Panamivaya, etc.

1602

Table with columns: Code, Station Name, Az, El, P, S, h, m, s, Res, ISC. Includes stations like X16A Lo Mia Camp, MGMO Mountain Grove, etc.

ISK 26 00:32:38.9, 36:49N-28:73E, h5km, ML2.0/14
AFAD 26 00:32:39.9, 0.0, 36:46N-28:71E, h7km, 3km, ML1.6,
Dodecanese Islands

1603

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like TURN, CAME, YER, AKAS, etc.

GIJ 26 00:32:43.6;0.4, 37.73N;20:30E, h10km, Mws4.9, confirmed
NAO 26 00:32:51.9, 37.73N;20:87E, h10km, mb5.7
MOS 26 00:32:51.9, 1.37.71N;20:35E, h11km, mb5.1/29, Error ellipse: s-maj=5.2km s-min=2.9km az=80.5

Table with columns: Code, Station Name, Az, El, Sg, P, M, Res. Includes stations like KRI1, LTHK, PSDA, etc.

Table with columns: Code, Station Name, Az, El, Sg, P, M, Res. Includes stations like FSK, RLS, EVGI, etc.

2018 OCT

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like WIL2, LRSO, ATH, etc.

ULC Ulcinj 4.36 348.1/Pn Sn
PDK Podgorica 4.81 350.1/Pn Sn
RFF Raffo Rosso 4.84 266.1/Sn Sn
PVG Plav 4.90 356.1/Pn Sn

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like IVAS, DIM, RUDO, etc.

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like IVAS, DIM, RUDO, etc.

26d 0h

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like LEHL, VOIR, MORH, etc.

SKDS Skadanscina 9.19 231 ePn Sn
MARR Marisel-Cluj 9.12 132 ePn Sn
CEY Cerknica 9.20 336 ePn Sn

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like OBKA, BR105, BURAR, etc.

Table with columns: Name, Az, El, Sg, P, M, Az, El, Sg, P, M. Includes stations like BURAR, BUR131, BURTR, etc.

2620 Oh

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FETA Feichten, MAUC Maruska, MOTA Moosalm, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PLTM Poltava, WLF Walferdange, WLF Walferdange, etc.

1604

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PESTR Estremoz, HOMB Homborsund, PVIS Viseu, etc.

1605

Table with columns: SEY, Seymchan, 72.61 21 P, P, 00 44 21.2 +0.8. Rows include stations like BRVK, BVAR, SIMJ, CHGR, CHGR, KJAR, KJAR, KJAR, KJAR, DBIC, DBIC, DBIC, GAR, BTK, SPITS, AAK, AAK, AAK, KMBO, BOOM, NRN, NRN, NRN, KURBB, KURK, KURK, NIL, NIL, NIL, KSH, KSH, TARG, TARG, TARG, ICESG, ICESG, SUMG, SUMG, MKAR, MKAR, MKAR, MKAR, ZAAO, ZALV, ZALV, ZALV, DY2G, DY2G, NEEM, NEEM, HYB, TSUM, ZAK, ZAK, SCHQ, SCHQ, TAXI, TAXI, TAXI, SHL, SHL, SHL, SONM, ULN, ULN, ULN, BATG, LBTB, LBTB, LBTB, LBTB, YAK, BOSA, BOSA, BOSA, BOSA, BTO, BTO, CD2, HHC, HHC, PZH, PZH, A36M, ZEA, ZEA, SUR, CHTO, CHTO, CHTO, CMAR, CMAR, HNS, HNS, HEH, HEH, GYA, GYA, C27K.

2018 OCT

Table with columns: SEY, Seymchan, 72.61 21 P, P, 00 44 21.2 +0.8. Rows include stations like E28M, E28M, E29M, E27K, E27K, M52A, TOLK, TOLK, K50A, YKA, F28M, F28M, BNX, BNX, CN2, CN2, KLR, KLR, KLR, G29M, G27K, H29M, H29M, E19K, CN5H, CN5H, F21K, F21K, F19K, F19K, I30M, I30M, S54A, S54A, I29M, G21K, G21K, ULM, ULM, ULM, ULM, MDJ, MDJ, U56A, U56A, HUMP, E38A, E38A, PDPF, IGRP, IGRP, H21K, NJ2, NJ2, DAWY, DAWY, J26L, J26L, AGMN, AGMN, ILAR, ILAR, K27K, USRK, HDA, WRH, WRFH, M29M, KSAR, KSAR, KSAR, YSS, YSS, BOAV, BOAV, R40A, R40A, BDFB, T35A, R32A, YNE, DEOK, DEOK, OK052, NEW, NEW, NEW, NEW, OK031, BOZ, BOZ, BOZ, PDAR, PDAR, PTLB, PTLB, NVAR, TXAR, NVL, NVL.

26d 0h

Table with columns: NVL, WRA, ASAR, GSPA, STKA, NAO, IDC, ISC, Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, h m s, ISC. Rows include stations like WRA, ASAR, GSPA, STKA, NAO, IDC, ISC, Code, Station Name, Az, AzZ, Op, Phase ID, Time Res, h m s, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RLS Riolos of Patr, FSK Fiskardo, AXS Araxos, DRO Drossia, EVGI Lefkada island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NB2 NORARS Subarra, NOA NORARS Array B, TORD Torodi Ar. Bea, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like E03 E03, E04 E04, E05 E05, etc.

1607

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like Wufeng Townshi, Hungye, YMO1, YMO8, TWS1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like AKASG, ESDC, FINES, etc.

2018 OCT

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like AKASG, HFS, FINES, TORD, KURBB, MKRAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like TSLK, KALE, ANX, etc.

26d 1h

26d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VTS Vitosa, CANM Can-anakale, KOME Kolasin, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like MPLH Magyarpolny, TESR Tescani, SOKA Soboth, etc.

1608

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, PRU Pruhonice, ATKB Takbest, etc.

26d 1h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like SCHQ Schefferville, WIN Windhoek, GTA Gaotai, MUSN Musina, etc.

2018 OCT

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like SLVN Son La, SRDT Srdut, C27K Jago River, D27M Malic River, etc.

1610

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like OK048 Pawnee Station, YNE Yellowstone No, DEOK Depew, etc.

BUT 26 01:10:07.3t-1.4, 45:86N.0:02-11.36W:0.02, h6km, 5km, Error ellipse: s-maj=2.5km s-min=1.1km az=163.0 NEIC 26 01:10:07.5t-1.0, 45:84N.0:02-11.40W:0.03, h8km, 6km, ML2.8/5.4, ML3.2/25(BUT), Error ellipse: s-maj=4.3km s-min=2.0km az=50.0, Montana

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NQMA Gallatin River, BOZ Bozeman, DLMT Dillon, etc.

26d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOSE, KOFF, ATKA, KOKL, etc.

NAO 26 01:36:29.7, 35.66N, 22.52E, h10km, mb4.6
IDC 26 01:36:44.4, 1.1, 37.33N, 20.87E, h0km, mb3.8/10,
mbmp3.717, ML3.8/4, Error ellipse: s-maj=21.4km
s-min=16.8km az=163.0

Main table for 26d 1h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KR11, LTHK, PSDA, VLS, etc.

2018 OCT

Table for 2018 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LK2D, KALE, TSKL, ANX, etc.

IDC 26 01:37:25.0, 1.6, 37.49N, 20.86E, h0km, mb3.7/4,
mbmp3.6/5, ML3.7/1, Error ellipse: s-maj=42.3km
s-min=26.8km az=132.0
ISC 26 01:37:26.9, 1.4, 37.44N, 0.2, 20.8E, 0.2, h12km, n6, c1946/6,
mb3.7/4, Ionian Sea

IDC 26 01:38:40.2, 2.5, 37.46N, 20.68E, h0km, mb3.8/4,
mbmp3.6/6, ML3.8/1, Error ellipse: s-maj=65.1km
s-min=24.4km az=119.0
ISC 26 01:38:41.2, 1.9, 37.44N, 0.2, 20.8E, 0.3, h10km, n6, c0977/6,
mb3.7/4, Ionian Sea

Table for KRSC 26 01:43:08.4, 1.6, 50.83N, 157.77E, h41km, 24km, MI4.1, Kuril Islands. Includes stations like PAU, KDR, SKR, etc.

1612

Table for 1612 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PET, DALK, INSR, etc.

IDC 26 01:43:21.1, 0.9, 37.62N, 20.58E, h0km, mb3.9/10,
mbmp3.7/17, ML3.8/4, Error ellipse: s-maj=19.6km
s-min=13.6km az=154.0
ATH 26 01:43:23.6, 37.53N, 20.43E, h8km, 1km, ML4.0/12,
Manual Solution by N.Liadopoulos This location:
2020/06/25 05:20:31 ML Amplitudes are expressed in
micrometers. All distances are expressed in degrees
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
THE 26 01:43:25.8, 37.58N, 20.51E, h0km, 4km, ML3.9/10, Error
ellipse: s-maj=5.7km s-min=1.2km az=217.0
NAO 26 01:43:39.9, 39.07N, 21.26E, h33km, mb3.1
ISC 26 01:43:23.4, 1.3, 37.53N, 0.04, 20.50E, c0.03, h12km, 8km,
n59, c1926/9, mb3.9/10, Ionian Sea

Main table for 1612 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KR11, LTHK, PSDA, VLS, etc.

26d 1h

Table with columns: LATG, Datong, ALS, Alishan, ALS. Includes station names, codes, and coordinates.

ICD 26 01:49:54.6:5.4, 10:50Sx120.46E, h0km, mb3.8/1, mbtmp3.4/3, ML3.2/2, Error ellipse: s-maj=267.4km s-min=33.3km az=56.0, Sumba region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, SONMI.

SOME 26 01:51:38.4, 41.68N, 75.82E, h15km, KRNET 26 01:51:38.6, 0.1, 41.70N, 75.82E, h19km, mb3.3, KNET 26 01:51:39.4, 0.7, 41.77N, 75.79E, h14km, ml2.9, Error ellipse: s-maj=11.0km s-min=3.2km az=132.0, NNC 26 01:51:39.4, 1.1, 41.72N, 75.80E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=7.8km s-min=4.7km az=178.0, ISC 26 01:51:38.3, 1.0, 42.70N, 0.02, 75.79E, 0.02, h11km, gkm, n78, r141/137, 42C-29D, Kyrgyzstan

Main table for station data on the left side, including stations like NRN, ULHL, BOOM, UCH, ARLS, KDJ, KBK, TKM2, AAK, KST, CHMS, TNS, AML, KASK, SALK, AAA, MDOK, and KNDC.

2018 OCT

Main table for station data in the middle, including stations like KNDC, EKS2, EKS2, EKS2, SGDS, SGDS, KRBS, KRBS, PRZ, PRZ, ARSB, ARSB, MRKS, MRKS, MRKS, MRKS, KUU, KUU, KUU, KUU, CHHK, CHHK, CHHK, CHHK, SATY, SATY, SATY, SATY, SFK, SFK, ZHN, ZHN, ZHN, ZHN, KURS, KURS, KURS, KURS, OHH, OHH, MNAS, MNAS, KPKS, KPKS, KPKS, KPKS, UZB, UZB, UZB, UZB, SHLS, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, PDGK, TRKS, TRKS, BTLS, BTLS, BTLS, BTLS, DJR, DJR, DJR, DJR, BTk, BTk, KK31, KK31, KKAR, KKAR, IUG, IUG, IUG, IUG, KAPS, KAPS, KAPS, KAPS, BRLS, BRLS.

1614

Table with columns: BRLS, BRLS, BRLS, GAR, GAR, MK31, MK31. Includes station names, codes, and coordinates.

ICD 26 01:57:34.8:1.7, 37.60N:20.93E, h0km, mb3.7/4, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=43.7km s-min=27.7km az=129.0, Ionian Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ESDC, HFS, FINES, TORD, MKAR.

SJA 26 01:59:00.0, 0.8, 33.44S: 69.72W, h7km, ML4.4, MW4.3, GUC 26 01:59:01.8, 0.8, 33.36S: 69.77W, h20km, 1km, ML4.2, ICD 26 01:59:02.1, 0.7, 33.43S: 69.30W, h0km, mb4.3/10, mbtmp4.2/15, ML4.0/5, Error ellipse: s-maj=25.0km s-min=14.1km az=92.0

NEIC 26 01:59:02.1, 2.9, 33.37S: 0.02, 69.75W, h7km, 4km, mb4.6/16, Mwr4.4/54, Mwr4.5(GUC), Error ellipse: s-maj=3.9km s-min=3.2km az=111.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr-2.58; Mss-6.15; Mss-3.57; Mss-0.92; Mss-0.78; Mrr-0.49; Fault plane solution: Ms5.51000x10^15 NP1: 317.91000, lambda-158.80000, lambda-13.74000. NP2: 52.96000, delta7.21000, lambda-168.24000. Principal axes: T 6.3040, P16.6000, Azm184.0000; N -2.4139, P16.6000, Azm277.0000; -3.8901, P16.6000, Azm277.0000; NEIC 26 01:59:02.6, 33.36S: 69.79W, h10km, VAO 26 01:59:04.6, 0.3, 33.32S: 69.40W, h10km, mb4.4, ISC 26 01:59:01.7, 0.7, 33.37S: 0.02, 69.74W, 0.02, h9km, 4km, n159, r181/218, mb4.5/17, 7C-18D, Chile-Argentina border region

Main table for station data on the right side, including stations like MT08, MT08, MT08, MT08, MT04, MT04, FCH, FCH, FCH, LMEL, LMEL, LMEL, LMEL, MT03, MT03, MT03, MT03, MT16, MT16, MT16, MT14, MT14, MT10, MT10, MT10, MT15, MT15, MT15, MT12, MT12, MT12, AARG, PEL, PEL, PEL, PEL, MT05, MT05, MT05, MT05, MT05, ARCO, ARCO, ARCO, VAO3, VAO3, VAO3, VAO3, BO04, BO04, BO04, BO04, AVIZ, AVIZ, ASAL, ASAL, MT09, MT09, MT09, MT09.

1615

Table with columns: Code, Station Name, Az, El, Pn, S, Sb, Time, Res. Includes stations like ROCH EI Roble, ROCI EI Roble, MT02 Curacav, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, Pn, S, Sb, Time, Res. Includes stations like LVC Itaquí, ITQB Itaquí, CPUP Villa Florida, etc.

26d 2h

Table with columns: Code, Station Name, Az, El, Pn, S, Sb, Time, Res. Includes stations like FSK, UPR University Cam, EVGI Lefkada island, etc.

NAO 26 02:09:12.0, 35:66N-22:52E, h10km, mb4.1
BUJ 26 02:27:53, 37:53N-20:33E, h15km, mb4.8/12, mb5.3/4,
MOS 26 02:09:28.2, 1.4, 37:37N-20:56E, h13km, mb4.8/15, Error
ellip: s-maj=8.5km s-min=3.9km az=71.1
IDC 26 02:09:28.0, 6.3, 37:45N-20:66E, h0km, mb4.2/19,
mbtmpp4.2/28, ML3.6/8, Error ellip: s-maj=15.5km

26d 2h

s-min=11.7km az=154.0
NEIC 26 02:09:30.2, 2.1, 37.31N;0°08'20.62E;0.08, h10km, 1km,
mb4.8/24, Error ellipse: s-maj=13.3km s-min=11.0km
az=161.0
THE 26 02:09:30.6, 37.41N;20.47E, h0km, 3km, ML4.1, 1E, Error
ellipse: s-maj=4.0km s-min=0.8km az=234.0
MCSM 26 02:09:31.5, 0.7, 37.37N;7°2'12"E, h12km, mb4.6, mB4.5,
MLv4.2, Mw(mB)3.7
ATH 26 02:09:31.6, 37.44N;20°52'E, h8km, 3km, ML4.0/10, Error
ellipse: s-maj=3.9km s-min=1.7km az=39.0
PDG 26 02:09:34.4, 1.2, 37.49N;20.41E, h0km, 11km, ML4.8/12,
Error ellipse: s-maj=2.1km s-min=1.9km az=90.0
BEO 26 02:09:35.1, 1.0, 37.76N;20.75E, h0km, ML3.9/4
ISC 26 02:09:30.7, 1.0, 37.47N;0°03'20.55E;0.03, h14km, 6km,
n258, c189/293, mb4.6/4.2, 1C-18D, Ionian Sea

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

2018 OCT

Table with columns: HCY, CEME, Cevo, etc. Lists seismic events with details like time, magnitude, and location.

1616

Table with columns: CLL, CAF, WLF, etc. Lists seismic events with details like time, magnitude, and location.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ULN, HHC, HHK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TSoukalades, L, IDI, MMB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LK2D, TSoukalades, L, TSoukalades, L, etc.

ICD 26 02:15:04.4.1.5, 37.69N:20:89E, h0km, mb3.7/4, mbmp4.1/22, ML4.0/4, Error ellipse: s-maj=37.2km

ICD 26 02:17:30.1±0.7, 37.46N:20:69E, h0km, mb4.1/17, mbmp4.1/22, ML4.0/4, Error ellipse: s-maj=17.1km

ICD 26 02:17:30.2±1.5, 37.40N:20:72E, h11km, mb4.5/10, Error ellipse: s-maj=9.2km s-min=3.7km az=79.9

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like KRII, LTHK, PSDA, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like KRII, LTHK, PSDA, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like KRII, LTHK, PSDA, etc.

1619

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PYL, DRO, ITM, FSK, FSK, FSK, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MOS, MOS, MOS, HFS, EKA, FINES, FINES, FINES, etc.

26d 2h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LTHK, LTHK, LTHK, Ratzakli, Kefa, Pessada-Kefalo, etc.

26d 2h

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

2018 OCT

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

1620

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

JMA 26 02:43:45.0, 1.23, 7N, 0.7, 122.16E, 0.5, h42km, MV2.7/14, NEAR ISHIGAKI JIMA ISLAND

TAP 26 02:43:45.8, 23.75N, 122.59E, h37km, ML3.5, C ISC 26 02:43:43.7, 1.3, 23.68N, 102.122.58E, 0.02, 1.91km, 3km, n107, 0.068/178, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like E0S4, E0S5, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NCUH Zhongli, WCKO Fanlu, JISG Ishigakijimahi, etc.

AFAD 26 02:44:01.5-0.0,35.77N-31.85E, h9km,2km, ML2.2
ISK 26 02:44:02.8,36.08N,31.97E, h65km, ML2.5/1.2
NIC 26 02:44:03.8,35.93N,32.27E, h193km,2km, ML1.8/4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GAZI Gazipasa, ALAN ALANTA, BOZY Bozyazi-Mersin, etc.

IDC 26 02:46:30.3,1.5,37.26N-20.73E, h0km, mb3.6/6,
mbmp3.6/8, ML3.8/2, Error ellipse: s-maj=42.7km
s-min=19.7km az=131.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDI Anoyia, VAE Valguarnera.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MLR Muntele Rosu, SOKA Obir, OBKA Obir, etc.

NAO 26 03:00:01.2,37.25N-22.70E, h10km, mb3.8
IDC 26 03:00:04.0,0.9,37.44N-20.83E, h0km, mb3.7/1.2,
mbmp3.7/23, ML3.5/8, Error ellipse: s-maj=16.4km
s-min=13.4km az=165.0

THE 26 03:00:07.1,37.42N-20.58E, h0km,3km, ML3.7/10, Error
ellipse: s-maj=3.5km s-min=0.6km az=233.0
ATH 26 03:00:07.4,37.42N-20.63E, h6km,1km, ML3.7/14, Error
ellipse: s-maj=3.1km s-min=1.0km az=54.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LTHK Lithakia, RTZL Ratzakili, PSDA Pessada-Kefalo, etc.

SMHA Samh, DMLN Damoulanata-K, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SMHA Samh, DMLN Damoulanata-K, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDI Anoyia, MMB Musomistha, KKB Krupnik, etc.

NAO 26 03:01:45.2,36.43N-22.70E, h10km, mb3.7/10
IDC 26 03:01:55.6,1.0,37.52N-20.73E, h0km, mb3.7/1.0,
mbmp3.6/16, ML3.8/2, Error ellipse: s-maj=21.6km
s-min=15.5km az=166.0

ATH 26 03:01:57.2,37.39N-20.49E, h10km,3km, ML3.6/9, Error
ellipse: s-maj=6.0km s-min=2.0km az=30.0
THE 26 03:01:57.8,37.37N-20.53E, h0km,3km, ML3.6/8, Error
ellipse: s-maj=8.8km s-min=0.7km az=231.0

ISC 26 03:01:58.4,1.3,37.42N-0.04,20.62E,0.04, h17km,8km,
n43, r1946/88, mb3.7/10, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRII Keri, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

NAO 26 03:01:45.2,36.43N-22.70E, h10km, mb3.7/10
IDC 26 03:01:55.6,1.0,37.52N-20.73E, h0km, mb3.7/1.0,
mbmp3.6/16, ML3.8/2, Error ellipse: s-maj=21.6km
s-min=15.5km az=166.0

ATH 26 03:01:57.2,37.39N-20.49E, h10km,3km, ML3.6/9, Error
ellipse: s-maj=6.0km s-min=2.0km az=30.0
THE 26 03:01:57.8,37.37N-20.53E, h0km,3km, ML3.6/8, Error
ellipse: s-maj=8.8km s-min=0.7km az=231.0

ISC 26 03:01:58.4,1.3,37.42N-0.04,20.62E,0.04, h17km,8km,
n43, r1946/88, mb3.7/10, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRII Keri, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Table with columns: Station ID, Name, Elevation (ft), Azimuth (deg), Distance (mi), Direction, Date/Time, and other status indicators. Rows include stations like O18K Koktuh Hills, P18K Big Mountain, L19K White Mountain, etc.

Table with columns: Station ID, Name, Elevation (ft), Azimuth (deg), Distance (mi), Direction, Date/Time, and other status indicators. Rows include stations like BRSE Bradley Lake S, M22K Willow, E23K Chandalar, etc.

Table with columns: Station ID, Name, Elevation (ft), Azimuth (deg), Distance (mi), Direction, Date/Time, and other status indicators. Rows include stations like J26L Joseph Creek, I26K Coal Creek Min, BMRM Bremner River, etc.

1625

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like G31M, M30M, F31M, CHTO, etc.

2018 OCT

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like P32M, FAKI, R32K, etc.

26d 3h

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like IUG, SRIT, STKI, etc.

Table with columns: Station, Name, Time, P, M, V, and other details. Includes stations like GSI, PDSI, BELG, etc.

Table with columns: Station, Name, Time, P, M, V, and other details. Includes stations like VSR, ORV, MCCI, etc.

Table with columns: Station, Name, Time, P, M, V, and other details. Includes stations like AS01, ASAR, ASAR, etc.

1627

Table with columns for station ID, name, frequency, mode, and time. Includes stations like AK21 Malin Array Si, AK08 Malin Array Si, AK09 Malin Array Si, etc.

2018 OCT

Table with columns for station ID, name, frequency, mode, and time. Includes stations like NAZ Nazwa, Dubai, JMDO Jabel Al Gharad, JMDO Jabel Al Gharad, etc.

26d 3h

Table with columns for station ID, name, frequency, mode, and time. Includes stations like OSTC Ostas, CHVC Chvalec, KECS Kecovo, etc.

26d 3h

2018 OCT

1628

Table with columns: Name, Value, Unit, Status, Date, Time, etc. Includes entries like HSKC, FORT, NEUB, GPC, etc.

Table with columns: Name, Value, Unit, Status, Date, Time, etc. Includes entries like CNBS, F2A, 121A, etc.

Table with columns: Name, Value, Unit, Status, Date, Time, etc. Includes entries like BALJ, MUN, K43A, etc.

Table with columns: ID, Name, Time, Date, Location, Status, and other details. Includes entries like WB0 Williamsburg, X37A Clayton, FW06 Azle, etc.

Table with columns: ID, Name, Time, Date, Location, Status, and other details. Includes entries like HBVL Hebronville, SS4A Dingess, MWLV Millersville, etc.

Table with columns: ID, Name, Time, Date, Location, Status, and other details. Includes entries like PSBE So Bento, PMTG Montargil, PESTR Estremoz, etc.

26d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, VNA3 Neumayer-Stat, VNA1 Neumayer-Stat, etc.

IDC 26 03:06:16.0:0.7, 44.47N:145.52E, h0km, mb4.7/11, mbtmp4.6/12, Error ellipse: s-maj=30.7km s-min=19.1km az=121.0

MOS 26 03:06:17.0:1.4, 44.41N:145.58E, h17km, mb5.2/5, Error ellipse: s-maj=15.5km s-min=10.1km az=105.3

MOS Felt (II-III) at Yuzhno-Kuril'sk, Goryachiy Pylzh, Lagunnoye, Mendeleyevo; (II) at Malokuril'skoye.

SKHL 26 03:06:18.3:0.2, 44.50N:145.60E, h23km, mb5.7/7, NEIC 26 03:06:18.4:1.4, 44.5N:0.1:145.57E:0.04, h10km, 1km, mb5.1/36, Error ellipse: s-maj=19.7km s-min=3.7km az=171.0

JMA 26 03:06:18.6:0.1, 44.4N:0.6:145.6E:0.8, h21km, MV5.0/34, NEAR KUNASHIRI ISLAND

JMA Felt I/JT at NEAR KUNASHIRI ISLAND, ISC 26 03:06:18.2:1.1, 44.45N:145.61E:0.03, h13km, 7km, n8, c189/105, mb5.0/32, 3C-1D, Hokkaido region

Main station list table for 26d 3h, including stations like RUSJ Misakichio, RUSJ Yuzh-Kuril'sk, YUK 22um,0.3s, etc.

2018 OCT

Main station list table for 2018 OCT, including stations like BRVK Borovoye, BRVK Borovoye, BRVK Borovoye, etc.

1630

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUK 2um,0.3s, YUK 4um,0.2s, etc.

NAO 26 03:14:10.3, 36.01N:24.78E, h10km, mb4.3, IDC 26 03:14:25.6:1.1, 37.39N:20.92E, h0km, mb3.9/11, mbtmp3.8/15, ML2.8/2, Error ellipse: s-maj=28.4km

ISC 26 03:14:27.0:0.9, 37.36N:0.1:20.95E:0.08, h10km, n39, c1812/38, mb3.8/11, 3C-1D, Ionian Sea

Main station list table for 1630, including stations like Code Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMB Mumsositha, KKB Krumnik, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like SHO, NEM2, JNK, JTRK, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like H11S2, H19K, G21K, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like PDAR, PDP, TPNV, etc.

NAO 26 03:16:22.4, 35°66'N-22°52'E, h10km, mb4.1
IDC 26 03:15:20.49E, h107km, 33km, mb3.3/10,
mbtm3.6/14, Error ellipse: s-maj=27.1km s-min=16.4km
az=156.0
ISC 26 03:16:41.91, 2.37, 5.0m, 0.2-20.7E, 0.1, h15km, n15,
o0511/13, mb3.6/10, Ionian Sea

26d 3h

Table with columns: EKA, FINES, NB2, NOA, TORO, BVAR, KURBB, MKAR, ZALV. Rows include station names, coordinates, and technical details.

IDC 26 03:17:49.1±2.9, 37.85N±20.42E, h0km, mb3.6/4, mblmp3.7/7, ML3.9/3, MS3.7/1, Error ellipse: s-maj=44.9km s-min=32.5km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Mount Meron Ar, Malin Array Be, etc.

IDC 26 03:25:04.3±10.0, 38.05N±20.04E, h0km, mb3.5/3, mblmp3.4/5, ML3.5/2, Error ellipse: s-maj=169.8km s-min=86.6km az=149.0, Grece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Malin Array Be, Sonseca Array, etc.

IDC 26 03:25:46.8±1.0, 37.59N±20.63E, h0km, mb3.7/8, mblmp3.7/16, ML3.4/5, Error ellipse: s-maj=18.8km s-min=15.8km az=7.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, etc.

IDC 26 03:25:48.9±3.7, 53N±20.56E, h11km, 1km, ML3.7/13, Error ellipse: s-maj=2.8km s-min=1.0km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, PSDA, etc.

2018 OCT

Table with columns: ITM, PYL, NYDR, UPR, LK02, TS/LK, etc. Rows include station names, coordinates, and technical details.

IDC 26 03:25:48.9±1.0, 37.53N±20.56E, h11km, 1km, ML3.7/13, Error ellipse: s-maj=2.8km s-min=1.0km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, etc.

IDC 26 03:30:14.0±0.6, 37.30N±20.65E, h0km, mb3.9/15, mblmp3.8/25, ML3.3/5, Error ellipse: s-maj=18.6km s-min=12.1km az=156.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like LTHK, etc.

IDC 26 03:30:14.0±0.6, 37.17N±20.87E, h10km, n51, c±250/55, mb3.9/15, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like LTHK, etc.

IDC 26 03:30:14.0±0.6, 37.19N±20.92E, h11km, 1km, ML3.8/9, Error ellipse: s-maj=3.7km s-min=1.4km az=48.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like LTHK, etc.

1632

Table with columns: EVGI, DRAG, LK02, TS/LK, etc. Rows include station names, coordinates, and technical details.

IDC 26 03:31:09.0±1.1, 37.57N±20.89E, h0km, mb3.8/9, mblmp3.7/15, ML3.7/5, Error ellipse: s-maj=20.5km s-min=17.2km az=179.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, etc.

IDC 26 03:31:10.3±7.4, 37.45N±20.79E, h20km, ML3.7/7, Error ellipse: s-maj=9.9km s-min=0.3km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, etc.

IDC 26 03:31:10.3±7.4, 37.44N±20.77E, h15km, 1km, ML3.8/12, Error ellipse: s-maj=2.4km s-min=0.8km az=51.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, etc.

IDC 26 03:31:32.0±3.9, 49N±20.14E, h10km, mb3.6, n47, c±089/64, mb3.8/9, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KRI1, LTHK, PSDA, etc.

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

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

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

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

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

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

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

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

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

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

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

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

26d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H1S3 WAKE ISLAND HY 29.35 118 T, H1S2 WAKE ISLAND HY 29.37 118 T, ZALV Zalesovo Beam 41.86 314 P, etc.

IDC 26 03:47:06.8:0.8, 37.49N:20.96E, h0km, mb4.0/15, mbtmp3.9/20, ML3.5/4, Error ellipse: s-maj=20.4km s-min=14.1km az=148.0

Main table for 26d 3h section, listing station codes (KRI1, LTHK, RTZL, etc.), station names, and their respective coordinates and observation times.

2018 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ACCESS Array B 32.24 3 P, DBIC Dimbokro 38.51 224 P, etc.

IDC 26 03:48:54.0:2.4, 37.43N:20.99E, h0km, mb3.6/6, mbtmp3.6/10, ML3.7/4, Error ellipse: s-maj=51.0km s-min=18.6km az=130.0

Main table for 2018 OCT section, listing station codes (MLR, KEST, AKASA, etc.), station names, and their respective coordinates and observation times.

1634

Main table for 1634 section, listing station codes (THN, DHRM, NRRN, etc.), station names, and their respective coordinates and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, HFS Hagfors, NB201 NORSAR Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Arr, MKAR Makanchi Array, PRU 26 03:58:59.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOUT Loutraki, KRND KRANIOS, AXAR Agios Charalam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like EIL, RNP5, BRG, AK13, AK14, AK10, AK12, AK11, AK15, AK18, AK20, AK01, AKASG, AKASG, AKKB, AK04, AK21, AK03, CLL, SUW, SUW, NACC, PABE, ESDC, TAM, OB, MDT, HFS, EKA, FINES, FINES, FIA1, NB2, NOA, TORD, TORD, BVAR, DBIC, KURBB, MK31, MK31, MKAR, MKAR, ZALV, ZALV, E29M, E29M, H29M, H29M, ILAR.

IDC 26:04:14:57.0:1.5,37:43N:20:86E, h0km, mb3.6/6, mbmp3.5/8, ML4.0/2, Error ellipse: s-maj=37.0km s-min=22.9km az=131.0

NAO 26:04:15:19.9,38:74N:20:74E, h33km, mb3.3 ISC 26:04:14:58.5:1.3,37:49N:20:29E:0.2, h10km, n9, a295/9, mb3.7/6, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MLR, ESDC, HFS, FINES, NB2, NOA, TORD, MKAR, ZALV.

NAO 26:04:19:48.8,35:66N:22:52E, h10km, mb4.3 MCSM 26:04:20:06.3:6.6,37:12N:22:21E:1.0, h23km,45km, mb4.5, MLV3.8

IDC 26:04:20:06.0:0.9,37:54N:20:70E, h0km, mb3.8/14, mbmp3.7/19, ML3.1/3, MS3.8/2, Error ellipse: s-maj=19.5km s-min=16.1km az=3.0

THE 26:04:20:10.1,37:51N:20:63E, h0km,6km, ML3.7/6, Error ellipse: s-maj=10.7km s-min=1.1km az=238.0

ISC 26:04:20:08.4:0.6,37:49N:20:04:20:62E:0.05, h10km, n80, a176/83, mb3.8/14, 11C-6D, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PSDA, PSDA, VLS, VLS, DMLN, DMLN, VSK1.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VSK1, PYL, PYL, ITM, EVGI, NYDR, TSKL, TIP, TIP, CER, CER, TIR, IDI, IDI, MATE, MATE, PEHC, PEHC, VAE, VAE, PDG, PDG, BOVS, BOVS, ELND, ELND, MDVR, MDVR, CZR, CZR, SURR, SURR, VOIR, VOIR, SIRR, SIRR, MLR, MLR, MLR, MLR, DOPR, DOPR, KEST, KEST, COVR, COVR, TURR, TURR, PLOR, PLOR, VRI, VRI, SOKA, SOKA, OBKA, OBKA, BRTR, BRTR, KBA, KBA, ABTA, ABTA, MOA, MOA, LESA, LESA, WTTA, WTTA, WTTA, WTTA, WATA, WATA, FETA, FETA, MOVA, MOVA, DAVOX, DAVOX, DAVA, DAVA, KHC, KHC, AK07, AK07, AK13, AK13, AK14, AK14, AK10, AK10, AK05, AK05, AK12, AK12, AK08, AK08, AK02, AK02, AK19, AK19, AK18, AK18, AKASG, AKASG, AK22, AK22, AK21, AK21, AKASG, AKASG, MDT, MDT, HFS, HFS, EKA, EKA, FINES, FINES, NB2, NB2, NOA, NOA, TORD, TORD, ARCES, ARCES, BVAR, BVAR, KURBB, KURBB, MKAR, MKAR, SONM, SONM, LBTA, LBTA, ILAR, ILAR, KSR5, KSR5.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VSK1, PYL, PYL, ITM, EVGI, NYDR, TSKL, TIP, TIP, CER, CER, TIR, IDI, IDI, MATE, MATE, PEHC, PEHC, VAE, VAE, PDG, PDG, BOVS, BOVS, ELND, ELND, MDVR, MDVR, CZR, CZR, SURR, SURR, VOIR, VOIR, SIRR, SIRR, MLR, MLR, MLR, MLR, DOPR, DOPR, KEST, KEST, COVR, COVR, TURR, TURR, PLOR, PLOR, VRI, VRI, SOKA, SOKA, OBKA, OBKA, BRTR, BRTR, KBA, KBA, ABTA, ABTA, MOA, MOA, LESA, LESA, WTTA, WTTA, WTTA, WTTA, WATA, WATA, FETA, FETA, MOVA, MOVA, DAVOX, DAVOX, DAVA, DAVA, KHC, KHC, AK07, AK07, AK13, AK13, AK14, AK14, AK10, AK10, AK05, AK05, AK12, AK12, AK08, AK08, AK02, AK02, AK19, AK19, AK18, AK18, AKASG, AKASG, AK22, AK22, AK21, AK21, AKASG, AKASG, MDT, MDT, HFS, HFS, EKA, EKA, FINES, FINES, NB2, NB2, NOA, NOA, TORD, TORD, ARCES, ARCES, BVAR, BVAR, KURBB, KURBB, MKAR, MKAR, SONM, SONM, LBTA, LBTA, ILAR, ILAR, KSR5, KSR5.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VSK1, PYL, PYL, ITM, EVGI, NYDR, TSKL, TIP, TIP, CER, CER, TIR, IDI, IDI, MATE, MATE, PEHC, PEHC, VAE, VAE, PDG, PDG, BOVS, BOVS, ELND, ELND, MDVR, MDVR, CZR, CZR, SURR, SURR, VOIR, VOIR, SIRR, SIRR, MLR, MLR, MLR, MLR, DOPR, DOPR, KEST, KEST, COVR, COVR, TURR, TURR, PLOR, PLOR, VRI, VRI, SOKA, SOKA, OBKA, OBKA, BRTR, BRTR, KBA, KBA, ABTA, ABTA, MOA, MOA, LESA, LESA, WTTA, WTTA, WTTA, WTTA, WATA, WATA, FETA, FETA, MOVA, MOVA, DAVOX, DAVOX, DAVA, DAVA, KHC, KHC, AK07, AK07, AK13, AK13, AK14, AK14, AK10, AK10, AK05, AK05, AK12, AK12, AK08, AK08, AK02, AK02, AK19, AK19, AK18, AK18, AKASG, AKASG, AK22, AK22, AK21, AK21, AKASG, AKASG, MDT, MDT, HFS, HFS, EKA, EKA, FINES, FINES, NB2, NB2, NOA, NOA, TORD, TORD, ARCES, ARCES, BVAR, BVAR, KURBB, KURBB, MKAR, MKAR, SONM, SONM, LBTA, LBTA, ILAR, ILAR, KSR5, KSR5.

IDC 26:04:31:39.0:2.2,37:94N:20:29E, h0km, mb3.6/5, mbmp3.6/8, ML3.5/3, Error ellipse: s-maj=46.8km s-min=19.4km az=129.0

ISC 26:04:31:42.1:1.7,37:9N:0:2:20:2E:0.2, h11km, n9, a1932/8, mb3.6/4, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VAE, VAE, MLR, MLR, KEST, KEST, ESDC, ESDC, MDT, MDT, HFS, HFS.

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

IDC 26:04:55:53.3:1.5,37:48N:20:87E, h0km, mb3.5/5, mbmp3.5/9, ML3.7/3, Error ellipse: s-maj=37.3km s-min=18.3km az=149.0

THE 26:04:55:58.0,37:50N:20:78E, h4km,1km, ML3.8/9, Error ellipse: s-maj=2.3km s-min=1.5km az=40.0

ISC 26:04:55:55.2:1.9,37:41N:0:08:20:89E:0.07, h13km,10km, n21, a080/32, mb3.5/5, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LTHK, RTZL, RTZL, PSDA, PSDA, RLS, RLS, VLS, VLS, DRO, DRO, DMLN, DMLN, FSK, FSK, EVGI, EVGI, NYDR, NYDR, LK2D, LK2D, TSKL, TSKL, VAE, VAE, KEST, KEST, AKASG, AKASG, ESDC, ESDC, MDT, MDT, HFS, HFS, TORD, TORD, KURBB, KURBB, MKAR, MKAR.

IDC 26:04:56:53.9:1.2,37:33N:21:02E, h0km, mb3.6/7, mbmp3.6/11, ML3.5/2, MS3.3/1, Error ellipse: s-maj=27.5km s-min=18.1km az=128.0

ISC 26:04:56:55.8:1.0,37:4N:0:1:21:0E:0.1, h12km, n12, a1915/11, mb3.6/7, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VAE, VAE, KEST, KEST, AKASG, AKASG, ESDC, ESDC, OB, OB, MDT, MDT, HFS, HFS, FINES, FINES, NOA, NOA, TORD, TORD, KURBB, KURBB, BOSA, BOSA.

IDC 26:05:01:05.0:1.4,37:66N:20:51E, h0km, mb3.6/5, mbmp3.6/8, ML3.8/2, Error ellipse: s-maj=29.7km s-min=21.2km az=108.0

THE 26:05:01:06.7,37:52N:20:61E, h0km,3km, ML3.6/9, Error ellipse: s-maj=3.6km s-min=0.7km az=233.0

ATH 26:05:01:07.0,37:53N:20:62E, h10km,4km, ML3.7/5, Error ellipse: s-maj=5.3km s-min=1.3km az=29.0

ISC 26:05:01:06.2:1.4,37:50N:0:04:20:57E:0.05, h10km,9km, n33, a095/82, mb3.7/5, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like KRI1, KRI1, LTHK, LTHK, LTHK, LTHK, LTHK, PSDA, PSDA, PSDA, PSDA, VLS, VLS, VLS, VLS, DMLN, DMLN, VSK1, VSK1.

Table with columns: JNK, JTKR, JKH, JAK, JMP, KUR, etc. and values for Abashiri-Toko, Kushirohamanak, etc.

PGC 26 05:39:24.8, 0.48, 848N, 129.47W, h10km, MLSn3, 1/16, Mw3.7/16, 254km southwest of Pt. Hardy, BC, Vancouver Island, Canada Region, Vancouver Island region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

BEO 26 05:48:32.7, 3.56, 82N, 20.50E, h58km, 4km, ML5.0/13, BUJ 26 05:48:33.2, 7.34, 44N, 20.54E, h11km, mb4.9/51, mB5.2/18, Ms5.0/29, Ms7.4/627

MOS 26 05:48:34.9, 1.1, 37.47N, 20.65E, h11km, mb5.3/43, MS5.0/14, Error ellipse: s-maj=4.7km s-min=2.8km az=75.7

IDC 26 05:48:35.0, 0.4, 37.50N, 20.71E, h0km, mb4.6/28, mbtmpl5.4/1, ML4.2/11, MS4.7/17, Error ellipse: s-maj=10.5km s-min=10.2km az=134.0

NAO 26 05:48:35.7, 37.42N, 20.55E, h10km, mb5.8, TIR 26 05:48:37.0, 37.44N, 20.23E, h45km, 1km, M15.0, ATH 26 05:48:36.5, 37.36N, 20.51E, h3km, Mw5.1, Moment Tensor Solution. s10 Moment tensor: Mr=2.09; Mns=1.05; Mns=0.94; Mns=3.1; Mns=1.90; Mns=1.09; Fault plane solution: NP1=343.00000; 619.00000; 1.147.00000; NP2=105.00000; 880.00000; 1.74.00000

THE 26 05:48:36.9, 37.38N, 20.54E, h0km, 2km, ML4.9/15, Error ellipse: s-maj=3.3km s-min=0.9km az=231.0, PDG 26 05:48:37.3, 0.7, 37.42N, 20.53E, h8km, 1km, MD5.1/2, ML5.0/13, Error ellipse: s-maj=0.9km s-min=0.9km az=90.0

NEIC 26 05:48:37.1, 37.49N, 20.05, 20.60E, 0.07, h10km, 1km, mb5.2/121, Mw5.1/12, Error ellipse: s-maj=9.3km s-min=9.1km az=197.0

NEIC 26 05:48:37.1, 37.49N, 20.59E, h12km, NEIC 26 05:48:37.1, 37.29N, 20.72E, h12km, Moment Tensor Solution. Duration: 198 Moment tensor: Scale 10^16Nm; M2.02; Mns=1.23; Mns=0.79; Mns=3.47; Mns=2.39; Mns=1.61; Fault plane solution: M4.76000x10^16 NP1: 114.27000; 873.88000; 1.73.51000; NP2: 341.10000; 822.90000; 1.134.48000; Principal axes: T 4.2319, Plg58.0000; Azm2.0000; N 1.0558, Plg16.0000; Azm119.0000; P -5.2876, Plg27.0000; Azm217.0000;

MED_RC 26 05:48:37.0, 0.3, 37.23N, 20.52E, h18km, 1km, Mw5.1/31, Moment Tensor Solution. Mantle waves: s31, c57; Duration: 154 Moment tensor: Scale 10^16Nm; Mns=3.97e+27; Mns=1.81e+15; Mns=2.16e+16; Mns=2.41e+28; Mns=3.02e+09; Mns=1.34e+21; Best double couple: Mns=40000x10^16 NP1=125.00000; 861.00000; 1.77.00000; NP2=331.00000; 832.00000; 1.113.00000; Principal axes: T 4.8500, Plg71.0000; Azm5.0000; N 1.1000, Plg12.0000; Azm132.0000; P -5.9400, Plg15.0000; Azm225.0000; nst1 refers to body waves, nst2 refers to surface waves, cutoff=35s.

MCSM 26 05:48:37.9, 0.3, 38.1N, 21.1E, h10km, mb4.9, mB5.3, ML5.1, Mw(mB)4.7

GCMT 26 05:48:39.1, 0.3, 37.24N, 20.02, 20.49E, 0.02, h16km, 1km, Mw5.2/106, Moment Tensor Solution. s24, c29; s106, c151; Duration: 0 Moment tensor: Scale 10^16Nm; Mns=23.24; Mns=1.63e+15; Mns=1.60e+15; Mns=8.82e+81; Mns=2.82e+10; Mns=0.23e+47; Best double couple: Mns=96300x10^16 NP1=102.00000; 876.00000; 1.68.00000; NP2=341.00000; 826.00000; 1.146.00000; Principal axes: T 7.3020, Plg54.0000; Azm345.0000; N -0.6790, Plg21.0000; Azm107.0000; P -6.6230, Plg28.0000; Azm209.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 26 05:48:41.0, 0.9, 37.88N, 21.43E, h10km, mb5.0 Error ellipse: s-maj=92.3km s-min=31.1km az=59.0

ISC 26 05:46:38.4, 0.7, 37.47N, 0.03, 20.63E, 0.02, h24km, 4km, m943, s1660/1014, mb5.1/134, MS4.5/83, 66C-54D, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

1639

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like ISTRITA, MORH, MLR, BOJS, etc.

2018 OCT

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like STHS, KRUC, KREC, MOTA, VRAC, etc.

26d 5h

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like AK13, AK14, AK15, AK16, etc.

1641

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

2018 OCT

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

26d 5h

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

26d 6h

2018 OCT

1642

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Includes stations like N23A, PDAR, WMOK, SALV, BMO, BMT, BMO, BMO, JHH, RDMU, RWU, WHUT, WHUT, SFDC, SFDO, MFID, SAML, VLB, JLU, ABTX, BTGU, PTLB, PTLB, SRU, SRU, DUG, DUG, DUG, ELK, ELK, ELK, ANMO, SIV, SPR3, SPR3, ETMS, DRIO, YBH, NVAR, NVAR, TXAR, TXAR, JTS, CPUB, DAV, LPAZ, PFO, WRA, ASAR, QSPA, STKA, TAOE, PPT2, PPT2, TBI.

STR 26 05:49:17.0±0.2, 49N6°1'0E±1.2, h0km, MLV1.9, Error ellipse: s-maj=0.0km s-min=0.0km az=74.9, preliminary.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Includes stations like GUT, GUT, OPP, BABA, BABA, SLE, SLE, NEW, LEMB, WLS, CIEL.

UPA 26 06:00:04.8±0.4, 7.48N-80.98W, h12km±1km, MW3.9, 1D, Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Includes stations like MARI, CACAO, GMAIL, GMAIL, CHIT3, CHIT3, AZU, AZU.

IDC 26 06:00:26.2±2.6, 54°12N-86.47E, h0km, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=21.8km s-min=12.8km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Includes stations like I46RU, ZALV, ZALV.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Includes stations like ZALV, KURBB, MKAR, MOS, HFS, EKA, NA001, NA001, FINES, FINES, FINES, FINES, NB2, NOA, RAYN, RAYN, RAYN, TORD, AKTO, ABKAR, ARTI, ARTI, ARTI, ARTI, UOSS, UOSS, BVAR, CHGR, CHGR, CHGR, CHGR, KKKAR, KKKAR, DBIC, GAR, KURBB, MK31, MK31, MK31, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, SHL, SHL, SHL, SONM, A36M, A36M, CHTO, CHTO, CHTO, CHTO, CMAR, CMAR, CMAR, D27M, D27M, INK, INK, INK, B20K, D25K, D25K, D23K, D23K, G31M, G29M, G29M, H29M, H29M, I18K, I18K, I20M, I20M, I28M, ILAR, KRSR, KRSR, ASAR, GSPA.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Contains the majority of station data for the 2018 OCT period.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h, m, s, Res. Includes stations like SUW, PABE, ESB, ESDC, OBN, OBN, MDT, MOS, HFS, EKA, NA001, FINES, FINES, FINES, FINES, NB2, NOA, RAYN, RAYN, RAYN, TORD, AKTO, ABKAR, ARTI, ARTI, ARTI, ARTI, UOSS, UOSS, BVAR, CHGR, CHGR, CHGR, CHGR, KKKAR, KKKAR, DBIC, GAR, KURBB, MK31, MK31, MK31, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, SHL, SHL, SHL, SONM, A36M, A36M, CHTO, CHTO, CHTO, CHTO, CMAR, CMAR, CMAR, D27M, D27M, INK, INK, INK, B20K, D25K, D25K, D23K, D23K, G31M, G29M, G29M, H29M, H29M, I18K, I18K, I20M, I20M, I28M, ILAR, KRSR, KRSR, ASAR, GSPA.

NAO 26 06:01:57.1, 35°64N-23°29E, h10km, mb4.7, IDC 26 06:02:13.4±9.3, 37°29N-20°09E, h0km, mb4.3/17, mbtmp4.2, ML4.3/2, MS3.9/2, Error ellipse: s-maj=20.3km s-min=15.6km az=158.0

NEIC 26 06:02:14.3±1.2, 37°21N-10°20E, h0km±1km, mb4.8/17, Error ellipse: s-maj=17.9km s-min=3.9km az=199.0

MOS 26 06:02:15.0±0.9, 37°43N-20°67E, h14km, mb4.8/6, Error ellipse: s-maj=14.9km s-min=6.8km az=77.7, IDC 26 06:02:14.9±0.5, 37°26N-10°20E, h0km, n78, c1504/79, mb4.5/26, Ionian Sea

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like Kerkira, Tinypagrande, Anoyia, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like Eielson Array, Korea Array, Alice Springs, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like Malin Array Be, Sonsec Array, Kurchatov Arra, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like DRAG, NYDR, LK2D, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like A051A, GZR, LOT, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BRG, EIL, AK14, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for MTE, PESTR, PVIS, EVO, LIS, EKA, BELG, BELG, FINES, NC405, NB2, NOA, NC303, VALR, RAYN, KLMR, TORD, ABKAR, PMAR, ARCES, BRVK, BVAR, CHGR, DBIC, SPITS, AAK, KURBB, KURK, MK31, MKAR, MKAR, ZALV, ZALV, NRIK, SCHO, TIXI, SONM, CMAR, CMAR, E29M, D23K, G31M, F28M, E22K, G29M.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for G29M, E19K, I30M, ILAR, KSRS, ASAR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for PRU, OKC, MORC, JAVC, KRLC, VYHS, VRCAC, DPC, KRUC, OSTC.

NEIC 26 06:30:59.8; 1.7, 18.4N; 0.2; 68.88W; 0.05, h113km, 10km, M6.3, 1/40, MD3.4/25(RSPR), Error ellipse: s-maj=23.5km s-min=6.2km az=189.0

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for HIDR, HATON, PCDR, SDD, SDD, SDD, BANI, BANI, BANI.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for IDE, IDE, IDE, IDE, ABDR, ABDR, ABDR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for PRSN, PRSN, PRSN, PRSN, AGPR, AGPR, AGPR, AGPR, AGPR, AGPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for LSP, LSP, LSP, CRPR, CRPR, CRPR, CRPR, CRPR, CRPR, CRPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for SC01, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for SJJG, SJJG, SJJG, SJJG, SJJG, SJJG, SJJG, SJJG, SJJG, SJJG.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for IGRP, IGRP, IGRP, IGRP, IGRP, IGRP, IGRP, IGRP, IGRP, IGRP.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for PDP, PDP, PDP, PDP, PDP, PDP, PDP, PDP, PDP, PDP.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for PAPH, PAPH, PAPH, PAPH, PAPH, PAPH, PAPH, PAPH, PAPH, PAPH.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for GRTK, GRTK, GRTK, GRTK, GRTK, GRTK, GRTK, GRTK, GRTK, GRTK.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for MASC, MASC, MASC, MASC, MASC, MASC, MASC, MASC, MASC, MASC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res. Includes entries for QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC, QMBC.

26d 6h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BFZ Birch Farm, WAZ Wanganu, etc.

2018 OCT

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like VNA3 Neumayer Olymp, TORD Torodi Ar. Bea, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like FNA Florina, THE Thessaloniki, etc.

Table with columns for station call signs (VRAC, CKRC, DAVOX, etc.), frequencies, and other technical details. Includes sub-sections like '2018 OCT' and '26d 6h'.

Table with columns for station call signs (VRH, OBN, OBN, etc.), frequencies, and other technical details. Includes sub-sections like '2018 OCT' and '26d 6h'.

Table with columns for station call signs (MK31, MKAR, SUMG, etc.), frequencies, and other technical details. Includes sub-sections like '2018 OCT' and '26d 6h'.

SKHL 26:06:38:55.8:0.5, 44:40N:145:50E, h13km, 3km, mb4.5/5
JMA:26:06:38:56.1:0.2, 44:5N:0:9:14:6Ez, h24km, 1km,
MV3.1/24, NEAR KUNASHIRI ISLAND

ISC 26:06:38:55.4:1.7, 44:44N:0:09:10:00, h16:45E:0:04, h8km, 13km,
n12, 0:09:19, Hokkaido region

Table with columns for Code, Station Name, Frequency, and other technical details. Includes sub-sections like '2018 OCT' and '26d 6h'.

TIR 26:06:43:58.2, 36:89N:20:25E, h15km, 10km, MW4.7
AFAD 26:06:44:04.3:0.0, 37:42N:20:55E, h9km, 5km, MW4.3
IDC 26:06:44:05.9:0.5, 37:56N:20:67E, h0km, mb4.2/25,
mbmp4.1/37, ML3.9, MS3.6/31, Error ellipse:
s-maj=11.9km s-min=10.6km az=158.0
MOS 26:06:44:06.2:1.0, 37:47N:20:50E, h14km, mb4.7/18, Error
ellipse: s-maj=7.1km s-min=3.5km az=75.9
MCSM 26:06:44:06.4:0.5, 37:15N:5:21E, h10km, mb4.6, MB4.7,
MLV4.5, Mw(MB)3.9
NEIC 26:06:44:08.0:1.6, 37:48N:0:06:20:59E:0:07, h10km, 1km,
mb4.6/28, Error ellipse: s-maj=10.9km s-min=9.6km
az=193.0
ATH 26:06:44:09.0, 37:48N:20:52E, h10km, MW4.5, Moment
Tensor Solution. s6 Moment tensor: Mw=2.01; Ms=1.14;
Mw=0.87; Mw=3.50; Mw=1.06; Mw=5.71; Fault plane
solution: NP1:phi=297.00000°, delta=0.00000°, lambda=0.00000°.
NP2:phi=148.00000°, delta=2.00000°, lambda=0.00000°.
NAO 26:06:44:08.0, 37:50N:20:46E, h10km, mb4.9
PDG 26:06:44:08.0, 37:47N:20:49E, h17km, 1km, ML4.3/13,
Error ellipse: s-maj=1.3km s-min=1.3km az=90.0
MED_RC 26:06:44:08.0, 37:25N:20:59E, h19km, 2km, MW4.6/10,
Moment Tensor Solution. Mantle waves: s1:0 c13;
Duration: 160 Moment tensor: Scale 101N/m;
Mw=0.79; Ms=1.7; Mw=0.29; Ms=1.0; Mw=0.51; Mw=0.45; Ms=1.6;
Mw=0.50; Mw=0.0; Mw=0.1; Best double couple:

M0.97000x10^16 NP1.0.120.00000.0.58.00000.0.
1.64.00000. NP2.0.342.00000.0.840.00000.0.1.25.00000.0.
Principal axes: T 0.9800, Plg66.00000, Azm34.00000;
N -0.0300, Plg22.00000, Azm134.00000; P -0.9600,
Plg9.00000, Azm228.00000; nsta1 refers to body waves.
nsta2 refers to surface waves, cutoffs=35s.
THE 26:06:44:08.3,37.46N,20.54E,h0km,2km,ML4.2/17 Error
ellipse: s-maj=2.6km s-min=0.8km az=228.0
BEO 26:06:44:16.0,1.0,37.84N,20.81E,h31km,6km,ML4.1/8
ISC 26:06:44:08.0,0.8,37.46N,0.02-20.54E,0.02,h13km,5km,
n430,0.19/56/480,mb4.4/47,MS3.6/24,36C-2D,Ionian
Sea

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

Table with columns: LIT, comp=E,458nm,1.0s, I/AML, AML, 06 46 04.0. Lists seismic events with their magnitudes and locations.

Table with columns: INTR, Introdacqua, 6.84 314, Pn, Pn, 06 45 49.7 +1.7. Lists seismic events with their magnitudes and locations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG, EIL, AOB, AK14, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NC602, EKA, BELG, FINES, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ULN, BOSA, E29M, etc.

ATH 26 06:50:59.7, 37:51N-20:81E, h19km, 1km, ML3,6/8, Manual Solution by I.Dede This location: 2020/06/25 07:22:46 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 26 06:50:59.7, 37:48N-20:79E, h12km, 1km, ML3,7/7, Error ellipse: s-maj=2.0km s-min=0.6km az=19.0 ISC 26 06:50:59.7, 1.2, 37:50N-0:05:20:80E:0.04, h17km, 6km, n25, 48/60/37, Ionian Sea

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRII, LTHK, etc.

IDC 26 07:00:13.4-7.0, 37:60N-20:78E, h0km, mb3.9/15, mbmp3,8/23, ML3,7/5, MS3,3/15, Error ellipse: s-maj=17.0km s-min=13.5km az=165.0

ATH 26 07:00:13.2, 37:43N-20:46E, h7km, 2km, ML3,9/7, Manual Solution by I.Dede This location: 2020/07/03 22:19:11 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 26 07:00:14.7, 37:48N-20:53E, h0km, 3km, ML3,8/7, Error ellipse: s-maj=3.5km s-min=0.7km az=243.0 NEIC 26 07:00:14.6, 1.6, 37:60N-0:07:20:78E:0.08, h10km, 2km, mb4.6/8, Error ellipse: s-maj=12.2km s-min=10.4km az=176.0

BE0 26 07:00:16.7-1.0, 37:60N-20:34E, h10km, ML3,8/9 NAO 26 07:00:16.4, 40.40N, 19:59E, h10km, mb4.0 ISC 26 07:00:15.3±1.2, 37:58N-0:03:20:64E:0.03, h15km, 7km, n118, 18/69/131, mb3.8/17, MS3,3/8, Ionian Sea

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRII, LTHK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FSK Fiskardo, DRO Drossia, EVCIG Lefkada island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBIC Dimbokro, BBTS Babate, KURB Kurchatov Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like mlbnp3.7/10, ML4.1/2, Error ellipse: s-maj=51.7km, etc.

ATH 26:07:15.9, 38.70N-20.61E, h7km, 4km, ML2.6/2, Error ellipse: s-maj=4.5km s-min=1.5km az=242.0

THE 26:07:15.8, 38.70N-20.60E, h7km, 3km, ML2.6/3, Error ellipse: s-maj=3.1km s-min=1.0km az=246.0

ISC 26:07:07.15-1.4, 38.70N-0.03-20.60E, 0.06, h9km, n10, c#50/20, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DRAG Dragano-Lefkad, DRAG Dragano-Lefkoye, etc.

sonseca Array 19.20 284 P Pn 07 13 04.4 -0.3

MDT Middelt 21.25 265 P Pn 07 13 24.6 +0.2

HFS Hagfors 23.07 351 P Pn 07 13 43.4 -0.5

BELG Belogoroye 23.96 43 LR 07 13 52.6 -0.1

EKA Eskdalemuir Ar 24.05 325 P Pn 07 13 53.1 -0.5

FIAS FINESS Array B 24.13 6 P Pn 07 13 54.0 -0.6

NOA NORSAR Array B 24.29 349 P Pn 07 13 54.4 -1.4

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SPITS Spitsbergen Ar, KURBB Kurchatov Arra, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TSLK comp=N,3681um,0.7s, KALE Kalithea, ANX Ano Chora, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like AHB Akutan Harbor, AKBBA Akutan Broad B, ZRO Akutan Zero, etc.

IDC 26 07:19:31.9-1.1, 37.60N-20.82E, h0km, mb3.7/10, mbmp3.7/13, ML3.8/2, MS2.9/3, Error ellipse: s-maj=21.5km s-min=18.4km az=156.0

SKHL 26 07:20:10.0-0.3, 44.00N-145.30E, h31km, mb4.1/4, JMA 26 07:20:08.7-0.3, 44.1N-146.1E, h23km, mb2.3/19, NEAR KUNASHIRI ISLAND, Hokkaido region

BEO 26 07:36:07.5-0.9, 36.95N-20.36E, h9km, mb4.1/8, MOS 26 07:36:09.9-1.1, 37.29N-20.56E, h11km, mb4.3/9, Error ellipse: s-maj=9.7km s-min=4.2km az=75.8

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KRI1 KERI, LTHK Lithakia, RTZL Ratzakli, Kefa, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like MDT Midelt, HFS Haglors, BELG Belogornyye, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PDAR Pinedale Array, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like DMLN Damouliantata-K, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK 270nm,0.3s, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TXAR Lajillas Array, H03N2 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like AST1 Astakas, UPRI University Cam, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like DMLN Damouliantata-K, RLS Riolos of Patr, etc.

26d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Klimovske, Aktyubinsk, Torodi Ar. Bea, and others.

ISN 26 08:05:15.2, 0.6, 32.95N, 45.93E, h0km, mb3.3
TEH 26 08:05:15.8, 32.94N, 45.94E, h10km, 80km, ML3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Badra, ILBA, IGHG, etc.

KRSZO 26 08:09:34.8: 1.5, 48.56N, 20.73E, h0km, M1.4/3, Error ellipse: s-maj=15.3km s-min=6.6km az=152.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kecovo, PSZ, KOLS, etc.

2018 OCT

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kurbatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

3.4nm, 0.9s, baz=189, slow=16, SNR=3.3
KURBB Kurchatov Arra 42.65 53 P P 08 35 42.3 -2.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEPTUNE Canada, Port Alice, BC, Gold River, etc.

IDC 26 08:34:58.9: 1.2, 37.64N, 20.84E, h0km, mb3.9/8, mbmp3.8/10, ML3.8/2, Error ellipse: s-maj=30.2km

ATH 26 08:35:02.3, 37.35N, 20.52E, h10km, 1km, ML3.6/13, Error ellipse: s-maj=2.4km s-min=1.0km az=54.0

THE 26 08:35:02.2, 37.47N, 20.57E, h2km, 33km, ML3.5/5, Error ellipse: s-maj=33.3km s-min=0.9km az=47.0

ISC 26 08:35:01.9: 1.4, 37.44N, 20.57E, h11km, 8km, n39, i136/56, mb3.9/8, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lithakia, Valsamata, DMLN, etc.

ISN 26 08:05:15.2, 0.6, 32.95N, 45.93E, h0km, mb3.3
TEH 26 08:05:15.8, 32.94N, 45.94E, h10km, 80km, ML3.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Badra, IGHG, KOLS, etc.

26d 9h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARTI, ARCES, BORG, BRVK, etc.

NIED 26 08:45:35.8, 1.31, 24N, 130.65E, h117km, MW4.1, Moment Tensor: s3, Moment tensor: Scale 1015Nm...

NEIC 26 08:45:35.3, 1.1, 31.20N, 0.07, 130.60E, 0.1, h117km, 8km, mb4.5/18 Error ellipse: s-maj=13.5km s-min=9.2km az=104.0

JMA 26 08:45:35.8, 0.1, 31.2N, 0.3, 130.7E, 0.5, h117km, MV3.9/38, SATSUMA PENINSULA REGION.

JMA Felt J1 at SATSUMA PENINSULA REGION. IDC 26 08:45:35.0, 1.1, 31.25N, 130.64E, h122km, 9km, mb3.8/23, mbtmp: 2/26, Error ellipse: s-maj=15.1km s-min=10.3km az=80.0

ISC 26 08:45:35.2, 0.6, 31.22N, 0.04, 130.61E, 0.05, h123km, 5km, n84, 0.84/99, mb4.3/32, 2D, Kyushu

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

2018 OCT

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, ZALV, MKAR, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PX03, GO01, etc.

26d 9h

2018 OCT

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Table with columns for station code, name, frequency, and various signal quality metrics (P, S, Pn, etc.). Includes stations like Ampana Uglegorsk, Hong Kong Obse, and various international locations.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Beijing, Kappang, and various international locations.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Kununurra, Sibul, and various international locations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YNG Young, SISI Saibi, FORT Forrest, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GEXS Deakin Univers, MORW Morawa, MORW Morawa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAO comp=Z,84nm,0.7s, BOK Bokoro, BOK Bokoro, etc.

26d 9h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like COLA College, KLU Klutina, INZ Inchiomnie, etc.

2018 OCT

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like J25K Salcha River, RIDG Independent Ri, RIDG Independent Ri, etc.

1662

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like BHPL Bhopal, HYB Hyderabad, F26K Sheenjek River, etc.

1663

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Ogilvie Camp, Whitestone, and Karatay Array.

2018 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Karatay Array, Peel River, and Karatay Array.

26d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Tubuai, Wrigley, and Karatay Array.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, MNSK, NORSAR, and various local stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NB2, F33A, RTBA, and various international stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KWP, KALWARIA, and various international stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MPEP, VRAC, ALN, KDZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ROTZ, WHAR, WET, HKT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like R49A, DAVOX, ECH, TRQ, etc.

SLOOR	San Lorenzo	-0.97	323	P	Pn	09 12 19.4	+0.3	CZSB	Cruzeiro do Su	8.07	140	eP	Pn	09 13 45.0	-1.3	comp=Z,60nm,1.8s	SNDB	Serra Nova Dou	28.37	113	eP	P	09 17 29.9	-0.3			
BVCC	Cotopaxi Volca	0.98	329	P	Pn	09 12 20.1	+0.7	PTGC	Puerto Galeran	8.09	46	P	Pn	09 13 48.0	+1.5		SNDB				eS	P	09 22 04.3	-0.2			
BREF	Cotopaxi Volca	0.98	328	P	Pn	09 12 20.4	+0.9										PRPB	Parauapebas	28.41	100	eP	P	09 17 29.5	-1.1			
VC1	Cotopaxi 1	0.99	330	P	Pn	09 12 20.0	+0.6	TBTG	Tabatinga, AM	8.43	109	Pn	Pn	09 13 48.3	-2.1		ARQB	Araquaiadas	28.74	133	eP	Iamb	09 17 34.1	+0.7			
BNAS	Cotopaxi Volca	1.00	326	P	Pn	09 12 21.4	+1.9	DBBC	Doberaba	8.64	11	P	Pn	09 13 55.4	+1.6									09 18 10.6			
ANTM	Antisana La Mli	1.01	342	P	Pn	09 12 20.2	+0.6										comp=Z,37nm,1.0s	AQDB	Aquidauana	28.74	133	eP	P	09 17 33.7	+0.3		
CAMI	Rancho Maria	1.01	324	P	Pn	09 12 20.2	+0.6	RUSC	La Rusia	8.79	33	Pn	Pn	09 13 58.4	+2.2		CO05	La Serena	28.96	168	P	P	09 17 34.3	-0.9			
ANTS	Antisana-Sarah	1.03	346	P	Pn	09 12 20.5	+0.7	RUSC	La Rusia	8.79	33	P	Pn	09 13 58.4	+2.2		CO01	Juntas del Tor	29.27	166	P	P	09 17 37.3	-1.0			
ANTA	Antisana-Guama	1.05	341	P	Pn	09 12 20.6	+0.7	CACAO	El Cacao, Vera	9.27	342	P	Pn	09 14 02.8	+0.8		GO04	Tololo Observa	29.30	167	P	Iamb	09 17 39.8	+1.3			
PITG	Cotopaxi Volc	1.07	331	P	Pn	09 12 20.6	+0.6	APAC	Apapato, Choc	9.44	8	P	Pn	09 14 07.1	+2.8		GO04								09 17 40.9		
ANTI	Antisana	1.08	347	P	Pn	09 12 20.8	+0.6	UREC	San Jos de Ur	9.50	14	P	Pn	09 14 06.1	+1.0		ARAG	Araguainia, MT	29.35	120	eP	P	09 17 38.7	-0.1			
JSCH	Cashca Tororas	1.43	311	P	Pn	09 12 21.1	+1.0	AZU	Azuero	9.53	346	P	Pn	09 14 07.0	+1.5		CO03	El Pedregal	29.97	167	eP	Iamb	09 17 45.1	+0.9			
PAST	Pastacana	1.09	318	P	Pn	09 12 21.1	+1.0	TAMC	Arara, Arauca	9.98	38	P	Pn	09 14 12.1	+0.7		CO02	Combarbal	30.25	168	P	P	09 17 47.4	+0.6			
AGRD	Ecuador-Guaran	1.09	316	P	Pn	09 12 20.0	0.0									MOIG	Morelia	31.06	314	P	Iamb	09 17 57.1	+2.9				
ILLI	Illinizas Sur	1.13	314	P	Pn	09 12 20.8	+0.3	PAMC	Pampiona, Colo	10.21	31	P	Pn	09 14 15.1	+0.2		MOIG								09 17 57.8		
MONB	Balzapamba Mon	1.31	259	P	Pn	09 12 21.1	-0.5	NNA	Nana	10.47	174	Pn	Pn	09 14 17.8	0.0		ZON	Zonda	31.13	165	P	P	09 17 54.0	-0.4			
TING	Casa Alexandra	1.33	336	P	Pn	09 12 23.0	+1.0	NNA	Nana	10.47	174	Pn	Pn	09 14 17.9	+0.2		SJPY	San Joaquin	31.45	140	eP	P	09 17 56.5	-0.7			
LAVI	Lava-Reventad	1.43	311	P	Pn	09 12 23.3	+0.5									CPUP	Villa Florida	31.64	143	P	P	09 17 58.0	-0.9				
PUEM	Granja Avicola	1.43	342	P	Pn	09 12 24.3	+1.3									CPUP	Villa Florida	31.64	143	P	P	09 17 57.4	-1.5				
REVN	San Rafael	1.45	12	P	Pn	09 12 23.6	+0.5									CPUP								09 20 47.4	+0.5		
GGPT	Toaza - Volcan	1.46	331	P	Pn	09 12 23.5	+0.2	BCIP	Isla Barro Col	10.77	350	Pn	Pn	09 14 21.9	+0.2		CPUP	Villa Florida	31.64	143	P	P	09 17 58.1	-0.8			
JUAZ	San Juan 2	1.46	332	P	Pn	09 12 23.5	+0.2	BRUC	Volcan	11.29	335	Pn	Pn	09 14 20.7	+2.1		CPUP	Villa Florida	31.64	143	P	P	09 17 58.0	-0.9			
FENY	Casa Vinicio C	1.47	337	P	Pn	09 12 24.2	+0.5	SJCC	San Jacinto, C	11.65	13	P	Pn	09 14 33.7	+0.5		comp=Z,3.5nm,0.8s	CPUP								09 20 47.4	+0.5
GGPC	Guagua Pichinc	1.48	333	P	Pn	09 12 24.0	+0.2																				
TERV	Terraza Guagua	1.49	332	P	Pn	09 12 24.1	+0.3	NNA	32nm,0.3s,baz=276,slow=22,SNR=8.3					09 16 04.1	-1.0		CPUP										
AV11	Acelerografo,	1.50	342	P	Pn	09 12 25.0	+1.4																				
PINO	Pino	1.51	333	P	Pn	09 12 24.2	+0.2																				
CAVR	Refugio Cayamb	1.51	357	P	Pn	09 12 24.9	+0.8																				
YANA	Yana	1.52	335	P	Pn	09 12 25.0	+0.8																				
ANGU	Anguareal	1.54	357	P	Pn	09 12 25.2	+0.6	SDV	Santo Domingo	12.62	35	P	Pn	09 14 44.5	-1.2												
AZOG	Ecuador-Azogue	1.55	217	P	Pn	09 12 24.4	+0.3	SDV	Santo Domingo	12.62	35	P	Pn	09 14 45.1	-0.7												
CAYA	Cayambe	1.57	357	P	Pn	09 12 25.2	+0.6																				
BIBL	Biblin	1.58	218	P	Pn	09 12 22.6	-1.9																				
EIBL	Ecuador-Univer	1.63	318	P	Pn	09 12 27.9	+0.4	SDV	8.1nm,0.3s,baz=348,slow=16,SNR=1.5					09 20 39.5	-0.5												
PULL	Putulahu	1.65	339	P	Pn	09 12 25.1	+0.1																				
AQUC	Quevedo	1.64	286	P	Pn	09 12 24.5	-0.2																				
COHC	Cochancay	1.64	235	Pn	Pn	09 12 23.4	-1.3	SDV	comp=Z,153nm,18.7s,baz=248,slow=42					09 14 46.8	+1.1												
COHC	Cochancay	1.64	235	Pn	Pn	09 12 23.4	-1.3																				
COHC	Cochancay	1.64	235	Pn	Pn	09 12 23.6	-1.1																				
COHC	Cochancay	1.64	235	Pn	Pn	09 12 23.6	-1.1																				
BASC	Dorado de Casc	1.73	19	P	Pn	09 12 26.3	+0.6	HDC	Heredia	12.99	332	Pn	Pn	09 14 50.6	+0.2												
CASC	San Juan Bosco	1.73	200	P	Pn	09 12 25.9	+0.1	GOCE	Pocosol	13.56	331	Pn	Pn	09 14 56.4	+1.2												
ACUE	Ecuador-Cuenca	1.74	217	P	Pn	09 12 26.4	+0.4	JTS	Las Juntas de	13.65	329	P	Pn	09 15 05.5	+0.8												
IMBA	Imbabura, San	1.79	351	P	Pn	09 12 28.1	+1.4	JTS	Las Juntas de	13.65	329	P	Pn	09 15 00.5	-1.3												
MILC	Milagro-Astudi	1.81	245	P	Pn	09 12 24.6	-1.8	JTS	10nm,0.5s,baz=232,slow=8.1,SNR=8.2																		
OTAV	Otavalo	1.81	343	Pn	Pn	09 12 27.0	0.0	JTS	6.9nm,0.9s,baz=313,slow=16,SNR=9.1					09 17 26.4	-4.2												
OTAV	Otavalo	1.81	343	Pn	Pn	09 12 27.0	0.0																				
OTAV	Otavalo	1.81	343	Pn	Pn	09 12 27.0	0.0																				
OTAV	Otavalo	1.81	343	Pn	Pn	09 12 27.0	0.0																				
ACOT	Cotacachi (Cas	1.82	349	P	Pn	09 12 28.4	+1.4																				
CUSW	Cuicocha Oeste	1.83	346	P	Pn	09 12 28.8	+1.7	URIC	Uribia, Colomb	14.38	24	P	Pn	09 15 06.7	-1.0												
AIB2	Ibarra (Univer	1.85	354	P	Pn	09 12 27.8	+1.6	ESPN	Las Esperanzas	15.02	335	P	Pn	09 15 15.0	-0.6												
CUIC	Cuicocha-Domo	1.85	346	P	Pn	09 12 28.7	+0.5	AOAN	Acopaya	15.21	332	P	Pn	09 15 18.9	0.0												
CUSE	Cuicocha Este	1.85	350	P	Pn	09 12 27.9	+0.4	BOAC	BOAC BROADBAN	16.86	331	P	Pn	09 15 26.1	+0.2												
YAHU	Yahuacocha	1.87	355	P	Pn	09 12 28.3	+0.8	AUAT	Aurora	15.98	29	P	Pn	09 15 26.7	+0.7												
COTA	Cotacachi	1.88	347	P	Pn	09 12 28.5	+0.8	HATO	Hato, Curacao	16.25	33	P	Pn	09 15 29.8	-0.7												
APR2	Miler	1.89	326	P	Pn	09 12 28.3	+0.9	SAML	Samuel	16.42	117	P	Pn	09 15 30.2	-2.2												
URCU	Urucuqui	1.96	350	P	Pn	09 12 29.2	+0.7	SAMC	Samuel	16.42	117	eP	P	09 15 28.6	-3.8												
PAC1	Pacato, Paraso	1.97	334	P	Pn	09 12 28.0	0.0	MACA	Manacapurú-AM	17.30	96	eP	P	09 15 40.2	-1.8												
BONI	La Bonita	1.98	11	S	Pn	09 12 29.2	+0.6	MACA	Manacapurú-AM	17.30	96	eS	S	09 15 39.6	-2.4												
BONI	La Bonita	1.98	11	S	Pn	09 12 28.3	+1.3	LPAZ	La Paz	17.57	147	P	Pn	09 15 45.1	-0.6												
BOY3	Ecuador-Guayaq	2.00	252	P	Pn	09 12 29.9	-3.5	LPAZ	36nm,1.0s,baz=334,slow=12,SNR=5.0					09 15 46.9	-0.2												
AGUAY	Guayaquil	2.11	255	P	Pn	09 12 27.4	-2.2	LPAZ	5.1nm,0.9s,baz=162,slow=23,SNR=2.9					09 19 01.4	+1.6												
TULM	Tulcan-Chalpat	2.21	3	P	Pn	09 12 32.3	+1.0	LPAZ	La Paz	17.57	147	P	Pn	09 15 44.9	-0.8												
TULM	Tulcan-Chalpat	2.21	3	P	Pn	09 12 32.3	+1.0	PRVR	Puerto La Cruz	17.59	48	P	Pn	09 15 46.2	-0.6												
LNGL	El Angel-Carch	2.23	358	P	Pn	09 12 31.8	+0.2																				
FLF1	Flavio Alfaro-	2.24	301	P	Pn	09 12 30.5	-0.7	BOAV	Boa Vista	17.82	77	eP	Pn	09 15 46.7	-1.0												
PECV	Mancha de Ca P	2.25	289	P	Pn	09 12 31.4	+2.8	BOAV	Boa Vista	17.82	77	eP	Pn	09													

26d 9h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

2018 OCT

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

ROM 26 09:17:04.5-0.1, 42:875N, 0:004-12:698E, 0:005, h9km, ML1.3/16, 1C-1D, Error ellipse: s-maj=0.4km s-min=0.3km az=301.0, Central Italy

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

KRSZO 26 09:17:56.0-1.1, 48:34N, 19:90E, h0km, M1.8/5, Error ellipse: s-maj=6.6km s-min=4.2km az=168.0, Explosion. description : known quarry blast locality : Husina Slovakia, Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

NEIC 26 09:28:46.8-1.5, 4:93S, 0:06x152:4E, 0:1, h107km, 3km, mb4.5/28, Error ellipse: s-maj=18.8km s-min=7.8km az=83.0

IDC 26 09:28:50.6-2.1, 4:90S, 151:99E, h134km, 17km, mb3.9/15, mbmp4.3/16, Error ellipse: s-maj=25.2km s-min=10.1km az=116.0

ISC 26 09:28:46.4-0.6, 4:91S, 0:07x152:2E, 0:1, h100km, n60, e1947/64, mb4.2/29, New Britain region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like Darwin Rock St, Warramunga Arr, Warramunga Arr, Tennant Creek, Warramunga Arr, Kununurra, Alice Springs, Fitzroy Crossi, Marble Bar, Pilbara Seismi, Morawa, Ussuriysk Arr, Phrae, Chiang Mai Arr, Shilong, Songino Array, Makanchi Array, Zalesovo Beam, Eielson Array, Ayikyak River, Salcha River, Bancas Point, Kurchatov Arra, South Pole Qui, Norilsk, Borovoye Array, Mina Array Bea, Torodi Arr, Akutan Strait, Akutan Harbor, Akutan Broad B, Akutan Zero, Akutan Morgan, Akutan Volcano, Akutan Reef Bi, Unalaska Valle, Unalaska Valle, Lava Point, Akutan Green G, West Dahl East, Makushin Table, Makushin Godes, Makushin Switc, Westdahl Beach, Pakushin South, Shishaldin Nor, Isanotski Nort, False Pass, Black Hills, Sand Point, Tagagawik.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like Tolsona, Glenn, R13, 32, 41, Pn, Pn. Includes text: THE 26 09:30:26.1, 37.39N, 20.66E, h0km,2km, ML3.6/11, Error ellipse: s-maj=2.9km s-min=0.9km az=228.0. ATH 26 09:30:28.1, 37.44N, 20.72E, h8km,2km, ML3.3/4, Error ellipse: s-maj=4.1km s-min=1.3km az=55.0. ISC 26 09:30:29.1, 6.3741N, 0.05:20.70E:0.06, h4km,10km, n23, o47/340, Ionian Sea. NEIC 26 09:33:52.2, 7.2, 0, 37.47N, 0.08:20.16E:0.08, h10km,2km, mb4.4/4, Error ellipse: s-maj=13.0km s-min=10.8km az=193.0. IDC 26 09:33:54.1, 5.7, 37.45N, 20.15E, h0km, mb3.8/5, mbtnp3.7/6, ML3.7/11, MS4.6/1, Error ellipse: s-maj=100.6km s-min=44.3km az=44.0. ATH 26 09:33:58.6, 37.29N, 20.65E, h2km,2km, ML3.4/3, Error ellipse: s-maj=5.3km s-min=1.7km az=45.0. ISC 26 09:33:51.7, 1.0, 37.27N, 0.07:20.24E:0.06, h11km, n38, o28/238, mb4.0/7, Ionian Sea. Station names include Lithakia, Valsamata, Damouliana-K, Riolos of Patr, Pylos, Fiskardo, Lefkada island, Nydri-Lefkada, Tsoukalades, L, Ano Chora, Hagiors, Samh, Damouliana-K, Riolos of Patr, Samh, Pylos, Ithomi, Vasilikiades, Anoyia, Valguarnera, Keskin Array, Elat, Esdsc, Middelt, Hagfors, Eskdalemyr Ar, Fines, Norrsar Subarra, Norrsar Array, Torodi Arr, Makanchi Array, Kerri, Lithakia, Ratzakili, Kefa, Valsamata, Ratzakili, Kefa, Valsamata, Ithomi, Valsamata, Samh, Damouliana-K, Riolos of Patr, Samh, Pylos, Ithomi, Vasilikiades, Anoyia, Valguarnera, Keskin Array, Elat, Esdsc, Middelt, Hagfors, Eskdalemyr Ar, Fines, Norrsar Subarra, Norrsar Array, Torodi Arr, Makanchi Array.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like Matopo, Kerri, Lithakia, Ratzakili, Kefa, Valsamata, Ithomi, Valsamata, Samh, Damouliana-K, Riolos of Patr, Samh, Pylos, Ithomi, Vasilikiades, Anoyia, Valguarnera, Keskin Array, Elat, Esdsc, Middelt, Hagfors, Eskdalemyr Ar, Fines, Norrsar Subarra, Norrsar Array, Torodi Arr, Makanchi Array, Kerri, Lithakia, Ratzakili, Kefa, Valsamata, Ratzakili, Kefa, Valsamata, Ithomi, Valsamata, Samh, Damouliana-K, Riolos of Patr, Samh, Pylos, Ithomi, Vasilikiades, Anoyia, Valguarnera, Keskin Array, Elat, Esdsc, Middelt, Hagfors, Eskdalemyr Ar, Fines, Norrsar Subarra, Norrsar Array, Torodi Arr, Makanchi Array.

Table with multiple columns listing station call signs (e.g., TXIG, ATYAC), locations (e.g., Tlaxiaco, Atoyac), frequencies, and signal strength indicators. The table is organized into columns, with station call signs on the left, location and frequency in the middle, and signal strength indicators on the right.

26d 9h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations.

2018 OCT

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations 1675-1875.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations 1875-3475.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations 3475-4975.

26d 10h

Table with columns for station name, frequency, power, and signal strength. Includes stations like RLS Riosol of Patr, EVGI Lefkada island, DRAG Dragano-Lefkad, etc.

2018 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like MLR Muntele Rosu, DOPR Dopca, TURR Turris, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like MORF Marnelete, HFS Hagfors, EKA Eskdalemuir, etc.

26d 10h

comp=Z,0.3nm,0.6s,baz=138,slow=8.2,SNR=2.5
CMAR Chiang Mai Arr 146.24 341 PKPbc PKPdf 11 05 41.9 -0.6

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KERI, Lithakia, Valsamata, Fiskardo, etc.

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Main table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Fruska Gora, Gura Zlata, Arges, etc.

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Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Drossia, Pylos, Lefkada island, etc.

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26d 11h

Table listing various stations (e.g., BRG, SRY, KARP) with their coordinates, frequencies, and other technical specifications.

Table listing station codes (e.g., HOPE, VNA1, VNA3) and their technical details including coordinates, frequencies, and signal types.

Table listing station codes (e.g., ASAR, WRA, IDC 26) with their coordinates, frequencies, and other technical specifications.

26d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DRO, Drossia, KYRI, LTHK, etc.

NAO 26 11:26:12.9, 35°87'N, 22°26'E, h10km, mb4.7
MOS 26 11:26:27.5, 1.6, 37°53'N, 20°76'E, h10km, mb4.7/9, Error ellipse: s-maj=1.6km s-min=3.5km az=85.5
IDC 26 11:26:28.0, 0.7, 37°67'N, 20°85'E, h0km, mb4.1/15, mbmp4.0/23, ML3.8/7, MS3.8/10, Error ellipse: s-maj=16.1km s-min=12.5km az=143.0
NEIC 26 11:26:29.3, 2.0, 37°61'N, 0°06'20.95E, 0°07, h10km, 1km, mb4.6/48, Mw4.3/11, Error ellipse: s-maj=10.1km s-min=9.4km az=353.0, Moment Tensor Solution.
Moment Tensor: Scale 10^15Nm; Mw-1.05; Mo-1.44; Mo-0.40; Mo-1.88; Mo-2.09; Mo-0.08; Fault plane solution: M3.090000x10^15 NPT1.3474.50000°, 345.51000°, 1-17.63000°, NP2.367.06000°, 377.52000°, 1-134.13000°. Principal axes: T 3.3618, Plg20.0000°, Azm209.0000°, N -0.8487, Plg43.0000°, Azm99.0000°; P -2.7131, Plg40.0000°, Azm317.0000°.
BE0 26 11:26:29.8, 0.7, 37°49'N, 20°69'E, h10km, ML4.1/16
TIR 26 11:26:30.2, 37°84'N, 21°86'E, h0km, 1km, ML4.5/9
MED_RC 26 11:26:30.0, 0.4, 37°48'N, 20°80'E, h10km, MW4.6/16, Moment Tensor Solution. Mantle waves: s16, c23; Duration: 1s0 Moment Tensor: Scale 10^16Nm; Mo-0.06±.04; Mo-0.20±.03; Mo-0.26±.03; Mo-0.80±.06; Mo-0.18±.03; Mo-0.63±.09; Best double couple: Mo1.06000x10^16 NPT1.127.00000°, 377.00000°, 175.00000°. NP2.027.0000°, 315.00000°, 170.00000°. Principal axes: T 1.0100, Plg46.0000°, Azm22.0000°; N 0.0900, Plg15.0000°, Azm128.0000°; P -1.1100, Plg41.0000°. Azm231.0000°. nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.
NEIC 26 11:26:30.3, 37°64'N, 20°99'E, h10km
MCSM 26 11:26:32.9, 0.7, 38°18'N, 2°21'E, h10km, mb4.5, mb4.7, MLv4.6, Mw(mB)3.9
PDG 26 11:26:32.1, 0.6, 37°49'N, 20°76'E, h29km, 1km, ML4.4/11, Error ellipse: s-maj=2.1km s-min=1.8km az=90.0
ATH 26 11:26:33.5, 37°58'N, 20°81'E, h10km, 1km, ML4.0/8, Error ellipse: s-maj=1.8km s-min=0.8km az=227.0
THE 26 11:26:34.0, 37°60'N, 20°82'E, h10km, 1km, ML4.2/9, Error ellipse: s-maj=1.4km s-min=0.7km az=146.0
BGR 26 11:26:34.2, 1.1, 37°92'N, 21°23'E, h10km, mb4.4, Error ellipse: s-maj=63.4km s-min=16.7km az=56.0
ISC 26 11:26:31.3, 0.7, 37°56'N, 0°03, 20°77E, 0°03, h22km, 4km, n353, 2802/404, mb4.5/46, MS3.8/6, 23C-28D, Ionian Sea
Code Station Name Az Phase ID Time Res
KRII KERI 0.10 19 P Pb 11 26 37.5 +1.8

2018 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRII, LTHK, KYRI, LTHK, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEL, IDE, IDI, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like BZK, MODS, MOA, MESA, RJOB, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like EKB, NOA, NB00, NOA303, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MCK, MCKINLEY, BCAR, M29M, etc.

26d 11h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TWTD Chiawan, FULB Fuli, ETL Fush Village, etc.

2018 OCT

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TPUB Ta-pu, WNT Mingjian, WCKO Fanlu, etc.

1682

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SBCB Shanhua, SSHA Shanhua, HSN Hsinchu, etc.

IDC 26 11:38:13.2:690.0,53:32N:34:28E,h0km,Error ellipse: s-maj=290.4km s-min=82.4km az=30.0,Baltic States-Belarus-Northwestern Russia

baz=290,slow=309,SNR=1.74
I46RU ZALESOVO INFRA29.46 68 I I 14 39 30.0

IDC 26 11:42:59.6:8.6:16:20N:94.78W,h0km,mb3.5/2,
mbmp3.3/3,ML3.0/1, Error ellipse: s-maj=266.7km
s-min=128.5km az=40.0

MEX 26 11:43:01.5:0.9:15:57N:95.84W,h10km,MD4.4
ISC 26 11:42:58.9:1.6:15:44N:0.06:95.82W:0.03,h11km2,9km,
n46,e236/62,Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like HUATULCO, PUEBLO, OAXACA, etc.

IDC 26 11:46:44.6:3.8:0.07N:124.45E,h71km,35km,mb3.9/7,
mbmp4.2/9,ML4.0/2, Error ellipse: s-maj=29.9km
s-min=16.6km az=7.0

DJA 26 11:46:44.0:0.9:0.3:12.5E,h12km,9km,ML4.5/16,
mb4.7/5,mbA.9/2,MLV4.5/16,MW(mB)4.2/2
ISC 26 11:46:45.1:0.7:0.00S:0.06:124.58E:0.06,h73km,n28,
e152/30,mb4.0/7,SOUTHERN MOLECA SEA

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, LUWU, SANI, etc.

2.3nm,0.8s
USSRIYAR Ar. 44.51 8 P P 11 54 48.7 -0.5

Makanchi Array 59.45 328 P P 11 56 39.9 -0.5

South Pole Qui 89.93 180 P P 11 59 36.4 +0.3

Orni Ar. Bea 121.93 285 PKP PKPdf 12 05 29.0 -3.1

SKHL 26 11:56:19.8:0.2:43:30N:145:30E,h29km2,2km,mb4.1/3
JMA 26 11:56:19.3:0.2:44:5N:0.9:14:6E,h22km2,1km,
MV2.6/29,NEAR KUNASHIRI ISLAND
ISC 26 11:56:22.0:1.2:44:28N:0.06:145:62E:0.04,h29km2,10km,
n9,e131/17,Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YUZH-KURIL'SK, JRA, etc.

IDC 26 11:59:34.3:66.1:0.53:36N:34:50E,h0km, Error ellipse:
s-maj=279.9km s-min=80.7km az=29.0,Baltic
States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DUBNA INFRASON, AKTYUBINSK, etc.

ATH 26 11:59:41.7:37:44N:20:78E,h7km2,1km,ML3.3/11, Error
ellipse: s-maj=1.9km s-min=0.8km az=232.0
THE 26 11:59:42.2:37:42N:20:74E,h0km,3km,ML3.5/13, Error
ellipse: s-maj=3.8km s-min=1.0km az=223.0
ISC 26 11:59:42.1:3.7:44N:0.04:20:82E:0.04,h4km2,10km,
n33,e094/58,Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KERI, LTHK, etc.

RLS RLS Riolos of Patr 0.80 40 P S 11 59 57.2 +0.3

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

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RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

RLS RLS Riolos of Patr 0.80 40 P S 11 59 56.6 -0.9

KLW comp=E,1066um,0.7s AML AML 12 00 36.5

KLW comp=N,986um,0.8s AML AML 12 00 37.4

NYDR Nydri-Lefkada 1.27 356 P S 12 00 47.0 +0.7

GUR Goura 1.31 67 P S 12 00 05.7 -1.6

GUR comp=E,232um,0.9s AML AML 12 00 23.1 -1.1

GUR comp=N,327um,0.6s AML AML 12 00 41.2

EFP Efpalio 1.31 41 P S 12 00 06.4 +1.2

EFP Efpalio 1.31 41 P S 12 00 23.0 -1.2

EFP comp=E,2147um,1.0s AML AML 12 00 35.2

EFP comp=N,1722um,0.7s AML AML 12 00 36.4

LKD2 Lefkada Island 1.35 355 P Pn 12 00 06.4 -1.4

TSLK Tsoukalades L. 1.39 355 S P 12 00 08.8 0.0

TSLK comp=N,2um,0.7s AML AML 12 00 29.2 +2.2

KALE Kallithea 1.41 47 P S 12 00 07.5 -1.1

KALE comp=E,2027um,0.7s AML AML 12 00 37.1

KALE comp=N,1936um,0.6s AML AML 12 00 40.7

ANX Ano Chora 1.44 37 P Pn 12 00 07.7 -1.4

EVR Evrytania 1.67 28 P P 12 00 13.2 -0.2

NAO 26 12:03:02.3:37:34N:22:60E,h10km,mb4.9
BUJ 26 12:03:13.6:38:70N:22:42E,h11km,mb4.6/31,mB5.0/10,
Ms4.2/2,M57.4/0.3

IDC 26 12:03:14.4:0.5:38:89N:22:42E,h0km,mb4.2/25,
mbmp4.3/9,ML4.0/12,MS4.0/5, Error ellipse:
s-maj=10.5km s-min=9.5km az=128.0
BGR 26 12:03:14.9:1.0:38:70N:22:50E,h10km,mb4.6, Error
ellipse: s-maj=43.4km s-min=15.6km az=54.0
GCMT 26 12:03:15.0:0.4:38:59N:0.02:22:0E:0.04,h23km,
MW5.0/88,Moment Tensor Solution. s27,c28; s88,c125;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.68z;
Mw=3.00z; Ms=3.00z; Mb=2.68z; Ml=1.52z; Mb=0.07z; Mb=0.07z;
Mw=0.64z; Ms=0.64z; Mb=0.64z; Best double couple: Mo=3.71600z;
NP1=100.0000z; S5=0.0000z; A=0.0000z; NP2=
q=266.0000z; r=333.0000z; t=101.0000z; Principal axes:
T 3.3450, Plg13.0000z; Azm184.0000z; N 0.7470z;
Plg6.0000z; Azm276.0000z; P -4.0870z, Plg76.0000z;
Azm31.0000z; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

TIR 26 12:03:16.6:39:16N:22:55E,h14km2,2km,ML4.9
ATH 26 12:03:16.6:39:16N:22:45E,h10km,Mw4.6, Moment
Tensor Solution. s8 Moment tensor: Mw=8.7; Mw=8.10;
Ms=0.23; Mw=4.49; Ms=0.52; Mb=0.43; Fault plane
solution: NP1=98.0000z; S31.0000z; A=82.0000z;
NP2=269.0000z; S60.0000z; A=95.0000z;
NP3=269.0000z; S33.0000z; A=101.0000z; Principal axes:
T 3.3450, Plg13.0000z; Azm184.0000z; N 0.7470z;
Plg6.0000z; Azm276.0000z; P -4.0870z, Plg76.0000z;
Azm31.0000z; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

THE 26 12:03:16.7:38:93N:22:45E,h6km,1km,ML4.5/15 Error
ellipse: s-maj=1.1km s-min=0.4km az=263.0
MED_RC 26 12:03:16.0:0.9:38:93N:22:45E,h15km,1km,MW4.8/26,
Moment Tensor Solution.Mantle waves: s26,c36;
Duration: 1s2 Moment tensor: Scale 10^16Nm;
Mr=2.06z; Ms=1.99z; Mw=1.99z; Mb=0.48z; Mb=0.48z;
Ml=0.16z; Ms=0.16z; Mb=0.16z; Best double couple:
Ms2.0900z*10^16, NP1=85.0000z; S62.0000z;
A=90.0000z; NP2=265.0000z; S63.0000z;
A=90.0000z; Principal axes: T 2.0600z, Plg7.0000z;
Azm175.0000z; N 0.0600z, Plg0.0000z; Azm85.0000z;
P -12.1200z, Plg3.0000z; Azm34.0000z; nsta1 refers to
body waves, nsta2 refers to surface waves, cutoff=35s.

MOS 26 12:03:16.0:0.9:38:96N:22:42E,h16km,mb4.9/21 Error
ellipse: s-maj=5.8km s-min=3.2km az=90.1
PDG 26 12:03:16.7:0.8:38:98N:22:49E,h9km,1km,MD5.0/4,
ML4.9/12, Error ellipse: s-maj=0.9km s-min=1.3km az=0.0
NEIC 26 12:03:17.1:1.8:38:98N:0.02:22:51E:0.06,h10km,1km,
mb4.9/83, Error ellipse: s-maj=8.9km s-min=6.2km
az=136.0

BEO 26 12:03:17.7:0.7:39:09N:22:58E,h0km,ML4.4/21
MCSM 26 12:03:17.9:0.5:39:13N:22:2E,h8km,3km,mb4.7,mB5.1,
MLV5.0,MW(mB)4.5

AFAD 26 12:03:19.0:0.0:39:04N:22:98E,h6km,6km,MW4.4
ISC 26 12:03:17.4:0.6:38:93N:0.02:22:46E:0.01,h15km,3km,
n625,e1348/709,mb4.8/83,MS4.1/6,49C-39D,Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AXAR, MAKRAKAMI, DELPHI, etc.

26d 12h

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Table with columns for station name, frequency, power, and various status indicators. Includes stations like LRSO Larissa Observ, TYRN Tynavos, KLV Kalavryta, Ach, etc.

Table with columns for station code, name, frequency, power, and various status indicators. The table is organized into multiple columns, with station codes on the left and their corresponding details on the right. It includes various call signs like JAVC, KBA, KBC, etc., and their respective frequencies and power levels.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BFO, BRG, AK05, AKASG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVE, UOSS, HRA, BRVK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like G29M, BMAR, ILM, MA2, etc.

ROM 26 12:04:17.3-0.2, 43.872N, 0.007:11.94E, 0.01, h10km, ML1.0/6, 1C, Error ellipse: s-maj=1.0km s-min=0.6km az=248.0, Central Italy

Table with columns for Code, Station Name, Az, Phase ID, Time Res, and other details. Includes stations like SFI, SFI, SFI, etc.

DNK 26 12:07:47.5:3.2, 81.34N:2.92W, h10km, ML1.6 BER 26 12:07:50.3:2.5, 81.32N:3.31W, h10km, mb(Pn)3.2, Confirmed Earthquake KOLA 26 12:07:55.3, 80.75N:3.02W, h0km, ML2.1, Error ellipse: s-maj=118.7km s-min=22.9km az=40.0, Greenland

26d 12h

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nord, Kingsbay, Barentsburg, Spitsbergen Ar, Danmarks Havn, Hornsund, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KERI, LTHK, Pessada-Kefalo, Valsamata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DRME, VAE, RAFF, GADA, etc.

RSNC 26 12:07:52.10±0.7N, 4°7'33"W, h145km, 4km, M2.0, ML1.7, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC, PAMC, BRUC, RUSC, etc.

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

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

IDC 26 12:10:17.4±2.0, 38°11'N±21.20'E, h0km, mb3.7/4, mbmp3.6/6, ML3.6/1, Error ellipse: s-maj=40.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDI, ESCD, HFS, FINES, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS, VSK1, FSK, DRO, etc.

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

IDC 26 12:10:55.1±4.3, 39°49'N±21.86'E, h0km, mb3.8/5, mbmp3.7/7, ML3.3/2, Error ellipse: s-maj=68.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLR, BRTR, FINES, NOA, KURBB, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AST1, EVGI, DRAG, NYDR, etc.

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

IDC 26 12:11:14.6±0.7, 37°58'N±20.63'E, h0km, mb4.0/15, mbmp4.0/26, ML3.6/9, MS3.6/1, Error ellipse: s-maj=15.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOS, ATH, THE, NEIC, MED, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRS, MAT, SIGR, CUC, ULC, etc.

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

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DAVOX Davos/Dischmat, TUE Stuetta, RETA Reutte, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, MACI Morro de la Ar, MINAZIF Minazif, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RMBA RMBA, VNTQ Ventisquero, PDRA Piedra, etc.

GUC 26 12:11:54.0, 4.0, 63:17S, 74:28W, h32km, gkm, ML2.5, 2C-1D, Southern Chile

26d 12h

Table with columns: ID, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Serra de San D, Juan Fernandez, Bodoqueño, etc.

TAP 26 12:32:24.3, 24.75N, 121.26E, h0km, ML0.8, 1C, C, Taiwan

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

IOC 26 12:36:23.1, 5.38, 05N, 21.19E, h0km, mb3.6/4, mbmtmp3.6/5, ML0.9/1, Error ellipse: s-maj=119.2km s-min=26.2km az=56.0, Greece

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

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Mn=2.97z, 19; Mw=1.28z, 13; Mw=1.69z, 12; Mw=5.47z, 47; Mw=3.09z, 09; Mw=1.11z, 32; Best double couple; Mw=7.58z, 09; Mw=1.97z, 00; Mw=1.37z, Mw=1.14; Fault plane solution: NP1=334.00000, 833.00000, 153.00000. Principal axes: T 7.5090, Plg50.0000, Azm334.0000; N -1.5020, Plg29.0000, Azm105.0000; P -6.0070, Plg25.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ATH 26 12:41:13.4, 37.38N, 20.54E, h10km, Mw5.1, Moment Tensor Solution, s10 Moment tensor: Mw1.43; Mw=0.94; Mw=0.49; Mw=1.37; Mw=1.14; Fault plane solution: NP1=334.00000, 833.00000, 153.00000. Principal axes: T 7.5090, Plg50.0000, Azm334.0000; N -1.5020, Plg29.0000, Azm105.0000; P -6.0070, Plg25.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MED_RC 26 12:41:14.0, 0.2, 37.23N, 20.51E, h18km, Mw5.1/34, Moment Tensor Solution. Body waves: s1,C1,Mantle waves: s34,c62; Duration: 154 Moment tensor: Scale 1016Nm; Mw=3.45z, 19; Mw=1.48z, 12; Mw=1.97z, 12; Mw=2.79z, 29; Mw=3.19z, 08; Mw=1.63z, 19; Best double couple: Mw=5.33000, 1016 NP1=123.00000, 665.00000, 1.75.00000. NP2=334.00000, 833.00000, 153.00000. Principal axes: T 7.5090, Plg50.0000, Azm334.0000; N -1.5020, Plg29.0000, Azm105.0000; P -6.0070, Plg25.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 26 12:41:14.3, 37.54N, 20.56E, h12km, Moment Tensor Solution. Duration: 156 Moment tensor: Scale 1016Nm; Mw=1.99; Mw=0.96; Mw=1.03; Mw=3.35; Mw=2.27; Mw=2.37; Fault plane solution: Mw=4.90000, 1016 NP1=124.51000, 874.22000, 180.62000. NP2=335.78000, 818.29000, 119.97000. Principal axes: T 4.3189, Plg60.0000, Azm217.0000; N 1.1527, Plg9.0000, Azm127.0000; P -5.4716, Plg29.0000, Azm222.0000.

AFAD 26 12:41:15.0, 0.0, 37.53N, 20.75E, h42km, Mw4.8, PDG 26 12:41:15.0, 0.6, 37.46N, 20.46E, h30km, 2km, MD5.21, ML5.1/9, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0 MCSM 26 12:41:16.1, 0.4, 38.1N, 21.1E, h10km, mb4.8, mB5.2, Mw=0.2, Mw(mB)4.5 BGR 26 12:41:19.1, 0.8, 37.77N, 21.00E, h10km, mb5.0, Error ellipse: s-maj=86.7km s-min=28.9km az=56.0

ISC 26 12:41:13.7, 0.8, 37.48N, 0.02, 20.58E, 0.02, h16km, 4km, n785, c1978/824, mb4.8/104, MS4.4/69, 41C-38D, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRI1, LTHK, PSDA, VLS, etc.

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

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like PEHC, MMB, KARB, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like BZS, LOT, LOTR, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like DAVOX, CKRC, CKRC, etc.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like MKAR, ZALV, NRIK, SFJD, etc.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like COLD, WRGLY, I3OM, ULM, etc.

Table with columns: Code, Station Name, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like GRTK, MOAC, PAPH, etc.

ICD 26 12:49:47.1±0.5, 23°23'N; 70°44'W, h0km, mb4.4/20, mbmp4.4/24, ML4.7/2, MS3.4/10, Error ellipse: s-maj=15.5km s-min=13.8km az=38.0. NEIC 26 12:49:48.3±2.3, 23°08'N; 0°06:70.47W±0.07, h10km±1km, mb4.5/192, Error ellipse: s-maj=11.4km s-min=10.0km az=78.0. SSNC 26 12:49:51.6±1.4, 23°10'N; 70°62'W, h20km±16km, MD4.4, MW/8. ISC 26 12:49:48.7±1.2, 23°07'N; 0°04:70.51W±0.05, h15km±7km, n235, ±190/196, mb4.5/89, MS3.5/7, 1C-3D, Bahama

26d 12h

Table with columns for station name, time, and other details. Includes entries like CMIG Matias Romero, R40A Maddies Statio, HHAR Hobbs, S39A Bolivar, P40A Paris, MDP Montagne des, P38A Dawn, I42A Draeger Farm, E46A Sault Ste Mari, HBVL Hebronville, FW03 Perrin-Whitt E, HNDO Hondo, BRDY Brady, G40A Rib Lake, COWI Conover, OZNA Ozona, SN05 Snyder S, SGCY Sterling City, SN07 Snyder O, POST Post, ODSA Odessa, ECSD EROSA Data Cent, ECSD Muleshoe, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXB31 Riba Blanca, ATAH Atahualpa, VHRN Van Horn, VHRN Van Horn, AGMN Agassiz Nant, AGMN Agassiz Nant, T25A Trinidad, SAML Samuel, SAML Samuel, ETMB Extrema, ETMB Extrema, EPTC El Paso, SDCC Great Sand Dun, ANMO Albuquerque, ULM Lac du Bonnet, ULM Lac du Bonnet, ISCO Idaho Springs, ISCO Idaho Springs, 121A Cookes Peak, RSSD Black Hills, DUNG Laza B Ranch, MVCO Mesa Verde, TUC Tucson, DGMT Dagmar, DGMT Dagmar, RDMU Red Mountain, WUAZ Wupatki, WUAZ Wupatki, PD31 Pinedale Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, Q16A Castle Valley, TMUT Trail Mountain, JLU Jordanelle, MVU Marysvalle, LOHW Long Hollow, SNOW Snow King Moun, YNE Yellowstone No, MOOW Moose Ponds, FXWY Fox Creek, FXWY Fox Creek, LPAZ La Paz, LPAZ La Paz, YHH Holme Hill, CCUT Cedar Ck, FFC Flin Flon, SPUT South Promonto, PTLB Pontes e Lacer, BLYC Blythe, PSUT Pine Spring, SPR3 Spring Creek 3, PRN3 Pahroc Range, DLMT Dillon, Q12A Willow Creek R, S11A Rachel, MFID Camas Ranch, MFID Camas Ranch, TPH Tonopah, MZP Montezuma Peak, LLD Pearl Lake, NV11 Mina Array Sit, NV11 Mina Array Sit, KVN Kaiserville, NVAR Mina Array Bea, NVAR Mina Array Bea.

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Table with columns for station name, time, and other details. Includes entries like NVAR, F10A Beach Ranch, WVOR Wild Horse Val, J08A Circle Bar Ran, NEW Newport, G08A Pilot Rock, C08A Chrisman Ranch, LTY Liberty, O2D2 Mt. Diablo Mer, YKA Yellowknife Ar, SUMG Summit, SUMG Summit, CO01 Juntas del Tor, RES Resolute Bay, MESJ Messejana, ESDC Sonseca Array, ESDB Sonseca Array, MDT Midelt, EKA Eskdalemuir Ar, F28M Old Crow, J26L Joseph Creek, SCRR Sand Creek, KAIM Kayak Island, PLCA Paso Flores, IL31, IL31, ILAR Eielson Array, ILAR Eielson Array, G23K Bananza Creek, DBIC Dimbokro, NB2 NORPAR Subarra, NOA NORPAR Array B, SPITS Spitsbergen Ar, DAVOX Davos/Dischmat, HFS Hagfors, HFS Hagfors, TORD Torodil Arr, TORD Torodil Arr, K17K Iditarod, KEST Keasa, KEST Keasa, C18K Utukok River, H17K Granite Mounta, STAL STALGIAL, L16K Ohwah River, ARCES ARCESS Array B, ARCES ARCESS Array B, FINES FINESS Array B, FINES FINESS Array B, FIA1 FINESS Array S, MLR Muntele Rosu, AKAS Malin Array Be, ARTI Arti, ABKAR Akbulak array, BVAR Borovoye Array, ZALV Zalesovo Beam, KURB Kurchatov Arr, MAW Mawson, CMAR Chiang Mai Arr, COEN Coen, KULM Kulim, WRA Warramunga Arr, ASAR Tana Flores, IDC 26:15:55.4, NEIC 26:15:54.7, JMA 26:15:56.6, IOTI ISLANDS REGION, Code Station Name, Phase ID, Time, Res.

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Table with columns for station name, time, and other details. Includes entries like JNY Yasuko, JYT Yasuto, JRY Ryogami san, JRY Ryogami san, JIM Monobe, JMN Monobe, JGF Kuroka, JGF Kuroka, JAG Ashikaga, JAG Ashikaga, JAM Amaminishikomi, MJAR Matsushiro Arr, MAJO Matushiro, MAJO Matushiro, MJB9 Matsu-Tunnel, JOW Kunitami, JOW Kunitami, JOW Kunitami, JNU Nakatsue, JNU Nakatsue, JMM Marumori, JMM Marumori, JSD Sado, JMK Ichinoseki, JTM Tsumihisa, JTM Tenabayashi, JRM Erimo, KSRM Korea Array, KSRM Korea Array, KSAR Wonju Array Be, KS19 Wonju Array Si, KS19 Wonju Array Si, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YULB Yu-li, YULB Yu-li, YULB Yu-li, SSSL Suanglung, ASAJ Asakawa, JKA Kamikawa-asahi, JKA Kamikawa-asahi, TPUB, USA0B Ussuriysk Arra, USA0B Ussuriysk Arra, USRK Ussuriysk Arr, USRK Ussuriysk Arr, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, FAKI Fak Fak, ENH Enshi, ENH Enshi, COEN Coen, SONM Songino Array, SONM Songino Array, SOEI Soe, MTN Manton Dam, YAK Yakutsk, YAK Yakutsk, CHTO Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KNRA Kunurrua, JAGI Jagaj, Banyuwa, CTAO Charters Tower, WBO Warramunga Arr, WBO Warramunga Arr, WR0 Warramunga Arr, WR0 Warramunga Arr, WRAB Warramunga Arr, WRB Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Cross, SHL Shilling, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, EIDS Eidsvold, EIDS Eidsvold, MBWA Marble Bar, PSA00 Pilbara Seismi, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, STKA Stephens Creek, STKA Stephens Creek, O18K Kurchatov, O18K Kurchatov, KURK Kurchatov, KURK Kurchatov, FORT Fort, NRIK Noril'sk, NRIK Noril'sk, NRIK Noril'sk, J19K Poorman, J19K Poorman, M19K Big River Lode, M19K Big River Lode, H19K Roundabout Mou, H19K Roundabout Mou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BBOO Buckleboob, E10K Redstone River, B00M Boomskoye usch, etc.

NOU 26 12:59:11.7, 41.2AS:172.98E, h113km, MLV3.9/15, South Island, New Zealand
WEL 26 12:59:13.6, 0.8, 41.1, S, 4.1, 173.3E, h88km, 5km, M3.4/13, M3.3, 6/8, MLV3.4/13, Error ellipse: s-maj=5.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BTWS Nelson Brightw, MRNZ Matariki Terra, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KHZ Kahutara, SNZO South Karori, WEL Wellington, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like SFK Sufi-Kurgan, TRKS Terek-Say, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like YUK Yuzh-Kuril'sk, JRA Rausu, etc.

NEIC 26 13:23:02.9, 2.2, 7.02S:0.08h, 129.26E:0.08h, h154km, 5km, mb4.2/15, Error ellipse: s-maj=12.2km s-min=11.6km

IDC 26 13:23:04.1, 3.6, 7.18S: 129.13E, h166km, 35km, mb3.4/6, M3.2m, 0/9, Error ellipse: s-maj=32.0km s-min=16.1km

ISC 26 13:23:02.7, 0.6, 7.20S:0.06h, 129.21E:0.06h, h156km, n63, 0.193/66, mb4.0/13, Banda Sea

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

26d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, WHZ Wether Hill Ro, etc.

JMA 26 13:23:51.0, 0.2, 44.5N, 0.6:145.6E, 0.9, h19km, 1km, MV2.9/34, NEAR KUNASHIRI ISLAND

SKHL 26 13:23:51.7, 0.2, 44.40N, 145.60E, h18km, 2km, mb4.1/3

ISC 26 13:23:51.6, 1.7, 44.42N, 0.03:145.59E, 0.04, h18km, 5km, n10, c052/18, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, JRA Rausu, NEM2 Nemuro 2, etc.

ATH 26 13:38:10.4, 37.39N, 20.44E, h10km, 1km, ML3.1/13, Error ellipse: s-maj=2.4km s-min=1.3km az=44.0

THE 26 13:38:13.2, 37.44N, 20.57E, h0km, 2km, ML3.1/4, Error ellipse: s-maj=3.0km s-min=1.0km az=229.0

IDC 26 13:38:27.3, 15.0, 39.27N, 22.68E, h0km, mb3.5/6, mbtmp3.6/6, Error ellipse: s-maj=289.9km s-min=42.0km az=37.0

ISC 26 13:38:11.1, 1.9, 37.42N, 0.06:20.47E, 0.07, h17km, 9km, n36, c113/46, mb3.6/6, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KR11 KERI, LTHK Lithakia, PSADA Pessada-Kefalo, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLV Kalavryta, EFP Efpalio, GUR Goura, etc.

NEIC 26 13:42:25.0, 3.0, 58.0S, 0.1:25.3W, 0.2, h35km, 2km, mb4.5/10, Error ellipse: s-maj=31.7km s-min=3.9km az=220.0

IDC 26 13:42:27.4, 0.8, 57.97S, 25.68W, h56km, 6km, mb3.9/6, mbtmp4.1/7, MS3.4/1, Error ellipse: s-maj=27.8km s-min=20.8km az=83.0

ISC 26 13:42:26.9, 0.6, 58.0S, 0.1:25.5W, 0.1, h49km, n99, c076/95, mb4.2/4, AC, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

H10N1 ASCENSION HYDR50.74 14 T T 14 46 38.5

H10N3 ASCENSION HYDR50.75 14 T T 14 46 33.2

H10N2 ASCENSION HYDR50.76 14 T T 14 46 41.7

LPAZ La Paz 52.24 305 P P 13 51 31.9 -1.8

SAML Samuel 56.82 314 P IAMB IAMB 13 52 04.9 -1.3

NNA Nana 59.98 298 LR LR 14 18 19.1

BOAV Boa Vista 66.38 321 P IAMB IAMB 13 53 09.0 -1.6

DBIC Dimbokro 66.58 22 P IAMB IAMB 13 53 11.2 -0.6

DBIC Dimbokro 66.58 22 P IAMB IAMB 13 53 10.7 -1.1

TORD Toridi Ar. Bea 74.32 28 P P 13 53 59.2 +0.3

TORD Toridi Ar. Bea 74.32 28 P P 13 54 15.5 +2.0

ASAR Alice Springs 96.86 161 P P 13 55 51.8 -0.9

N30M Aishirik Lake 146.77 305 PKPbf PKPbf 14 02 01.7 -0.3

H31M Minto, Yukon 147.11 307 PKPbf PKPbf 14 02 01.9 +1.2

H31M Peel River 147.35 314 P PKPbf 14 02 01.4 +0.1

F31M Tsiglitichic 147.69 317 P PKPbf 14 02 03.8 -0.5

J30M Hart River 147.69 311 P PKPbf 14 02 04.1 -0.5

G31M Satah River 147.71 316 PKPbf PKPbf 14 02 03.0 +1.5

M29M Somme Creek 147.76 307 P PKPbf 14 02 05.2 +0.4

INK Inuvik 147.88 318 P PKPbf 14 02 04.3 -0.5

L29M L29M 147.88 308 PKPbf PKPbf 14 02 04.5 -0.5

K29M Barlow Dome 147.91 309 P PKPbf 14 02 05.0 -0.1

I30M Mount Dempster 147.94 312 P PKPbf 14 02 04.1 -1.1

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Stokes Point, F28M Old Crow, L26K Log Cabin Wild, etc.

THE 26 13:49:42.0, 37.41N, 20.56E, h0km, 3km, ML3.6/7, Error ellipse: s-maj=4.5km s-min=1.3km az=234.0

ATH 26 13:49:42.4, 37.42N, 20.57E, h9km, 4km, ML3.4/5, Error ellipse: s-maj=4.4km s-min=1.2km az=55.0

ISC 26 13:49:41.8, 1.9, 37.40N, 0.05:20.57E, 0.07, h6km, 10km, n20, c097/33, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KR11 KERI, LTHK Lithakia, PSADA Pessada-Kefalo, etc.

BUI 26 13:56:43.1, 38.16N, 20.09E, h10km, mb4.8/16, mb5.1/4

MOS 26 13:56:43.4, 1.1, 37.29N, 20.47E, h13km, mb4.8/25, Error ellipse: s-maj=9.8km s-min=3.6km az=74.6

IDC 26 13:56:45.2, 0.6, 37.58N, 20.69E, h0km, mb4.2/17, mbtmp4.1/29, ML3.8/10, MS3.4/34, Error ellipse: s-maj=13.7km s-min=11.8km az=172.0

26d 14h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Colim, Estერი de Car, Suwalki, Dourbes, Minsk, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Wadi Sarin, BORG Borgeans, BRVK Borovoye, etc.

1700

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like H21K, NJ2 Nanjing, DAWY Dawson, etc.

FUNV 26 13:57:26.2, 10:38N-62:54W, h12km, MW4.0

ISC 26 13:57:26.1±1.2, 10:29N±0.05:62:61W±0.03, h31km±13km, n30, ±136/48, Near coast of Venezuela

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TPP Pointe-a-Pierre, TRN Trinidad (W), etc.

IDC 26 13:57:51.4±2.8, 13:19N:91.13W, h0km, mb3.7/2, mbmp3.7/5, ML3.8/3, Error ellipse: s-maj=60.4km

s-min=42.6km az=31.0, ISC 26 13:57:55.5±2.3, 13:22N:02:29:11W±0.1, h33km, n6, ±086/7, Near coast of Guatemala

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CMIG Matias Romero, TEIG Tepic, etc.

JMA 26 14:01:58.9±0.2, 44:5N:07:145:7E:1.0, h17km, 1km, MV2.6/28, NEAR KUNASHIRI ISLAND

SKHL 26 14:02:00.1±0.1, 44:40N:145:60E, h19km±2km, mb4.0/4, ISC 26 14:02:00.1±1.5, 44:40N:145:60E±0.04, h19km±3km, n9, ±082/17, Hokkaido region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like YUK Yuzh-Kuril'sk, YUK Kavir River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for JMA 26 14:06:12.9, 0.2, 44.6N, 0.7, 14.6E, h20km, 1km, MV2.5/26, NEAR KUNASHIRI ISLAND.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for SKHL 26 14:08:09.1, 0.2, 44.5N, 0.7, 14.5E, h17km, 1km, MV2.2/20, NEAR KUNASHIRI ISLAND.

IDC 26 14:14:33.0, 1.0, 37.51N, 20.65E, h0km, mb3.8/13, mbmp3.7/17, ML1.2/2, MS2.8/1, Error ellipse: s-maj=21.2km s-min=17.5km az=9.0

NAO 26 14:14:34.1, 37.42N, 20.51E, h10km, mb4.2, ATH 26 14:14:35.1, 37.39N, 20.49E, h10km, ML3.9/10, Error ellipse: s-maj=4.4km s-min=1.1km az=22.0

THE 26 14:14:36.1, 37.43N, 20.54E, h0km, 2km, ML3.9/10, Error ellipse: s-maj=2.7km s-min=0.8km az=22.0

ISC 26 14:14:35.5, 1.3, 37.42N, 0.04, 20.49E, 0.04, h16km, 7km, n58, r121/76, mb3.9/13, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for KRI1 KERI, LTHK Lithakia, RTZL Ratzakli, PSDA Pessada-Kefalo, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for ITM comp=N.2194um, 0.8s, DRAG Dragano-Lefkad, NYDR Nydri-Lefkada, LK2D Lefkada island, etc.

NAO 26 14:17:34.4, 35.90N, 22.69E, h10km, mb3.7, IDC 26 14:17:54.3, 1.9, 38.09N, 21.29E, h0km, mb3.6/5, mbmp3.5/8, ML3.7/7, Error ellipse: s-maj=32.6km

ISC 26 14:17:55.1, 3.38, 0N, 0.1, 21.3E, 0.1, h18km, n9, r0564/10, mb3.6/6, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for IDI Anoyia, MLR Muntele Rosu, ESDC Sonseca Array, HFS Hagfors, etc.

IDC 26 14:23:11.4, 999.0, 51.32N, 48.43E, h0km, Error ellipse: s-maj=536.2km s-min=130.5km az=96.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for I31KZ AKTYUBINSK INF, I46RU ZALSOVO INFRA, I34MIN SONGINO INFRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for JSG Sagara, JIE Ise, JTNC Tanabenahech, JYJ Kouya, etc.

IDC 26 14:39:39.3, 1.5, 37.32N, 20.37E, h0km, mb3.7/9, mbmp3.6/13, ML3.9/2, MS2.8/1, Error ellipse: s-maj=29.5km s-min=19.7km az=35.0

THE 26 14:39:43.9, 37.46N, 20.56E, h0km, 2km, ML3.7/9, Error ellipse: s-maj=3.1km s-min=0.9km az=219.0

NAO 26 14:39:48.1, 37.42N, 20.51E, h10km, mb3.6, ISC 26 14:39:40.2, 1.3, 37.34N, 0.06, 20.43E, 0.07, h3km, 1.1km, n11, r09/93/43, mb3.8/9, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes data for KRI1 KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

26d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMLN Damoulianiata-K, VSK1 VASILIKIADES, RLS Rioli of Patr, etc.

THE 26 14:50:39.4, 37.53N, 20.31E, h0km, 11km, ML3.5/8, Error ellipse: s-maj=14.2km s-min=1.2km az=220.0

ATH 26 14:50:41.4, 37.60N, 20.30E, h7km, 1km, ML3.4/13, Error ellipse: s-maj=3.4km s-min=1.4km az=56.0

ICD 26 14:50:44.3, 38.23N, 20.98E, h0km, mb3.4/6, mbmp3.5/9, ML3.9/2, MS2.8/1, Error ellipse: s-maj=55.3km s-min=25.7km az=50.0

ISC 26 14:50:36.2, 1.8, 37.40N, 0.05, 20.23E, 0.06, h7km, 9km, n39, r136/53, mb3.5/6, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRII KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

2018 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUR comp=E,1561um,0.5s, ANX Ano Chora, ANX ANX, etc.

ICD 26 14:56:14.2, 16.0, 22.35S, 179.75E, h285km, 82km, mb3.4/3, mbmp4.0/4, Error ellipse: s-maj=261.4km s-min=53.3km az=131.0, South of Fiji Islands

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

ICD 26 14:57:49.6, 5.1, 37.90N, 20.47E, h0km, mb3.5/6, mbmp3.6/6, MS3.0/4, Error ellipse: s-maj=98.6km s-min=34.2km az=27.0, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLR Muntele Rosu, BRTR Keskin Array B, GNI Garni, etc.

ICD 26 15:06:53.6, 1.4, 37.40N, 20.96E, h0km, mb3.6/5, mbmp3.6/6, ML4.1/1, Error ellipse: s-maj=48.8km s-min=24.2km az=145.0

ATH 26 15:06:55.7, 37.39N, 20.63E, h16km, 2km, ML3.4/6, Error ellipse: s-maj=5.7km s-min=2.1km az=48.0

THE 26 15:06:56.3, 37.39N, 20.67E, h5km, 2km, ML3.5/12, Error ellipse: s-maj=2.5km s-min=0.7km az=46.0

ISC 26 15:06:55.8, 1.5, 37.42N, 0.04, 20.72E, 0.04, h11km, 10km, n38, r083/53, mb3.8/5, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRII KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

1702

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DRO comp=E,10105um,0.4s, DRO comp=N,6722um,0.5s, etc.

ICD 26 15:13:20.6, 1.1, 37.41N, 20.94E, h0km, mb3.7/9, mbmp3.7/13, ML3.9/2, MS2.9/6, Error ellipse: s-maj=20.3km s-min=19.6km az=132.0

ATH 26 15:13:23.9, 37.35N, 20.79E, h10km, 2km, ML3.5/9, Error ellipse: s-maj=3.7km s-min=1.2km az=47.0

THE 26 15:13:24.3, 37.35N, 20.80E, h0km, 2km, ML3.7/5, Error ellipse: s-maj=3.2km s-min=0.7km az=225.0

ISC 26 15:13:24.0, 0.7, 37.36N, 0.04, 20.83E, 0.04, h22km, 3km, n51, r099/60, mb3.7/9, MS3.0/3, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRII KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EFP, KALE, TSKL, ANX, AXAR, VIL2, ATHU, VIL2, DION, IDI, VAE, MLR, KEST, SOKA, OBKA, MMAI, AKASG, GNI, ESDC, MDT, HFS, EKA, FINES, NB2, NOA, TORO, ARCES, BVAR, KURBS, MKAR, ZALV, YAK, ASAR.

NEIC 26 15:39:43.5s, 1.8, 35.24N, 0.01x7.72W, 0.01, h5km, 2km, ML2 0/25, ML2.4, Error ellipse: s-maj=2.4km s-min=1.1km az=152.0

NEIC 26 15:39:42.9s, 1.6, 35.208N, 0.01x10.9774W, 0.01, h5km, 1km, Error ellipse: s-maj=2.3km s-min=1.8km az=137.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FNO, X34A, X34A, X34A, WMOK, WMOK, WMOK, WMOK, WMOK, OK031, OK031, OK052, OK048, OK048, OK051, BLOK, ELIS, TUL3, KAN13, KAN10, APMT.

IDC 26 15:41:40.6s, 1.5, 37.94N, 20.94E, h0km, mb3.5/5, mbmp3.5/6, ML0.4/1, MS3.2/1, Error ellipse: s-maj=31.3km s-min=24.9km az=84.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FINES, TORO, ARCES, KURBS, MKAR.

IDC 26 15:43:22.1s, 3.37, 37.3N, 20.20E, 0.4, h10km, n7, c1930/7, mb3.7/5, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDI, AKASG, HFS, FINES, KURBS, MKAR, ZALV.

IDC 26 15:48:08.4s, 1.5, 7.46N, 77.36W, h0km, mb3.6/2, mbmp3.7/3, ML2.7/1, MS3.1/5, Error ellipse: s-maj=55.1km s-min=37.1km az=29.0

RSNC 26 15:48:15.0s, 0.7, 7N, 1x7.7W, h2km, mb2.2km, M3.4, mb4.4, mb5.0, ML3.2, Mw(m)B4.3

UPA 26 15:48:17.5s, 0.4, 8.02N, 77.19W, h3km, 999km, MW4.6

ISC 26 15:48:13.3s, 1.4, 7.26N, 0.03x7.71W, 0.02, h23km, 12km, n50, c220/81, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PTAC, APAC, DBBC, SOLC, CAPC, UREC, CBOC, ZARC, PLMC, GUY2C, PTBC, NORC, UPAC, AZU, ZANG, MALC, CAPC, SJCC, CHIT3, YOTC, BRUC, SPBC, CACAO, ROSC, ROSC.

ORTC Ortega, Tolima 3.83 150 P Pn 15 49 12.7 +1.7

OCAC Ocana 3.93 75 S Pn 15 49 14.0 +1.6

OCAC Bocachica 4.00 99 P S 15 49 15.4 +1.9

JAMC Jamundi, Valle 4.05 173 P S 15 50 00.2 +3.0

GMAL Guarumal, Vera 4.07 277 P S 15 49 58.1 +2.8

GMAL Guarumal, Vera 4.07 277 eP Pn 15 49 16.7 +2.4

PRAC La Rusia 4.27 108 P S 15 50 02.5 +1.1

CHIC Chingaza 4.29 127 P Pn 15 49 21.3 +3.6

GRIC Gorgona, Isla 4.35 193 P Pn 15 49 19.7 +1.7

PAMC Pamplona, Colo 4.42 89 P S 15 50 02.8 +5.2

VILC Villavicencio 4.65 132 P Pn 15 49 26.7 +4.3

POPC Popayan, Colom 4.71 174 P S 15 49 24.5 +1.2

s-maj=29.8km s-min=15.1km az=81.0
NEIC 26 15:50:10.9s, 35.64S, 73.08W, h14km
GUC 26 15:50:11.7s, 0.7, 35.65S, 73.07W, h24km, 3km, ML4.5
NEIC 26 15:50:12.2s, 2.1, 35.61S, 0.04x7.12W, 0.08, h23km, 2km, mb4.7/24, Mw4.3/106, Mw4.5(GUC), Error ellipse: s-maj=9.3km s-min=5.3km az=105.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=1.49; Mw=0.44; Mw=1.92; Mw=0.92; Mw=2.21; Fault plane solution: M3.13000x1015 NP2: 167.79000, 181.93000, 1.12028000. Principal axes: T: 3.2895, P: 2899.0000, Azim: 102.0000; N: -0.3559, P: 616.0000; T: 2.9336, P: 6160.0000; Azim: 303.0000; ISC 26 15:50:08.9s, 1.4, 35.625S, 0.03x7.09W, 0.05, h1km, gkm, n118, c1913/110, mb4.5/22, MS3.6/9, 6C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like G005, G005, G005, B105, B105, B105, B105, ML02, ML02, B003, B003, B102, B102, B001, B001, B001, B002, B002, B002.

VA05 Santo Domingo 2.31 32 eP Pn 15 50 48.2 +0.3

VA05 Santo Domingo 2.31 32 eP Pn 15 50 48.6 +0.6

MT01 Popeta 2.31 41 eP Pn 15 50 48.5 +0.4

MT09 Talagante 2.52 44 eP Pn 15 50 51.9 +0.8

BO04 La Punta 2.61 52 eP Pn 15 50 53.5 +1.3

MT12 Pirque 2.81 49 eP Pn 15 50 56.4 +1.3

MT05 Renca 2.95 42 eP Pn 15 50 59.7 +2.8

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

MT05 Renca 2.95 42 eS Pn 15 51 32.9 +1.0

26d 16h

2018 OCT

1706

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like N17K, CAST, ANDR, MLY, O14K, BPWA, etc.

ICD 26 15:56:34.0-0.6, 37:54N-20:75E, h0km, mb4.0/17, mbtm3.9/27, ML3.6/8, MS3.1/2, Error ellipse: s-maj=15.3km s-min=11.9km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KRI1, LTHK, LTHK, LTHK, LTHK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PYL, ITM, ITM, ITM, EVGI, etc.

ZUR 26 16:06:23.7, 46:83N-8:47E, h8km, MLH0.8/12, 4C-2D, Error ellipse: s-maj=1784.4km s-min=770.8km az=124.0, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SENGL, BNALP, BNALP, SEFS, etc.

TIR 26 16:07:05.5, 37:34N-20:84E, h26km, 6km, M14.7, MOS 26 16:07:06.7, 1.2, 37:45N-20:62E, h10km, mb4.9/21, Error ellipse: s-maj=7.0km s-min=3.2km az=76.2

ICD 26 16:07:06.5, 0.5, 37:47N-20:745E, h0km, mb4.3/25, mbtm4.3/38, ML4.1/11, MS3.7/43, Error ellipse: s-maj=11.7km s-min=10.7km az=142.0

NAO 26 16:07:07.4, 37:42N-20:51E, h10km, mb4.8, PDG 26 16:07:08.7, 0.4, 37:42N-20:60E, h18km, ML4.6/13, Error ellipse: s-maj=0.9km s-min=1.0km az=0.0

ATH 26 16:07:09.3, 37:43N-20:59E, h7km, MW4.4, Moment Tensor Solution, s11 Moment tensor: Mr=3.94, Ms=5.03, Mss=1.09, Mso=0.85, Mss=1.42, Mss=2.92; Fault plane solution: NP1:phi=75.00000, delta=44.00000, lambda=136.00000, NP2:phi=311.00000, delta1=0.00000, delta2=0.00000

MED_RC 26 16:07:09.0, 0.3, 37:42N-20:52E, h15km, 1km, MW4.5/21, Moment Tensor Solution, Mantle waves: s21, c27; Duration: 1s1 Moment tensor: Scale 1015Nm; Mr=1.96z.47, Ms=6.61z.51, Mso=4.65z.29, Mss=1.82z.57; Mso=0.07z.28, Mss=2.51z.55; Best double couple: M=6.61000x1015 NP1:phi=49.00000, delta=77.00000, lambda=150.00000, NP2:phi=311.00000, delta=88.00000, lambda=15.00000; Principal axes: T 7.0100, P12=12.0000; Azm1:177.0000; N=0.9000; Azm2:65.0000; Azm3:90.0000; P=6.2100, P12=30.0000; Azm2:75.0000; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=35s, NEIC 26 16:07:09.3z.2.8, 37:46N-0.06z.20:57E-0.07, h10km, 1km, mb4.760 Error ellipse: s-maj=10.8km s-min=9.8km az=176.0

BEO 26 16:07:10.1z.0.7, 37:59N-20:56E, h0km, ML4.4/9, THE 26 16:07:10.2, 37:49N-20:66E, h7km, ML4.5/20, Error ellipse: s-maj=0.8km s-min=0.4km az=230.0

BGR 26 16:07:12.2z.0.9, 37:60N-20:76E, h10km, mb4.4, Error ellipse: s-maj=36.7km s-min=14.5km az=53.0

MCSM 26 16:07:12.2z.0.4, 38:14z.4z.2, h10km, mb4.7, mB4.8, AFAD 26 16:07:14.0, 0.0, 37:48N-21:34E, h15km, MW4.3

ISC 26 16:07:14.0, 0.6, 37:48N-02:20:66E-0.02, h19km, 2km, N554, e1976/575, mb4.6/53, MS3.7/36, 31C-32D, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KRI1, LTHK, LTHK, LTHK, LTHK, etc.

Table with 3 columns: Country/Region, Name, and various numerical/alphabetic data points.

Table with 3 columns: Country/Region, Name, and various numerical/alphabetic data points.

Table with 3 columns: Country/Region, Name, and various numerical/alphabetic data points.

26d 16h

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other technical details. Includes stations like SLTI, GEM, NATI, etc.

2018 OCT

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other technical details. Includes stations like TAM, PAB, LPSR, etc.

1708

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other technical details. Includes stations like TORD, TOR, ABKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK, JRA, JNSB, SHO, JNK, NEM2, JTKR, JKHJ, JAK, KUR, YSS, etc.

ICD 26 16:48:25.0.6.37:57N.20:88E, h0km, mb4.1/23, mltmp=0.033, ML3.79, MS3.01, Error ellipse: s-maj=13.1km s-min=11.6km az=170.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRII, LTHK, RZTL, PSDA, VLS, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUR, KALE, ANX, LOUT, MAKR, AXAR, IGT, VLL, THL, KEK, VLY, ATHU, DION, LIT, FNA, TIP, OHR, APE, CEL, IDI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EIL, BRG, KIEV, AKAS, AKKB, CLL, ESCD, OBN, MDT, HFS, EKA, FINES, FINES, NOA, TORD, ARCES, BVAR, DBIC, SPITS, KURBB, MKAR, ZALV, SCHO, SONM, BOSA, BOSB, CMAR, YKA, KLR, USRK, KSRS, MJAR, WRA, ASAR, etc.

PRE 26 16:49:00.7.0.26:44S.27:36E, h2km, ML2.3 BGSJ 26 16:49:03.2.1.26:61S.27:64E, h0km, 6.7km, ML2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRYS, HRAO, SNKL, SWZ, LBTB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for PMBER Pietemartitubu, MOPA Mopani, MUSN Musina, etc.

IDC 26 16:50:07.9, 1.0, 37:75N; 20:91E, h0km, mb3.7/12, s-min=18.2km az=165.0

ISC 26 16:50:09.6, 0.8, 37:75N; 01:20:82E; 0.09, h10km, n16, s=149/17, mb3.7/12, Ionian Sea

Main table for 26d 17h section, listing station codes (MMAI, EIL, AKASO, etc.), station names, coordinates, and seismic data.

IDC 26 16:52:37.8, 1.1, 37:46N; 20:92E, h0km, mb3.6/9, mbmp3.6/14, ML3.8/3, MS2.9/1, Error ellipse: s-maj=21.9km s-min=16.6km az=163.0

ATH 26 16:52:40.2, 37:29N; 20:69E, h11km, 1km, ML3.7/27, Manual Solution by D.Makariz This location: 2020/08/05 17:27:53 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 26 16:52:40.8, 37:33N; 20:72E, h13km, 1km, ML3.9/7, Error ellipse: s-maj=2.1km s-min=0.5km az=50.0

NAO 26 16:52:45.5, 37:87N; 20:49E, h10km, mb3.7, ISC 26 16:52:40.1, 1.1, 37:32N; 03:20:73E; 0.03, h15km, 7km, n73, n120/105, mb3.7/9, Ionian Sea

Main table for 26d 17h section, listing station codes (KRI1, LTHK, RTZL, etc.), station names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for LEFKA Lefkada island, DRAG Dragani-Lefkada, NYDR Nydri-Lefkada, etc.

IDC 26 17:00:56.8, 0.9, 37:64N; 20:56E, h0km, mb3.7/10, mbmp3.7/16, ML3.6/4, Error ellipse: s-maj=21.2km s-min=15.9km az=158.0

ATH 26 17:00:59.3, 37:46N; 20:49E, h7km, 2km, ML3.6/9, Error ellipse: s-maj=3.9km s-min=1.4km az=59.0

THE 26 17:00:59.9, 37:47N; 20:50E, h0km, 3km, ML3.7/10, Error ellipse: s-maj=3.6km s-min=1.0km az=231.0

ISC 26 17:00:59.2, 1.2, 37:45N; 04:20:50E; 0.04, h14km, 7km, n58, n138/144, mb3.6/10, Ionian Sea

Main table for 2018 OCT section, listing station codes (KRI1, LTHK, RTZL, etc.), station names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes entries for DRO comp=E.9764um,0.5s, DRO comp=N.7494um,0.7s, etc.

IDC 26 17:02:10.2, 0.5, 9:55S; 158:79E, h0km, mb4.8/22, mbmp4.7/24, ML1.5/1, MS4.0/42, Error ellipse: s-maj=14.7km s-min=12.6km az=128.0

BUI 26 17:02:11.9, 9:10S; 158:82E, h11km, mb5.0/69, mB5.3/25, MS4.8/7, MS7.4/5/15

MOS 26 17:02:11.3, 0.8, 9:57S; 158:75E, h20km, mb5.3/37, MS4.3/4, Error ellipse: s-maj=8.6km s-min=6.7km az=211.0

NEIC 26 17:02:11.4, 1.5, 9:58S; 0:07, 158:83E; 0:05, h10km, 3km, mb5.2/193, Mmw5.0/14, Error ellipse: s-maj=10.7km s-min=7.2km az=183.0

NEIC 26 17:02:11.1, 9:57S; 158:81E, h14km, Moment Tensor Solution. Duration: 156 Moment tensor: Scale 10^16Nm; Mr:1.9; Mw:2.04; Mw0:0.05; Mw1:32; Mw2:63; Mw3:19; Mw4:11; Mw5:11; Mw6:11; Mw7:11; Mw8:11; Mw9:11; Mw10:11; Mw11:11; Mw12:11; Mw13:11; Mw14:11; Mw15:11; Mw16:11; Mw17:11; Mw18:11; Mw19:11; Mw20:11; Mw21:11; Mw22:11; Mw23:11; Mw24:11; Mw25:11; Mw26:11; Mw27:11; Mw28:11; Mw29:11; Mw30:11; Mw31:11; Mw32:11; Mw33:11; Mw34:11; Mw35:11; Mw36:11; Mw37:11; Mw38:11; Mw39:11; Mw40:11; Mw41:11; Mw42:11; Mw43:11; Mw44:11; Mw45:11; Mw46:11; Mw47:11; Mw48:11; Mw49:11; Mw50:11; Mw51:11; Mw52:11; Mw53:11; Mw54:11; Mw55:11; Mw56:11; Mw57:11; Mw58:11; Mw59:11; Mw60:11; Mw61:11; Mw62:11; Mw63:11; Mw64:11; Mw65:11; Mw66:11; Mw67:11; Mw68:11; Mw69:11; Mw70:11; Mw71:11; Mw72:11; Mw73:11; Mw74:11; Mw75:11; Mw76:11; Mw77:11; Mw78:11; Mw79:11; Mw80:11; Mw81:11; Mw82:11; Mw83:11; Mw84:11; Mw85:11; Mw86:11; Mw87:11; Mw88:11; Mw89:11; Mw90:11; Mw91:11; Mw92:11; Mw93:11; Mw94:11; Mw95:11; Mw96:11; Mw97:11; Mw98:11; Mw99:11; Mw100:11

NEIC 26 17:02:11.1, 0.2, 9:64S; 0:01, 158:79E; 0:01, h15km, 1km, MW5.0/121, Moment Tensor Solution. s50, c65; s121, c182; Duration: 0 Moment tensor: Scale 10^16Nm; Mw1:78; Mw2:12; Mw3:2.55; Mw4:10; Mw5:77; Mw6:8; Mw7:13; Mw8:20; Mw9:22; Mw10:8; Mw11:0.41; Mw12:18; Best double couple: Mw3.74100x10^16 NP1:0.8200000; 0.67100000; 1.32000000. NP2:0.34100000; 0.60000000; 1.15800000. Principal axes: T 3.1340, Plg36.00000, Azm305.00000; P -1.2150, Plg53.00000, Azm109.00000; N 1.4600000, Azm208.00000. nstia1 refers to body waves, c1off=40s. nstia2 refers to surface waves, cutoff=50s.

ISC 26 17:02:11.6, 0.2, 9:62S; 0:04, 158:86E; 0:03, h10km, h10km; PP-P, n725, n136/639, mb5.2/189, MS4.1/50, 16C-8D, Bougainville-Solomon Islands region

Main table for 1712 section, listing station codes (DRO, PYL, etc.), station names, coordinates, and seismic data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMG Port Moresby, LCRK Leigh Creek, MORW Morawa, etc.

Table with columns: ID, Name, Comp, Z, T, S, R, P, M, V, W, X, Y, Z. Includes entries like SCRK Sand Creek, E22K Anaktuvuk Pass, YUK3 Moose Creek, etc.

Table with columns: ID, Name, Comp, Z, T, S, R, P, M, V, W, X, Y, Z. Includes entries like I29M Ogilvie Camp, MK31 Makanchi Array, MK31 Makanchi Array, etc.

Table with columns: ID, Name, Comp, Z, T, S, R, P, M, V, W, X, Y, Z. Includes entries like BTLS Baital, ELK Elko, ELK Elko, etc.

26d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yuzh-Kuril'sk, Nemuro 2, Kuril'sk, etc.

ISK 26 17:05:21.0, 38:20N:26:86E, h12km, ML3.6/24
AFAD 26 17:05:21.3, 38:20N:26:83E, h6km, ML3.5/5
THE 26 17:05:21.9, 38:18N:26:81E, h7km, ML3.5/5, Error ellipse: s-maj=2.0km s-min=0.6km az=243.0

Main table for 26d 17h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GMLD, DGB, FOCM, etc.

2018 OCT

Main table for 2018 OCT with columns: S, Sg, Time, Res. Includes stations like S, Sg, Sg, etc.

1716

Main table for 1716 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HFS, FINES, KURBB, etc.

26d 18h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like KR11, LTHK, Lithakia, RTZL, Pessada-Kefalo, etc.

ATH 26 17:59:45.9, 37:22N, 20:40E, h7km, 1km, ML3.6/11, Error ellipse: s-maj=2.7km s-min=1.1km az=65.0

IDC 26 17:59:51.2, 1.3, 37:30E, h19km, mb3.6/8, mbtmp3.6/12, ML3.7/3, MS3.0/2, Error ellipse: s-maj=25.2km s-min=21.6km az=94.0

THE 26 17:59:55.6, 37:53N, 20:70E, h19km, 3km, ML3.5/3, Error ellipse: s-maj=8.1km s-min=2.6km az=61.0

ISC 26 17:59:48.6, 1.8, 37:30N, 0:07, 20.62E, 0.07, h23km, 12km, n39, r1523/44, mb3.6/8, Ionian Sea

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like KR11, LTHK, Lithakia, RTZL, Pessada-Kefalo, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like DRO, Fiskardo, FSK, etc.

IDC 26 18:15:06.2, 2.1, 8:48S, 129:51E, h0km, mb3.6/1, mbtmp3.3/4, ML3.1/3, MS3.3/2, Error ellipse: s-maj=59.0km s-min=25.5km az=79.0, Timor Sea

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like FITZ, WRA, ASAR, DZM, MJAR, etc.

IDC 26 18:21:29.9, 1.1, 37:70N, 20:59E, h0km, mb3.6/7, mbtmp3.6/10, ML3.5/1, Error ellipse: s-maj=27.4km s-min=19.9km az=157.0

ATH 26 18:21:32.8, 37:50N, 20:69E, h6km, 1km, ML3.2/13, Error ellipse: s-maj=2.5km s-min=0.8km az=52.0

THE 26 18:21:34.4, 37:51N, 20:77E, h2km, 2km, ML3.4/5, Error ellipse: s-maj=4.2km s-min=0.9km az=67.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like KR11, LTHK, Lithakia, RTZL, Pessada-Kefalo, etc.

1718

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like DRO, PYL, PYLOS, etc.

CATAC 26 18:24:47.8, 0.2, 15:65N, 88:57W, h4km, 2km, ML4.1 SNET 26 18:24:47.3, 1.1, 15:67N, 88:63W, h5km, ML4.1

ISC 26 18:24:45.2, 1.0, 15:61N, 0:03, 88.47W, 0.03, h11km, 8km, n42, r1058/71, Honduras

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, I, S, C. Includes stations like IZABA, ESQI, MTO3, etc.

26d 18h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MAJO, MJB9, JMN, KKM, etc.

2018 OCT

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ARTI, ARCES, OBN, OBN, etc.

1720

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Santa Cesarea, Florida, Timpagrande, etc.

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

IDC 26 18:50:21.1, 2.9, 76N, 56.85E, h0km, mb3.8/8, mbmp3.8/8, MS3.4/8, Error ellipse: s-maj=36.9km s-min=21.7km az=27.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Wadi Sarin, Minazif, Rayn, etc.

IDC 26 18:50:26.9, 3.1, 42.2, 94N, 104.92W, h0km, mbmp3.2/2, ML2.0/1, Error ellipse: s-maj=64.7km s-min=12.8km az=161.0

IDC 26 18:50:26.0, 1.1, 43.5, 11N, 0.06, 105.42W, h0km, m13, az=147.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Black Hills, Casper, Red Feather, etc.

IDC 26 18:54:11.9, 2.1, 6.5, 52S, 142.97E, h0km, mb3.6/3, mbmp3.7/6, ML3.9/2, MS3.1/5, Error ellipse: s-maj=32.8km s-min=26.1km az=27.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warramunga Arr, etc.

IDC 26 18:57:02.3, 0.5, 54.2, 20N, 170.41E, h0km, mb4.3/36, mbmp4.3/38, ML4.2/2, MS3.6/46, Error ellipse: s-maj=13.9km s-min=10.7km az=161.0

MOS 26 18:57:03.2, 1.1, 54.0, 00N, 170.45E, h24km, mb4.8/26, Error ellipse: s-maj=6.4km s-min=4.8km az=28.5

IDC 26 18:57:06.2, 0.3, 53.8, 94N, 169.85E, h11km, 48km, ML4.7, Error ellipse: s-maj=10.6km s-min=1.8km az=218.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Shemya Is, Ala, Bering, etc.

NEIC 26 18:44:24.3, 0.9, 6.9, 99S, 0.07, 129.28E, 0.08, h199km, 6km, mb4.6/4, Error ellipse: s-maj=12.3km s-min=9.1km az=65.0

IDC 26 18:44:25.2, 6.4, 7.2, 25S, 129.20E, h173km, 66km, mb3.4/6, mbmp4.0/10, Error ellipse: s-maj=59.5km s-min=18.3km az=46.0

IDC 26 18:44:25.0, 0.7, 7.2, 8, 20S, 129.32E, 0.06, h200km, n24, az=324/32, mb3.5/8, Banda Sea

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

1725

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date, Time, and other parameters. Includes stations like E24K, G24K, F24K, M24K, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date, Time, and other parameters. Includes stations like L29M, E29M, O29M, YUK6, etc.

26d 18h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date, Time, and other parameters. Includes stations like ZALV, ZALV, ZALV, MFID, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like DAVOX, TUE Suetta, GERS, DAVA, MMAI, KHC, BALI, SENIN, MSBI, LISJ, HRFI, MBRI, EIL, ECH, KIEV, AKASG, MDT, HFS, NC602, EKA, NB201, NB2, NOA, NC303, TORD, ABKAR, ARTI, ARCES, BVAR, DBIC, BOOM, KURBB, MAKZ, MK31, MKAR, ZAAO, ZALV, EUNU, LSA, SONM, NCB, SUR, CMAR, C23K, B20K, D25K, E29M, TOLK, G31M, G30M, G29M, H29M, E19K, DLBC, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like PECS, SAND, TX31, DRIO, JCT, AMTX, HNDO, ANMO, PLPT, SMWD, 833A, WFTS, FW03, DUN6, FW07, RTBA, WHTX, WMOK, WMOK, T25A, LOOK, TUL3, T35A, MIAR, NAO, IDC, MCGSM, ATH, THE, BEO, ISC, CEL, CEL, CEL, TIR, TIR, TIR, VAY, SRS, MATE, CUC, PUK, PEHC, MMB, VAE, RAFF, KKB, WDD, PDG, KARP, KARP, BOSS, RZN, ALL, BARS, VTS, VTS, VTS, SJS, SJS, ZAPS, IVA, IVAS, BOVS, BOVS, MPEP, GRUS, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like LXRA, LXRA, RLS, RLS, RLS, DMLN, DMLN, DMLN, VASILIKIADES, FSK, FSK, FSK, GUR, GUR, GUR, EFP, EFP, EFP, KALE, KALE, KALE, ANX, ANX, ANX, VLI, VLI, VLI, MAKR, MAKR, MAKR, IGT, IGT, IGT, THL, KEK, KEK, KEK, LSK, LSK, SCTE, KTT, FNA, FNA, FNA, TIP, TIP, TIP, APE, ANO, ANO, ANO, CEL, CEL, CEL, TIR, TIR, TIR, VAY, SRS, MATE, CUC, PUK, PEHC, MMB, VAE, RAFF, KKB, WDD, PDG, KARP, KARP, BOSS, RZN, ALL, BARS, VTS, VTS, VTS, SJS, SJS, ZAPS, IVA, IVAS, BOVS, BOVS, MPEP, GRUS, and others.

Table of astronomical observations for 26d 20h, listing stations like ZAGS, BBLS, DIVS, ELINA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2018 OCT, listing stations like NC602, EKA, ESK, NA001, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1728, listing stations like SHLS, SHLS, SHLS, etc., with columns for station name, coordinates, and observation details.

Technical data block containing coordinates and observation parameters: IDC 26 19:36:41.01, 3.31, 82N:93.64E, h0km, mb3.6/4, etc.

Technical data block containing coordinates and observation parameters: SKHL 26 19:57:29.8, 0.1, 43:70N:145:40E, h18km, 2km, mb4.1/3, etc.

ISC 26.20:02:54.7:1.0, 37.84N:0.04:20.52E:0.05, h24km, 7km, n26, c193/39, mb3.6/6, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRII KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

JMA 26.20:06:04.7:0.2, 43.63N:0.9:14.7E:1.7, h75km, 2km, MV2.727, NEAR KUNASHIRI ISLAND

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHO Shikotan, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

NOU 26.20:12:10.74, 34.98S:178.28E, h51km, mb4.1/6, South of Kermadec Islands, South of Kermadec Islands

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

IDC 26.20:13:15.3:1.1, 37.59N:20.72E, h0km, mb3.6/10, mbmp3.5/13, ML3.5/2, Error ellipse: s-maj=22.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRII KERI, LTHK Lithakia, etc.

Table with columns: LTHK, Time, Res, ISC. Includes stations like LTHK Lithakia, RTZL Ratzakli, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VAE Valguarnera, MLR Muntele Rosu, etc.

MOS 26.20:21:01.2:1.5, 37.38N:20.46E, h13km, mb4.7/18, MS4.0/8, Error ellipse: s-maj=7.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MED_RC 26.20:21:03.0:0.5, etc.

Moment Tensor Solution, Mantle waves: s12, c15; Duration: 1s1 Moment tensor: Scale: 10^15Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FNA Florida, PTL Penteli, etc.

MCSM 26.20:21:04.6:0.7, 38.1N:7.20E, h10km, mb4.4, mb4.9, MLV4.3, Mw(mb4.2)

BEO 26.20:21:06.2:0.9, 37.66N:20.56E, h0km, ML4.1/7, PDG 26.20:21:08.1:0.3, 37.80N:20.51E, h27km, 2km, ML4.3/12

AFAD 26.20:21:10.0:0.0, 37.64N:20.58E, h24km, 71km, MW4.3, BGR 26.20:21:10.6:0.1, 37.97N:20.58E, h10km, mb4.5, Error ellipse: s-maj=55.6km

ISC 26.20:21:03.6:0.9, 37.54N:0.02:20.53E:0.02, h17km, 5km, n430, c2824/478, mb4.6/50, MS3.5/23, 29C-2VD, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRII KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

26/20h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like TIR, SOH, APE, etc.

2018 OCT

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like DOPR, BISRR, COVR, etc.

1730

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like EIL, AQBQ, RPNP, etc.

26d 20h

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Table listing station data for the Mediterranean Sea region, including station names like KWP, GERES, and MMAIL, along with their coordinates and other parameters.

SOME 26:20:38.45.8,42:85N-85:10E,h10km,2C-1D,Northern Xinjiang

Table listing station data for the Xinjiang region, including station names like DJR, SHLS, and MK31, along with their coordinates and other parameters.

IDC 26:20:47.44.3,1.2,36:55N-20:58E,h0km,mb3.7/4, mbtmp3.6/1.1,ML3.9/5,MS3.1/1, Error ellipse: s-maj=22.1km s-min=17.0km az=165.0, Central Mediterranean Sea

Table listing station data for the Mediterranean Sea region, including station names like IDI, VAE, and MLR, along with their coordinates and other parameters.

Table listing station data for the Ionian Sea region, including station names like MDT, HFS, and FINES, along with their coordinates and other parameters.

THE 26:20:48:05.4,37:87N-20:53E,h2km,33km,ML3.4/8, Error ellipse: s-maj=33.0km s-min=1.8km az=82.0,Ionian Sea

Table listing station data for the Ionian Sea region, including station names like PESSADA, RTZL, and VLS, along with their coordinates and other parameters.

SOME 26:20:48:15.9,40:35N-74:28E,h5km KRNET 26:20:48:16.8,0.1,40:35N-74:18E,h15km,mb3.6

Table listing station data for the KRNET region, including station names like SALK, SFK, and OHH, along with their coordinates and other parameters.

Table listing station data for the BTK region, including station names like BTK, CHMS, and KDJ, along with their coordinates and other parameters.

Table with columns: KURS, Kuram, 4.28 43 eP, Pb, 20 49 34.0 +0.4, 20 50 30.5 -5.3, 20 49 39.9 +1.7, 20 50 39.5, 20 49 39.3 +1.2, 20 50 39.0 -5.1, 20 49 40.0 +1.9, 20 50 40.2, 20 49 40.0 +1.9, 20 50 40.3 -3.8, 20 49 41.2 +1.7, 20 50 43.2, 20 49 42.2 +2.6, 20 50 44.0 -2.8, 20 49 49.7 -0.7, 20 50 57.1, 20 49 49.7 -0.7, 20 50 57.1 +4.3, 20 49 46.5 +1.8, 20 50 52.1, 20 49 50.7 -1.9, 20 50 49.7, 20 50 00.3 +2.2, 20 51 15.7, 20 50 01.8 +3.7, 20 51 17.4 -4.3, 20 50 09.8 +3.8, 20 51 31.3, 20 50 11.3 -5.3, 20 51 33.7 -3.0

NEIC 26 20:48:23.7 1.8 44.48N.0:05:105.61W.0:04, h0km, 1km, ML3.0/26, Error ellipse: s-maj=9.3km s-min=4.5km az=9.0
IDC 26 20:48:25.7 1.4 44.65N.105:85W, h0km, mbtp3.0/2, ML2.8/2, Error ellipse: s-maj=52.4km s-min=9.5km az=142.0
ISC 26 20:48:25.0 1.1 44.55N.0:07:105.44W.0:07, h0km, n20, a156/19, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, h m s, ISC. Rows include: RSSD Black Hills, K22A Casper, K22A, LAO LASA Array, RLMT Red Lodge, YNE Yellowstone No, YNE, YMP Mirror Lake P, PD31 Pinedale Array, PDAR Pinedale Array, PDAR, PDAR, PDAR, N23A Red Feather La, N23A, YHH Holmes Hill, MOOW Moose Ponds, YHL Hebggen Lake, YHL, FXWY Fox Creek, FXWY, BOZ Bozeman (W), BOZ, EGMET Eagleton, ISCO Idaho Springs, ISCO, ISCO, OVMT Ovando, LAC DU BONNET, ULM Lac du Bonnet, ULM

BUI 26 20:49:50.0 24.70N.95:20E, h115km, mb4.2/25, mb4.5/5, NDI 26 20:49:50.9 2.6 24.70N.95:06E, h15km, ML4.0, MW4.0, mb4.3(NEIC)
IDC 26 20:49:51.4 2.1 24.60N.95:14E, h120km, 19km, mb3.7/12, mbtp4.1/14, MS3.4/2, Error ellipse: s-maj=18.0km s-min=12.6km az=51.0
NEIC 26 20:49:52.3 2.2 24.68N.0:06:95.1E.0:08, h120km, 6km, mb4.3/29, Error ellipse: s-maj=11.3km s-min=7.8km az=50.0
ISC 26 20:49:51.0 1.5 24.69N.0:05:95.04E.0:05, h112km, n67, a154/74, mb4.2/26, Myanmar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, h m s, ISC. Rows include: KOHI KOHIMA, KOHI, KOHI, AZL Aizawl, AZL, AZL, LKP Lekhapani, LKP, LKP, SHL Shillong, SHL

Main table with columns: SHL Shillong, ZIRO ZIRO, BRDH Bariadaha, LSA PZH, GTK Tadong, CHTO Chiang Mai Arr, CMAR Chiang Mai Arr, PHRA Phrae, BOK Bokaro, LZH Lanzhou, ENH Enshi, LGTI Lohaghat, GTA Gaotai, NIL Nilore, WUS Wushi, HHC Hu-ho-hao-te, KSH Kashi, PRZ Przeval'sh, NRN Naryn, BOOM Boomsokoye usch, MK31 Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, DRK Karamyk, SONM Songino Array, GAR Garm, BTK Batken, CHGR Chuyangarr, SIMJ Simiganj, KURBB Kurzbay Arr, BVAR Borovoye Array, ABKAR Abkulak array, MJAR Matsuiro Arr, RAYN Ar Rayn, KNRA Kunurra, FITZ Fitzroy Crossi, WB0 Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, FIA1 FINESS Array S, FINES FINESS Array B, AS31 Alice Springs, ASAR Alice Springs, ASAR, KMBO Kilima Mboyo, HFS Hagfors, NOA NORSAR Array B, VOI Veitice, NC204 NORSAR Array S, CUC Castruccio, BB00 Buckleboe, STKA Stephae Creek, B22K Teshekpuk Lake, BOSA Boshof, TORD Torodi Arr, BDFB Brasilia, IDC 26 20:50:21.9 1.0 37:72N.20:86E, h0km, mb3.6/8, mbtp3.6/13, ML3.6/3, Error ellipse: s-maj=21.4km s-min=16.3km az=168.0, THE 26 20:50:22.2 3.7 49N.20:52E, h1km, 5km, ML3.4/7, Error ellipse: s-maj=5.6km s-min=1.1km az=233.0, ATH 26 20:50:23.0 3.7 54N.20:51E, h5km, 1km, ML3.4/13, Error ellipse: s-maj=2.7km s-min=1.1km az=43.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC, h m s, ISC. Rows include: KRIH KERI, LTHK Lithakia, LTHK Lithakia, RTZL Ratzakli, VLS Valsamata, VLS Valsamata, VLS, LXRA Lixouri, LXRA Lixouri, DMLN Damoulianata-K, DMLN Damoulianata-K, SMHA Samh, RLS Riolos of Patr, RLS Riolos of Patr, RLS, FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, AXS Araxos, AXS, DRO Drossia, DRO, EVGI Lefkada island, EVGI, PYL PYLOS, PYL, PYL, DRAG Drago-Lefkad, ITM Ithomi, ITM, NYDR Nydri-Lefkada, UPR University Cam, KLV Kalavryta, Ach, KLV, EFP Efpalio, EFP, EFP, GUR Goura, GUR Goura, ANX Ano Chora, ANX, KALE Kailihea, KALE, EVR Evrytania, EVR, EVR, LOUT Loutraki, AXAR Agios Charalam, VLI Velai, VLI, ATHU Athous Anivers, PFI Penteli, NEO Neokhori, ANOY Anoyia, VAE Valguarnera, VAE, MLR Muntele Ross, BRTR Keskin Array B, EIL Elia, AKASO Malin Array Be, ESCO Sonseca Array, MDT Midelt, HFS Hagfors, FINES FINESS Array B, TORD Torodi Arr, KURBB Kurchatov Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, CMAR Chiang Mai Arr

IDC 26 21:12:20.7 1.2 37:59N.20:52E, h0km, mb3.8/7, mbtp3.7/10, ML1.4/2, Error ellipse: s-maj=23.9km

26d 21h

2018 OCT

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Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KERI, Lithakia, Valsamata, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Muntele Ros, Obir, HFS Hagflos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Hagflos, Fines, TORO, MKAR, etc.

26d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like RTZL, PSADA, VSK1, ANX, etc.

NAO 26 22:40:40.2,36.14N;23:54'E,h10km,mb4.1
IDC 26 22:40:52.4,1.0,37.20N;20:79E,h0km,mb3.9/10,
mblmp3.8/17,ML3.5/5,MS3.3/16,Error ellipse:
s-maj=18.7km s-min=15.8km az=176.0

ATH 26 22:40:52.0,37.07N;20:64E,h11km,1km,ML4.0/16,
Manual Solution by M.Chariampakis This location:
2020/0701 18:42:06 ML Amplitudes are expressed in
micrometers. All distances are expressed in degrees
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
THE 26 22:40:53.3,37.06N;20:64E,h5km,1km,ML3.6/8,Error
ellipse: s-maj=1.7km s-min=0.7km az=45.0

NEIC 26 22:40:55.6,2.1,37.23N;0:07:20:60E;0:07,h10km,2km,
mb4.2/19, Error ellipse: s-maj=11.4km s-min=10.0km
az=191.0

MCSM 26 22:40:55.4,0.9,37.18N;2:11E,h10km,mb4.2,mb5.1,
MLv3.9,Mw(mB)4.4
AFAD 26 22:40:59.0,0.0,37.42N;21:18E,h115km,MW3.9
ISC 26 22:40:54.0,1.2,37.12N;0:03:20:70E;0.10km,gkm,
n190,r133/212,mb4.0/16,MS3.4/9,7C-7D,Ionian Sea

Main table for 26d 22h section, listing station codes, names, and coordinates.

2018 OCT

Main table for 2018 OCT section, listing station codes, names, and coordinates.

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Main table for 1738 section, listing station codes, names, and coordinates.

Table with columns: TORQ, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WADI SARIN, ZALESSO BEAM, and various other meteorological stations.

Table with columns: HFS, EKA, BELG, FINES, NB2, NOA, NB000, NC303, TORQ, ABKAR, ARCES, KURBB, MK31, MKAR, ZALV, CMAR, and various other stations. Includes detailed parameters for each station.

Table with columns: PYL, EFP, ANX, KALE, GUR, EVR, IGT, MAKR, AXAR, KEK, HFS, FINES, ARCES, MKAR, LK2, LK2, TSUK, TSUK, EFP, ALIK, GUR, KALE, ANX, ANX, EVR, MAKR, IGT, LIT, FNA, APE, TIP, IDI, IDI, VAE, VAE, PDG, PDG, WDR, SGRT, PAOL, ELND, INTR, EL, HERR, NRCNA, FDMO, LOT, VOIR, MLR, NEHR, KEST, PLO, VRI, AKASG, CLLE, COLM, PAB, ESDC, PAB, and various other stations. Includes detailed parameters for each station.

26d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, MARBLE, MORV, GSPA, BELGRA, MAW, PMSA, PEAOB, PETK, O02D, SNA, CMAR, TXAR, BVAR, ARCES, FINES, HFS, AKASG, BRTR, MMAL, TORD.

ATH 26 23:44:51.5, 37:41N, 20:44E, h13km, 4km, ML3.5/10. Manual Solution by A. Fokaeis. This location: 2020/07/01 01:03:38 ML. Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISC 26 23:44:51.5, 37.42N, 0.07:20.44E, 0.08, h15km, n18, o0539/19, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRI1, LTHK, PSDA, RTZL, VLS, DMLN, RLS, PYL, EVGI, ITM, TSLK, KLV, GUR.

GII 26 23:51:32.7, 37:45N, 20:92E, h10km, Mws4.6, confirmed

ATH 26 23:51:35.0, 37:37N, 20:78E, h7km, Mw4.5, Moment tensor solution. s-maj=3.45, s-min=0.30, s-rot=3.31, Mw=2.64. Fault plane solution: N1=246.00000, S390.00000, lambda=51.00000, NP2=336.00000, S399.00000, lambda=180.00000

THE 26 23:51:35.6, 37:41N, 20:80E, h0km, 1km, ML4.3/19 Error ellipse: s-maj=2.2km s-min=0.6km az=224.0

MOS 26 23:51:35.2, 1.1, 37:41N, 20:87E, h12km, mb4.8/29, Error ellipse: s-maj=5.7km s-min=3.0km az=77.4

IDC 26 23:51:35.2, 0.6, 37:50N, 21:04E, h0km, mb4.3/20, mbmp4.3/28, ML4.2/6, MS3.7/34, Error ellipse: s-maj=12.9km s-min=1.8km az=150.0

PDG 26 23:51:36.4, 0.4, 37:42N, 20:81E, h14km, 1km, ML4.5/12, Error ellipse: s-maj=9.5km s-min=0.5km az=90.0

MED_RC 26 23:51:37.0, 0.5, 37:39N, 20:89E, h10km, MW4.4/21, Moment Tensor Solution. Body waves: s4, c4, Mantle waves: s21, c25; Duration: 150 Moment tensors: Scale 10^5Nm; Mr:1.58e+28; M0:4.95e+21; M0:3.37e+22; Mw:0.29e+97; M0:1.17e+30; M0:7.5e+56; Best double couple: M0:4.50000e+10; NP1:321.00000, S380.00000, lambda:165.00000, NP2:354.00000, S375.00000, lambda:110.00000. Principal axes: T 3.7600, P18.0000, Azm277.0000; N 1.3700, P1g72.0000, Azm108.0000; P -5.1300, P1g3.0000, Azm0.0000; nsta2 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=35s.

NEIC 26 23:51:37.1, 1.9, 37:41N, 0.05:20.88E, 0.06, h10km, 1km, mb4.6/60 Error ellipse: s-maj=10.3km s-min=6.9km az=216.0

MCSM 26 23:51:37.9, 0.5, 37:45N, 21:1E, h10km, mb4.6, mB4.5, MLv4.6, Mw(mB)3.7

TIR 26 23:51:38.6, 37:57N, 20:45E, h50km, 4km, M1.4, AFAD 26 23:51:39.0, 0.0, 37:41N, 21:41E, h15km, MW4.3, BGR 26 23:51:42.1, 1.0, 38:08N, 21:96E, h10km, mb4.5, Error ellipse: s-maj=81.2km s-min=26.7km az=59.0

BE0 26 23:51:42.0, 0.9, 37:37N, 21:01E, h0km, ML4.3/6, NAO 26 23:52:04.8, 40:46N, 21:22E, h10km, mb4.3, ISC 26 23:51:37.1, 0.7, 37:46N, 0.02:20.89E, 0.02, h14km, 4km, ISC 26 23:51:37.1, 0.7, 37:46N, 0.02:20.89E, 0.02, h14km, 4km, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRI1, LTHK, PSDA, RTZL, RLS, RLS, RLS, VLS, VLS, VLS, VLS.

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Table with columns: VLS, S, Sg, 23 52 01.4 -0.4, 23 52 08.9, 23 52 09.9, 23 51 51.1 -1.8, 23 51 51.7 -1.3, 23 52 05.5 -0.6, 23 51 51.9 -1.2, 23 52 04.4 +0.3, 23 52 04.0 -1.1, 23 52 04.0 +0.1, 23 52 11.7, 23 52 15.0, 23 51 53.1 -0.9, 23 52 07.5 +0.1, 23 51 52.3 -1.7, 23 52 05.8 +0.2, 23 52 13.7, 23 52 14.6, 23 51 52.8 -1.4, 23 52 06.2 +0.4, 23 51 52.5 -1.6, 23 52 05.0 -0.8, 23 51 53.1 -1.1, 23 51 52.7 -1.5, 23 51 54.0 -1.9, 23 52 09.6 +0.9, 23 51 55.0 -1.7, 23 51 55.3 -1.5, 23 52 10.5 0.0, 23 52 16.6, 23 52 16.7, 23 51 58.1 +0.2, 23 51 50.2 +2.3, 23 51 56.5 -1.3, 23 52 13.2 +0.4, 23 51 57.9 -1.0, 23 52 17.2 +2.6, 23 51 57.5 -1.4, 23 52 15.6 +1.0, 23 52 22.6, 23 52 23.0, 23 51 57.5 -1.6, 23 51 59.2 -1.0, 23 52 20.1 +2.7, 23 51 58.8 -1.4, 23 52 17.7 +0.3, 23 52 26.6, 23 52 27.3, 23 51 58.6 -1.5, 23 52 00.3 +0.1, 23 51 59.3 -0.9, 23 52 20.1 +2.4, 23 51 59.3 -0.9, 23 52 18.6 +0.9, 23 52 23.6, 23 52 30.4, 23 51 59.3 -1.0, 23 52 21.1 +0.1, 23 52 19.3 +0.2, 23 52 00.8 -0.6, 23 52 18.7 -0.3, 23 52 28.8, 23 52 42.1, 23 52 01.8 +0.1, 23 52 22.7 +1.7, 23 52 01.4 -0.3, 23 52 20.7 -0.2, 23 52 31.9, 23 52 32.3, 23 52 01.1 -0.8, 23 52 22.3 +0.8, 23 52 00.7 -1.2, 23 52 20.0 +0.2, 23 52 30.2, 23 52 35.1, 23 52 02.0 -0.2, 23 52 23.7 +1.5, 23 52 02.0 -0.2, 23 52 28.8, 23 52 30.0, 23 52 08.5 +0.1, 23 52 04.8 -0.6, 23 52 27.9 -0.3, 23 52 46.7, 23 52 08.5 -0.2, 23 52 09.4 -0.4, 23 52 10.3 -0.3, 23 52 47.3, 23 52 49.0, 23 52 12.4 +0.7, 23 52 08.4 -0.8, 23 52 48.8, 23 52 53.1, 23 52 13.3 +1.2, 23 52 39.6 +0.3, 23 52 13.2 +1.1, 23 52 37.0 -1.2, 23 52 12.6 +0.5, 23 52 13.3 +0.2, 23 52 37.5 -0.6, 23 52 10.7 -1.4, 23 52 07.9 +0.4, 23 52 00.3, 23 53 00.4, 23 52 16.5 -1.5, 23 52 15.3 -0.8, 23 52 16.9 -1.4, 23 52 15.7 +0.6, 23 52 15.8 +0.5, 23 52 16.1 +0.3, 23 52 18.0 +2.0, 23 52 17.0 +0.6, 23 52 01.4 -0.4, 23 52 08.9, 23 52 09.9, 23 51 51.1 -1.8, 23 51 51.7 -1.3, 23 52 05.5 -0.6, 23 51 51.9 -1.2, 23 52 04.4 +0.3, 23 52 04.0 -1.1, 23 52 04.0 +0.1, 23 52 11.7, 23 52 15.0, 23 51 53.1 -0.9, 23 52 07.5 +0.1, 23 51 52.3 -1.7, 23 52 05.8 +0.2, 23 52 13.7, 23 52 14.6, 23 51 52.8 -1.4, 23 52 06.2 +0.4, 23 51 52.5 -1.6, 23 52 05.0 -0.8, 23 51 53.1 -1.1, 23 51 52.7 -1.5, 23 51 54.0 -1.9, 23 52 09.6 +0.9, 23 51 55.0 -1.7, 23 51 55.3 -1.5, 23 52 10.5 0.0, 23 52 16.6, 23 52 16.7, 23 51 58.1 +0.2, 23 51 50.2 +2.3, 23 51 56.5 -1.3, 23 52 13.2 +0.4, 23 51 57.9 -1.0, 23 52 17.2 +2.6, 23 51 57.5 -1.4, 23 52 15.6 +1.0, 23 52 22.6, 23 52 23.0, 23 51 57.5 -1.6, 23 51 59.2 -1.0, 23 52 20.1 +2.7, 23 51 58.8 -1.4, 23 52 17.7 +0.3, 23 52 26.6, 23 52 27.3, 23 51 58.6 -1.5, 23 52 00.3 +0.1, 23 51 59.3 -0.9, 23 52 20.1 +2.4, 23 51 59.3 -0.9, 23 52 18.6 +0.9, 23 52 23.6, 23 52 30.4, 23 51 59.3 -1.0, 23 52 21.1 +0.1, 23 52 19.3 +0.2, 23 52 00.8 -0.6, 23 52 18.7 -0.3, 23 52 28.8, 23 52 42.1, 23 52 01.8 +0.1, 23 52 22.7 +1.7, 23 52 01.4 -0.3, 23 52 20.7 -0.2, 23 52 31.9, 23 52 32.3, 23 52 01.1 -0.8, 23 52 22.3 +0.8, 23 52 00.7 -1.2, 23 52 20.0 +0.2, 23 52 30.2, 23 52 35.1, 23 52 02.0 -0.2, 23 52 23.7 +1.5, 23 52 02.0 -0.2, 23 52 28.8, 23 52 30.0, 23 52 08.5 +0.1, 23 52 04.8 -0.6, 23 52 27.9 -0.3, 23 52 46.7, 23 52 08.5 -0.2, 23 52 09.4 -0.4, 23 52 10.3 -0.3, 23 52 47.3, 23 52 49.0, 23 52 12.4 +0.7, 23 52 08.4 -0.8, 23 52 48.8, 23 52 53.1, 23 52 13.3 +1.2, 23 52 39.6 +0.3, 23 52 13.2 +1.1, 23 52 37.0 -1.2, 23 52 12.6 +0.5, 23 52 13.3 +0.2, 23 52 37.5 -0.6, 23 52 10.7 -1.4, 23 52 07.9 +0.4, 23 52 00.3, 23 53 00.4, 23 52 16.5 -1.5, 23 52 15.3 -0.8, 23 52 16.9 -1.4, 23 52 15.7 +0.6, 23 52 15.8 +0.5, 23 52 16.1 +0.3, 23 52 18.0 +2.0, 23 52 17.0 +0.6, 23 52 01.4 -0.4, 23 52 08.9, 23 52 09.9, 23 51 51.1 -1.8, 23 51 51.7 -1.3, 23 52 05.5 -0.6, 23 51 51.9 -1.2, 23 52 04.4 +0.3, 23 52 04.0 -1.1, 23 52 04.0 +0.1, 23 52 11.7, 23 52 15.0, 23 51 53.1 -0.9, 23 52 07.5 +0.1, 23 51 52.3 -1.7, 23 52 05.8 +0.2, 23 52 13.7, 23 52 14.6, 23 51 52.8 -1.4, 23 52 06.2 +0.4, 23 51 52.5 -1.6, 23 52 05.0 -0.8, 23 51 53.1 -1.1, 23 51 52.7 -1.5, 23 51 54.0 -1.9, 23 52 09.6 +0.9, 23 51 55.0 -1.7, 23 51 55.3 -1.5, 23 52 10.5 0.0, 23 52 16.6, 23 52 16.7, 23 51 58.1 +0.2, 23 51 50.2 +2.3, 23 51 56.5 -1.3, 23 52 13.2 +0.4, 23 51 57.9 -1.0, 23 52 17.2 +2.6, 23 51 57.5 -1.4, 23 52 15.6 +1.0, 23 52 22.6, 23 52 23.0, 23 51 57.5 -1.6, 23 51 59.2 -1.0, 23 52 20.1 +2.7, 23 51 58.8 -1.4, 23 52 17.7 +0.3, 23 52 26.6, 23 52 27.3, 23 51 58.6 -1.5, 23 52 00.3 +0.1, 23 51 59.3 -0.9, 23 52 20.1 +2.4, 23 51 59.3 -0.9, 23 52 18.6 +0.9, 23 52 23.6, 23 52 30.4, 23 51 59.3 -1.0, 23 52 21.1 +0.1, 23 52 19.3 +0.2, 23 52 00.8 -0.6, 23 52 18.7 -0.3, 23 52 28.8, 23 52 42.1, 23 52 01.8 +0.1, 23 52 22.7 +1.7, 23 52 01.4 -0.3, 23 52 20.7 -0.2, 23 52 31.9, 23 52 32.3, 23 52 01.1 -0.8, 23 52 22.3 +0.8, 23 52 00.7 -1.2, 23 52 20.0 +0.2, 23 52 30.2, 23 52 35.1, 23 52 02.0 -0.2, 23 52 23.7 +1.5, 23 52 02.0 -0.2, 23 52 28.8, 23 52 30.0, 23 52 08.5 +0.1, 23 52 04.8 -0.6, 23 52 27.9 -0.3, 23 52 46.7, 23 52 08.5 -0.2, 23 52 09.4 -0.4, 23 52 10.3 -0.3, 23 52 47.3, 23 52 49.0, 23 52 12.4 +0.7, 23 52 08.4 -0.8, 23 52 48.8, 23 52 53.1, 23 52 13.3 +1.2, 23 52 39.6 +0.3, 23 52 13.2 +1.1, 23 52 37.0 -1.2, 23 52 12.6 +0.5, 23 52 13.3 +0.2, 23 52 37.5 -0.6, 23 52 10.7 -1.4, 23 52 07.9 +0.4, 23 52 00.3, 23 53 00.4, 23 52 16.5 -1.5, 23 52 15.3 -0.8, 23 52 16.9 -1.4, 23 52 15.7 +0.6, 23 52 15.8 +0.5, 23 52 16.1 +0.3, 23 52 18.0 +2.0, 23 52 17.0 +0.6, 23 52 01.4 -0.4, 23 52 08.9, 23 52 09.9, 23 51 51.1 -1.8, 23 51 51.7 -1.3, 23 52 05.5 -0.6, 23 51 51.9 -1.2, 23 52 04.4 +0.3, 23 52 04.0 -1.1, 23 52 04.0 +0.1, 23 52 11.7, 23 52 15.0, 23 51 53.1 -0.9, 23 52 07.5 +0.1, 23 51 52.3 -1.7, 23 52 05.8 +0.2, 23 52 13.7, 23 52 14.6, 23 51 52.8 -1.4, 23 52 06.2 +0.4, 23 51 52.5 -1.6, 23 52 05.0 -0.8, 23 51 53.1 -1.1, 23 51 52.7 -1.5, 23 51 54.0 -1.9, 23 52 09.6 +0.9, 23 51 55.0 -1.7, 23 51 55.3 -1.5, 23 52 10.5 0.0, 23 52 16.6, 23 52 16.7, 23 51 58.1 +0.2, 23 51 50.2 +2.3, 23 51 56.5 -1.3, 23 52 13.2 +0.4, 23 51 57.9 -1.0, 23 52 17.2 +2.6, 23 51 57.5 -1.4, 23 52 15.6 +1.0, 23 52 22.6, 23 52 23.0, 23 51 57.5 -1.6, 23 51 59.2 -1.0, 23 52 20.1 +2.7, 23 51 58.8 -1.4, 23 52 17.7 +0.3, 23 52 26.6, 23 52 27.3, 23 51 58.6 -1.5, 23 52 00.3 +0.1, 23 51 59.3 -0.9, 23 52 20.1 +2.4, 23 51 59.3 -0.9, 23 52 18.6 +0.9, 23 52 23.6, 23 52 30.4, 23 51 59.3 -1.0, 23 52 21.1 +0.1, 23 52 19.3 +0.2, 23 52 00.8 -0.6, 23 52 18.7 -0.3, 23 52 28.8, 23 52 42.1, 23 52 01.8 +0.1, 23 52 22.7 +1.7, 23 52 01.4 -0.3, 23 52 20.7 -0.2, 23 52 31.9, 23 52 32.3, 23 52 01.1 -0.8, 23 52 22.3 +0.8, 23 52 00.7 -1.2, 23 52 20.0 +0.2, 23 52 30.2, 23 52 35.1, 23 52 02.0 -0.2, 23 52 23.7 +1.5, 23 52 02.0 -0.2, 23 52 28.8, 23 52 30.0, 23 52 08.5 +0.1, 23 52 04.8 -0.6, 23 52 27.9 -0.3, 23 52 46.7, 23 52 08.5 -0.2, 23 52 09.4 -0.4, 23 52 10.3 -0.3, 23 52 47.3, 23 52 49.0, 23 52 12.4 +0.7, 23 52 08.4 -0.8, 23 52 48.8, 23 52 53.1, 23 52 13.3 +1.2, 23 52 39.6 +0.3, 23 52 13.2 +1.1, 23 52 37.0 -1.2, 23 52 12.6 +0.5, 23 52 13.3 +0.2, 23 52 37.5 -0.6, 23 52 10.7 -1.4, 23 52 07.9 +0.4, 23 52 00.3, 23 53 00.4, 23 52 16.5 -1.5, 23 52 15.3 -0.8, 23 52 16.9 -1.4, 23 52 15.7 +0.6, 23 52 15.8 +0.5, 23 52 16.1 +0.3, 23 52 18.0 +2.0, 23 52 17.0 +0.6, 23 52 01.4 -0.4, 23 52 08.9, 23 52 09.9, 23 51 51.1 -1.8, 23 51 51.7 -1.3, 23 52 05.5 -0.6, 23 51 51.9 -1.2, 23 52 04.4 +0.3, 23 52 04.0 -1.1, 23 52 04.0 +0.1, 23 52 11.7, 23 52 15.0, 23 51 53.1 -0.9, 23 52 07.5 +0.1, 23 51 52.3 -1.7, 23 52 05.8 +0.2, 23 52 13.7, 23 52 14.6, 23 51 52.8 -1.4, 23 52 06.2 +0.4, 23 51 52.5 -1.6, 23 52 05.0 -0.8, 23 51 53.1 -1.1, 23 51 52.7 -1.5, 23 51 54.0 -1.9, 23 52 09.6 +0.9, 23 51 55.0 -1.7, 23 51 55.3 -1.5, 23 52 10.5 0.0, 23 52 16.6, 23 52 16.7, 23 51 58.1 +0.2, 23 51 50.2 +2.3, 23 51 56.5 -1.3, 23 52 13.2 +0.4, 23 51 57.9 -1.0, 23 52 17.2 +2.6, 23 51 57.5 -1.4, 23 52 15.6 +1.0, 23 52 22.6, 23 52 23.0, 23 51 57.5 -1.6, 23 51 59.2 -1.0, 23 52 20.1 +2.7, 23 51 58.8 -1.4, 23 52 17.7 +0.3, 23 52 26.6, 23 52 27.3, 23 51 58.6 -1.5, 23 52 00.3 +0.1, 23 51 59.3 -0.9, 23 52 20.1 +2.4, 23 51 59.3 -0.9, 23 52 18.6 +0.9, 23 52 23.6, 23 52 30.4, 23 51 59.3 -1.0, 23 52 21.1 +0.1, 23 52 19.3 +0.2, 23 52 00.8 -0.6, 23 52 18.7 -0.3, 23 52 28.8, 23 52 42.1, 23 52 01.8 +0.1, 23 52 22.7 +1.7, 23 52 01.4 -0.3, 23 52 20.7 -0.2, 23 52 31.9, 23 52 32.3, 23 52 01.1 -0.8, 23 52 22.3 +0.8, 23 52 00.7 -1.2, 23 52 20.0 +0.2, 23 52 30.2, 23 52 35.1, 23 52 02.0 -0.2, 23 52 23.7 +1.5, 23 52 02.0 -0.2, 23 52 28.8, 23 52 30.0, 23 52 08.5 +0.1, 23 52 04.8 -0.6, 23 52 27.9 -0.3, 23 52 46.7, 23 52 08.5 -0.2, 23 52 09.4 -0.4, 23 52 10.3 -0.3, 23 52 47.3, 23 52 49.0, 23 52 12.4 +0.7, 23 52 08.4 -0.8, 23 52 48.8, 23 52 53.1, 23 52 13.3 +1.2, 23 52 39.6 +0.3, 23 52 13.2 +1.1, 23 52 37.0 -1.2, 23 52 12.6 +0.5, 23 52 13.3 +0.2, 23 52 37.5 -0.6, 23 52 10.7 -1.4, 23 52 07.9 +0.4, 23 52 00.3, 23 53 00.4, 23 52 16.5 -1.5, 23 52 15.3 -0.8, 23 52 16.9 -1.4, 23 52 15.7 +0.6, 23 52 15.8 +0.5, 23 52 16.1 +0.3, 23 52 18.0 +2.0, 23 52 17.0 +0.6, 23 52 01.4 -0.4, 23 52 08.9, 23 52 09.9, 23 51 51.1 -1.8, 23 51 51.7 -1.3, 23 52 05.5 -0.6, 23 51 51.9 -1.2, 23 52 04.4 +0.3, 23 52 04.0 -1.1, 23 52 04.0 +0.1, 23 52 11.7, 23 52 15.0, 23 51 53.1 -0.9, 23 52 07.5 +0.1, 23 51 52.3 -1.7, 23 52 05.8 +0.2, 23 52 13.7, 23 52 14.6, 23 51 52.8 -1.4, 23 52 06.2 +0.4, 23 51 52.5 -1.6, 23 52 05.0 -0.8, 23 51 53.1 -1.1, 23 51 52.7 -1.5, 23 51 54.0 -1.9, 23 52 09.6 +0.9, 23 51 55.0 -1.7, 23 51 55.3 -1.5, 23 52 10.5 0.0, 23 52 16.6, 23 52 16.7, 23 51 58.1 +0.2, 23 51 50.2 +2.3, 23 51 56.5 -1.3, 23 52 13.2 +0.4, 23 51 57.9 -1.0, 23 52 17.2 +2.6, 23 51 57.5 -1.4, 23 52 15.6 +1.0, 23 52 22.6, 23 52 23.0, 23 51 57.5 -1.6, 23 51 59.2 -1.0, 23 52 20.1 +2.7, 23 51 58.8 -1.4, 23 52 17.7 +0.3, 23 52 26.6, 23 52 27.3, 23 51 58.6 -1.5, 23 52 00.3 +0.1, 23 51 59.3 -0.9, 23 52 20.1 +2.4, 23 51 59.3 -0.9, 23 52 18.6 +0.9, 23 52 23.6, 23 52 30.4, 23 51 59.3 -1.0, 23 52 21.1 +0.1, 23 52 19.3 +0.2, 23 52 00.8 -0.6, 23 52 18.7 -0.3, 23 52 28.8, 23 52 42.1, 23 52 01.8 +0.1, 23 52 22.7 +1.7, 23 52 01.4 -0.3, 23 52 20.7 -0.2, 23 52 31.9, 23 52 32.3, 23 52 01.1 -0.8, 23 52 22.3 +0.8, 23 52 00.7 -1.2, 23 52 20.0 +0.2, 23 52 30.2, 23 52 35.1, 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PVY Plav	5.10 352	Pn	23 52 55.6 +1.3	HARR Harsova	8.97 34	Pn	23 53 47.9 +1.8	RETA Reutte	12.49 327	ePn	P	23 54 41.4 -8	
PVY Raffo Rosso	5.21 269	Pn	23 52 54.0 -0.5	HARR Harsova	8.97 34	Pn	23 53 47.9 +1.8	comp=Z,2.2nm,0.4s					
CAVK Edirne/Enez-Ca	5.22 50	Pn	23 52 49.8 -4.9	MDB Medias	9.06 16	Pn	23 53 49.8 +2.5	OFRI Ofer	12.52 108	P	Pn	23 54 30.8 -4.0	
GELI Tayfur-Gelibolu	5.25 54	Pn	23 52 57.1 +2.0	MDB Medias	9.06 16	Pn	23 53 49.8 +2.5	GE2C GERESS Array S	12.53 338	ePn	Pn	23 54 36.1 +1.2	
ALN Alexandroupoli	5.28 48	Pn	23 52 56.5 +1.0	DOPR Dopca	9.14 20	Pn	23 53 51.4 +2.9	GE2C GERESS Array S	12.53 338	eSn	Pn	23 54 48.1 -5.7	
ALN Alexandroupoli	5.28 48	Pn	23 52 56.5 +1.0	BISRRI Bisoca	9.18 27	Pn	23 53 50.8 +1.7	GERES GERESS Array B	12.53 338	Pn	Pn	23 54 37.0 -2.2	
ALN Alexandroupoli	5.28 48	Pn	23 52 56.5 +1.0	comp=E,0.77nm,0.8s				GERES GERESS Array B	12.53 338	Pn	Pn	23 54 33.6 -1.3	
CEME Cevo	5.30 344	Pn	23 52 55.9 +1.0	COVR Voineasa-Covas	9.27 24	Pn	23 53 52.3 +2.0	GERES GERESS Array B	12.53 338	Pn	Pn	23 54 37.0 +2.2	
CEME Cevo	5.30 344	Pn	23 52 55.9 +1.0	TPGR Topolog	9.32 35	Pn	23 53 52.6 +1.7	MORC Moravsky Berou	12.55 350	Pn	Pn	23 54 36.3 +1.1	
HCY Herceg Novi	5.31 340	Pn	23 52 55.8 -0.2	MARR Marisel-Ciuj	9.36 9	Pn	23 53 52.3 +0.7	MORC Moravsky Berou	12.55 350	Pn	Pn	23 54 36.3 +1.1	
HCY Herceg Novi	5.31 340	Pn	23 52 55.8 -0.2	OZUR	9.37 21	Pn	23 53 54.4 +2.8	BLGI Bet Lehem HaGe	12.62 108	Pn	Pn	23 54 32.1 -4.1	
WDD Wied Dalam	5.37 254	Pn	23 52 56.7 0.0	PLORS Plostina Array	9.43 25	Pn	23 53 52.5 +0.1	MMCT Mount Meron Ar	12.65 106	Pn	Pn	23 54 33.1 -3.6	
PLNA Plana	5.38 20	Pn	23 52 59.5 +2.5	comp=E,0.42nm,1.0s				MMA0B Mount Meron Ar	12.66 106	Pn	Pn	23 54 33.1 -3.7	
DAT Dacia	5.40 96	Pn	23 52 57.6 +0.4	CFR Carcaliu	9.44 33	Pn	23 53 53.9 +1.4	MMAI Mount Meron Ar	12.66 106	Pn	Pn	23 54 33.3 -3.5	
BARS Barje	5.40 109	Pn	23 52 58.3 +1.1	CFR Carcaliu	9.44 33	Pn	23 53 53.9 +1.4	comp=Z,2.2nm,0.3s,baz=310,slow=32,SNR=6.4				23 56 49.7 -7.9	
KARP Karpathos	5.40 109	Pn	23 52 58.3 +1.1	KEST Kesra	9.44 263	Pn	23 53 53.2 +0.5	Salit	12.73 110	Pn	Pn	23 54 34.0 -3.6	
KARP Karpathos	5.40 109	Pn	23 52 58.3 +1.1	KEST Kesra	9.44 263	Pn	23 53 53.2 +0.5	DLVA Danuells	12.74 324	ePn	Pn	23 54 38.1 +0.2	
KARP Karpathos	5.40 109	Pn	23 52 58.3 +1.1	comp=E,1.3nm,0.3s,baz=49,slow=48,SNR=24				comp=Z,1.9nm,0.5s					
KARP Karpathos	5.40 109	Pn	23 52 58.3 +1.1	comp=E,0.2nm,0.3s,baz=49,slow=48,SNR=1.4				DAVA	12.74 324	eSn	Pn	23 56 59.8 +0.2	
comp=E,0.29nm,0.9s,comp=E,0.2nm,comp=E,0.8nm				KEST Kesra	9.44 263	Pn	23 53 50.0 +0.3	comp=Z,1.6nm,0.8s					
KDZ Kurdzhali	5.40 38	Pn	23 52 58.4 +1.2	comp=E,0.97nm,1.9s,baz=27,slow=41				GEM GEM	12.78 105	Pn	Pn	23 54 34.8 -3.6	
KDZ Kurdzhali	5.40 38	Pn	23 52 58.4 +1.2	comp=E,1.1nm,0.8s				PLONS Plons/SJG	12.81 322	ePn	Pn	23 54 42.5 +3.7	
LPK Lapseki	5.42 56	Pn	23 52 57.8 +0.3	CJR Cluj-Napoca	9.46 11	Pn	23 53 54.3 +1.4	KLONS Klons	12.81 322	eSn	Pn	23 56 57.7 -3.5	
ERIK Erikli-Kesan	5.43 52	Pn	23 52 57.0 +0.4	CJR Cluj-Napoca	9.46 11	Pn	23 53 54.3 +1.4	KHC Kasperske Hory	12.82 338	eSn	Pn	23 54 40.2 +1.4	
ERIK Erikli-Kesan	5.43 52	Pn	23 52 57.0 +0.4	YRI Vrincoiaia	9.46 26	Pn	23 53 54.3 +1.4	KHC Kasperske Hory	12.82 338	eSn	Pn	23 54 39.7 +0.9	
CANM Can-anakkale	5.45 60	Pn	23 53 05.9 -6.1	BEHE Bescehely	9.51 343	Pn	23 53 55.3 +1.8	KHC Kasperske Hory	12.82 338	eSn	AMS	AMS	23 54 34.3 -6.9
VTS Vitoshia	5.46 19	Pn	23 52 59.3 +1.2	IZVR Izvorae	9.58 30	Pn	23 53 57.1 +2.6	comp=Z,600nm,8.4s					
VTS Vitoshia	5.46 19	Pn	23 52 59.3 +1.2	ONER Baraj Valea Uz	9.77 23	Pn	23 53 59.0 +1.9	KHC Kasperske Hory	12.82 338	ePn	MLR	MLR	23 54 39.7 +0.9
IVA Berane	5.46 352	Pn	23 52 59.8 +0.8	VLDR Vlastesti	9.95 30	Pn	23 54 02.0 +2.4	KHC Kasperske Hory	12.82 338	Pn	Pn	23 54 40.0 +1.2	
KOME Kolosin	5.49 349	Pn	23 52 59.6 +1.1	TESR Tescani	10.01 24	Pn	23 54 02.2 +1.8	NATI Neve Ativ	12.82 105	Pn	Pn	23 54 35.0 -3.8	
KOME Kolosin	5.49 349	Pn	23 52 59.6 +1.1	comp=E,1.6nm,1.2s				MMML Mount Malkishu	12.93 108	Pn	Pn	23 54 36.8 -3.6	
SOMA Soma-Manisa	5.49 70	Pn	23 53 00.9 +2.4	MPLH Magyarpolny	10.02 347	Pn	23 54 01.2 +2.7	AMAZ Amatzia	12.95 113	Pn	Pn	23 54 37.1 -4.1	
NKME Niksic	5.51 345	Pn	23 53 00.0 +1.3	SABO Sababotin	10.10 330	Pn	23 54 03.8 +2.1	KSHT Kesht	12.98 106	Pn	Pn	23 54 39.8 -3.5	
NKME Niksic	5.51 345	Pn	23 53 00.0 +1.3	SOKA Soboth	10.19 337	ePn	23 54 02.7 -0.2	GAZ Gaziantep	13.00 86	Pn	Pn	23 54 41.9 +0.5	
TRAN Tran	5.54 14	Pn	23 52 59.8 -0.7	OBKA Obir	10.20 334	ePn	23 54 02.7 -0.3	SHMJ Saham	13.06 107	Pn	Pn	23 54 40.2 -2.0	
PLD Plovdiv	5.54 31	Pn	23 53 01.1 +2.0	comp=Z,3.9nm,0.4s				HMHD Nahal Hemdat	13.09 109	Pn	Pn	23 54 37.8 -4.7	
AYDB Zeytinikoy-Aydi	5.57 83	Pn	23 53 00.9 +1.2	OBKA Obir	10.20 334	ePn	23 54 03.0 0.0	ORNJ Al-Qirein	13.09 109	Pn	Pn	23 54 41.6 -0.9	
TREB Trebinje	5.60 340	ePn	23 52 58.2 -1.7	OBKA Obir	10.20 334	ePn	23 54 02.7 -0.3	GOPC GO Pecny, Ondr	13.20 342	AMS	AMS	00 01 00.0	
STEP BALKESIR_Sava	5.65 68	Pn	23 53 02.7 +1.5	comp=E,7.7nm,0.5s				YTCR Yatir	13.22 113	Pn	Pn	23 54 40.3 -4.2	
BRATOGOST Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR105 Keskin Array S	10.22 73	Pn	23 54 04.4 +1.0	DTOR Dobruska-Polom	13.30 347	ePn	Pn	23 54 47.7 +2.3	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR106 Keskin Array S	10.22 73	Pn	23 54 05.5 +2.1	DSI Dead Sea	13.31 112	Pn	Pn	23 54 43.6 -2.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR104 Keskin Array S	10.23 73	Pn	23 54 04.6 +1.0	PRU Pruhonic	13.33 342	AMS	AMS	00 00 40.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 05.9 +2.3	comp=Z,800nm,11.3s					
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	LUBAR Lubur Ukraine	13.40 19	Pn	Pn	23 54 47.8 +1.1	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	MSBI Mazada	13.42 113	Pn	Pn	23 54 45.8 -1.3	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	MSBI Mazada	13.42 113	Pn	Pn	23 54 43.0 -4.1	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	SENIN Lac Senin/Sane	13.46 316	Pn	Pn	23 54 48.8 +1.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	OSTC Ostias	13.52 347	AMS	AMS	00 00 50.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	LISJ El Lisan	13.55 113	Pn	Pn	23 54 46.7 -2.1	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GHAJ Ghor Haditha	13.58 113	Pn	Pn	23 54 46.5 -2.7	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GHAJ Ghor Haditha	13.58 113	Pn	Pn	23 54 45.7 -3.6	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	KRMI Paron Flat	13.63 118	Pn	Pn	23 54 45.2 -0.9	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	PRNI Przan	13.69 119	Pn	Pn	23 54 55.9 -4.9	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	ZFRI Zfiri	13.70 116	Pn	Pn	23 54 49.9 -1.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	ZFRI Zfiri	13.70 116	Pn	Pn	23 54 45.9 -5.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	SLE Schleitheim	13.72 322	ePn	Pn	23 55 02.2 +2.5	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	HRFI Mount Harif	13.89 118	Pn	Pn	23 54 51.0 -2.6	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	HRFI Mount Harif	13.89 118	Pn	Pn	23 54 49.0 -1.6	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	MBRI Mt Bereh	13.95 119	Pn	Pn	23 54 52.4 -2.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	MBRI Mt Bereh	13.95 119	Pn	Pn	23 54 50.4 -4.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	EIL Elat	14.05 119	Pn	Pn	23 54 52.3 -4.8	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	comp=Z,1.9nm,0.3s,baz=349,slow=18,SNR=15					
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	EIL Elat	14.05 119	Pn	Pn	23 57 20.3 -11	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	comp=Z,1.9nm,0.3s,baz=176,slow=23,SNR=5.8					
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	EIL Elat	14.05 119	Pn	Pn	23 54 54.1 -1.6	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	EIL Elat	14.05 119	Pn	Pn	23 54 51.9 -3.9	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GRAT Grafenberg Arr	14.08 333	Pn	Pn	23 54 58.7 +2.7	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GRF Grafenberg Arr	14.08 333	Pn	Pn	23 54 58.7 +2.7	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GRF Grafenberg	14.08 333	Pn	Pn	23 54 59.0 +3.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GRF Grafenberg	14.08 333	Pn	Pn	23 54 59.0 +3.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GRF Grafenberg	14.08 333	Pn	Pn	23 54 59.0 +3.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73	Pn	23 54 06.2 +2.6	GRF Grafenberg	14.08 333	Pn	Pn	23 54 59.0 +3.0	
BRY Bratogost	5.73 342	Pn	23 53 00.7 -1.1	BR131 Keskin Array S	10.23 73								

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes entries like CMAR Chiang Mai Arr, PHRA Son La, E29M Blou River, ULM Lac du Bonnet, H21K Melozitina Rive, etc.

DC 27:00:05.32.9.0.6.37.59N.20.83E, h0km, mb4.2/18, mbmp4.1/29, ML3.7/9, MS3.3/3, Error ellipse: s-maj=13.4km s-min=11.4km az=145.0

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes entries like KRI1 KERI, LTHK Lithakia, LTHK 232um.0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes entries like VLS Valsamata, PSDA Pessada-Kefalo, VSK1 Vasilikiades, etc.

Main table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes entries like GUR Goura, KALE Kalitheia, ANX Ano Chora, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes entries like MDVR Moldovita, ELL Elmal, HERR Herculean, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like AQBj, RNP9, AK07, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NC204, KEF, RAYN, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Azm20.0000, ONAJ, etc.

1745

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like JNTW Noshirotokiva, JOG3 Oga3, JAO Obara, etc.

2018 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PET comp=Z,400nm,5.3s, XLT XLT, HNS HongShan, etc.

27d 0h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GTA Gaotai, QIZ Qiongzong, PZH PanZhiHua, etc.

27d Oh

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Status, Elevation Status, Azimuth Comment, Elevation Comment.

2018 OCT

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Status, Elevation Status, Azimuth Comment, Elevation Comment.

1746

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Drift, Elevation Drift, Azimuth Rate, Elevation Rate, Azimuth Trend, Elevation Trend, Azimuth Status, Elevation Status, Azimuth Comment, Elevation Comment.

I28M	Miner Creek	52.56	31	P	P	00 17 16.8 +1.6
BVCY	Beaver Creek	52.61	35	P	P	00 17 16.7 +1.2
CTG	Chitna Glacier	52.62	37	P	P	00 17 16.8 +1.1
YUK3	Moose Creek	52.90	36	P	P	00 17 19.2 +1.3
E29M	Blow River	52.97	27	P	P	00 17 19.9 +1.9
DAWY	Dawson	53.00	33	P	P	00 17 20.2 +1.9
H29M	Whitestone	53.09	30	Iamb	Iamb	00 17 21.5
H29M	Whitestone	53.09	30	P	P	00 17 21.1 +2.2
G29M	Pine Creek	53.13	29	P	P	00 17 21.1 +1.8
KKAR	Karatay Array	53.20	300	P	P	00 17 19.9 -0.2
KKAR	Karatay Array	53.20	300	P	P	00 17 19.3 -0.8
KKAR	Karatay Array	53.20	300	P	P	00 17 19.3 -0.8
KKAR	Karatay Array	53.20	300	P	P	00 17 19.3 -0.8
I29M	Ogilvie Camp	53.25	31	P	P	00 17 19.5 -0.7
I29M	Ogilvie Camp	53.25	31	P	P	00 17 22.8
I29M	Ogilvie Camp	53.25	31	P	P	00 17 21.6 +1.5
DRK	Karamyk	53.51	296	P	P	00 17 22.3 -0.5
DRK	Karamyk	53.51	296	P	P	00 17 33.7
DRK	Karamyk	53.51	296	P	P	00 17 22.3 -0.5
DRK	Karamyk	53.51	296	P	P	00 17 22.3 -0.5
KNRA	Kununurra	53.56	195	P	P	00 17 22.6 -0.2
KNRA	Kununurra	53.56	195	P	P	00 17 23.4 +0.6
GSI	Gunungsitoli	53.66	239	P	P	00 17 22.9 -0.9
BRLS	Borolday	53.69	300	eP	P	00 17 24.4 +0.6
BRLS	Borolday	53.69	300	eP	P	00 17 24.3 +0.6
M29M	Somme Creek	53.70	35	P	P	00 17 25.5 +1.9
L29M	L29M	53.72	34	P	P	00 17 25.1 +1.4
L29M	L29M	53.72	34	P	P	00 17 27.2
L29M	L29M	53.72	34	P	P	00 17 25.8 +2.1
EPYK	Eagle Plains	53.73	30	P	P	00 17 25.2 +1.6
G30M	Aoah Zraii Nji	53.82	29	P	P	00 17 25.4 +1.0
G30M	Aoah Zraii Nji	53.82	29	P	P	00 17 25.9 +1.6
PNL	Peninsula	53.82	38	P	P	00 17 26.4 +2.0
YUK4	Talbot Arm	53.83	36	P	P	00 17 26.6 +1.9
IUG	Iuzhnay	53.85	299	eP	P	00 17 24.2 -0.8
IUG	Iuzhnay	53.85	299	eP	P	00 17 24.2 -0.8
K29M	Barlow Dome	53.85	33	Iamb	Iamb	00 17 27.7
K29M	Barlow Dome	53.85	33	P	P	00 17 26.1 +1.4
F30M	Barrier River	53.88	28	P	P	00 17 26.8 +2.1
YUK6	Outpost Mounta	54.05	36	P	P	00 17 28.3 +2.0
I30M	Mount Dempster	54.07	31	P	P	00 17 27.8 +1.5
CHM	Chimkent	54.09	300	eP	P	00 17 26.2 -0.5
CHM	Chimkent	54.09	300	eP	P	00 17 26.2 -0.5
O29M	Mount Kennedy	54.09	37	P	P	00 17 30.0
O29M	Mount Kennedy	54.09	37	P	P	00 17 29.1 +2.5
J30M	Hart River	54.22	32	P	P	00 17 29.1 +1.7
M30M	Minto, Yukon	54.43	34	P	P	00 17 30.6 +1.7
HYT	Haines Junction	54.49	36	Iamb	Iamb	00 17 33.0
HYT	Haines Junction	54.49	36	P	P	00 17 31.9 +2.4
N30M	Aishikik Lake	54.54	36	P	P	00 17 31.9 +2.2
G31M	Satah River	54.58	29	P	P	00 17 31.0 +1.2
INK	Inuvik	54.59	27	Iamb	Iamb	00 17 32.0
INK	Inuvik	54.59	27	P	P	00 17 31.0 +1.2
INK	Inuvik	54.59	27	P	P	00 17 31.1 +1.2
MAYO	Mayo, Yukon	54.61	33	P	P	00 17 30.4 +0.2
MAYO	Mayo, Yukon	54.61	33	P	P	00 17 31.7 +1.6
NIL	Nilore	54.65	288	P	P	00 17 31.1 +0.2
NIL	Nilore	54.65	288	P	P	00 17 41.8
NIL	Nilore	54.65	288	P	P	00 17 31.1 +0.2
P29M	Windy Craggy	54.65	38	P	P	00 17 31.5 +1.0
P29M	Windy Craggy	54.65	38	P	P	00 17 34.1
P29M	Windy Craggy	54.65	38	P	P	00 17 31.7 +1.2
F31M	Tsigheitchic	54.68	28	Iamb	Iamb	00 17 32.7
F31M	Tsigheitchic	54.68	28	P	P	00 17 31.6 +1.1
H31M	Peel River	54.78	30	P	P	00 17 32.5 +1.1
P30M	Million Dollar	54.91	37	P	P	00 17 34.4 +1.9
N31M	Braeburn, Yuko	55.15	35	Iamb	Iamb	00 17 37.5
N31M	Braeburn, Yuko	55.15	35	P	P	00 17 36.0 +2.0
O30N	Mendenhall	55.17	36	P	P	00 17 36.0 +1.7
SVE	Sverdlowski	55.28	319	eP	P	00 17 35.4 +0.4
PLBC	Pleasant Camp	55.37	38	P	P	00 17 37.8 +2.1
M31M	Drury Creek, Y	55.60	34	Iamb	Iamb	00 17 39.6
M31M	Drury Creek, Y	55.60	34	P	P	00 17 39.1 +1.7
CHGR	Chuyangaron	55.72	296	P	P	00 17 38.6 0.0
WHY	Whitehorse	55.78	36	P	P	00 17 39.2 +0.5
WHY	Whitehorse	55.78	36	P	P	00 17 40.7 +2.0
SIMJ	Simiganj	55.83	296	P	P	00 17 39.5 +0.1
SKAG	Skagway	55.88	38	P	P	00 17 41.3 +2.0
FARO	Faro, Yukon	56.07	34	P	P	00 17 42.0 +1.3
FARO	Faro, Yukon	56.07	34	P	P	00 17 42.4 +1.7
A36M	Sachs Harbour	56.47	22	P	P	00 17 44.3 +1.0
A36M	Sachs Harbour	56.47	22	P	P	00 17 45.8
A36M	Sachs Harbour	56.47	22	P	P	00 17 44.9 +1.6
N32M	Quiet Lake	56.49	35	Iamb	Iamb	00 17 46.3
N32M	Quiet Lake	56.49	35	P	P	00 17 45.2 +1.5

ARTI	Arti	56.60	319	P	P	00 17 44.1 -0.4
ARTI	Arti	56.60	319	LR	LR	00 41 50.8
ARTI	Arti	56.60	319	d/P	P	00 17 44.2 -0.3
ARTI	Arti	56.60	319	S	S	00 18 34.7
ARTI	Arti	56.60	319	SS	SS	00 28 39.4 +3.8
ARTI	Arti	56.60	319	SS	SS	00 29 23.5 +1.0
FITZ	Atlin	56.61	198	P	P	00 17 45.2 +0.3
P32M	Atlin	56.64	37	P	P	00 17 47.8
P32M	Atlin	56.64	37	P	P	00 17 46.8 +2.0
WBO	Warramunga Arr	56.67	188	P	P	00 17 44.4 -0.9
WBO	Warramunga Arr	56.67	188	Iamb	Iamb	00 17 51.4
CTA	Charters Tower	56.79	175	P	P	00 17 45.7 -0.5
WRAB	Tennant Creek	56.84	188	P	P	00 17 46.1 -0.4
WRAB	Tennant Creek	56.84	188	Iamb	Iamb	00 17 52.6
WRAB	Tennant Creek	56.84	188	P	P	00 17 46.1 -0.4
WRAB	Tennant Creek	56.84	188	P	P	00 17 46.1 -0.4
WRO	Warramunga Arr	56.84	188	Iamb	Iamb	00 17 53.3
WRO	Warramunga Arr	56.84	188	Iamb	Iamb	00 17 53.3
WRO	Warramunga Arr	56.84	188	Iamb	Iamb	00 17 53.3
WRA	Warramunga Arr	56.85	188	P	P	00 17 45.7 -0.9
P33M	Teslin, Yukon	56.89	36	P	P	00 17 47.7 +1.1
P33M	Teslin, Yukon	56.89	36	Iamb	Iamb	00 17 49.7
P33M	Teslin, Yukon	56.89	36	P	P	00 17 48.5 +1.9
MMPY	Sheldon Lake	56.89	33	P	P	00 17 47.6 +1.0
MMPY	Sheldon Lake	56.89	33	P	P	00 17 48.2 +1.6
QIS	Mount Isa	57.10	182	P	P	00 17 47.6 -0.7
KBL	Kabul	57.45	291	P	P	00 17 50.9 -0.3
KBL	Kabul	57.45	291	Iamb	Iamb	00 17 58.2
KBL	Kabul	57.45	291	P	P	00 17 50.9 -0.3
KBL	Kabul	57.45	291	P	P	00 17 50.9 -0.3
Q32M	Nakina River	57.53	38	P	P	00 17 52.7 +1.4
C36M	Paulatuk	57.63	25	P	P	00 17 52.9 +1.3
R33M	Jennings River	58.03	37	Iamb	Iamb	00 17 58.1
R33M	Jennings River	58.03	37	P	P	00 17 56.0 +1.2
ABKAR	Akbulak array	58.04	310	P	P	00 17 54.1 -0.7
ABKAR	Akbulak array	58.04	310	Iamb	Iamb	00 17 55.1
CRAG	Craig	58.24	42	P	P	00 17 57.6 +1.6
WRAK	Wrangell Islan	58.33	41	P	P	00 17 58.8 +2.1
S34M	Telegraph Cree	58.44	39	P	P	00 17 59.5 +2.0
TGNT	Hyland Airport	58.58	34	P	P	00 18 00.3 +1.9
AKTO	Aktyubinsk	58.79	312	LR	LR	00 43 27.1
DLBC	Dease Lake	58.81	38	P	P	00 18 00.8 +0.7
DLBC	Dease Lake	58.81	38	Iamb	Iamb	00 18 03.6
DLBC	Dease Lake	58.81	38	P	P	00 18 02.0 +1.9
DLBC	Dease Lake	58.81	38	P	P	00 18 01.0 +0.9
WTLY	Watson Lake, Y	58.82	36	P	P	00 18 01.9 +1.8
WTLY	Watson Lake, Y	58.82	36	P	P	00 18 01.9 +1.8
V35K	Ketchikan	59.10	42	P	P	00 18 03.7 +1.7
T35M	Bob Quinn	59.22	40	P	P	00 18 05.2 +2.3
WRGLY	Wrigley	60.05	31	P	P	00 18 10.0 +1.6
KIRV	Kirov	60.39	323	LR	LR	00 45 43.5
KIRV	Kirov	60.39	323	d/P	P	00 18 10.5 -0.3
EUNU	Eureka	60.40	9	P	P	00 18 11.1 +0.4
AS31	Alice Springs	60.58	188	P	P	00 18 12.2 -0.3
ASAR	Alice Springs	60.58	188	P	P	00 18 11.8 -0.7
ASAR	Alice Springs	60.58	188	P	P	00 18 12.0 -0.5
SPITS	Spitsbergen Ar	60.72	349	P	P	00 18 13.1 +0.2
SPITS	Spitsbergen Ar	60.72	349	LR	LR	00 45 29.0
TOAD	Toad River Com	60.98	36	P	P	00 18 16.6 +1.6
KOTAN	Kotaneleev Air	61.02	35	P	P	00 18 16.6 +1.5
NOR	Nord	61.26	356	P	P	00 18 21.8 +5.3
HRA	Herat	62.56	294	P	P	00 18 26.9 +0.6
RES	Resolute Bay	62.81	14	LR	LR	00 46 46.5
BELG	Belogorye	63.93	317	LR	LR	00 49 05.1
BELG	Belogorye	63.93	317	d/P	P	00 18 33.9 -0.8
BELG	Belogorye	63.93	317	P	P	00 18 33.9 -0.8
YKA	Yellowknife Ar	64.01	30	P	P	00 18 35.7 +0.7
ARCES	ARCES Array B	64.18	339	P	P	00 18 36.4 +0.2
NEEM	North Greenland	65.74	3	P	P	00 18 45.8 -0.7
DAG	Danmarks Havn	65.98	355	P	P	00 18 47.0 -0.7
MOS	Moscow	67.39	323	eP	P	00 19 01.5 +4.5
OBN	Obninsk	68.24	323	P	P	00 19 01.6 -0.7
STKA	Stephens Creek	68.35	180	P	P	00 19 02.5 -0.7
STKA	Stephens Creek	68.35	180	eP	P	00 19 03.4 +0.3
FORT	Forrest	68.40	32	P	P	00 19 03.7 +0.2
F04A	Makhoch	68.48	48	P	P	00 19 04.8 +0.8
M04A	Amkhachkala	68.56	308	eP	P	00 18 59.3 -5.2
MAK	MAK	69.71	53	P	P	00 21 30.8
MAK	MAK	69.71	53	eP	P	00 20 29.5
MAK	MAK	69.71	53	eSS	SS	00 27 59.3 -6.9
MAK	MAK	69.71	53	eSS	SS	00 32 24.7 -5.0
MAK	MAK	69.71	53	P	P	00 19 13.3
K02D	Williamette Mer	69.39	52	Iamb	Iamb	00 19 10.6 +0.7
MXC	Moxy City	69.40	47	P	P	00 19 13.2 +1.3
KXSB	Camp Six Broad	69.71	53	P	P	00 19 13.3 +1.3
L02F	Cave Junction	69.75	52	P	P	00 19 33.8
C09A	Christman Ranch	69.91	45	P	P	00 19 13.3 +0.4
I05D	Terrebonne, OR	69.97	49	Iamb	Iamb	00 19 15.4
J04A	Umpqua Nationa	70.08	51	P	P	00 19 15.7 +1.4

KHMM	Horse Mountain	70.30	53	P	P	00 19 16.9 +1.3
NEW	Newport	70.30	44	Iamb	Iamb	00 19 16.1 +0.7
NEW	Newport	70.30	44	P	P	00 19 16.1 +0.7
L04D	Klamath Falls	70.50	52	P	P	00 19 17.5 +0.7
YBH	Yreka Blue Hor	70.50	52	P	P	00 19 18.4 +1.7
YBH	Yreka Blue Hor	70.50	52	P	P	00 19 19.2
PINE	Pine Mountain	70.50	50	P	P	00 19 18.4 +1.6
J05D	Fort Rock, OR	70.59	50	P	P	00 19 17.8 +0.4
G08A	Pilot Rock	70.88	47	P	P	00 19 19.6 +0.6
SUMG	Summit	70.89	3			

27D Oh

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like EFP, GUR, KALE, ANX, etc.

ICD 2700:34:07.3:0.9,3:51S:146.87E,h0km,mb4.2/13, mbmp4.3/15,ML2.1/1,MS3.7/25,Error ellipse: s-maj=31.8km s-min=15.4km az=91.0, NEIC 2700:34:08.4:1.9,3:16S:0.05:146.49E:0.10,h10km,1km, mb4.6/22,Error ellipse: s-maj=17.8km s-min=3.8km

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like MANU, PMG, JAY, COEN, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like WRA, SANI, KNRA, EIDS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like AML, UCH, EKS2, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like TKM2, MKAR, AB31, etc.

ICD 2700:49:43.9:1.1,37:67N:20:94E,h0km,mb3.6/6, mbmp3.5/10,ML1.0/2,Error ellipse: s-maj=24.7km s-min=18.3km az=172.0, THE 2700:49:45.1,37:44N:20:76E,h0km,ML3.2/11,Error ellipse: s-maj=1.1km s-min=0.2km az=229.0, ATH 2700:49:45.6,37:44N:20:87E,h13km,3km,ML3.3/6,Error ellipse: s-maj=4.8km s-min=3.3km az=33.0, ISC 2700:49:45.9:1.1,37:46N:0:04:20.88E:0.04,h13km,7km, n39,+18.56,mb3.6/6,lonian Sea

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like LTHK, RTZL, PSDA, etc.

ellipse: s-maj=1.9km s-min=0.9km az=231.0
MCSM 27:00:51.55; 7.0, 5.38 N; 5.2*1E; s, h10km, mb4.2, mB4.2,
MLv4.2, Mw(mBj)3.3

ISC 27:00:51.41; 7.0, 6.37; 53N; 0.03; 20.63E; 0.03, h20km, 2km,
n110, z=207/133, mb3.9/16, 9C-3D, Ionian Sea

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

Main table with columns: PLNA, Plana, VTS, Vitosha, KARP, Karpathos, BOVS, Bovar, IMPER, Imatio, ELND, Elena, GZR, Gura Zlata, VOIR, Arges, VOIR, Muntele Rosu, MLR, Muntele Rosu, MLR, Muntele Rosu, NEHR, Nehou, DOPR, Dopca, BISRR, Bisoca, TURR, Turia, PLOR, Plostina, PLORS, Plostina Array, VRI, Vriocioia, VRI, Vriocioia, MPLH, Magyaryopol, OBKA, Obir, BRTR, Keskin Array B, MOA, Molin, BIOA, Aus Ischl, AUSA, Schwarzloetel, LESA, Davos/Dischmat, DAVOX, Davos, DAVOX, MMAI, Mount Meron Ar, MMAI, Elat, EIL, Eilat, MI28, Midel, AK07, Malin Array Si, AK13, Malin Array Si, AK14, Malin Array Si, AK05, Malin Array Si, AK12, Malin Array Si, AK08, Malin Array Si, KIEV, Kiev, AKASG, Malin Array Be, AKKB, Malin Array Si, ESDC, Seneca Array, MDT, Midel, HFS, Hagfors, EKA, Eskdalemuir, BELG, Belogorovno, FINES, FINESS Array B, NB2, NORSAR Subarra, NOA, NORSAR Array B, AKTO, Aktyubinsk, TORD, Torodi Ar. Bea, ARTI, Arti, ARCES, ARCESS Array B, BVAR, Borovoye Array, DBIC, Dimbokro, BBTS, Babate, KURBB, Kurchatov Arra, MKAR, Makanchi Array, ZALV, Zalesovo Beam, SOMN, Songino Array, PFO, Pinyon Flats O, NEIC 27:00:58.51; 4.0, 9.56; 32N; 0.03; 158.99W; 0.03, h8km, 6km, Error ellipse: s-maj=4.4km s-min=1.7km az=159.0, AEIC 27:00:55:49.9; 2.4, 56; 31N; 0.01; 159.02W; 0.02, h3km, 6km, ML2.7, ML3.0/24(NEIC), Error ellipse: s-maj=2.2km s-min=1.5km az=193.0, Alaska Peninsula

Table with columns: R16K, comp=E, 182nm, 1.2s, IAML, 00 59 48.8, R16K, Pilot Point, 1.49 32, Sg, 00 59 38.0 +0.2, CNBA, Chernabura Isl, 1.53 192, Pn, 00 59 39.2 +0.2, S12K, Chernabura Isl, 1.53 192, Pn, 00 59 18.9 +0.1, S12K, Black Hills, 1.81 252, Pn, 00 59 22.1 0.0, S12K, Black Hills, 1.81 252, IAML, 00 59 47.3, S12K, comp=N, 125nm, 1.0s, IAML, 00 59 48.1, PN7A, Pavlof North-7, 1.89 244, Pn, 00 59 23.4 +0.1, PN7A, Pavlof North-7, 1.89 244, Pn, 00 59 49.5 +0.3, CHIR, Chirikof Island, 1.97 103, Sg, 00 59 52.0 +0.7, PLK4, Chirikof Island, 1.97 103, Sg, 00 59 24.0 -0.3, PLK1, Chirikof Island, 1.99 40, Pn, 00 59 24.0 +0.4, PLK5, Peulik 5, 2.06 34, Pn, 00 59 26.1 +0.7, PLK5, Peulik 5, 2.06 34, Pn, 00 59 54.6 +0.8, CNCT, Contact Creek, 2.60 40, Pn, 00 59 33.0 +0.1, ANTC, Angle Creek, 2.69 44, Pn, 00 59 34.7 +0.5, O14K, Tiguykaiuvit M, 3.19 339, Pg, 01 00 49.4 -1.5, O14K, Tiguykaiuvit M, 3.19 339, IAML, 01 00 39.6, O14K, comp=E, 43nm, 1.0s, IAML, 01 01 44.4, O16K, Kokkok River B, 3.33 8, Pn, 00 59 41.8 -1.0, O16K, Kokkok River B, 3.33 8, IAML, 01 01 26.0, O16K, comp=N, 121nm, 0.9s, IAML, 01 01 26.0, P18K, Big Mountain, 3.69 32, Pn, 00 59 48.2 +0.3, KDAK, Kodiak Island, 3.81 65, Pn, 00 59 51.2 +1.7, O18K, Kodiak Hills, 4.09 28, Pn, 00 59 54.4 +1.1, IDC 27:01:00:00; 2.0, 6.56; 43N; 149.45W, h0km, mb4.6/30, mtBmp4.6/35, ML4.3/5, MS4.0/64, Error ellipse: s-maj=17.8km s-min=10.2km az=24.0, NEIC 27:01:00:00; 9.2, 56; 32N; 0.04; 149.58W, h10km, NEIC 27:01:00:00; 9.2, 56; 32N; 0.04; 149.58W; 0.09, h10km, 1km, mb5.0/415, MLS, 0/67, Mw4.6/28, Mww4.8/61, ML4.8(AEIC), Error ellipse: s-maj=8.6km s-min=7.2km az=112.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn:2.21; M0:4.75; M0:2.54; M0:0.31; M0:5.30; M0:7.17; Fault plane solution: Ms:9.83000x10^15 NP1: 0.261, 130000, 845.82000, 1.15, 700000. NP2: 0.160, 05000, 878.81000, 1.13, 730000. Principal axes: T 10.6471, Pg39.0000, Azm110.0000; N -1.9297, P144.0000, Azm329.0000; P -8.7174, P1g21.0000, Azm217.0000, BUJ 27:01:00:01; 5.6, 39N; 149.24W, h28km, mb4.7/26, mB5.2/11, MS4.9/10, Ms7.4/6/11, NEIC 27:01:00:02; 7.56; 34N; 149.59W, h24km, NEIC 27:01:00:02; 7.56; 04N; 149.41W, h24km, Moment Tensor Solution. Duration: 1s3 Moment tensor: Scale 10^16Nm; Mn:0.78; M0:1.18; M0:0.40; M0:0.15; M0:1.31; M0:1.52; Fault plane solution: Ms:2.26000x10^16 NP1: 0.157, 57000, 875.63000, 1.13, 140000. NP2: 0.262, 41000, 845.02000, 1.20, 54000. Principal axes: T 2.2987, P1g42.0000, Azm109.0000; N -0.0792, P1g41.0000, Azm324.0000; P -2.2194, P1g19.0000, Azm217.0000, MOS 27:01:00:02; 5.0, 6.56; 46N; 149.46W, h25km, mb5.0/44 Error ellipse: s-maj=12.3km s-min=4.7km az=94.0, GCMT 27:01:00:03; 9.0, 6.56; 38N; 0.02; 149.52W; 0.03, h33km, 1km, Mw4.9/102, Moment Tensor Solution. s28, c38; s102, c143; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:0.79; 1.3; M0:1.80; 1.0; M0:1.01; 1.0; M0:2.51; 1.0; M0:2.02; 0.7; M0:1.31; 1.2; Best double couple: Ms:2.86400x10^16 NP1: 0.158, 00000, 878.00000, 1.14, 00000. NP2: 0.255, 00000, 859.00000, 1.14, 00000. Principal axes: T 2.6820, P1g30.0000, Azm113.0000; N 0.3610, P1g36.0000, Azm320.0000; P -0.0460, P1g13.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function AEIC 27:01:00:05; 2.3, 56; 31N; 0.07; 149.46W; 0.10, h12km, 4km Error ellipse: s-maj=10.2km s-min=7.8km az=185.0, BGR 27:01:00:09; 8.7, 02N; 150.19W, h33km, mb4.9, MS4.2, ISC 27:01:00:02; 2.0, 7.56; 39N; 0.05; 149.40W; 0.03, h17km, 3km, n964, z=217/985, mb5.0/276, MS4.0/63, 3AC-22, Gulf of Alaska

27d 1h

Table with columns for station ID, name, elevation, frequency, and various status/position indicators. Includes stations like MID Katmai, KAPH Homer, HOM Katmai, etc.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and various status/position indicators. Includes stations like RC01 Rabbit Creek A, SUCK Sucking Hills, GOAT Goat Mountain, etc.

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Table with columns for station ID, name, elevation, frequency, and various status/position indicators. Includes stations like CUT Chulitna, YKUU Yakutat, M19K Big River Lodg, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Time. Includes entries like S31K, YUK6, L17K, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Time. Includes entries like K27K, J25K, ILAR, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Time. Includes entries like H22K, J14K, K13K, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QUOK, SN07, OK052, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NR1K, NR1K, NR1K, etc.

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

27d 1h

Table with columns: Code, Station Name, Az, El, Time, Res, and various numerical values. Includes stations like ROTZ, PRU, AK21, AK22, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, Time, Res, and various numerical values. Includes stations like SORM, KBA, FUORN, ARSA, BMR, etc.

1756

Table with columns: Code, Station Name, Az, El, Time, Res, and various numerical values. Includes stations like KR11, KR12, KR13, KR14, etc.

IDC 27 01:01:17.2z, 1.37, 47N:20:84E, h0km, mb3.7/10, mbmp3.7/15, ML3.3/2, Error ellipse: s-maj=20.3km s-min=16.7km az=156.0

KRNET 27 01:02:04.9z, 1.42, 14N:76:18E, h19km, mb3.0 NNC 27 01:02:05.7z, 0.62, 18N:76:16E, h0km, mb3.8, mpv3.7, Error ellipse: s-maj=3.6km s-min=1.9km az=178.0

1757

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, CHKK, Chushkaly, etc. Contains station data for 1757.

2018 OCT

Table with columns: CHKK, Chushkaly, Az, Phase, ID, Time, Res, etc. Contains station data for 2018 OCT.

27d 1h

Table with columns: IUG, Boroday, Az, Phase, ID, Time, Res, etc. Contains station data for 27d 1h.

NEIC 27 01:05:18.9±1.3, 34°15'3N, 0°0'04.117°77W:0.01, h10km, 1km, Error ellipse: s-maj=3.0km s-min=1.7km az=92.0

PAS 27 01:05:19.3±1.4, 34°14'N, 0°0'11.777W:0.01, h6km, ML2.9±0.23, ML2.8/38(38), Error ellipse: s-maj=1.6km s-min=1.5km az=147.0, Southern California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Contains station data for 27d 1h.

JMA 27 01:15:51.4±0.2, 44°52'N, 0°7'145'E±1.0, h10km, 1km, CV3.2/33, NEAR KUNASHIRI ISLAND

SKHL 27 01:15:52.3±0.2, 44°40'N, 0°15'50'E, h18km, 2km, mb4.3/5

ISC 27 01:15:50.5±1.5, 44°19'N, 0°05'145'E±0.03, h5km, 13km, n11, c073/20, Hokkaido region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Contains station data for 27d 1h.

27d 1h

Table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res. Contains data for stations like JNSB Nemuroshibetsu, SHO Shikotan, etc.

Beacon status and coordinates: IDC 27 01:27.54:0.1, 5, 37.45N, 20.98E, h0km, mb3.6/7, mtbmp3.5/11, ML2.5/3, MS3.5/1, Error ellipse: s-maj=28.2km s-min=19.8km az=15.0

Main station list table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res. Lists various stations like LTHK Lithakia, PSDA Pessada-Kefalo, etc.

2018 OCT

Main station list table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res. Lists various stations like ANKY Antikythira Is, ANKY Antikythira Is, etc.

1758

Main station list table with columns: Code, Station Name, A° AZZ, Phase ID, Time, Res. Lists various stations like HAPS Han Pijesak, HERR Herculeane, etc.

Table with columns: UPC, Uplink, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like Uplink, Malin Array Si, Kiev, Malin Array Si, etc.

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, SPITS Spitsbergen Arr, etc.

Table with columns: Code, Station Name, Frequency, Power, Phase, ID, Time, Res. Includes stations like GUMO Guam, JGF Kuroka, JOW Kunigami, etc.

Code Station Name Az AZZ Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Code Station Name Az AZZ Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res, ISC. Includes stations like AOPR Arecibo Observ, AOPR Aguadilla, AGPR, etc.

Code Station Name Az AZZ Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res, ISC. Includes stations like SADR Isla Saona, SADR, SADR, etc.

SDD 27 01:45:35.42.6, 20:04N:66:47W, h20km, 530km, MD3.3, ML3.0, MW3.3

ISC 27 01:45:32.2.1.7, 20:11N:0:1:66:02W:0:04, h10km, n22, o182/29, 13C-4D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, AZZ, Phase, ID, Time, Res, ISC. Includes stations like AOPR Arecibo Observ, AOPR Aguadilla, AGPR, etc.

27d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NADR Nagua, SKI Saint Kitts, ANWB Willy Bob, etc.

THE 27 01:47:18.9, 37.41N-20.70E, h0km, 3km, ML3.5/11, Error ellipse: s-maj=3.5km s-min=0.7km az=229.0

ATH 27 01:47:19.5, 37.47N-20.77E, h18km, 1km, ML3.2/7, Error ellipse: s-maj=4.3km s-min=1.4km az=52.0

ISC 27 01:47:18.7, 1.5, 37.44N-0.05, 20.74E-0.07, h14km, 7km, n26, c059/41, Ionian Sea

Main station list for 27d 1h. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KR11 KERI, LTHK Lithakia, PSDA Pessada-Kefalo, etc.

IDC 27 01:56:07.2-0.6, 51.63N-161.36E, h0km, mb4.1/22, mbtmp4.1/25, ML3.8/3, MS3.2/10, Error ellipse: s-maj=16.0km s-min=13.0km az=165.0

KRSC 27 01:56:07.4-2.1, 51.75N-161.44E, h49km, 35km, ML4.5, MOS 27 01:56:08.0-1.0, 51.71N-161.33E, h19km, mb4.6/10, Error ellipse: s-maj=8.7km s-min=3.7km az=106.1

NEIC 27 01:56:08.7-1.3, 51.71N-0.1, 161.4E-0.1, h10km, 1km, mb4.5/25, Error ellipse: s-maj=17.6km s-min=11.4km az=20.0

ISC 27 01:56:10.7-2.3, 51.70N-0.05, 161.36E-0.05, h25km, 16km, n170, c143/185, mb4.4/42, MS3.5/8, 4C-3D, Off east coast of Kamchatka Peninsula

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

2018 OCT

Main station list for 2018 OCT. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDR Sedlovina, PAU Pauzhetka, TUMD Tumrok, etc.

1760

Main station list for 1760. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, MKAR Makanchi Array, etc.

comp=Z,1.0nm,0.6s,baz=40,slow=23,SNR=2.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEIC 27 02:02:30.0, KMPM Mount Pierce, JCC Jacoby Creek, etc.

GUC 27 02:11:02.0, 16:11S:69.66W, h122km, 5km, ML2.4
IDC 27 02:11:08.6, 2.5, 16:39S:69.14W, h213km, 9km, mb3.0/2,
mbmp3.5/3, Error ellipse: s-maj=63.7km s-min=31.2km
az=134.0

ISC 27 02:10:57.9, 1.5, 18.04S:07.69W, h011, h150km, n10,
r154/12, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AP01 Chacalluta, PB11 IPOC Station P, etc.

IDC 27 02:12:12.3, 1.8, 37.65N:20.95E, h0km, mb3.9/5,
mbmp3.8/6, ML3.6/1, Error ellipse: s-maj=61.7km
s-min=25.6km az=116.0

ISC 27 02:12:14.2, 1.4, 37.68N:20.21E, 0.3, h12km, n6, e2512/6,
mb4.0/5, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, HFS Hagfors, etc.

IDC 27 02:20:47.1, 1.1, 37.62N:20.51E, h0km, mb3.8/10,
mbmp3.7/16, ML3.5/5, Error ellipse: s-maj=23.6km
s-min=16.8km az=153.0

ATH 27 02:20:49.7, 37.65N:20.29E, h8km, 1km, ML3.6/13,
Manual Solution by N.Liadopoulos This location:
2020/06/25 05:06:49 ML Amplitudes are expressed in

micrometers. All distances are expressed in degrees
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
VIE 27 02:21:15.6, 40.23N:22.21E, h0km, mb3.7/4
NAO 27 02:21:18.1, 40.23N:22.21E, h10km, mb3.7

ISC 27 02:20:50.3, 0.7, 37.68N:04.20W, 34E:0.04, h21km, 3km,
n40, r153/53, mb3.7/10, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, etc.

ATH 27 02:22:17.8, 37.29N:20.63E, h8km, 1km, ML3.3/13, Error
ellipse: s-maj=2.8km s-min=1.1km az=51.0, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LK2D, GOUR, GUR, etc.

IDC 27 02:24:46.2, 0.7, 19.66S:176.27W, h0km, mb4.2/10,
mbmp4.2/12, ML4.6/2, MS3.8/33, Error ellipse:
s-maj=25.7km s-min=19.4km az=150.0
NEIC 27 02:24:47.5, 2.0, 19.8S:0.2-176.03W:0.09, h10km, 2km,
mb4.5/11, Error ellipse: s-maj=37.3km s-min=13.9km
az=173.0

ISC 27 02:24:47.0, 0.5, 19.7S:0.1-176.00W:0.07, h10km, n68,
r157/140, mb4.3/15, MS3.9/29, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, MSVF Nonsavu, etc.

Table with columns: TXAR, ANMO, PDAR, ILAR, ELIB, CMIG, SNA, SNA, JTS, TIXI, BRTR, GERES, CONA, RONA, WTTA, MOTA, OBKA, DAVA, ABTA, FETA, TORD. Includes station names, coordinates, and various parameters.

ATH 27 02:28:26.4, 37.41N-20.56E, h10km, 2km, ML2.7/13, Error ellipse: s-maj=2.0km s-min=0.5km az=2.0, Greece

Main table for station ATH with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like Goura, Loutraki, Kalavryta, etc.

ATH 27 02:28:26.4, 37.41N-20.56E, h10km, 2km, ML3.1/12, Manual Solution by N.Liadopoulos This location...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like LTHK, PSDA, VLS, etc.

Table with columns: DMLN, DMLN, RLS, FSK, DRO, ITM, EVGI, DRAG, UPR, NYDR, LK2D, TSJK, EFP, KALE, ANX. Includes station names and coordinates.

IDC 27 02:30:17.6, 1.6, 37.56N-20.30E, h0km, mb3.6/4, m-bmt=23.0km az=112.0, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Mount Meron Ar, Hagfros, etc.

IDC 27 02:48:32.2, 1.4, 37.59N-20.43E, h0km, mb3.7/6, m-bmt=3.77, ML3.0/1, Error ellipse: s-maj=37.4km

ATH 27 02:48:34.5, 37.52N-20.35E, h6km, 1km, ML3.3/18, Error ellipse: s-maj=2.0km s-min=0.9km az=50.0

THE 27 02:48:35.2, 37.59N-20.37E, h0km, 5km, ML3.4/11, Error ellipse: s-maj=6.2km s-min=0.9km az=22.0

ISC 27 02:48:36.1, 1.1, 37.57N-20.03, 20.41E, 0.04, h18km, 5km, n45, r1505/74, mb3.7/6, Ionian Sea

Main table for station ATH with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like KERI, LTHK, PSDA, etc.

Table with columns: EFP, ANX, ANX, ANX, ANX, GUR, GUR, GUR, EVR, EVR, EVR, IGT, IGT, IGT, MAKR, MAKR, MAKR, AXAR, AXAR, THL, THL, THL, KEST, HFS, FINES, NOA, TORD, MKAR, ZALV. Includes station names and coordinates.

NAO 27 03:10:11.8, 36.94N-24.39E, h10km, mb3.5, m-bmt=3.6/17, ML2.7/3, Error ellipse: s-maj=18.2km

ATH 27 03:10:21.9, 37.41N-20.34E, h11km, 2km, ML3.6/3, Error ellipse: s-maj=4.4km s-min=2.5km az=56.0

THE 27 03:10:25.3, 37.57N-20.40E, h0km, 6km, ML3.6/9, Error ellipse: s-maj=7.0km s-min=1.3km az=22.0

ISC 27 03:10:23.7, 0.7, 37.52N-20.03, 20.37E, 0.04, h20km, 4km, n62, r1555/80, mb3.8/9, 4C-5D, Ionian Sea

Main table for station ATH with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like KERI, LTHK, PSDA, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Darwin Rock St, Tennant Creek, Warrungarra Arr, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like JAJG Jajag, BANYU, MEEK Meekatharra, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like LYN comp=Z,610nm,15.8s, CN2 Changchun, etc.

27d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, etc. Includes stations like MA2 Magadan, GTA Gaotai, SHL Shillong, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, etc. Includes stations like SII Sitkinak Islan, O16K Kokwok River B, Q16K King Salmon, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, etc. Includes stations like SEW Seward, O22K Cooper Landing, F18K Selawik, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like M24K Tolsona, ZHN Zhinshike, F21K Alatina River, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like E24K Your Creek, H25L Birch Creek, J26L Joseph Creek, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like E28M Babbage River, E28M Babbage River, KBL Kabul, etc.

1773

Table with columns: RLS, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like 'Riosols of Patr', 'Damouliana-K', 'Drossia', 'Fiskardo', etc.

NEIC 27 05:39:34.9, 1.7, 26.97S, 0.04, 27.0E, 0.1, h5km, 2km, mb4.3/4, Error ellipse: s-maj=20.3km s-min=5.9km az=87.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like 'Parys', 'Western Deep L', 'HartRAO', 'Schweizer', etc.

2018 OCT

Main table with columns: LBTB, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like 'Lobatse', 'Boshof', 'Newcastle', 'Dullstroom', etc.

27d 5h

Table with columns: GRAF, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like 'Camdeboo Natio', 'Kacgae', 'Thalolog', 'Somerset East', etc.

27d 6h

Table with columns: WIN, Windhoek, 9.81 294 eP, Pn, 05 41 56.5 -1.1, 05 43 44.4 -3.4, 05 44 53.0

Table with columns: KRI, Karoi, 10.36 15 eP, Pn, 05 42 04.1 -1.1, 05 43 55.6 -5.8, 05 41 59.2 -6.0

Table with columns: TSUM, Tsumeb, 11.42 310 Pn, Pn, 05 42 20.1 +0.4, 05 42 19.8 +0.1, 05 44 18.5 -8.9

Table with columns: SNA, Sanae, 47.74 192 P, P, 05 48 13.9 +0.9, 05 48 15.9, 05 48 14.5 +1.5

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

2018 OCT

Table with columns: RLS, 3jum, 0.7s, S, Sn, 06 10 40.8 +1.3, 06 10 25.5 -0.3, 06 10 40.1 +0.5

Table with columns: RLS, VASILIKIADES, 0.94 358 S, P, Pg, 06 10 27.1 -0.1, 06 10 41.5 +1.0, 06 10 27.3 -0.2

Table with columns: RLS, DRO, 1.00 61 P, P, P, 06 10 27.8 +0.2, 06 10 28.1 +0.9, 06 10 44.4 +0.6

Table with columns: RLS, FSK, 0.99 358 P, P, Pg, 06 10 27.3 -0.2, 06 10 27.8 +0.2, 06 10 28.1 +0.9

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

1774

Table with columns: VSU, comp=Z,33nm,1.1s, pmax, pmax, 06 14 54.8 -2.8, 06 15 12.2 -1.5, 06 15 21.0 -1.3

Table with columns: MOS, Moscow, 21.59 27 eP, P, P, 06 14 54.8 -2.8, 06 15 12.2 -1.5, 06 15 21.0 -1.3

Table with columns: EKA, Esdakaemur Ar, 24.05 326 P, P, P, 06 15 23.1 +0.2, 06 15 24.7 +1.6, 06 15 23.1 -1.6

Table with columns: BELG, Belgogornye, 24.07 43 iP, P, Pmax, 06 15 24.7 +1.6, 06 15 23.1 -1.6, 06 15 22.8 -1.8

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

IDC 27 06:09:49.2±5.2, 15°24'N; 120°73'E, h190km, 52km, mb3.5/12, mbtmp4.0/12, Error ellipse: s-maj=26.0km s-min=14.4km az=63.0

ISC 27 06:09:50.1±1.0, 15°22'N; 120°72.E±0.2, h200km, n13, r0643/13, mb1.8/12, Luzon

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

CMAR Chiang Mai Arr 21.09 282 P P 06 14 19.1 -0.1

KRSR Kearsa Arr 23.02 15 P P 06 14 38.1 +0.4

MJAR Matsushiro Arr 26.32 33 P P 06 15 07.2 -0.3

WRA Alice Springs 37.44 159 P P 06 16 43.9 -0.5

ASAR Alice Springs 40.76 161 P P 06 17 12.4 +0.5

MKAR Makanchi Array 44.82 323 P P 06 17 44.3 +0.1

ZALV Zalesovo Beam 47.71 332 P P 06 18 05.9 -0.6

KURBB Kurchatov Arr 48.93 325 P P 06 18 15.7 -0.3

ARCES ARCESS Array 57.76 339 P P 06 21 24.5 +0.4

FINES FINESS Array B 78.96 331 P P 06 21 31.9 +0.5

HFS Hagfors 85.14 331 P P 06 22 03.5 0.0

NB2 NORAS Subarra 85.91 333 P P 06 22 07.1 -0.3

NOA NORAS Arr B 85.91 333 P P 06 22 07.3 0.0

MOS 27 06:10:03.6±1.5, 37°11'N; 20°45'E, h14km, mb4.5/5, Error ellipse: s-maj=14.9km s-min=6.4km az=71.6

ATH 27 06:10:05.6, 37°37'N; 20°45'E, h8km, 2km, ML3.9/11, Manual Solution by I.Dede This location: 2020/07/03 22:15:17 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

TIR 27 06:10:07.0, 37°50'N; 21°09'E, h17km, 1km, Md4.1, M14.0, NEIC 27 06:10:07.7±2.3, 37°44'N; 07°20'55E±0.08, h10km, 2km, mb4.5/9, Error ellipse: s-maj=11.8km s-min=10.5km az=193.0

THE 27 06:10:09.1, 37°42'N; 20°59'E, h10km, 3km, ML4.0/7, Error ellipse: s-maj=4.3km s-min=0.9km az=20.0

IDC 27 06:10:10.4±1.6, 38°07'N; 21°11'E, h0km, mb3.8/6, mbtmp3.7/11, ML3.3/3, Error ellipse: s-maj=31.6km s-min=20.1km az=21.0

ISC 27 06:10:08.4±0.9, 37°47'N; 0°03'20.61E±0.03, h13km, 6km, n99, r1984/127, mb4.2/13, Ionian Sea

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

IDC 27 06:31:09.6±1.4, 26°36'N; 129°64'E, h0km, mb3.8/6, mbtmp3.8/6, MS3.8/1, Error ellipse: s-maj=54.2km s-min=19.3km az=59.0

JMA 27 06:31:11.7±0.1, 26°44'N; 0°9'129.7E±0.6, h45km, MV3.8/18, NEAR MINAMI-DAITOUJIMA IS

ISC 27 06:31:08.9±1.7, 26°44'N; 0°05'129.73E±0.03, h4km, 11km, n21, r152/33, mb3.8/6, Ryukyu Islands

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

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

JYRO Yoronjima 1.28 297 Op P 06 31 34.0 +0.5

JYRO Yoronjima 1.28 297 Pn P 06 31 49.7 -0.7

JOW Kunigami 1.36 287 Pn P 06 31 35.2 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

JOW Kunigami 1.36 287 Pn P 06 31 35.1 +0.2

JOW Kunigami 1.36 287 Pn P 06 31 50.5 -2.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like RLS, VSK1, FSK, etc.

IDC 27 06:48:54.0.1.4, 37'48N-20'95E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=66.9km s-min=26.2km az=132.0, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like FINES, TORD, KURBB, etc.

IDC 27 06:51:13.0.1.4, 37'64N-20'57E, h0km, mb3.7/5, mbtmp3.6/6, MS3.3/2, Error ellipse: s-maj=46.5km s-min=23.9km az=144.0

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like KRI1, LTHK, PSDA, etc.

SOME 27 06:51:32.7.0.40, 87N-78'70E, h10km NNC 27 06:51:34.0.1.1, 40'91N-78'68E, h0km, mb3.5, mpv3.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like TARG, PRZ, KDJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like MDOK, BOOM, KPKS, etc.

IDC 27 06:55:43.6.1.0, 44'84N-145'57E, h0km, mb3.8/11, mbtmp3.8/12, ML3.6/1, MS4.1/1, Error ellipse: s-maj=29.5km s-min=17.3km az=163.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like YUK, YUK, YUK, etc.

27d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for DJA 27 06:56:27.5-0.3, 3 S 3 12 8 E.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for NNC 27 07:01:52.2-0.7, 52 02 N 74 40 E.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for BVA0 27 07:01:55.2-1.0, 51 97 N 74 47 E.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for BVA0 27 07:01:53.3-1.2, 51 99 N 01 74 23 E.

2018 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for ZALV Zalesovo Beam.

IDC 27 07:13:16.7-1.6, 37 62 N 20 45 E, h0km, mb3.8/5, mbtm3.8/5, Error ellipse: s-maj=49.9km s-min=27.7km az=120.0

ATH 27 07:13:18.7, 37 57 N 20 37 E, h11km, 5km, ML3.4/5, Error ellipse: s-maj=7.0km s-min=2.1km az=33.0

ISC 27 07:13:19.0-1.2, 37 60 N 08 20 44 E, 0.07, h15km, n11, 0542/13, mb3.8/5, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for Lithakia, Pessada-Kefalo, Valsamata, etc.

NEIC 27 07:16:21.3-1.8, 23 35 S 0 1 179 1 E, 0.1, h553km, 8km, mb4.9/70, Error ellipse: s-maj=16.3km s-min=14.3km az=129.0

NOU 27 07:16:21.3, 23 29 S 179 17 E, h560km, ML4.7/92, South of Fiji Islands

IDC 27 07:16:21.0-0.4, 23 28 S 179 12 E, h552km, 4km, mb4.1/17, mbtm3.9/20, Error ellipse: s-maj=11.2km s-min=8.2km az=93.0

MOS 27 07:16:23.6, 3 23 19 S 178 74 E, h557km, mb4.9/19, Error ellipse: s-maj=11.5km s-min=9.5km az=113.2

GCMT 27 07:16:23.0, 3 23 23 S 0 03 178 98 E, 0.03, h566km, 2km, MW5.2/75, Moment Tensor Solution. s75,c104;

ISC 27 07:16:21.3-0.3, 23 29 S 0 04 179 13 E, 0.04, h559km, 3km, h560km, pp-P, N766, 19 07 800, mb4.9/80, 64C-43D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for Tubou, Lakemba, MSVF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for TAVE Taveuni, YSA Yasawairara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for NOUNC Port Laguerre, OUZ Omahuta, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for TCW Tony Channel, QRZ Quartz Range, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for LHI Lord Howe Isla, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for RACZ Rakaia, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for ARMA Armidale, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for CNB Canberra, CAN Canberra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for CTAO Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for CMAA Cobar Meteorol, CMAA Cobar Meteorol, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for COEN Coen, COEN Coen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for WR0 Warramunga Arr, WR0 Warramunga Arr, etc.

Table with columns: Station, Frequency, Mode, Power, Status, etc. Includes stations like WRAB, WRA, WRA, WRA, etc.

Table with columns: Station, Frequency, Mode, Power, Status, etc. Includes stations like Sierra La Lagu, Columbia Colle, Sierra La Lagu, etc.

Table with columns: Station, Frequency, Mode, Power, Status, etc. Includes stations like Middleton Isla, Cooper Landing, N20K, etc.

27d 7h

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like F15K North Star Dit, J20K Nowinta River, GCSA Galen City Sec, etc.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like R33M Jennings River, H20K Yukon River, F23K Avarart Lake, etc.

1778

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like D25K Kavik River, E27K Coleen River, G30M Aah Zraai Nji, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BORU, SOWU, HOMB, SNART, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TANN, MOX, PLN, MODS, etc.

JMA 27 07:21:09.6, 2.0, 44.6N; 0.8, 14.6E, h19km, 1km, m2.724, NEAR KUNASHIRI ISLAND

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

NNC 27 07:28:56.7, 1.7, 49.98N; 78.59E, h9km, 37km, mb3.2, mpv2.8, Error ellipse: s-maj=24.4km s-min=10.7km

ISC 27 07:21:09.9, 1.7, 44.54N; 0.07, 145.67E, h18km, 9km, n9, 0.94515, Hokkaido region

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

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

NEIC 27 07:49:1.0, 1.1, 61.3110N; 0.05, 103.11W; 0.04, h5km, 1km, mb, Lg2.9/12.6, ML2.9/6.4, Error ellipse: s-maj=9.7km

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

TEH 27 07:58:54.6, 29.19N; 56.97E, h80km, ML2.8, OMAN 27 07:58:57.8, 0.1, 28.83N; 56.99E, h10km, mb4.2/3, ml2.7/9

DSN 27 07:58:59.1, 2.28, 47.4N; 57.62E, h10km, ML2.4/8, Error ellipse: s-maj=36.7km s-min=8.9km az=125.0

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

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like BDOQ Bodoqueua, MS, SALV Santo Antonio, CO05 La Serena, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like SUR Sutherland, TSUM Tsumeb, RAR Rarongona, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like PRWZ Pori Road, POWZ Post Office Ro, POWZ POWZ, etc.

27d 9h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like KRI1, LTHK, PSDA, etc.

IDC 27 08:48:10.3; 1.7, 37.49N; 20.37E, h0km, mb3.6/4, mbmp3.6/4, MS3.6/1, Error ellipse: s-maj=57.2km s-min=29.0km az=116.0

Main table for 27d 9h section, listing stations and their parameters. Includes stations like KRI1, LTHK, PSDA, etc.

IDC 27 08:56:40.2; 1.1, 37.61N; 20.38E, h0km, mb3.7/8, mbmp3.7/13, ML1.4/2, MS3.5/2, Error ellipse: s-maj=21.7km s-min=17.8km az=2.0

Table for 27d 9h section, listing stations and their parameters. Includes stations like KRI1, LTHK, PSDA, etc.

2018 OCT

Main table for 2018 OCT section, listing stations and their parameters. Includes stations like DMLN, SMHA, FSK, etc.

1782

Table for 1782 section, listing stations and their parameters. Includes stations like TORO, ARCES, DBIC, etc.

NEIC 27 09:06:30.3; 1.3, 9.02S; 0.10; 115.94E; 0.04, h77km, 7km, mb4.5/26, Error ellipse: s-maj=14.0km s-min=5.3km

DJA 27 09:06:31.0; 0.2, 9.54; 1.116E, h70km, 7km, M4.7/22, mb4.8/13, mb5.2/4, MLV4.7/22, Mw(mb)4.6/4

IDC 27 09:06:30.1; 0.7, 9.06S; 0.05; 115.96E; 0.04, h87km, 7km, n126, 118S/129, mb4.3/28, 4C, South of Bali

Main table for 1782 section, listing stations and their parameters. Includes stations like DNP, SRBI, PLAI, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like CAN, H08S2, H08S3, etc.

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

Table with columns: SHL, SHL, SHL, etc. Includes stations like Shillong, Bokaro, Tadong, etc.

Table with columns: LYN, LYN, LYN, etc. Includes stations like LuoYang, Kota Kinabalu, HongShan, etc.

Table with columns: WMQ, WMQ, WMQ, etc. Includes stations like Urumqi, Wushu, HHC, etc.

Table with columns: AAK, AAK, AAK, etc. Includes stations like Ala-Archa, Ala-Archa, Ala-Archa, etc.

27d 9h

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like CHGR Chuyangaron, CHGR Chuyangaron, CHGR Chuyangaron, etc.

2018 OCT

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like NOVOKHOPORSK, WBO Warramunga Arr, WRA Warramunga Arr, etc.

1784

Table with columns for station code, name, frequency, power, and coordinates. Includes stations like PABE Paberze, KEF Keuruu, BBOO Buckleboob, etc.

1785

Table with 5 columns: ID, Name, Elevation, Date, and Status. Rows include DANMARKS Havn, Saint George I, NIUKLUK, Hotham Inlet, Lookout Ridge, Tukpalearik C, Koyuk River, Baldwin Pennin, Kusivluk Mount, Meade River, Elim, Nanvaranak Lak, Kuna River, Kuna River, Sincilar Lake, Nikolski High, Selawik, Kiwalik Mouta, Etlvluk River, Granite Mouta, Granite Mouta, Ikpikpuk River, Unalakleet, Redstone River, Dali Lake, Kukka Creek, Nigu River, Ghalarucukik Mo, Teshekpuk Lake, Tagagawik, Knifeblade Rid, Anvik River, Eskdalemuir Ar, Eskdalemuir, Eskdalemuir, Ungalak Mouta, Unalaska Valle, Honhosa River, Bethel, Purcell Mouta, Avaraat Lake, Avaraat Lake, Killik River, VABM Dome, VABM Dome, Ayikyav River, Ayikyav River, Ayikyav River, Kuskokwak Cree, Roundabout Mou, Roundabout Mou, Kasigluk River, Iktikilik River, Iktikilik River, Galena City Sc, Owhat River, Tigyuakuiwet M, Alatina River, Alatina River, Iditarod, Iditarod, Nanushuk River, Anaktuvuk Pass, Anaktuvuk Pass, Kwethluk River, Donlin, Anotleneega Mo, Allakaket, John River, Franklin Bluff, Franklin Bluff, Innoko River, Innoko River, Timber Creek, False Pass, Lobatse, Poorman, Poorman, Happy Valley, Happy Valley.

2018 OCT

Table with 5 columns: ID, Name, Elevation, Date, and Status. Rows include Toolik Lake Re, Toolik Lake Re, Nishlik Lake, Naaghedeneel, Talatina, Chandalar, Chandalar, Holitna River, Melozitna River, Melozitna River, Nowitza River, Coldfoot, You Creek, Kavik River, Kokwok River B, North Greenlan, Ishtalitna Cre, Campden Bay, Nushagak Hills, Bananza Creek, Tanana, Telida, Stony River, Nushagak River, White Mountain, Koliganek Bris, Squaw Lake, Squaw Lake, Jago River, Jago River, Klare Creek, Fog Glacier, Lake Minchumin, Farewell, AK, Manley, Manley, Big River Lodg, Yukon River, Castle Rocks, Castle Rocks, Kviachak River, Boshof, Boshof, Pile Point, Christian River, Minto, Yukon-K, Minto, Yukon-K, Bonanza Creek, Chernabura Isl, Purkepile, Chngik Chngik, Styx River, Kokluk Hills, Noodor Dome, Noodor Dome, Bearman Lake, Port Aisworth, Nenana, Nenana, Sheenjek River, Burnt Mountain, Malcolm River, Matcoo River, Contact Creek, Theofare Moun, Mt. Peulik Vol, Birch Creek, FYU, FYU, College, Poken Flat Res, Skwentna, Skwentna, Katmai Hardscr, Summit, Summit, Summit, Summit, Mount Spurr.

27d 9h

Table with 5 columns: ID, Name, Elevation, Date, and Status. Rows include Spurr Chakacha, Borganes, McKinley, Coleen River, Coleen River, Porcupine River, Stokas Point, Chulitna, Oil FI, Eielson Aray, Slope Mountain, Porcupine Dome, Porcupine Dome, Babbage River, Babbage River, Harding Lake, Susitna One, Willow, Susitna Watana, Chirikof Islan, Doyon Strip, Salcha River, Salcha River, Old Crow, Old Crow, Homer, Denali Highway, Blow River, Blow River, Palmer, Rabbit Creek A, Susitna Watana, Shuyak Island, Donnelly Dome, Steamboat Moun, Coal Creek Min, Coal Creek Min, Sawmill, Bradley Lake S, Old Harbor, Sonseca Aray, Cooper Landing, Sachs Harbour, Knik Glacier, Knik Glacier, Independent Ri, Joseph Creek, Kandik River, San Creek, Sand Creek, Paxson, Port Wells, Pine Creek, Tolsona, Glenn, Barrier River, HAARP, Miner Creek, Inuvik, Inuvik, Eagle, Whitestone, Chicken, Chicken, tAoh Zraii Nji, tAoh Zraii Nji, Klutina, Mentsta, Log Cabin Wild, Log Cabin Wild, Eagle Plains, Tsigitchic, Tsigitchic, Oglivie Camp, Chitina, Valde, Satah River, Nabesna, AK, Beaver Creek, Brenner River, Dawson, Middleton Isla, Edge Creek, AK, Edge Creek, AK, Mount Dempster, McCarthy VSAT.

27d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like C36M Paulatuk, H31M Peel River, BVCY Beaver Creek, etc.

SSNC 27 09:22:29.6:1.3, 20:30N x 72:80W, h26km, 16km, MD3.3, ML2.6

SDD 27 09:22:32.2:2.5, 20:08N x 73:09W, h38km, 418km, MD3.3, ML3.0, MW3.3

ISC 27 09:22:28.8:1.1, 20:04N x 0:07:73.02W x 0:03, h10km, n20, e114/28, 11C-5D, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MASC Masc, PAPH Port-au-Prince, QMBU Quimbué, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTBY Guantanamo Bay, SC01 Santiago de lo, GRTK Grand Turk, etc.

NAO 27 09:28:59.0, 36:23N x 23:34E, h33km, mb3.5

ISC 27 09:29:05.2:1.1, 36:9N x 0:22:01E, h10km, n11, e105/8, mb3.74, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANOYA Anoyia, KEST Kesra, MLR Muntele Rosu, etc.

ISC 27 09:30:35.0:1.1, 8:05S x 116:50E, h0km, mb3.9/6, mbmp4.0/8, ML3.6/2, MS3.4/3, Error ellipse: s-maj=35.0km

NEIC 09:30:36.6:1.8, 8:35S, 0:11, 116:38E, 0:03, h10km, 2km, mb4.1/1.1, Error ellipse: s-maj=18.2km s-min=4.2km

DJA 27 09:30:37.0:2.8, 8:5:11'6E, h10km, M4.5/16, mb4.9/4, MB5.8/1, MLV4.3/16, Mw(MB)3.1

ISC 27 09:30:35.9:0.5, 8:22S x 0:06:116.44E, h10km, n45, e123/46, mb4.2/8, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRBI Sarajaga, DNP Denpasar, PLAI Palangpang, etc.

1786

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB Tarrant Creek, WB2 Warranguna Arr, WRO Warranguna Arr, etc.

JMA 27 10:03:49.9:0.2, 44:5N x 0:6:145.7E, 0:09, h18km, 1km, MV2.5/24, NEAR KUJASHIRI ISLAND

SKHL 27 10:03:50.6:0.2, 43:80N x 145:40E, h18km, 3km, mb4.1/3

ISC 27 10:03:48.2:1.9, 44:5N, 0:1:145.61E, 0:05, h14km, 1+6km, n9, e09/46/15, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK 240nm, 0.4s, YUK 550nm, 0.3s, etc.

ISC 27 10:05:57.6:1.6, 37:50N x 20:90E, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=47.6km s-min=28.5km

ATH 27 10:06:00.3, 37:35N x 20:85E, h10km, 3km, ML3.2/9, Error ellipse: s-maj=3.8km s-min=1.1km az=38.0

THE 27 10:06:00.4, 37:41N x 20:88E, h10km, ML3.3/10, Error ellipse: s-maj=1.2km s-min=0.4km az=51.0

ISC 27 10:06:00.4:1.3, 37:41N, 0:05:20.87E, 0:05, h14km, 8km, n29, e09/44, mb3.5/5, Ionian Sea

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

27d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, KKAR Karatay Array, GAR Garm, AAK Ala-Archa, etc.

IDC 27 10:16:01.0; 1.2, 37.46N; 20:80E, h0km, mb3.78, mbtm3.6/12, ML3.8/2, Error ellipse: s-maj=22.3km s-min=19.6km az=177.0

NAO 27 10:16:23.1, 39.45N; 20:18E, h10km, mb3.9, ISC 27 10:16:03.4; 0.8, 37.5N; 0:1; 20:75E; 0:07, h12km, n14, r+14/15, mb3.8/8, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, VAE Valguarnera, AKASG Malin Array Be, etc.

TAP 27 10:26:52.8, 24.00N, 121.68E, h43km, ML3.5, B JMA 27 10:26:52.6; 0.1, 24.0N; 0:5; 12.2E, h44km, rkm, MV3.0/10, TAIWAN REGION

ISC 27 10:26:53.5; 0.9, 24.00N; 0:01; 121.73E; 0:02, h33km, 2km, n155, r+11/283, 2D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like HWA Hwalien, TWD Chiawan, TEYL Yanliu Villag, etc.

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Table with columns: ENA, Nanau, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like ENA Nanau, WHF Huihuan Shan, WHF Wuta, etc.

1788

Table with columns: NSTT, Nanjuang, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like NSTT Nanjuang, WJS Zhuhuan, WJS baz=258, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like STYH, ANP, LONT, TPUB, CHNZ, WRN, RLNB, YOJ, WTK, TWY, CHY, CHY, TWG, TWGB, TWGB, WTCT, TWK, TWK, CHN1, CHN1, SNST, SNST, SGST, SGST, SLGT, SLGT, WSF, WSF, WSL, WSL, ICHU, ICHU, CHN8, CHN8, ECL, SSHA, SSHA, SCST, SCST, SSD, SSD, TSMG, TSMG, PCYT, MASBT, MASBT, TSCK, TSCK, SNJT, SNJT, EAST, EAST, TAW, TAW, TAWH, IRIF, IRIF, SCZT, SLIU, SLIU, LYUB, LYUB, PHUB, PHUB, PHUB, PHUB, VCHM, VCHM, JISG, JISG, MATB, MATB, KNMB, KNMB, MHZO, MHZO.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like XPPS, SXFK, N133, CMWZ, WDFS, SEDS, KEKS, KEKS, BSWZ, BSWZ, TUWZ, TUWZ, TCW, TCW, SNZO, SNZO, BHW, BHW, WEL, WEL, KIKS, KIKS, PLWZ, PLWZ, KHZ, KHZ, KHZ, KHZ, MSWZ, MSWZ, NNZ, NNZ, CAW, CAW, PAWZ, PAWZ, THZ, THZ, THZ, THZ, DUWZ, DUWZ, DUWZ, DUWZ, KIW, KIW, KIW, KIW, MTW, MTW, TRWZ, TRWZ, MRNZ, MRNZ, MRNZ, MRNZ, OGWZ, OGWZ, OGWZ, OGWZ, TKNZ, TKNZ, TKNZ, TKNZ, HMOZ, HMOZ, GWZ, GWZ, MRZ, MRZ, TIWZ, TIWZ, QZ, QZ, QZ, QZ, ANWZ, ANWZ, LTZ, LTZ, OHWZ, OHWZ, PRWZ, PRWZ, AMCZ, AMCZ, BFZ, BFZ, DVHZ, DVHZ, WAZ, WAZ, OKCZ, OKCZ, ANWZ, ANWZ, TSZ, TSZ, OXZ, OXZ, MQZ, MQZ, INZ, INZ, AKCZ, AKCZ, LRHZ, LRHZ, PRHZ, PRHZ, WPHZ, WPHZ, PREZ, PREZ, RACZ, RACZ, KHEZ, KHEZ, NBEZ, NBEZ, MTVZ, MTVZ, DREZ, DREZ, PKEZ, PKEZ, MOCZ, MOCZ, PXZ, PXZ, WNVZ, WNVZ, TRVZ, TRVZ, KRHZ, KRHZ, WRVZ, WRVZ, WHVZ, WHVZ, MAVZ, MAVZ, FVWZ, FVWZ, TUVZ, TUVZ, GOVZ, GOVZ, WACZ, WACZ, NGZ, NGZ, SNVZ, SNVZ, KAHZ, KAHZ, OTVZ, OTVZ, WNVZ, WNVZ, WTVZ, WTVZ, TWVZ, TWVZ, ETVZ, ETVZ, KWHZ, KWHZ, WVZ, WVZ, TMVZ, TMVZ, KRVZ, KRVZ, NTVZ, NTVZ, MCHZ, MCHZ, KATZ, KATZ, RPZ, RPZ, RPZ, RPZ, ARVZ, ARVZ, ARVZ, ARVZ, BKZ, BKZ, BKZ, BKZ, HATZ, HATZ, GCSZ, GCSZ, WATZ, WATZ, HIZ, HIZ, HIZ, HIZ, MRVZ, MRVZ, TMZ, TMZ, KUTZ, KUTZ, TLZ, TLZ, ALRZ, ALRZ, PRVZ, PRVZ, FVZ, FVZ, SNVZ, SNVZ, LBZ, LBZ, PRGZ, PRGZ, URZ, URZ, URZ, URZ, TOZ, TOZ, ODZ, ODZ, ODZ, ODZ, JCCZ, JCCZ, JCCZ, JCCZ, TWVZ, TWVZ, RWGZ, RWGZ, AWAZ, AWAZ, MWKZ, MWKZ, ETAZ, ETAZ, HAZ, HAZ, RVAZ, RVAZ.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WIAZ, MIAZ, WCU, WCU, SYZ, SYZ, OUZ, OUZ, CTZ, CTZ, NEIC, UUSS, PGAZ, BTU, PV05, R19A, PKCU, MTPU, MTPU, MTPU, MTPU, OWUZ, Q16A, Q16A, PV11, SRU, SRU, PV21, MIVCO, EKI, MSU, MVU, MVU, U15A, U15A, PV15, PV15, DBD, TMUT, TMUT, TMUT, TCRU, TCRU, TCRU, TCRU, KNB, KNB, P17A, P17A, P17A, P17A, SNO, SZCU, ZNU, ZNU, WIAZ, NMUT, BCE, P18A, P18A, RCM, RCM, LCM, LCM, CCUT, CCUT, CCUT, CCUT, FLU, ARGU, EMUT, ARUT, MPU, WIAZ, PSUT, S22A, S22A, X18A, X18A, X18A, X18A, RDMU, RDMU, X16A, X16A, X16A, X16A, O20A, O20A, O20A, O20A, JLU, DUG, DUG, DUG, SPR3, SPR3, PRN, PRN, PRN, PRN, W13A, W13A, W13A, W13A, Q12A, Q12A, Q12A, Q12A, SHRP, SHRP, ANMO, ANMO, ANMO, ANMO, TPNV, TPNV, TPNV, TPNV, HUV, HUV, HUV, HUV, PD31, PD31, PD31, PD31.

TAP 27 10:35:03.9, 24:08N, 122:67E, h42km, ML3.8, C
JMA 27 10:35:03.3, 0.2, 24' N, 122:66E, 0.5, h22km, 2km,
MV3.1/13, NW OFF ISHIGAKIJIMA IS
ISC 27 10:35:01.7, 1, 0, 24:02N, 0:02, 122:68E, 0:02, h17km, 5km,
n134, 0:08/258, 3C, Taiwan region

Table of station data for the first section, including columns for station name (e.g., AKASG, L29M), frequency (77.13 319), and various status codes (P, I, A, S).

SOME 27 10:54:25.8, 44°33'N-83°00'E, h25km

NWC 27 10:54:26.9, 3.3, 44°34'N-82°82'E, h163km, mb2.5, mpv2.1, Error ellipse: s-maj=34.9km s-min=8.6km az=118.0

ISC 27 11:18:27.1, 3.0, 44°33'N-01°18'29"E-0.1, h17km, n6, c1951/9, 2C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DJR JarKent, MK31 Makanchi Array, etc.

IDC 27 11:14:53.5, 2.1, 16°45'N-145°84'E, h163km, 20km, mb3.1/7, mbmp3.6/8, Error ellipse: s-maj=27.9km s-min=19.4km az=97.0

NEIC 27 11:14:55.0, 1.6, 16°5N-01°14'55"E-0.1, h175km, 10km, mb4.9/38, Error ellipse: s-maj=28.9km s-min=16.3km az=108.0

ISC 27 11:14:55.0, 0.7, 16°40'N-08°145.6'E-0.1, h175km, n51, c1915/52, mb4.9/27, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, PATS Pohnpel, WB2 Warramunga Arr, etc.

Table of station data for the second section, including columns for station name (e.g., SKT SKT, F20K), frequency (63.01 28), and various status codes (P, I, A, S).

THE 27 11:18:19.7, 37°37'N-20°37'E, h0km, ML3.8/13, Error ellipse: s-maj=1.1km s-min=0.4km az=238.0

IDC 27 11:18:19.0, 37°33'N-20°76'E, h0km, mb4.0/15, mbmp3.8/24, ML3.3/7, MS2.9/1, Error ellipse: s-maj=16.9km s-min=13.9km az=9.0

ATH 27 11:18:21.6, 37°43'N-20°46'E, h6km, 2km, ML3.7/10, Error ellipse: s-maj=3.5km s-min=1.5km az=41.0

ISC 27 11:18:20.7, 1.3, 37°37'N-03°20'52"E-0.03, h6km, 8km, n7, c1934/102, mb4.0/15, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KR11 KERI, LTHK Lithakia, etc.

Table of station data for the third section, including columns for station name (e.g., EFP Efpalio), frequency (1.52 46), and various status codes (P, I, A, S).

IDC 27 11:21:03.6, 1.5, 37°55'N-20°59'E, h0km, mb3.6/8, mbmp3.6/9, ML3.8/1, Error ellipse: s-maj=32.8km

ISC 27 11:05:05.6, 1.1, 37°38'N-01°20'6'E-0.1, h15km, n11, c10482/11, mb3.6/8, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, MLR Muntele Ross, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like LTHK, RTZL, PSDA, Valsamata, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like BOVS, GRUS, BBLB, DIVS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various parameters. Includes stations like JSZI, OFUJ, JAHD, JAH, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YSS, JSS, HHJ, JHJ, JJJ, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like HNS, CIT, YAK, HHC, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GYA, GYA, GYA, QIZ, etc.

1795

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like E18K Tukpahlearik C, B18K Kokolik River, C18K Utukok River, etc.

2018 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, etc.

27d 11h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SEW Seward, PMR Palmer, PMR Palmer, etc.

27d 11h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like MDOK Medeo, J26L Joseph Creek, AAA Alma-Ata, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like M29M Somme Creek, L29M L29M, L29M L29M, etc.

1796

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like ARTI comp=Z,437nm,16.0s, ARTI Arti, ARTI U33K, etc.

Table of astronomical observations for 27d 11h, listing stations like GZR, SRR, KRUC, PRU, etc., and their corresponding data points.

Table of astronomical observations for 2018 OCT, listing stations like CTI, FUORN, DAVOX, etc., and their corresponding data points.

Table of astronomical observations for 1798, listing stations like DRO, ITM, EVGI, etc., and their corresponding data points.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DMLN Damouliana-K, RLS Riolois of Patr, PYL PYLOS, etc.

ICD 27 11:51:50.30, 0.7, 34.42N;135.87E, h63km, 7km, mb3.6/13, mbmp4.0/19, MS3.1/2, Error ellipse: s-maj=14.3km s-min=9.0km az=33.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JNTK Naratenkawa, JHE Heguri, JWY Kouya, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JWT Wachi, JWKM Wakayama-Eunori, JKS Kasai, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like INK comp=Z,2.2nm,1.2s, H31M Peel River, A36M Sachs Harbour, etc.

NOU 27 12:02:10.7, 22.31S-170.05E, h0km, MLV3.5/10, Southeast of Loyalty Islands, Southeast of Loyalty

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, etc.

SCB 27 12:13:14.9, 1.5, 20.79S;66.65W, h255km, 13km, ML4.6/3, MW4.4, Error ellipse: s-maj=8.9km s-min=5.5km az=0.0

NEIC 27 12:13:16.6, 2.5, 20.65S;0.06, 66.67W;0.08, h245km, 7km, mb4.8/136, Error ellipse: s-maj=11.2km s-min=9.1km az=81.0

ISC 27 12:13:15.7, 0.5, 20.63S;0.04, 66.67W;0.04, h242km, 4km, mb3.7, 1328/361, mb4.8/74, 4C, Southern Bolivia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MOCB Mochara, YJA Yavi, AOEVT TarijaAcel, etc.

Table with 4 columns: Call sign, Frequency/Power, Station Name, and Status. Includes MJAR Matsuhiro Arr 153.213, CMAR Chiang Mai Arr 166.267, and various island stations.

IDD 27 12:15:31.3... 7, 19:49S:169.51E, h207km, 5km, mb3.9/17, mtbpm4.4/18, Error ellipse: s-maj=15.6km s-min=10.4km az=129.0

NOU 27 12:15:32.9, 19:47S:169.38E, h200km, mb4.6/30, Vanuatu Islands

NEIC 27 12:15:32.8, 2, 19:55S:0.1x169.5E:0.1, h215km, 8km, mb4.5/35, Error ellipse: s-maj=16.7km s-min=15.5km az=115.0

ISC 27 12:15:31.7, 0.5, 19:47S:0.05:169.44E:0.07, h208km, 4km, mb4.5/35, Error ellipse: s-maj=16/131, mb4.4/35, 7C-2D, Vanuatu Islands

Main station list table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Devils Point, Mare, Loyalty, Mamie plateau, Pines Island, etc.

2018 OCT

Table with 4 columns: Call sign, Frequency/Power, Station Name, and Status. Includes CMB Columbia Colle, SONM Songino Array, SONM Mina Array, HUMO Hull Mountain, WAKR Walker, TROLL Troll, ANtarti, TROLL Mina Array, DSP Deep Springs, DSP Mina Array, NVAR Mina Array, NVAR Sanae, NV11 Sanae, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, J05D Fort Rock, VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, ILAR Eisele Array, ILAR Lajitas Array, TXAR Spitsbergen, BOSA Boshof, ARCES ARCES Array, FINES FINESS Array, NOA NORARS Array, AKASO Malin Array, HFS Hagfors, BRTR Keskin Array, OSTO Ostas, EKA Eskdalemuir, ZVC Zvick, RONA Rosta, CONA Conrad Observa, CKRC Cesky Krumlov, KHC Kasperice, GERES GERES Array, MOA Molin, SOKA Sobotk, KBA Koelnbreinsper, LESA Schwarzste, MYKA Terra Mystica, ABTA Altattersbach, WBTA Wattenberg, MOTA Moosalm, SQT Sankt Quirin, FETA Feichten, DAVA Dava, TORO Torodi Arr, AUGST 27 12:15:40.4, 1.8, 18S:10.11E, h10km, mb4.3/10, ML3.7/4, Error ellipse: s-maj=30.2km s-min=7.2km az=133.6, Northwest of Australia

Main station list table for the 2018 OCT section, continuing from the previous table with similar columns: Code, Station Name, A°, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC.

27d 12h

Table with 4 columns: Call sign, Frequency/Power, Station Name, and Status. Includes AB31 Akbulak array, AB31 Akbulak array, AKTO Aktyubinsk, AKTO Aktyubinsk, NEIC 27 12:29:06.2, GUC 27 12:29:06.0, SJA 27 12:29:06.6, ISC 27 12:29:06.0, Code Station Name, A° AZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Main station list table for the 27d 12h section, continuing from the previous table with similar columns: Code, Station Name, A°, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: SNA, SNAE, SNA, VNA2, VNA3, HOBS2, HOBS1, HOBS3, PMSA, CMAR, PLCA, YKA. Includes station names, coordinates, and other technical details.

IDC 27 13:45:43.51.1, 34.57N:25.43E, h0km, mb3.8/6, mbmp3.7/11, ML3.4/5, MS3.3/4, Error ellipse: s-maj=19.3km s-min=10.1km az=43.0

AFAD 27 13:45:51.0-0.0, 34.67N:25.80E, h54km, ML3.0, ISC 27 13:45:47.1-1.3, 34.68N:0.06-25.32E:0.03, h28km:10km, n67, e203/83, mb3.9/8, MS3.8/3, Crete

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Timbaki Heraki, Anoyia, Zakros, etc.

Table with columns: EIL, AKASA, KBZ, ESCD, HFS, FINES, TORD, ARCES, KURBB, MKAR, ZALV, SONM, ROSC, TEIG. Includes station names, coordinates, and other technical details.

ATH 27 13:53:13.0, 37.41N:20.48E, h11km:2km, ML3.6/10, Manual Solution of K.Orfanogianni! This location: 2020/06/25 17:52:29 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees

ISC 27 13:53:13.6:1.5, 37.746N:0.04-20.55E:0.05, h11km:8km, n33, e073/63, mb3.8/4, Ionian Sea

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KERI, Lithakia, Pessada-Kefalo, etc.

Table with columns: WBSM, WBSM, WORM, WORM, TJR, TJR, BAKC, THC, CCAC, CCAC, TPO, TPO, DTP, DTP, VES, VES, EDW2, EDW2, CW2, WNMW, BTPC, LRMC, LRMC, SRTC, SRTC, ALPC, ALPC, MPI, TOW, TOW, LEOC, LEOC, OSI, WVPW, WVPW, WRVM, WRVM, SPG2, SPG2, JRC2, JRC2, BCW, BCW, BCW, BCW, MFS, MFS, SBB, SBB, CJV, CJV, HYS, HYS, CRG, CRG, JUNH, JUNH, PASC, PASC, GSC, GSC, GSC, GSC, GWY, GWY, GWY, GWY, GRAC, GRAC, ELS, ELS, PMPB, PMPB, DSP, DSP, PHSB, PHSB, WCT, WCT, GMM, GMM, MLAC, MLAC, OMMB, OMMB, MDPB, MDPB, BBGB, BBGB, TPNV, TPNV, TPNV, TPNV, BZNA, BZNA, PFO, PFO, SHPR, SHPR, V12A, V12A, NVAR, NVAR, NV11, NV11, PRN, PRN, PRN, PRN, KVN, KVN, KVN, KVN, EMB, EMB, ESJX, ESJX, ESJX, ESJX, LCMT, LCMT, UCUT, UCUT, U15A, U15A, MTPU, MTPU, ELK, ELK

MOS 27 14:04:41.6, 41.61N:47.85E, h7km, MPVA4.0, AZER 27 14:04:43.1, 41.58N:47.87E, h10km, ml2.6

TIF 27 14:04:44.6, 41.66N:47.79E, h4km:3km, ISC 27 14:04:43.7-0.9, 41.61N:0.01-47.86E:0.02, h7km:7km, n70, e126/136, 2D, Eastern Caucasus

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Bird Springs, Onyx Ranch, Tejon Ranch, etc.

1805

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Banja Luka, Norcia, Mkrakovia, etc.

2018 OCT

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

27d 14h

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

27d 15h

Table with columns for station name, station number, time, and other identifiers. Includes entries like BRTR Keskin Array B, MMAL Mount Neeron Ar, AKASO Main Array Be, etc.

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and other identifiers. Includes entries like HFS Hagfors, FINES FINESSE Array B, KURBB Kurchatov Arra, etc.

NEIC 27 15:00:46.9-1.5, 56.1S; 0.1x27.4W; 0.2, h95km, 6km, mb4.9/21, Error ellipse: s-maj=17.2km s-min=13.1km az=210.0

IDC 27 15:00:47.3-0.6, 56.13S; 27.28W, h99km, 5km, mb4.2/11, mbtmp4.6/12, MS3.4/12, Error ellipse: s-maj=19.4km s-min=11.0km az=67.0

ISC 27 15:00:47.0-0.5, 56.16S; 27.44W; 0.07, h99km, h99km, pp-P, n243, +i333/259, mb4.8/19, 11C-4D, South Sandwich Islands region

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and other identifiers. Includes entries like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

2018 OCT

Table with columns for station name, station number, time, and other identifiers. Includes entries like BDFB Brasilia, GOO2 Mina Guanaco, LVC Limon Verde, etc.

1806

Table with columns for station name, station number, time, and other identifiers. Includes entries like O28M Mount Utson, YUK8 Steele Glacier, G30M Aloh Zraii Nji, etc.

Table with columns: Call sign, Station name, Frequency, Mode, and other details. Includes stations like E24K, TRF, H23K, etc.

AFAD 27 15:11:50.1±0.0, 38°53'N-44°78'E, h7km, mb3.0, ML2.0
AZER 27 15:11:50.9, 38°62'N-44°97'E, h5km, ml2.5
TEH 27 15:11:50.7, 38°54'N-44°89'E, h6km, 65km, ML2.7
ISC 27 15:11:49.3±1.2, 38°50'N-0°03.4±0.87E, h5km, 11km, n24, c1508/37, Turkey-Iran border region

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like ISHB, IMRD, OZAP, etc.

Table with columns: ISRB, Sarab, GDB, etc. Includes station names like Sarab, GEDABAY, Ganja, Qazax, Azerbai, Yardiimli, Lerik.

DJA 27 15:29:57.0±0.3, 3°3'S-4°12'8"E, h10km, M4.0/10, mb4.5/2, ML3.7/10, Ceram Sea

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like NLAI, ALAI, AAI, etc.

IDC 27 15:34:23.1±7.3, 37°50'N-20°65'E, h0km, mb3.7/4, mbmp3.6/5, ML0.3/1, Error ellipse: s-maj=151.2km s-min=27.1km az=49.0

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like LTHK, RTZL, PSDA, etc.

ATH 27 15:34:27.4, 37°37'N-20°67'E, h11km, 2km, ML3.3/6, Error ellipse: s-maj=3.3km s-min=1.0km az=8.0

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like LTHK, RTZL, PSDA, etc.

THE 27 15:34:27.1, 37°42'N-20°63'E, h7km, 1km, ML3.4/7, Error ellipse: s-maj=1.9km s-min=0.8km az=54.0

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like LTHK, RTZL, PSDA, etc.

ISC 27 15:34:25.4±1.2, 37°37'N-0°05.2±0.06E, h15km, n33, c074/50, mb3.8/4, Ionian Sea

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like LTHK, RTZL, PSDA, etc.

Table with columns: PSDA, Pessada-Kefalo, VLS, Valsamata, etc. Includes station names like Pessada-Kefalo, Valsamata, VLS.

DMLN Damoulianiata-K 0.83 350 P Pg S 15 39 02.8 -0.5
DMLN Damoulianiata-K 0.83 350 P Pg S 15 39 14.7 -0.1

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

DRO Drossia 1.06 59 P Pg S 15 39 07.0 -0.6
DRO Drossia 1.06 59 P Pg S 15 39 22.1 +0.7

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

ITM Ithomi 1.12 102 P Pg S 15 39 07.9 -0.8
ITM Ithomi 1.12 102 P Pg S 15 39 23.7 +0.7

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

EVGI Evgi 1.21 4 P Pg S 15 39 09.3 -1.1
EVGI Evgi 1.21 4 P Pg S 15 39 25.9 +0.4

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

FINES FINESS Array B 24.30 6 P P 15 44 03.5 -0.7
FINES FINESS Array B 24.30 6 P P 15 44 03.5 -0.7

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

TORD Torodi Ar. Bea 29.46 220 P P 15 44 52.5 +1.6
TORD Torodi Ar. Bea 29.46 220 P P 15 44 52.5 +1.6

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

NAO 27 15:46:25.5, 37°23'N-22°45'E, h10km, mb4.5
IDC 27 15:46:28.7±1.0, 37°65'N-20°47'E, h0km, mb3.8/12, mbmp3.7/19, ML3.7/5, MS3.3/10, Error ellipse: s-maj=20.2km s-min=15.2km az=161.0

Table with columns: Code, Station Name, Frequency, Mode, and other details. Includes stations like RLS, RLS, RLS, etc.

Manual Solution by A. Androu. This location: 2020/06/24 10:07:31 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

27d 16h

2018 OCT

1810

M4.7750x10^16 NP1.6, 169.00000°, δ83.00000°, λ-19.00000°. NP2.6, 262.00000°, δ71.00000°, λ-172.00000°. Principal axes: T 4.6970, P168.0000°, Azm217.0000°; N 0.1520, P169.0000°, Azm330.0000°; P -4.8540, P19.0000°, Azm124.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 27 16:57:40.4, 65.17N, 151.94W, h33km, mb5.1, Ms4.2

ISC 27 16:57:28.7, 65.26N, 0.01x151.55W, 0.01, h11km, 4km, n937, σ1:85/86.4, mb5.0/178, MS4.3/88, 25C-13D, Northern Alaska

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations like Tanana, Manley, Yukon-K, etc.

Table with columns: Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Lists stations like Wood River Hill, Clear Creek Bu, Kantisna Hill, etc.

Table with columns: Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Lists stations like J25K, WAT1, Denali Highway, etc.

1811

Table with columns: J26L, SPU, MOUNT SPURR, etc. Includes entries like J26L, SCRK Sand Creek, PAX Paxson, etc.

2018 OCT

Table with columns: SPU, MOUNT SPURR, etc. Includes entries like SPU, MOUNT SPURR, KNK Knik Glacier, etc.

27d 16h

Table with columns: C23K, ILLIKIL RIVER, etc. Includes entries like C23K, ILLIKIL RIVER, C24K Frank Bluff, etc.

27d 16h

Table with columns: EYAK, Cordova Ski Ar, 5.42 148, Pn, Pn, 16 58 49.2 -0.2, etc. Lists various locations and their associated data points.

2018 OCT

Table with columns: Q18K, Katmai Hardscr, 6.83 195, P, Pn, 16 59 08.6 -0.2, etc. Lists various locations and their associated data points.

1812

Table with columns: DLBC, comp=E, 3.9nm, 0.3s, baz=224, slow=18, SNR=5.7, LR, LR, 17 05 45.5, etc. Lists various locations and their associated data points.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like TYV Tymoivskoe, SFJD Kangerlussuaq, and many others.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like X40A Basin Creek Fa, COT Chita, and many others.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KURK Kurchatov, KURBB Kurchatov Arra, and many others.

27d 18h

Table with columns: GRF, comp-Z, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like KRLC, MORC, VRAC, STHS, KRUC, GERS, CKRC, GOMU, AAK, BRIU, MOA, CONA, KSV, GUMO, NSLU, SORM, PSZ, WATA, RONA, LESA, WTTA, SQT, DAVOX, KBA, BURAR, ABTA, OBKA, IUG, MILM, MORH, DOPR, KSH, KSH, KSH, VRI, SURRE, PLOR, BZS, BISRR, GZR, VOIR, ARR, BTK, HERR, MDVR, KIV, KIV, KIV, KBZ, KBZ, JTS.

2018 OCT

Table with columns: GYA, GYA, MAK, MAK, BOVS, CHGR, SIMJ, SJG, ESDC, ESDC, AKT, AKT, AKT, PZH, PZH, PZH, PZH, LSA, LSA, BR106, BR106, BR106, BR106, BR104, TNCH, TNCH, TNCH, TNCH, QIZ, QIZ, QIZ, QIZ, SHL, SDV, KEST, KEST, MDT, BAUV, BAUV, PCRV, ROSC, DAV, CMAR, CMAR, PPT, PPT2, PPT2, PPT2, HNR, MSVF, RAR, PMG, TBI, TBI, TBI, TBI, WSAR, RKT, MDP, ATAH, DZM, DZM, BBS, KAPI, RPN, RPN, TORO, BOS, SBA, SBA, GSPA, VNA3, VNA3, VNA2, ELIB. Includes stations like Makhachkala, Bowan, Simigan, San Juan, Sonseca Array, Akhty, PanZhiHua, Keskin Array S, Keskin Array B, Keskin Array S, TengChong, Santo Domingo, Kesra, Puerto La Cruz, El Rosal, Davao City (W), Chiang Mai Arr, Papeete, Papeete, Honiara, Nonsavu, Rarotonga, Port Moresby, Tubuai, Atahualpa, Mont Dzumac, Mont Dzumac, Babat, Kappang, Nana, Rapa Nui, Torodi Arr, Boshof, Scott Base, Scott Base, South Pole, Neumayer Olymp, Neumayer-Watz, Princess Elisa.

1814

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Grant County #, Manchester OK, Caldwell West, Carrier, Argonia South, Caldwell North, Anthony NE Sta, Blackwell, Milan North St, Harper NE Stat, Pawnee Station, West end E0370, E0350 and S346, Sooner Certificate, Quoy, Battle Ridge R, Brethren Rd, Wichita Mounta.

NOU 27 18:02:32.5, 17.01S:167.27E, h0km, MLV3.7/9, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Lakatoro, Devils Point, Koumac, New Ca, Mamie plateau, Mont Dzumac, Port Laguerre.

THE 27 18:09:05.5, 37.59N-20.30E, h6km, ML3.3/9, Error ellipse: s-maj=0.8km s-min=0.3km az=49.0

ICD 27 18:09:13.3, 1.6, 38.07N:22.51E, h0km, mb3.6/4, mbmp3.6/4, MS3.1/1, Error ellipse: s-maj=64.9km s-min=28.8km az=128.0

ISC 27 18:09:03.7, 1.9, 37.53N:0.05:20.24E:0.07, h11km, g9km, n2.1, c123/33, mb3.6/4, Ionian Sea

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Keri, Lithakia, Pessada-Kefalo, Ratzakli, Kefa, Valsamata, Vasilikiades, Fiskardo, Riolos of Patr, Lefkada island, Dragano-Lefkad, Drossia, Tsoukalades, L, Pylos, University Cam, Keskin Array B, Midelt, Finesse Array, Torodi Arr, Beas, Makanchi Array, Zalevo Beam.

ICD 27 18:29:54.7, 1.0, 37.70N:20.45E, h0km, mb3.6/10, mbmp3.6/16, ML2.3/3, Error ellipse: s-maj=19.8km s-min=17.0km az=179.0

THE 27 18:29:57.8, 37.70N:20.43E, h1km, 4km, ML3.5/10, Error ellipse: s-maj=5.0km s-min=0.5km az=227.0

ATH 27 18:29:57.4, 37.65N:20.40E, h8km, 1km, ML3.4/9, Error ellipse: s-maj=2.6km s-min=0.8km az=44.0

ISC 27 18:29:57.2, 1.1, 37.87N:0.04:20.41E:0.04, h14km, 7km, n56, c091/80, mb3.6/10, 3C-3P, Ionian Sea

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Keri, Lithakia, Lithakia, Lithakia, Lithakia.

NEIC 27 18:01:22.5:0.7, 36.81N:0.01:97.79W:0.01, h7km, 2km, ML2.6, ML2.0/33, Error ellipse: s-maj=1.8km s-min=1.2km az=45.0

NEIC 27 18:01:22.4:0.4, 36.81N:0.01:97.80W:0.01, h5km, 2km, Error ellipse: s-maj=1.6km s-min=1.3km az=214.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like PESSADA-KEFALO, RATAZKLI, VALSAMATA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like KERI, LITHAKIA, RATAZKLI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Timpagrande, THESSALONIKI, etc.

MOS 27 18:33:08.71.7, 37.45N-20.64E, h11km, mb4.5/13, Error ellipse: s-maj=8.4km s-min=4.2km az=69.9

27d 18h

Table with columns for station name, time, and other parameters. Includes stations like LPSR Galich'ya Gora, VRH Novokhopovsk, OBN Obninsk, etc.

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Table with columns for station name, time, and other parameters. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

1816

Table with columns for station name, time, and other parameters. Includes stations like FINES FINES Array B, NOA NORSAR Array B, TORD Torodi Ar. Bea, etc.

CATAC 27 18:50:16.0, 14.93N:94.19W, h8km, 5km, MB5.4, m5.0, ML5.0, MEX 27 18:50:17.1, 14.14:88N:94.20W, h15km, MD4.7, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG, CMIG, CCIG, etc.

Table with multiple columns: Station Name, Frequency, Mode, Power, and various technical details. Includes stations like Universidad Ca, TEIG, RCVN, COPN, and many others.

27d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I26K Coal Creek Min, F28M Old Crow, SML Sawmill, KDAD Kodiak Island, etc.

ICD 27 18:54:23.4 ± 1.8, 3°16'N, 122°50'E, h550km, 22km, mb3.0/9, mbmp4.0/10, Error ellipse: s-maj=77.5km s-min=10.7km az=60.0

NEIC 27 18:54:23.6 ± 1.5, 3°20'N, 0°08'122.5E, 0.1, h541km, 8km, mb4.4/24, Error ellipse: s-maj=20.2km s-min=7.2km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, MYLDM Lahad Datu, TMTI Ternate, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like D19K Akbulak array, D19K Kuna River, D19K Kuna River, etc.

NAO 27 19:15:55.8, 35°06'N, 23°92'E, h10km, mb4.3, IDC 27 19:16:16.9 ± 1.2, 37°20'N, 20°96'E, h0km, mb3.8/8, mbmp3.7/11, ML1.1/2, MS3.3/2, Error ellipse: s-maj=22.3km s-min=21.7km az=53.0

BEQ 27 19:16:19.7 ± 0.9, 37°13'N, 20°69'E, h10km, ML3.8/7, ATH 27 19:16:20.1, 37°13'N, 20°67'E, h5km, 1km, ML3.4/9, Error ellipse: s-maj=2.3km s-min=0.9km az=48.0

THE 27 19:16:20.0, 37°19'N, 20°77'E, h0km, 1km, ML3.4/10, Error ellipse: s-maj=2.1km s-min=0.6km az=22.0

ISC 27 19:16:19.3 ± 1.2, 37°13'N, 20°71'E, h17km, gkm, n61, c098/87, mb3.9/8, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, PVL PYLOS, PYL PYLOS, etc.

2018 OCT 1818

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FINES, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

IDC 27 19:20:39.1 ± 1.3, 37°57'N, 20°36'E, h0km, mb3.8/5, mbmp3.7/9, ML1.7/3, MS3.0/1, Error ellipse: s-maj=24.1km s-min=19.8km az=156.0

ATH 27 19:20:42.1, 37°58'N, 20°40'E, h10km, 2km, ML3.3/12, Error ellipse: s-maj=4.2km s-min=1.2km az=45.0

ISC 27 19:20:41.7 ± 0.8, 37°59'N, 0°05'20.38E, 0.04, h15km, n28, c090/34, mb3.9/5, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, VLS Valsamata, etc.

AZER 27 19:27:33.8, 38°50'N, 44°55'E, h3km, ml2.5, TEH 27 19:27:34.9, 38°45'N, 44°48'E, h8km, 368km, ML2.5, ISC 27 19:27:35.9 ± 1.8, 38°50'N, 0°05'44.82E, 0.08, h12km, 12km, c105/25, Turkey-Iran 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.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like GANU, YRD, LRK, etc.

IPEC 27 19:30:23.6:0.2, 51.51N:16.16E, h1km, ML2.6/4, Error ellipse: s-maj=1.7km s-min=1.0km az=28.0

PRU 27 19:30:25.9:0.7, 51.44N:16.09E, h0km, Error ellipse: s-maj=6.9km s-min=3.5km az=32.0, Suspected Mining Induced.

ISC 27 19:30:22.3:0.7, 51.58N:0.03:16.08E:0.02, h0km, n47, +128/86, Poland

Main table for 1819 containing station data for various locations like KSP, CHVC, OSTC, etc.

27 19:31:30.2:1.7, 50:33N:114:55W, h0km, mb2.9/1, mbtmp3.1/3, ML3.5/2, Error ellipse: s-maj=58.1km s-min=17.2km az=69.0, Alberta

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like I56US, PDAR, I10CA, etc.

ISC 27 19:36:58.3:0.5, 35:38N:84:07E, h10km, ML2.9, CATIA 27 19:36:59.1, 35:38N:84:07E, h10km, ML2.9

ISC 27 19:38:46.9:1.4, 8:85N:04:84:04W, h0km, 3km, MW4.3, n35, c054/48, Off coast of Costa Rica

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like IKRK, IKRH, IDHR, etc.

UCR 27 19:38:46.8:0.6, 8:86N:84:06W, h1km, 4km, MW4.0, CATIA 27 19:38:46.8:0.6, 8:86N:84:06W, h1km, 4km, ML3.6

ISC 27 19:40:27.6:0.9, 86:42N:35:35E, h0km, mb3.6/9, mbtmp3.7/12, ML3.5/3, MS3.4/13, Error ellipse: s-maj=28.3km s-min=15.8km az=90.0

FCIAR 27 19:40:33.7, 85:79N:42:32E, h10km, station OMEGA has station magnitude of 3.90 station ZF12 has station magnitude of 3.90

Main table for 2018 OCT containing station data for various locations like OCHAL, EDPN, LLNJ, etc.

ISC 27 19:40:28.6:0.7, 86:26N:07:38:53E:0.07, h10km, n26, c237/22, mb3.7/5, MS3.4/12, North of Franz Josef Land

Main table for 2018 OCT containing station data for various locations like ZF12, OMEGA, KBS, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like ILAR, ARTI, YKA, etc.

ISC 27 19:40:43.3:1.7, 0:28S:121:96E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=235.8km s-min=27.1km az=60.0

DJA 27 19:40:48.0:0.3, 1:52S:12:02E, h10km, M4.0/15, mb4.1/3, mB6.4/1, ML3.9/15, Mw(0.06):6.2/1

ISC 27 19:40:46.3:1.0, 1:37S:0:06E:120:32E:0:06, h10km, n15, c194/15, mb3.5/4, Sulawesi

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like AMPA, MRSA, LUWI, etc.

ISC 27 19:41:20.6:1.0, 1:16S:67:58E, h0km, mb3.9/12, mbtmp3.9/12, MS3.7/15, Error ellipse: s-maj=33.8km s-min=21.0km az=62.0

NEIC 27 19:41:24.1:1.2, 1:05S:0:1:67:47E:0:09, h10km, 1km, mb4.4/13, Error ellipse: s-maj=17.3km s-min=14.2km az=196.0

ISC 27 19:41:23.4:0.6, 1:15S:0:1:67:50E:0:09, h15km, n40, c101/29, mb4.0/16, MS3.7/15, Carlsberg Ridge

Main table for 27d 19h containing station data for various locations like KAAM, MSEY, WSAR, etc.

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

IDC 27.20:12.03.0.0.8, 0.87S; 67.45E, h0km, mb3.7/12, mbmp3.7/12, MS3.9/59, Error ellipse: s-maj=27.0km s-min=20.2km az=73.0

NEIC 27.20:12.06.6.0.8, 0.95S; 0.1; 67.16E; 0.09, h10km, 1km, mb4.4/19, Error ellipse: s-maj=25.6km s-min=14.8km az=167.0

GCMT 27.20:12.07.6.0.2, 1.00S; 02.67; 53E; 0.03, h12km, MW4.9/107, Moment Tensor Solution, s23, c26; s107c146; Duration: 0 Moment tensor: Scale 10^16Nm; M=2.31+0.06; Mw=1.50+0.05; Mo=0.80+0.06; Mo=0.49+0.24; Mw=0.99+0.05; Mw=0.99+0.31; Best double couple: M2.50800x10^16 NP1: 0.31, 77.00000, 658.00000, -1.78.00000; NP2: 0.15, 0.00000, 634.00000, -1.78.00000; Principal axes: T 2.4050, Plg12.0000, Azm38.0000; N 0.1990, Plg10.0000, Azm130.0000; P -2.6110, Plg74.0000, Azm259.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27.20:12.05.6.0.7, 1.05S; 01.67; 53E; 0.1, h15km, n81, s113/31, mb4.1/20, MS3.9/60, Carlsberg Ridge

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

IDC 27.20:13.38.0.5.7, 3.7S; 52N; 20.55E, h0km, mb3.7/4, mbmp3.6/6, ML4.2/2, Error ellipse: s-maj=96.1km s-min=33.5km az=35.0

ISC 27.20:13.41.9.4.3, 3.77N; 0.4; 20.7E; 0.3, h15km, n6, c0577/6, mb3.7/4, Ionian Sea

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

IDC 27.20:18.47.8.0.9, 4.34N; 126.89E, h0km, mb4.0/12, mbmp4.0/12, MS3.8/3, Error ellipse: s-maj=65.5km s-min=14.1km az=69.0

DJA 27.20:18.55.3.1.0, 4.19N; 127.7E, h21km, 4km, M4.2/12, mb4.3/8, mb4.9/3, MLV4.2/12, Mw(mb)4.2/3

ISC 27.20:18.53.4.0.7, 4.27N; 0.10; 126.8E; 0.1, h35km, n22, c086/20, mb4.0/12, MS3.7/3, Talaud Islands

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

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

IDC 27.20:12.03.0.0.8, 0.87S; 67.45E, h0km, mb3.7/12, mbmp3.7/12, MS3.9/59, Error ellipse: s-maj=27.0km s-min=20.2km az=73.0

NEIC 27.20:12.06.6.0.8, 0.95S; 0.1; 67.16E; 0.09, h10km, 1km, mb4.4/19, Error ellipse: s-maj=25.6km s-min=14.8km az=167.0

GCMT 27.20:12.07.6.0.2, 1.00S; 02.67; 53E; 0.03, h12km, MW4.9/107, Moment Tensor Solution, s23, c26; s107c146; Duration: 0 Moment tensor: Scale 10^16Nm; M=2.31+0.06; Mw=1.50+0.05; Mo=0.80+0.06; Mo=0.49+0.24; Mw=0.99+0.05; Mw=0.99+0.31; Best double couple: M2.50800x10^16 NP1: 0.31, 77.00000, 658.00000, -1.78.00000; NP2: 0.15, 0.00000, 634.00000, -1.78.00000; Principal axes: T 2.4050, Plg12.0000, Azm38.0000; N 0.1990, Plg10.0000, Azm130.0000; P -2.6110, Plg74.0000, Azm259.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27.20:12.05.6.0.7, 1.05S; 01.67; 53E; 0.1, h15km, n81, s113/31, mb4.1/20, MS3.9/60, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO, MAW, KSRs, etc.

IDC 27.20:13.38.0.5.7, 3.7S; 52N; 20.55E, h0km, mb3.7/4, mbmp3.6/6, ML4.2/2, Error ellipse: s-maj=96.1km s-min=33.5km az=35.0

ISC 27.20:13.41.9.4.3, 3.77N; 0.4; 20.7E; 0.3, h15km, n6, c0577/6, mb3.7/4, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES, AKASA, HFS, etc.

IDC 27.20:18.47.8.0.9, 4.34N; 126.89E, h0km, mb4.0/12, mbmp4.0/12, MS3.8/3, Error ellipse: s-maj=65.5km s-min=14.1km az=69.0

DJA 27.20:18.55.3.1.0, 4.19N; 127.7E, h21km, 4km, M4.2/12, mb4.3/8, mb4.9/3, MLV4.2/12, Mw(mb)4.2/3

ISC 27.20:18.53.4.0.7, 4.27N; 0.10; 126.8E; 0.1, h35km, n22, c086/20, mb4.0/12, MS3.7/3, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI, KMSI, MRSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RES, TORO, etc.

NOU 27.20:20.23.7, 13.28S; 174.89E, h0km, mb4.2/6, Fiji Islands Region, Fiji Islands region

ISC 27.20:21.53.0.1.1, 4.14S; 02.44; 6E; 0.2, h10km, n11, s129/8, mb3.7/6, Crozet Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA, LBTB, SNAA, etc.

ISC 27.20:24.25.6.0.9, 35.32N; 44.64E, h17km, 30km, ML3.3

ISC 27.20:24.25.6.0.9, 35.32N; 44.64E; 0.05, h10km, n19, s120/24, Iraq

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IKRK, SDS1, etc.

NAO 27.20:43.47.9.33; 43N; 21.16E, h10km, mb4.5

IDC 27.20:44.19.6.0.9, 37.31N; 20.51E, h0km, mb3.8/12, mbmp3.7/21, ML3.6/3, MS3.2/9, Error ellipse: s-maj=17.9km s-min=14.9km az=15.0

THE 27.20:44.23.7, 37.41N; 20.48E, h0km, 3km, ML3.7/9, Error ellipse: s-maj=3.4km s-min=1.0km az=229.0

ATH 27.20:44.25.7, 37.46N; 20.55E, h6km, 1km, ML3.6/11, Error ellipse: s-maj=1.8km s-min=0.9km az=50.0

NEIC 27.20:44.25.7, 37.52N; 0.07; 20.45E; 0.07, h10km, 2km, mb4.6/12, Error ellipse: s-maj=12.1km s-min=8.2km az=209.0

MED_RC 27.20:44.25.0.9, 37.37N; 20.41E, h20km, 2km, MW4.2/7, Moment Tensor Solution, Mantle waves: s;7,c; Duration: 1s0 Moment tensor: Scale 10^15Nm; Mw, 3.6+0.3; Mw=2.12+0.5; Mw=1.24+0.4; Mw=0.01+0.31; Mw=0.85+0.15; Mw=0.35+0.25; Best double couple: M3.01000x10^15 NP1: 0.31, 77.00000, 647.00000, -1.84.00000; NP2: 0.29, 0.00000, 647.00000, -1.84.00000; Principal axes: T 3.5200, Plg85.0000, Azm10.0000; N -0.7500, Plg4.0000, Azm302.0000; P -2.6400, Plg2.0000, Azm12.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

BEO 27.20:44.32.9.0.9, 37.30N; 21.32E, h0km, ML3.5/8

ISC 27.20:44.23.8.1.1, 37.42N; 0.03; 20.45E; 0.03, h16km, 7km, n135, s154/160, mb3.8/15, MS3.2/6, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KR11, LTHK, etc.

Table of astronomical observations for 27d 21h, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for 2018 OCT, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for 1822, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table with columns: LK02, AML, AML, 21 24 46.2, etc. Includes various station names like LK02, TSKoukalades, L, KALavryta, Ach, etc.

Table with columns: LTHK, Lithakia, 0.27 54 P, Pb, 21 42 23.5 -0.5, etc. Includes various station names like LTHK, Lithakia, Ratzakli, Kefalo, etc.

Table with columns: ZAGS, Zajecar, 6.38 11 ePn, Pn, 21 43 52.0 +1.7, etc. Includes various station names like ZAGS, Zajecar, Divis, Truska, etc.

Code Station Name Az AZ Phase ID Time Res
KRI1 KERI 0.23 61 P S 21 42 22.7 -0.8
KRI1 52um,0.5s

IDC 27.21:44:06.0:1.6:51.60N*175:42W, h0km, mb3.8/4,
mb1mp3.8/6, ML3.7/2, MS3.1/1, Error ellipse: s-maj=56.7km
s-min=21.8km, az=177.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes station names like GSMY, GSKC, GSKO, etc.

27d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Killik River, Salcha River, Ayikyak River, etc.

IDC 27 21:47.14.0.2, 9.22'40S, 171.68W, h0km, mb4.1/4, mbtm4.2/4, Error ellipse: s-maj=138.5km s-min=44.5km az=153.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mont Dzumac, Stephens Creek, Alice Springs, etc.

IDC 27 21:48.24.4.8.8.36'47N:20.18E, h0km, mb3.7/5, mbtm3.7/6, ML0.9/1, Error ellipse: s-maj=177.9km s-min=27.2km az=37.0

ISC 27 21:48:22.4.5.8.36'11N:07.19.8E.0.4, h10km, n6, c1955/7, mb3.9/5, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Anoyia, Hagfors, Norsar Array B, etc.

ATH 27 21:52:33.8.7.23'23N:20.80E, h8km, 1km, ML3.4/15, Error ellipse: s-maj=2.9km s-min=1.0km az=44.0

IDC 27 21:52:35.7.1.2.37'51N:20.47E, h0km, mb3.7/8, mbtm3.6/10, ML3.6/11, MS3.1/1, Error ellipse: s-maj=24.9km s-min=20.8km az=93.0

THE 27 21:52:39.1.37'45N:20.34E, h3km, 46km, ML3.5/7, Error ellipse: s-maj=46.5km s-min=1.5km az=35.0

ISC 27 21:52:33.0.0.7.37'26N:0.04:20.82E:0.04, h10km, n52, c1542/61, mb3.8/8, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KERI, Lithakia, Makanchi Array, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ithomi, Valsamata, Drossia, etc.

1824

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YNE, YMP, LOHW, etc.

1825

Table with columns: Code, Station Name, Time, Res. Includes stations like MMAL Mount Meron Arr, LESA Schwalzeola, KBA Koelbreinspre, etc.

UTC 27:22:03:30.1=4.5,5,77S:147.77E,h187km,49km,mb3.2/2, mbtmp3.8/4,MS3.6/1, Error ellipse: s-maj=93.3km...

Table with columns: Code, Station Name, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

UTC 27:22:05:50.3=0.5,20.5S:173.55W=0.07,h10km,n51, o=167/43,mb4.3/15,MS3.8/6, Tonga Islands

Table with columns: Code, Station Name, Time, Res. Includes stations like NIUE Niue, MSFV Nonsavu, RAR Rarotonga, etc.

UTC 27:22:09:57.0=0.3,2S:3.3=12.0E, h10km,M4.2/14,mb4.3/3, MLv4.1/14,Sulawesi

Table with columns: Code, Station Name, Time, Res. Includes stations like APSI Ampana, SPSI Sidrap Palu, LUWI Luwuk, etc.

2018 OCT

Table with columns: BRTR Keskin Array B, Keskin Array B, etc. Includes station codes and times.

UTC 27:22:08:59.8=0.1,3.37:60N:20.55E,h0km,mb3.9/6, mbtmp3.9/7,ML3.6/1,MS2.6/1, Error ellipse: s-maj=26.0km...

Table with columns: Code, Station Name, Time, Res. Includes stations like LTHK Lihakia, PSDA Pessada-Kefalo, etc.

UTC 27:22:11:08.3=1.2,9.4:38N:84.43W,h20km,3km,MV3.5, CATAC 27:22:11:08.1=0.7,9.4:1N:84.38W,h5km,4km,ML3.6

Table with columns: Code, Station Name, Time, Res. Includes stations like BITO Garabito Jaco, BITO Naranjito, etc.

UTC 27:22:11:08.7=1.1,9.47N:103.84:39W=0.03,h22km,3km, n63,+1936/80, Costa Rica

Table with columns: Code, Station Name, Time, Res. Includes stations like TCS1 Tacares, LUPE Guadalupe, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like RYSTA Santa Teresita, MTEVE Monteverde, etc.

27d 22h

Table with columns: DRKO Durika, DRKO Durika, etc. Includes station codes and times.

UTC 27:22:03:43.5=5.2,36.38N:71.06E,h170km,47km,mb3.4/8, mbtmp3.8/13,MS3.0/1, Error ellipse: s-maj=38.2km...

UTC 27:22:05:53.4=4.7,37.12N:71.18E,h222km,48km,mb2.8, mpv4.1, Error ellipse: s-maj=41.8km s-min=31.8km...

UTC 27:22:02:47.2=1.1,36.70N:0.009:71.08E=0.10,h200km,n28, o=179/33,mb3.5/7,7C=3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, etc.

UTC 27:22:21:08.3=1.2,9.4:38N:84.43W,h20km,3km,MV3.5, CATAC 27:22:11:08.1=0.7,9.4:1N:84.38W,h5km,4km,ML3.6

Table with columns: Code, Station Name, Time, Res. Includes stations like AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

UTC 27:22:21:21.2=1.2,37.66N:20.58E,h0km,mb3.6/6, mbtmp3.5/11,ML3.1/3, Error ellipse: s-maj=21.6km...

Table with columns: Code, Station Name, Time, Res. Includes stations like KR11 KERI, LTHK Lihakia, etc.

27d 23h

Table with columns: VLS, comp=N, AML, AML, 22 38 52.8, etc. Lists various stations and their parameters.

STR 27 22:43:52.8±0.5, 43°N, 4°E, h3km, MLV2.5/20, Error ellipse: s-maj=0.0km s-min=0.0km az=3.9, preliminary

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

2018 OCT

Main table with columns: EPF, Sg, Pp, 22 44 02.8 +0.3, etc. Lists station names like Ste Jean, Oroz-Betelu, etc.

1826

Table with columns: LAJAS, L'Hospitalet-d, 2.80 64 Pn Pn, etc. Lists station names like Les Rejaudoux, etc.

IDC 27 22:48:51.9±1.8, 3°22'N, 124°45'E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=219.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

IDC 27 23:03:09.9±1.0, 13°05'N, 144°24'E, h75km±10km, mb3.8/16, mbtmp4.1/16, MS3.3/4, Error ellipse: s-maj=19.7km

NEIC 27 23:03:11.2±0.9, 12°95'N, 09°144.3'E, h78km, gkm, mb4.2/20, Error ellipse: s-maj=17.8km s-min=13.2km az=91.0

ISC 27 23:03:12.0±0.4, 13°06'N, 07°144.4'E, h100km, n53, a1918/50, mb4.0/23, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names.

Table listing stations like SSSLB Suanglung, COEN Coen, HNR Honiara, etc. with columns for Code, Station Name, and various parameters.

ICD 27.23:14.22,1.0, 37.64N:20.52E, h0km, mb3.79, mbmp3.8/14, ML1.8/3, MS3.1/3, Error ellipse: s-maj=21.1km s-min=17.2km az=135.0

Table listing stations like KERI, LITHAKIA, PSADA, etc. with columns for Code, Station Name, and various parameters.

Table listing stations like LEFKADA island, DRAGANO-LEFKAD, etc. with columns for Code, Station Name, and various parameters.

ICD 27.23:30.45,1.4, 37.56N:20.73E, h0km, mb3.777, mbmp3.7/10, ML0.9/2, MS2.9/1, Error ellipse: s-maj=24.3km s-min=20.3km az=127.0

Table listing stations like LITHAKIA, PSADA, VLS, etc. with columns for Code, Station Name, and various parameters.

comp=E,0.6nm,0.3s

ICD 27.23:31.29,0.8, 7.22,23S:170.61E, h82km,55km,mb3.6/4, mbmp3.9/5,ML4.0/1,MS2.7/3, Error ellipse: s-maj=108.1km s-min=61.2km az=171.0

NOU 27.23:32.15, 7.22,21S:166.29E, h0km, MLv2.0/5, New

ISC 27.23:122.1, 2.22,23S:02.171,0E:02, h35km, n18, mbmp3.9/17, mb3.9/4, Southeast of Loyalty Islands

Table listing stations like MARE, LOYALTY, PINNACLES, etc. with columns for Code, Station Name, and various parameters.

JSO 27.23:35.02, 32.63N, 35.56E, h2km, ML2.0/18, GLI 27.23:35.01, 5.0, 32.845N:001.35,561E:0.001,h4km, Mw1.1 confirmed, Dead Sea Region

Table listing stations like SPIR, KEFAR NAHUM, AMIAD, etc. with columns for Code, Station Name, and various parameters.

28d Oh

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like VLS Valsamata, LXRA Lixouri, PYL PYLOS, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like BOJST Bojanci, CRES Cresnevje Ost, ARSA Arzberg, etc.

1828

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like FAKI Fak Fak, SBUM Sibu, BATI Baumenta, etc.

IDC 28 00:02:06.2: 1.2, 6:96S: 145:52E, h0km, mb4,0/4, mbmp4,0/6, ML2,9/2, MS3,0/1, Error ellipse: s-maj=39.2km

ISC 28 00:02:1.3: 1.1, 7:05S: 0:145:4E-0.2, h35km, n7, r059/07, mb4,3/3, Near south coast of New Guinea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

RSNC 28 00:06:27.1: 0.0, 10'N, 1:7'3W, h119km, 2km, M3,1, mb3,8, mB4,5, ML2,8, Mw(MB)3,6

FUNV 28 00:06:35.9: 9:56N: 72:35W, h5km, MW3,5, ISC 28 00:06:24.7: 1.4, 10:09N: 0:04:73, 13W: 0.04, h134km, 14km, n35, z244/62, 2C, North Colombia

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CRJC Cerrejon, ARGC Arguani, OCAC Ocana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DBBC Dabeiba, CAPC Capurgana, SPBC San Pablo de B, HELC Santa Helena, MAPV Macapao, NORC Norcasia, CBOC Ciudad Bolivar, BAUV El Baul, GUYCZ Guyana, CHIC Chingaza, PTGC Puerto Gaitan, PLMC San Jos del P, ORTC Ortega, PRAC Prado, BCIP Isla Barro Col, CACV CAICARA DEL OR, MTDJ Mount Denham.

Table with columns: STKA, InKA, AUMBR, LCRK, BBOO, BBOO, OOD, MUGA, WRO, ASOI, ASAS, ASAR, WRA, WRA, WRA, KDU, MTN, FITZ, SOEI, SOEI, BATI, SANA, PSAO, PSAO, KLB, WAO, MORW, LUWI, LUWI, PLAI, TOL2, TOL2, MYLD, MYLD, QSPA, QSPA, KKM, KKM, UGM, MJAR, MAJO, ADK, SBUM, LEM, NIKH, KSM, KSM, KSM, UNV, PEAO, PEAO, PETK, PETK, KSRS, SPIA, CHGN, ESJX, USRK, USRK, OOD2, AFB, BELA, R17L, R18K, WAKR, Q17K, MDJ, MDJ, MDJ, KDAK, KDAK, NVAR, NVAR, Q18K, N14K, P17K, O16K, TPH, M13K, Q20K, Q19K.

Table with columns: N15K, P18K, O17K, MAW, M14K, J05D, M15K, N16K, O18K, O18K, H04A, H04A, L14K, L14K, M16K, M16K, M16K, O19K, CNPM, CNPM, R11B, R11B, HOM, K13K, N18K, TUC, L15K, BRSE, N19K, L16K, M17K, K15K, K15K, I07A, SEW, M18K, J14K, L17K, N20K, SPCR, KULM, KULM, GAMB, L18K, M19K, R10K, L19K, M20K, PWL, SUA, SUA, G08A, J16K, RPSI, RPSI, PSI, GLI, SKT, EYAK, L20K, TTA, TTA, KNK, PMR, SIT, V35K, U33K, I17K, GHO, J18K, ANM, SML, M23K, CUT, GSI, BMRM, MESA, PPLA, SCM, SCM, KLU, K20K, S32K, WRAK, CRQE, H16K.

NOU 28 00:06:38.6, 20.39S:177.81W, h521km, mb4.7/55, Fiji Islands Region

NEIC 28 00:06:38.2, 19.20S:177.80W, 0.1, h51km, 56km, mb4.6/85, Error ellipse: s-maj=17.2km s-min=14.8km az=130.0

IDC 28 00:06:39.2, 1.1, 20.36S:177.90W, h537km, 11km, mb3.9/20, mbmp4.8/21, Error ellipse: s-maj=12.7km s-min=9.5km az=140.0

ISC 28 00:06:38.8, 0.3, 20.35S:177.86W, 0.06, h534km, mb24.0/95/627, mb4.6/66, 43C-35D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LKBA Tubou, DGTI Dogotaki, MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, FUTU Futogata, LUWI Futogata, NIUE Niue, FUNA Funafuti, FUNA Funafuti, DVP Devils Point, PINNC Pines Island, LIFNC LIFOU, VLAKA Lakatoro, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, NOUC Port Laguerre, KOUNC Koumac, KOUNC Koumac, KUZ Kouatunu, HAZ Te Kaha, MKAZ Mounakai, AWAZ Awहितu Peninsu, RUGZ Raukumara Rang, RUGZ Puketiti, TRZ Tauranga, KMRZ Kaimai, TOZ Tahuroa Road, TOZ Tahuroa Road, MWZ Matawai, URZ Urewera, URZ Urewera, URZ Urewera, HRRZ Handcock Road, PRRZ Plateau Road, PRGZ Paritu Road, PRGZ Arah, RAHZ Arah, MRHZ Matea Rd, WHHZ Waihua, WHHZ Hauri, RAHZ Rangitukia, ARHZ Argoapanui, BKZ Black Stump Fm, BKZ Black Stump Fm, TMVZ Te Maari, ETVZ East Tongariro, MCHZ McNeill Hill, MCHZ Kaweka Forest, KWHZ Kaweka Forest, WNVZ Wahianoa, WNVZ Wahianoa, KRHZ Kereru, KRHZ Kereru, KAHZ Kahuranaki, KAHZ Kahuranaki, BFZ Birch Farm, BFZ Birch Farm, TCW Tory Channel, THZ Topohouse, THZ Kahutara, INZ Inchbonnie, RPZ Rata Peaks, WHZ Wether Hill Ro, TWH Toowoomba 1 Ha, EIRZ Eidsvoll, ARMA Armadale, ARMA Armadale, CTAO Charters Tower, CTAO Charters Tower, CMAA Cobar Meteorol, QLP Quilpie, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, MTSU Mount Surprise, TOO Toolangi, COEN Coen, COEN Coen, STKA Stephens Creek, STKA Stephens Creek.

Table with columns: STKA, InKA, AUMBR, LCRK, BBOO, BBOO, OOD, MUGA, WRO, ASOI, ASAS, ASAR, WRA, WRA, WRA, KDU, MTN, FITZ, SOEI, SOEI, BATI, SANA, PSAO, PSAO, KLB, WAO, MORW, LUWI, LUWI, PLAI, TOL2, TOL2, MYLD, MYLD, QSPA, QSPA, KKM, KKM, UGM, MJAR, MAJO, ADK, SBUM, LEM, NIKH, KSM, KSM, KSM, UNV, PEAO, PEAO, PETK, PETK, KSRS, SPIA, CHGN, ESJX, USRK, USRK, OOD2, AFB, BELA, R17L, R18K, WAKR, Q17K, MDJ, MDJ, MDJ, KDAK, KDAK, NVAR, NVAR, Q18K, N14K, P17K, O16K, TPH, M13K, Q20K, Q19K.

Table with columns: N15K, P18K, O17K, MAW, M14K, J05D, M15K, N16K, O18K, O18K, H04A, H04A, L14K, L14K, M16K, M16K, M16K, O19K, CNPM, CNPM, R11B, R11B, HOM, K13K, N18K, TUC, L15K, BRSE, N19K, L16K, M17K, K15K, K15K, I07A, SEW, M18K, J14K, L17K, N20K, SPCR, KULM, KULM, GAMB, L18K, M19K, R10K, L19K, M20K, PWL, SUA, SUA, G08A, J16K, RPSI, RPSI, PSI, GLI, SKT, EYAK, L20K, TTA, TTA, KNK, PMR, SIT, V35K, U33K, I17K, GHO, J18K, ANM, SML, M23K, CUT, GSI, BMRM, MESA, PPLA, SCM, SCM, KLU, K20K, S32K, WRAK, CRQE, H16K.

28d Oh

Table with columns for station ID, name, elevation, azimuth, distance, and other parameters. Includes stations like PNL Peninsula, G15K Niukuk, J19K Poornan, etc.

2018 OCT

Table with columns for station ID, name, elevation, azimuth, distance, and other parameters. Includes stations like M29M Somme Creek, M29M comp=Z, 6.5nm, 0.8s, R33M Jennings River, etc.

1830

Table with columns for station ID, name, elevation, azimuth, distance, and other parameters. Includes stations like TOLK Toolik Lake Re, D23K Nanushuk River, F26K Sheviek River, etc.

1833

Table with columns: Station, Frequency, Mode, Signal, SNR, etc. Includes stations like Changchun, BinXian, Phrae, Beijing, Kunming, Xian, etc.

2018 OCT

Table with columns: Station, Frequency, Mode, Signal, SNR, etc. Includes stations like HeiHe, Baotou, Lanzhou, Gaotai, Chita, Ulanaabaatar, etc.

28d 0h

Table with columns: Station, Frequency, Mode, Signal, SNR, etc. Includes stations like Zalesovo Array, Zalesovo Beam, Zalesovo Beam, etc.

28d Oh

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like AFDM Forest Hills D, LTY Mina Array Be, NVAR comp=2.1, 1.9m, 0.8s, baz=253, slow=6.7, SNR=1.333, etc.

2018 OCT

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like OJC Ojcow, HOPE Hope Point, PLCA Paso Flores, etc.

1834

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like CZSB Cruzeiro do Su, LPAZ La Paz, CPUP Villa Florida, etc.

1835

Table with columns for station name, frequency, and signal strength. Includes stations like MLR Muntele Rosu, VRI Vrincoiaia, TURR Turia, etc.

2018 OCT

Table with columns for station name, frequency, and signal strength. Includes stations like BURAR Bucovina Ar. S, KIS Kishinev, TSCST Constanta Port, etc.

28d 0h

Table with columns for station name, frequency, and signal strength. Includes stations like VTS Vitosha, MUKU Mukachevo, BOVS Bovan, etc.

28d Oh

2018 OCT

1836

Table with columns for station name (e.g., SEV, KAND, HRT), frequency (e.g., 5.29, 5.32), power (e.g., 99), and various status indicators (e.g., Sm, Pn). The table lists numerous stations and their operational parameters across the entire page.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LESA, ABTA, GUMA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GRF, GRF, GRC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HNTI, TASI, NATB, etc.

28 Feb

Table with columns for station name, frequency, power, and other technical details. Includes stations like LFF, HMNX, HMNX, CEST, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like EQTA, ARCES, ARCES, etc.

1838

Table with columns for station name, frequency, power, and other technical details. Includes stations like HRA, HRA, HRA, etc.

1839

Table with columns: ARQ, Araqi, 33.04, 122, P, P, 00 44 32.9 +0.8, etc. Lists various stations and their frequencies.

2018 OCT

Table with columns: TDK, comp=Z,115nm,1.3s, pmax, pmax, 00 44 58.6 +0.4, etc. Lists stations with technical specifications.

28d 0h

Table with columns: WMQ, comp=Z,820nm,11.1s, LR, LR, 00 45 54.5 +1.7, etc. Lists stations with 28-day and 0-hour data.

28d Oh

Table with columns for station call signs (e.g., LZH, GBN, BTO) and their corresponding data points (e.g., comp=E,340nm,7.6s, LR LR, 58.40 304 P IAmB).

2018 OCT

Table with columns for station call signs (e.g., HNS, RUDU, SEY) and their corresponding data points (e.g., comp=Z,63nm,1.4s, 63.52 187 IAmB).

1840

Table with columns for station call signs (e.g., SNY, D20K, C17K) and their corresponding data points (e.g., baz=354, Shenyang, 65.96 54 P Pmax).

1841

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like Windhoek, SADO Sadowa, KOOLE Kule, etc.

2018 OCT

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like K29M Barlow Dome, HDA Harding Lake, NHAM Northam, etc.

28d 0h

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like ULM, ULM ULM, ULM ULM, etc.

28d Oh

2018 OCT

1842

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like M16K Timber Creek, CRQE Cirque, R33M Jennings River, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like JTM comp=Z,164nm,1.2s, DLV Lat, Q18K Katmai Hardscr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CHNA Chernabura Isl, K30B Basset, MYKOM Kota Tinggi, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CAM01 Campos-RJ, ARAG Araguaiana, TUC Tucson, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CTAO Charters Tower, COYC Coyhuate, BBOO Buckleboo, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like GTOI Gorontalo, DCPH Dipolog City, SCPH Surigao, etc.

28d 1h

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and station details like HFS Hagfors, NOA NORSTAR Array B, TXAR Lajitas Array, TORD Torodi Ar. Bea.

IDC 28 01:21:06.3z.2.5, 30.68N-114.23W, h0km, mb3.41, mblmp2,9.5, ML2.74, MS3.71, Error ellipse: s-maj=4.1km s-min=11.8km az=28.0

ECX 28 01:21:07.4z.0.3, 30.68N-114.34W, h20km, 5km, ML3.9

MEX 28 01:21:08.1z.0.9, 31.04N-114.41W, h6km, 10km, MD4.2

ISC 28 01:21:06.4z.1.1, 30.74N-114.37W, 0.03, h13km, 9km, n27, c201/45, 2C-5Z, Gulf of California

Main table of station data for the 28d 1h period, listing stations like San Felipe, Puerto Peasco, San Luis Gonzaga, El Chinerero, San Pedro Mart, Pinacate, San Quintin, Valle De La Tr, Puerto Libertad, La Primavera, Mexicali, Baha de los, Tijuana, San Francisqui, Bahia Kino, Pinyon Flats, Tucson, Nacozari, Sono, Albuquerque, Mina Array Bea, Lajitas Array, Elieison Array, Puerto La Cruz.

RSNC 28 01:22:00.7z.0.8, 10.1N-84.7W, h0km, M3.8, mb4.9, mb4.5, ML3.3, Mw(m)4.2, MwMwp5.0, Mwps.3

FUNW 28 01:22:01.7z.9, 98N-69.84W, h4km, MW4.0

ISC 28 01:22:00.4z.1.7, 10.02N-84.6985W-0.03, h12km, 13km, n38, c173/53, Venezuela

Continuation of station data table, listing stations like Santo Domingo, Macapao, Jacura, Socops, El Baul, Beln, Aruba, Machiques, Uribia, Colomb, Tcata, FUNVIS, Curjeon, Guaj, Capacho, Ocana, Pamplona, Tame, Arauca, CAICARA DEL OR, Ariguani, Magd, La Rusia, San Jacinto, ZARC, PUERTO BERRIO, San Pablo de B, San Jos de Ur, Puerto Gaifan.

2018 OCT

Table of station data for 2018 OCT, listing stations like CHIC Chingaza, NORC Norcasia, HELC Santa Helena, ROSC El Rosal, CVER Cruz Verde, APAC Apartado, Vilc Villavicencio, GUY2C Guyana, CBOC Ciudad Bolivar, PRAC Prado, URMC La Uribe, ORTC Ortega, PLMC San Jos del P.

IDC 28 01:29:36.2z.1.6, 37.62N-20.22E, h0km, mb3.6/5, mblmp3.7/5, Error ellipse: s-maj=50.9km s-min=28.3km az=121.0

ATH 28 01:29:37.8z.37.46N-20.47E, h9km, 3km, ML3.1/7, Error ellipse: s-maj=4.0km s-min=1.0km az=13.0

THE 28 01:29:38.1z.37.47N-20.50E, h0km, 2km, ML3.2/11, Error ellipse: s-maj=2.6km s-min=0.7km az=227.0

ISC 28 01:29:36.1z.6, 37.45N-20.04Z, 0.05, h9km, 9km, n33, c097/52, mb3.8/5, Ionian Sea

Main table of station data for the 2018 OCT period, listing stations like KERI, LTHK, RTZL, PSDA, VLS, RLS, DRO, PYL, EVGI, NYDR, MKAR, ZALV, RAOL, RAO, RAOI, LKBA, MSVF.

Table of station data for the 2018 OCT period, listing stations like MSVF Nonsavu, YSA, DGTI, NIUE, NIUE, NIUE, MARNC, PINNC, PINNC, OUZ, OUZ, YAFNC, GRZ, ONTNC, ONTNC, DZM, DZM, DZM.

IDC 28 01:29:36.2z.1.6, 37.62N-20.22E, h0km, mb3.6/5, mblmp3.7/5, Error ellipse: s-maj=50.9km s-min=28.3km az=121.0

ATH 28 01:29:37.8z.37.46N-20.47E, h9km, 3km, ML3.1/7, Error ellipse: s-maj=4.0km s-min=1.0km az=13.0

THE 28 01:29:38.1z.37.47N-20.50E, h0km, 2km, ML3.2/11, Error ellipse: s-maj=2.6km s-min=0.7km az=227.0

ISC 28 01:29:36.1z.6, 37.45N-20.04Z, 0.05, h9km, 9km, n33, c097/52, mb3.8/5, Ionian Sea

Continuation of station data table for the 2018 OCT period, listing stations like Raukumara Rang, Puketiti, Tahuroa Road, Kaimai, Tawharepareare, Urewera, Urewera, Mawatawai, Carnagh Station, Handcock Road, Murupara, Rimuhau, Tolley Road, Rakatana, Lakatoro, Shannon Station, Paritu Road, Mangataniwha, Arah, Kohoku, Waikura, Haurangi, Mahia Peninsula, Rangitukia, Rihia Road, Kawataniwha, Black Stump Fm, Black Stump Fm, Black Stump Fm, Aropoanui, Keokac, New Ca, North Tongariri, Te Maari, Taurewa, East Tongariri, West Tongariri, Ngauruhoe, Otutere, Ngauruhoe, South Ngauruhoe, McNeill Hill, Far West T-bar, Kawataniwha, Whangahau Hut, Turoa, Vera Road, Wahianoa, Mowhango, Cape Snapper, Kereru, Kahuranaki, Kahui Hut, Palmer Road, Tokareu, Takaparu Road, Porangahau, Dannevirke, Birch Farm, Birch Farm, Mangaitioko R, Moikau Station, Toy Channel, South Karori, Baird Head, Quartz Range, Quartz Range, Palliser, Kahuta, Luleslemba Tem, Tokareu, Inchbonnie, Rata Peaks, Rata Peaks, Rata Peaks, Dannevirke, Jackson Bay, Otaua Downs, Aligeege Malai, Honiara, Honiara, Honiara, Honiara, Colbar Heesol, Charters Tower, Charters Tower, Quilpie, Mount Surprise, Stephens Creek, Stephens Creek, Stephens Creek, Stephens Creek, Stephens Creek, Stephens Creek.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like COEN, HTT, LCRK, QBS, BBOO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like BLYC, HSG, NVAR, TPNV, KVN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like KIRV, ARCES, BELG, BELG, KMB0, etc.

IDC 28d1:40:18.3r, 1.3, 3.7, 55N:20:48E, h0km, mb3.8/10, mtbpm3.7/13, ML3.4/3, Error ellipse: s-maj=27.1km s-min=22.5km az=126.0 RTZL THE 28d1:40:22.2, 37.53N:20:37E, h1km, 2km, ML3.4/5, Error ellipse: s-maj=2.7km s-min=0.7km az=218.0 ATH 28d1:40:22.4, 37.60N:20:42E, h10km, 3km, ML3.4/7, Error ellipse: s-maj=4.5km s-min=1.5km az=43.0 ISC 28d1:40:19.9r, 1.6, 37.53N:0.05:20:38E:0.05, h10km, 9km, n42, 0973/58, mb3.8/10, Ionian Sea

28 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LXR1, DMLN, SMHA, VASILIKIADES, Fiskardo, etc.

IDC 28 01:53:44.6:1.1, 24.93N:125.86E, h0km, mb3.6/7, mbtmp3.6/8, ML3.0/1, Error ellipse: s-maj=31.0km s-min=21.2km az=71.0

JMA 28 01:53:48.0:2.25 N:125.8E:0.9, h32km, 1km, MV4.0/13, NEAR MIYAKOJIMA ISLAND

JMA Feil J1 at NEAR MIYAKOJIMA ISLAND, ISC 28 01:53:48.1:1.3, 24.87N:125.79E:0.06, h23km, 10km, n28, r1806/33, mb=6.7, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOGS, JIMJ, JIMJ, JIKM, etc.

IDC 28 01:54:39.8:0.9, 34.23N:78.26E, h0km, mb3.7/12, mbtmp3.7/16, ML3.2/3, Error ellipse: s-maj=27.8km s-min=15.5km az=58.0

ISC 28 01:54:45.2:0.9, 34.30N:78.4E:0.1, h35km, n16, c098/17, mb3.7/11, Kashmir-Xizang border region

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK, AAK, MKAR, MKAR, KURBB, etc.

ATH 28 02:18:29.9, 37.42N:20.51E, h9km, 1km, ML3.4/11, Manual Solution by Dede This location: 2020/06/25

08:15:03 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km, Longitude uncertainty: 2 km

THE 28 02:18:29.9, 37.42N:20.51E, h0km, 4km, ML3.4/5, Error ellipse: s-maj=4.6km s-min=1.2km az=237.0

IDC 28 02:18:30.3:5.7, 37.87N:20.99E, h0km, mb3.7/5, mbtmp3.7/6, ML0.3/1, Error ellipse: s-maj=116.5km s-min=26.5km az=53.0

ISC 28 02:18:30.6:1.4, 37.48N:20.58E:0.05, h16km, 8km, n37, c099/49, mb3.5/5, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KR11, KR11, LTHK, LTHK, etc.

TAP 28 02:21:37.8, 24.10N:122.66E, h35km, ML3.2, C, JMA 28 02:21:37.8:0.2, 24.1N:122.6E:0.5, h26km, 3km, MV2.6/13, NW OFF ISHIGAKIJIMA ISLAND

ISC 28 02:21:37.4:1.0, 24.03N:122.64E:0.02, h31km, 10km, n86, c097/147, Taiwan region

1846

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EAHA, EAHA, EWUT, EWUT, etc.

Table with columns: WHYT, Xinyi Township, 1.67 259 P Pn, 02 22 06.0 +1.5, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes PGC 28 02:29:02.0...1.3, 48.86N:129.54W, h10km, ML3.1/16, Mw3.7/16, 255km southwest of Pt. Hardy, BC Vancouver Island, Canada Region, Vancouver Island region.

Table with columns: VLS, Valsamata, 0.82 12 P Pg, 02 33 51.1 +0.5, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes IDC 28 02:25:21.4...1.5, 37.45N:20.57E, h0km, mb3.7/7, m10p3.7/8, ML3.4/1, Error ellipse: s-maj=36.6km.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes IDC 28 02:33:35.4...1.1, 37.40N:20.65E, h0km, mb3.7/5, m10p3.5/8, ML 1.5/2, Error ellipse: s-maj=72.5km.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes NAO 28 02:52:10.5...35.26N:21.12E, h10km, mb3.9, IDC 28 02:52:25.9...0.7, 37.27N:20.85E, h0km, mb3.9/13, m10p3.8/22, ML3.3/9, MS2.9/2, Error ellipse: s-maj=16.0km, s-min=1.5km, az=162.0.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like DRO Drossia, AXS Araxos, VSK1 Vasilikiades, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like CKRC Cesky Krumlov, MMAI Mount Meron Ar, KHC Kasperke Hory, etc.

CNR 28 03:05:01.9, 37.66N: 16.98W, h92km
MDD 28 03:05:09.7, 1.1, 37.61N: 16.22W, h15km, 21km, Mb4.5/7,
m_mb4.0/7, Error ellipse: s-maj=23.6km s-min=6.7km
az=83.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like PMPST Porto Santo, M, PMAR Madeira, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like PCBR, PVIS Viseu, PBAR Barrancos, etc.

SOME 28 03:20:33.6, 41.82N: 83.53E, h5km
NMC 28 03:20:35.7, 1.1, 41.80N: 83.41E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=8.6km s-min=4.3km az=150.0
ISC 28 03:20:36.5, 2.4, 41.9N: 0.1, 83.38E: 0.07, h10km, n29,
c=277/46, 3C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like SHLS Shalkode, PDGK Podgornoye, UZB Uzunbulak, etc.

Code	Station Name	Δ^a	AZ ^b	Phase ID	ISC	Time	Res	ISC
Code	Station Name	Δ^a	AZ ^b	Phase ID	Op	Time	Res	ISC
MAKZ	7.3nm,1.1s							
MAKZ								
CHKK	6.2nm,0.8s	5.08	295	eP	Pg	03 22 09.4	-4.3	
CHKK	Chuskiakaly							
CHKK	0.6nm,0.1s							
KTBS	5.8nm,0.3s	5.24	292	eP	Pg	03 22 14.8	-2.0	
KTBS	Karatohe							
KTBS	1.8nm,0.5s							
MTBS	20nm,0.7s	5.28	286	eP	Pg	03 22 13.7	-3.8	
MTBS	Matube							
MTBS	0.8nm,0.1s							
KST	6.0nm,0.2s	5.60	284	Pg	Pb	03 22 17.2	+2.9	
KST	Kastek							
KST	2.1nm,0.5s							
KST	8.7nm,1.6s	5.60	284	eP	Pg	03 22 20.6	-3.0	
KST	Kastek							
KST	1.3nm,0.2s							
KST	12nm,0.7s							
ZSN	Zaisan	5.64	10	Pg	Pg	03 22 20.8	-3.6	
ZSN	Zaisan							
ZSN	3.5nm,0.6s							
ZSN	14nm,1.0s	5.64	10	eP	Lg	03 22 20.8	-3.6	
ZSN	Zaisan							
ZSN	3.5nm,0.6s							
ZSN	14nm,1.0s							
KRBS	Karabastua	5.94	290	Pg	Pg	03 22 25.9	-4.2	
KRBS	Karabastua							
KRBS	1.2nm,0.7s							
KRBS	3.7nm,0.5s							
KRBS	Karabastua	5.94	290	eP	Pg	03 22 25.9	-4.2	
KRBS	Karabastua							
KRBS	1.2nm,0.7s							
KRBS	3.7nm,0.5s							

BE0 28 03:24:08.7,0.8,37.03N,19.89E,h0km,ML4.2/8
 IDC 28 03:24:13.7,0.6,37.50N,20.48E,h0km,mb4.1/1.8,
 mbmp4.0/29,ML3.4/8,MS3.1/2,Error ellipse:
 s-maj=1.1km s-min=1.1km az=145.0
 MOS 28 03:24:13.4,1.3,37.44N,20.30E,h12km,mb4.5/15,Error
 ellipse: s-maj=8.9km s-min=3.6km az=70.7
 THE 28 03:24:14.8,37.43N,20.35E,h0km,ML4.0/15,Error
 ellipse: s-maj=1.2km s-min=0.4km az=234.0
 NEIC 28 03:24:15.9,2.6,37.47N,0.07,20.37E,0.08,h10km,1/1km,
 mb4.5/17,Error ellipse: s-maj=11.6km s-min=10.0km
 az=190.0
 MED_RC 28 03:24:16.0,0.9,37.44N,20.36E,h2km,2km,MW4.3/6,
 Moment Tensor Solution,Mantle waves: s6,c6; Duration:
 1s0 Moment tensor: Scale 10¹⁵Nm; M₁-4.34±1.65;
 M₂-3.28±.86; M₃-1.96±.89; M₄-0.40±.34; M₅-1.90±.21;
 M₆-0.01±.54; Best double couple: M₁-4.23000±1015
 NP1: $\phi_1=129.00000^\circ, \delta_1=67.00000^\circ, \lambda_1=86.00000^\circ$; NP2:
 $\phi_2=315.00000^\circ, \delta_2=63.00000^\circ, \lambda_2=95.00000^\circ$; Principal axes: T
 4.3700, P1g86.0000°, Azm344.0000°; N -0.2700,
 P1g3.0000°, Azm132.0000°; P -0.4900, P1g2.0000°,
 Azm222.0000°; nsta1 refers to body waves. nsta2 refers
 to surface waves, cutoff=35s.
 PDG 28 03:24:16.1,0.4,37.57N,20.34E,h13km,3km,ML4.2/11
 Error ellipse: s-maj=4.1km s-min=1.3km az=90.0
 ATH 28 03:24:16.2,37.45N,20.35E,h5km,ML3.9/14,Error
 ellipse: s-maj=1.8km s-min=0.8km az=39.0
 NAO 28 03:24:20.1,37.44N,20.36E,h10km,mb4.6
 ISC 28 03:24:16.4,0.8,37.49N,0.03,20.39E,0.02,h18km,3km,
 n306, $\phi_1=60/370, \text{mb4.2/29,MS3.4/10,36C-26D,Ionian}$

Code	Station Name	Δ^a	AZ ^b	Phase ID	ISC	Time	Res	ISC
Code	Station Name	Δ^a	AZ ^b	Phase ID	Op	Time	Res	ISC
KRI1	KERI	0.39	62	P	Pg	03 24 23.5	-0.9	
KRI1								
LTHK	Lithakia	0.42	58	P	Pg	03 24 29.8	0.0	
LTHK								
LTHK	Lithakia	0.42	58	P	Pg	03 24 23.8	-1.2	
LTHK								
LTHK	Lithakia	0.42	58	P	Pg	03 24 21.2	+0.3	
LTHK								
LTHK	Lithakia	0.42	58	P	Pg	03 24 24.7	-0.3	
LTHK								
LTHK	Lithakia	0.42	58	P	Pg	03 24 21.8	+0.3	
LTHK								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.5	-0.7	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	
PSDA								
RTZL	Ratzakii, Kefa	0.66	27	P	Pg	03 24 28.4	-1.1	
RTZL								
VLS	Valsamata	0.71	13	P	Pg	03 24 28.9	-1.4	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.5	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 30.0	-0.3	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 40.6	+0.7	
VLS								
VLS	Valsamata	0.71	13	P	Pg	03 24 38.7	+0.9	
VLS								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 29.1	-0.1	
PSDA								
PSDA	Pessada-Kefalo	0.65	14	P	Pg	03 24 28.1	+0.2	

28d 3h

Table of station data for 28 days, 3 hours. Columns include station name, coordinates, elevation, and various parameters like Pn, P, Pmax, etc.

2018 OCT

Main table of station data for October 2018. Columns include station name, coordinates, elevation, and various parameters like Pn, P, Pmax, etc.

1850

Table of station data for 1850. Columns include station name, coordinates, elevation, and various parameters like Pn, P, Pmax, etc.

28d 3h

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like Q19K Cape Douglas, CAPN Captain Cook N, and M19K Big River Lodg.

2018 OCT

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like Q16K King Salmon, O17K Koliganek Bris, and M18K Stony River.

1852

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like DHY Denali Highway, N15K Kwethluk River, and M26K Nabesna, AK.

0.6mm,0.9s,baz=276,slow=7.7,SNR=2.0
ZALV Zalesovo Beam 46.09 48 P 04 38 59.0 -1.9

IDC 28 04:47:51.3e1.5,1.17N:126.33E,h0km,mb3.9/4,
mbmp3.9/5,ML4.1/1,Error ellipse: s-maj=109.9km
s-min=19.6km az=69.0

NEIC 28 04:48:01.6z2.6,1.1N:0.1x126.34E:0.04,h76km,11km,
mb4.3/6,Error ellipse: s-maj=20.9km s-min=4.7km
az=187.0

DJA 28 04:48:02.21e1.1,1.1N:4.12'E,h18km,15km,M4.4/11,
mb5.0/2,mb6.8/1,MLV4.1/11,MW(MB)6.7/11
ISC 28 04:48:02.7-0.8,0.99N:0.07,126.35E:0.05,h100km,n24,
a139/28,mb3.9/7,Northern Moolua Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like TERNATE, CIBINONG, SANANA, etc.

IDC 28 04:49:57.0e1.3,37.41N:20.96E,h0km,mb3.8/3,
mbmp3.6/8,ML3.3/3,Error ellipse: s-maj=24.7km
s-min=18.9km az=163.0

ATH 28 04:50:00.7,37.26N:20.80E,h5km,2km,ML3.1/3,Error
ellipse: s-maj=3.6km s-min=1.3km az=54.0
ISC 28 04:49:59.4-0.8,37.32N:0.04,20.89E:0.04,h12km,n22,
a1527/28,mb3.7/3,ANION Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like LITHAKIA, PYLOS, etc.

BEO 28 04:54:59.8-0.8,37.30N:20.79E,h0km,ML3.9/10
ATH 28 04:54:59.8,37.32N:20.67E,h5km,1km,ML3.8/13,Error
ellipse: s-maj=2.3km s-min=1.0km az=40.0

IDC 28 04:54:59.0-0.9,37.50N:20.78E,h0km,mb3.8/9,
mbmp3.6/14,ML3.1/4,MS3.2/9,Error ellipse:
s-maj=20.0km s-min=17.8km az=130.0

THE 28 04:54:59.3,37.33N:20.62E,h0km,1km,ML3.8/18,Error
ellipse: s-maj=1.5km s-min=0.4km az=230.0

NAO 28 04:55:06.3,37.36N:20.69E,h10km,mb3.9,
ISC 28 04:55:06.1,1.3735N:0.03,20.71E:0.03,h10km,7km,
n101,a1924/136,mb3.9/19,MS3.2/6,Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like KERI, LITHAKIA, etc.

Table with columns: PSDA, Pessada-Kefalo, 0.77 353, P, Sg, 04 55 15.0 -0.4. Lists various stations like VALSAMATA, etc.

Table with columns: PSDA, Pessada-Kefalo, 0.77 353, P, Sg, 04 55 15.0 -0.4. Lists various stations like VALSAMATA, etc.

Table with columns: ZAPS, Zavoj, 6.10 13, ePn, Pn, 04 56 31.4 +0.6. Lists various stations like IVAS, BOVAN, etc.

IDC 28 04:55:35.3z2.4,13.54N:89.57W,h0km,mb3.8/3,
mbmp3.8/3,MS3.5/2,Error ellipse: s-maj=66.1km
s-min=50.1km az=35.0

CATAC 28 04:55:37.8-0.1,13.20N:90.29W,h11km,3km,ML4.1
SNET 28 04:55:41.6e1.8,13.32N:90.17W,h24km,ML4.0
GCG 28 04:55:46.7z0.4,13.79N:90.46W,h61km,12km,MD4.3
ISC 28 04:55:38.1e1.6,13.25N:0.06,90.31W:0.03,h17km,9km,
n75,a076/87,1D,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like LAS NUBES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Bandwidth, SNR, and other technical parameters. Includes stations like PAVA Las Pavas, COEG Centro de Oper, MTO3 Montecristo, etc.

ICD 28 04:59:54.3, 1.4, 37.48N, 20:56E, h0km, mb3.8/6, mbmp3.8/7, ML 1.2/1, Error ellipse: s-maj=29.4km s-min=26.4km az=92.0

THE 28 04:59:57.9, 37.40N, 20:49E, h1km, 4km, ML3.3/6, Error ellipse: s-maj=5.6km s-min=0.9km az=243.0

ATH 28 04:59:58.6, 37.37N, 20:59E, h10km, 4km, ML3.2/8, Error ellipse: s-maj=4.7km s-min=1.1km az=25.0

ISC 28 04:59:57.9, 1.3, 37.43N, 0:04, 20:52E, 0:05, h23km, 10km, n29, e1504/40, mb4.0/6, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Bandwidth, SNR, and other technical parameters. Includes stations like KRI1 KERI, LTHK Lithakia, RTZL Ratzakli, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Bandwidth, SNR, and other technical parameters. Includes stations like PYL PYLOS, ITM Ithomi, EVGI Kalavryta, etc.

VAO 28 05:04:13.7, 0.4, 21.93S, 68:54W, h100km, 4km, mb4.4, IDC 28 05:04:13.9, 0.8, 21.91S, 68:42W, h94km, 8km, mb3.7/8, mbmp4.0/10, MS3, 1/1, Error ellipse: s-maj=22.0km s-min=16.7km az=131.0

SJA 28 05:04:13.5, 0.8, 22:00S, 68:68W, h120km, 5km, ML4.0, MW4.1

NEIC 28 05:04:14.8, 2.0, 21.96S, 0:03, 68:69W, 0:04, h105km, 3km, mb4.3/19, ML4.2(GUC), Error ellipse: s-maj=7.7km s-min=4.5km az=82.0

GUC 28 05:04:15.6, 0.9, 21.93S, 68:58W, h96km, 8km, ML4.2, ISC 28 05:04:14.3, 0.6, 21.97S, 0:03, 68:59W, 0:04, h108km, 5km, n123, e1548/150, mb4.2/12, 6C-4D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time Res, and other technical parameters. Includes stations like PB09 IPOC Station P, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Bandwidth, SNR, and other technical parameters. Includes stations like PB14 IPOC Station P, GO02 Mina Guanaco, etc.

ICD 28 05:12:41.8, 1.3, 37.54N, 20:73E, h0km, mb3.6/7, mbmp3.5/9, ML3.5/1, Error ellipse: s-maj=25.1km s-min=23.3km az=24.0

THE 28 05:12:43.7, 37:42N, 20:53E, h0km, 1km, ML3.2/7, Error ellipse: s-maj=1.9km s-min=0.5km az=229.0

ATH 28 05:12:45.0, 37.41N, 20:61E, h8km, 2km, ML3.4/10, Manual Station by I.Dede This location: 2020/06/25 08:29:30 ML Amplitudes are expressed in decimicrometers, All distances are expressed in degrees Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

28d 5h

ISC 28 05:12:42.9:1.4, 37.37N:0.04:20.55E:0.04, h7km, qkm, n42, c15/61, mb3.77, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KRI1, LTHK, RTZL, PSDA, VLS, etc.

2018 OCT

DRO comp=N,3um,0.3s S Sb 05 25 11.0 +1.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like DRO, LXRA, SMHA, DMLN, etc.

1856

PYL PYLOS 1.15 116 P Pn 05 33 13.7 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like PYL, ITM, EVGI, etc.

MOS 28 05:32:48.6:1.4, 37.27N:20.62E, h11km, mb4.4/13, Error ellipse: s-maj=10.5km s-min=4.0km az=73.3

IDC 28 05:24:36.4:1.3, 37.39N:20.94E, h0km, mb3.6/5, mbtmp3.57, ML3.5/1, MS3.1/2, Error ellipse: s-maj=29.2km s-min=24.9km az=180.0

THE 28 05:24:39.5, 37.30N:20.83E, h7km, ML3.6/9, Error ellipse: s-maj=1.1km s-min=0.4km az=52.0

ATH 28 05:24:39.4, 37.32N:20.85E, h8km, 3km, ML3.6/8, Error ellipse: s-maj=3.8km s-min=1.1km az=51.0

ISC 28 05:24:37.8:1.5, 37.24N:0.05:20.84E:0.04, h11km, qkm, n37, c071/54, mb3.5/5, Ionian Sea

BEO 28 05:32:48.2:3.8, 36.82N:20.12E, h72km, 6km, ML4.1/10, MCSM 28 05:32:49.0:0.5, 37.14N:2.0E, h9km, 2km, mb4.4, MB5.2, MLV4.2, Mw(MB)4.6

NEIC 28 05:32:50.5:1.2, 37.32N:0.03:20.49E:0.08, h10km, 2km, mb4.4/13, Error ellipse: s-maj=10.5km s-min=3.7km az=284.0

MED_RC 28 05:32:50.0:0.8, 37.27N:20.37E, h22km, 2km, MW4.2/9, Moment Tensor Solution, Mantle waves: s9, c9, Duration: 1.0 Moment tensor: Scale: 10^15Nm, Mu: 2.33e+22, M0: 1.19e+23, Mw: 1.7e+23, Mm: 1.05e+22, M2: 3.2e+22, M3: 0.06e+23, Best double couple: M2: 650000x10^15, NP1: 120.00000, 856.00000, 72.00000. NP2: 330.00000, 838.00000, 114.00000. Principal axes: T: 2.6600, Plg73.0000, Azm344.0000; N: -0.0400, Plg15.0000, Azm130.0000; P: -2.6300, Plg9.0000, Azm222.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

IDC 28 05:32:50.5:0.8, 37.48N:20.52E, h0km, mb3.9/16, mbtmp3.922, ML3.6/6, MS3.1/14, Error ellipse: s-maj=16.7km s-min=14.0km az=138.0

PDG 28 05:32:51.4:0.2, 37.38N:20.34E, h10km, 2km, ML4.2/9, Error ellipse: s-maj=2.3km s-min=0.8km az=90.0

ATH 28 05:32:52.7, 37.43N:20.45E, h11km, 2km, ML4.0/9, Error ellipse: s-maj=4.0km s-min=1.3km az=43.0

THE 28 05:32:52.1, 37.40N:20.42E, h0km, 1km, ML3.9/16, Error ellipse: s-maj=1.8km s-min=0.6km az=232.0

NAO 28 05:33:22.3, 40.61N:21.33E, h10km, mb4.0, ISC 28 05:32:51.4:0.9, 37.40N:0.03:20.45E:0.03, h16km, 5km, n287, c156/329, mb4.2/30, MS3.4/8, 20C-11D, Ionian Sea

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

AXAR Agios Charalambos 2.21 51 P Pn 05 33 30.5 +0.6

28d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNSA, KULA, Mugla, Apeiranthos, etc.

THE 28 05:43:58.6, 37.45N-20.40E, h0km,2km, ML3.8/6, Error ellipse: s-maj=3.2km s-min=1.2km az=209.0
IDC 28 05:43:59.5, 1.1, 37.64N-20.65E, h0km, mb3.7/9, mbmp3.7/12, ML3.2/1, MS3.1/3, Error ellipse: s-maj=22.2km s-min=19.4km az=7.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRII, LTHK, PSDA, VLS, etc.

2010 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAE, MLR, EIL, ESDC, MDT, HFS, EKA, FINES, NOA, TORO, ARCES, JMJC, KURBB, MKAR, ZALV, etc.

ECX 28 05:50:54.6, 0.3, 30.66N, 114.34W, h12km,4km, ML3.8
MEX 28 05:50:57.4, 1.3, 31.12N, 114.42W, h10km, MD4.0
ISC 28 05:50:53.9, 1.1, 30.70N, 114.36W, 0.03, h17km,9km, n15, +1525/25, 1C-5D, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFX, SFLG, PPXB, ECXB, ECBX, SPBG, PIX, SOX, SQX, VTX, PLIB, SVXZ, LAPR, BAHB, TJJG, TUC, etc.

1858

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FSK, DRO, DRO, DRO, DRO, DRO, PYL, PYL, PYL, PYL, etc.

IDC 28 06:10:04.0, 7.9, 23.01N-94.40E, h134km,91km, mb3.3/3, mbmp3.7/4, Error ellipse: s-maj=101.8km s-min=23.4km az=66.0, Myanmar-India border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRDH, BRDH, MKAR, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDFB, JTS, PCRV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNN, JMN, JMTN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNRA, BOOM, NRN, etc.

MOS 28:06:27:20.5:0.7, 29:68N:130:68E, h37km, mb4.7/25, Error ellipse: s-maj=9.9km s-min=5.9km az=102.0

MAK2 Makanchi 41.16 308 P P 06 35 03.2 0.0
MAK3 Makanchi 41.16 308 P P 06 35 03.2 0.0

AKT ARCES Array B 66.06 305 eP P 06 35 08.5 0.0
A36M Sachs Harbour 66.25 19 P P 06 38 07.5 +1.2

Table with columns: YKA, Yellowknife Ar, 82.74, 7, P, P, 07 14 01.3 +0.8

Table with columns: GSPA, South Pole Qui, 124.09, 180, PKP, PKPdf, 07 20 33.5 -0.8

Table with columns: LPAZ, La Paz, 146.95, 295, PKPbc, PKPbc, 07 21 19.9 -0.8

IDC 28 07:01:42.5,2.6,34.79N,46.68E, h0km, mb3.9/4, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=87.7km

ISN 28 07:01:43.9,0.4,34.61N,46.27E, h5km,3m, ML3.5

TEH 28 07:01:45.1,34.60N,46.27E, h7km,4.7km, ML3.5

ISC 28 07:01:45.8,1.0,34.61N,0.03,46.27E,0.03, h9km,7.7km, n33.1,6161/39,mb4.2/3, Western IRD

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

IDC 28 07:33:42.8,1.1,70.79N,7.14W, h0km, mb3.6/2, mbtmp3.7/7, ML3.0/4, MS3.1/3, Error ellipse: s-maj=29.3km

BER 28 07:33:46.6,2.9,70.78N,6.71W, h10km, mb(Pn)3.9, ML3.2, ML1.6(DNK), Confirmed Earthquake

DNK 28 07:33:50.4,2.4,71.35N,7.07W, h0km, 7.9km, ML1.6

ISC 28 07:33:43.0,0.6,70.91N,0.03,6.70W,0.04, h10km, n39, s=350/54, 4C, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: MOR8, MOR8, eS, IAML, Sn, 07 37 28.6 -3.6

Table with columns: BRBA, Barentsburg A, 8.97, 28, eP, Pn, 07 35 55.5 +3.2

Table with columns: KBS, Kingsbay, 9.28, 22, iP, Pn, 07 35 58.8 +2.3

Table with columns: SPITS, Spitsbergen Ar, 9.38, 29, Pn, Pn, 07 36 01.8 +3.8

Table with columns: SUMG, Summit, 10.15, 294, iP, Pn, 07 36 09.4 +0.7

Table with columns: HFS, Hagfors, 13.52, 133, Pn, Pn, 07 36 56.4 +1.9

Table with columns: EKA, Eskdalemuir Ar, 15.69, 173, Pn, Pn, 07 37 23.9 +0.1

Table with columns: FINES, FINESS Array B, 15.91, 110, Pn, Pn, 07 37 29.4 +2.8

Table with columns: ULM, Lac du Bonnet, 43.48, 291, LR, LR, 07 58 19.7

Table with columns: TOR, Torodi Ar, 57.93, 171, P, P, 07 43 36.5 +1.4

Table with columns: KURBB, Kurchatov Arra, 42.57, 53, P, P, 07 44 49.7 -1.6

Table with columns: MKAR, Makanchi Arra, 45.59, 58, P, P, 07 45 14.4 -1.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: RLS, Riolos of Patr, 0.87, 49, P, P, 07 37 14.0 +0.2

Table with columns: DRO, Drossia, 0.97, 61, P, P, 07 37 14.9 -0.2

Table with columns: ITM, Ithomi, 1.08, 106, P, S, 07 37 16.9 0.0

Table with columns: EVGI, Lefkada Island, 1.13, 1, P, P, 07 37 17.4 -0.3

Table with columns: NYDR, Nydri-Lefkada, 1.23, 2, P, P, 07 37 19.4 -0.1

Table with columns: HFS, Hagfors, 23.09, 351, P, P, 07 42 00.3 -1.0

Table with columns: NOA, NORSAR Array B, 24.31, 349, P, P, 07 42 12.4 -0.7

Table with columns: WRA, Warramunga Arra, 44.85, 261, P, P, 07 46 59.5 -0.1

Table with columns: TXAR, Lajlajas Arra, 86.63, 57, P, P, 07 51 20.0 -0.1

IDC 28 07:39:32.1,8.2,19.98S,177.81W, h526km, 7.9km, mb2.6/3, mbtmp3.5/4, Error ellipse: s-maj=249.1km

ASAR, Alice Springs, 44.81, 256, P, P, 07 46 59.0 -0.2

WRA, Warramunga Arra, 44.85, 261, P, P, 07 46 59.5 -0.1

NEIC 28 07:53:12.8,1.6,4.17N,0.06,126.59E,0.07, h10km, 1km, mb4.8/7, Error ellipse: s-maj=12.4km s-min=9.3km

DJA 28 07:53:14.5,0.7,4.17N,0.12,126.59E,0.07, h17km, 3km, M4.8/13, mb4.8/8, mb5.4/5, MLv4.9/13, Mw(mb)4.8/5, MwMwp4.5/1, Ms4.5/5, Ms7.4/26

IDC 28 07:53:15.9,3.2,4.12N,126.39E, h33km, 2km, mb4.4/26, mbtmp4.6/27, ML4.7/1, MS3.9/4, Error ellipse: s-maj=24.6km s-min=10.3km az=77.0

BUI 28 07:53:16.6,3.9,2N,126.50E, h71km, mb4.8/48, mb5.3/16, Ms4.5/5, Ms7.4/26

ISC 28 07:53:12.5,0.3,4.17N,0.03,126.55E,0.05, h10km, n191, s=172/188, mb4.8/68, MS3.6/3, 8C-7D, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: Station Name, Frequency, Mode, Band, Date/Time, and other parameters. Includes stations like FAKI, BNDI, VPCC, SJMP, ENPP, etc.

Table with columns: Station Name, Frequency, Mode, Band, Date/Time, and other parameters. Includes stations like QIZ, QIZ, QIZ, QIZ, QIZ, etc.

Table with columns: Station Name, Frequency, Mode, Band, Date/Time, and other parameters. Includes stations like JNU, GYA, GYA, GYA, GYA, etc.

28d 8h

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like TKM2, AAK, AAK, AAK, AAK, AAK, ZAA0, ZALV, ZALV, ZALV, SGDS, SGDS, USP, USP, AML, SEM, SEM, SEM, ARSB, ARSB, ARSB, JCZ, KBL, KBL, KBL, BTLS, BTLS, BTLS, KURRB, KURRB, KURRB, KURK, KURK, KURK, KURK, BTB, BTB, BTB, GAR, GAR, GAR, SEY, SEY, SEY, THZ, THZ, THZ, RPZ, RPZ, RPZ, DZA, DZA, DZA, SHEM, SHEM, SHEM, CHGR, CHGR, CHGR, LTZ, LTZ, LTZ, SIMJ, SIMJ, SIMJ, ODZ, ODZ, ODZ, IUG, IUG, IUG, IUG, IUG, KKR, KKR, KKR, KKR, BKZ, BKZ, BKZ, BKZ, MQZ, MQZ, MQZ, MQZ, BRLS, BRLS, BRLS, BRZS, BRZS, BRZS, BRZS, HRA, HRA, HRA, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, JLN, JLN, TXI, TXI, TXI, TXI, TXI, TXI, WKB, WKB, JMDO, JMDO, MHTO, MHTO, BIDO, BIDO, SMDO, SMDO, DQM, DQM, JASK, JASK, BILL, BILL, BILL, HOQ, HOQ, BSY, BSY, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, NRIK, CASY, CASY, ABKAR, ABKAR, DOK, DOK.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like WHFO, WHFO, ABTO, ABTO, MZR, MZR, AKTO, AKTO, SVE, SVE, SVE, GAMB, GAMB, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, M11K, M11K, RAR, RAR, K13K, K13K, K13K, K13K, M13K, M13K, F14K, F14K, J14K, J14K, L14K, L14K, O14K, O14K, M14K, M14K, M14K, F15K, F15K, G15K, G15K, L15K, L15K, K15K, K15K, K15K, M15K, M15K, C16K, C16K, N15K, N15K, CHGN, CHGN, H16K, H16K, G16K, G16K, J16K, J16K, I17K, I17K, L16K, L16K, L16K, D17K, D17K, AKT, AKT, AKT, AKT, N16K, N16K, M16K, M16K, R16K, R16K, RDOG, RDOG, C17K, C17K, P16K, P16K, O16K, O16K, E17K, E17K, MAK, MAK, MAK, MAK, F17K, F17K, G17K, G17K, H17K, H17K, J17K, J17K, L17K, L17K, K17K, K17K, K17K, O17K, O17K, R17L, R17L, E18K, E18K, N17K, N17K, N17K, M17K, M17K, B18K, B18K, C18K, C18K, KIRV, KIRV, KIRV, F18K, F18K, BELG, BELG, BELG, BELG, Q17K, Q17K, H18K, H18K, G18K, G18K, RAYN, RAYN, RAYN, RAYN, RAYN, RAYN, L18K, L18K, L18K, ACHA, ACHA.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like N18K, N18K, J18K, J18K, J18K, C19K, C19K, C19K, C19K, M18K, M18K, O18K, O18K, GCSA, GCSA, F19K, F19K, TTA, TTA, G19K, G19K, G19K, D19K, D19K, H19K, H19K, H19K, E19K, E19K, J19K, J19K, J19K, O19K, O19K, N19K, N19K, N19K, L19K, L19K, L19K, GNI, GNI, GNI, GNI, ABPO, ABPO, ABPO, OHAK, OHAK, M19K, M19K, D20K, D20K, F20K, F20K, B20K, B20K, B20K, E20K, E20K, H20K, H20K, L20K, L20K, K20K, K20K, K20K, I20K, I20K, I20K, J20K, J20K, J20K, KDAK, KDAK, KDAK, KDAK, M20K, M20K, M20K, M20K, VOI, VOI, MAR, MAR, ONI, ONI, ONI, ONI, C21K, C21K, N20K, N20K, SPCR, SPCR, FOMA, FOMA, FOMA, G21K, G21K, G21K, B21K, B21K, B21K, B21K, GEVA, GEVA, GEVA, E21K, E21K, E21K, F21K, F21K, PPLA, PPLA, A22K, A22K, H21K, H21K, H21K, CHUM, CHUM, CAST, CAST, CAST, KBZ, KBZ, KBZ, SKT, SKT, SKT, I21K, I21K, KIV, KIV, KIV, BRSE, BRSE, B22K, B22K, B22K, B22K, B22K, B22K, B22K, B22K.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like F22K John River, SUA Susitna One, and many others.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like VORR Voronezh, D25K Kavik River, and many others.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I29M Ogilvie Camp, KIBK Kibwezi, and many others.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like EZN, BKES, YENI, USAK, DENIZLI, TURUNC, etc.

Table with columns: CHOS, AML, AML, Time, Res, ISC, H, m, s, ISC. Includes stations like CHOS, NAZL, BODT, KIRA, etc.

Table with columns: MARNC, HURO, YATNC, etc. Includes stations like MARNC, HURO, YATNC, DZM, etc.

THE 28 08:19:30.9, 38:19N:26:84E, h5km:2km, ML3.6/3, Error ellipse: s-maj=2.0km s-min=0.8km az=25.0

IDC 28 08:28:00.7, 1.4, 38:93S:46:43E, h0km, mb3.7/4, mbtmp3.7/4, MS4/1, Error ellipse: s-maj=51.5km

ISC 28 08:28:03.6-1.6, 39.00S:44:46.4E:0.3, h18km, n14, 0.576/6, mb3.6/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like H04N1, H04N2, H04N3, BOSA, etc.

NEIC 28 08:28:31.2, 1.0, 14:2S:01:167:7E:0.1, h100km, 6km, mb4-2/3, Error ellipse: s-maj=20.1km s-min=15.9km

IDC 28 08:28:36.9:2.0, 14:64S:167:38E, h124km, 16km, mb3.9/12, mbtmp4.4/14, Error ellipse: s-maj=20.2km

NOU 28 08:28:37.9, 14:76S:167:28E, h127km, mb4.6/31, Vanuatu Islands

ISC 28 08:28:38.7:0.5, 14:70S:0:06:167:43E:0:07, h150km, n82, +19:82/87, mb4.2/3, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like VLAKA, LUES, KOUNC, etc.

IDC 28 08:32:24.9, 1.2, 37:48N:20:92E, h0km, mb3.7/7, mbtmp3.6/10, ML 1.2/2, MS3.8/2, Error ellipse: s-maj=21.1km s-min=18.1km az=138.0

THE 28 08:32:26.8, 37:34N:20:85E, h13km, ML3.8/10, Error ellipse: s-maj=1.0km s-min=0.4km az=54.0

ATH 28 08:32:27.3, 37:37N:20:88E, h7km, 1km, ML3.6/12, Error ellipse: s-maj=1.6km s-min=0.7km az=225.0

ISC 28 08:32:27.1, 37:38N:0:03:20:89E:0:03, h17km, 7km, n42, 0:597/12, mb3.8/7, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like KRII, KERI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

IDC 28 08:33:33.3:53.0,24.62S,179.88E h0km,mb3.9/3, s-min=150.1km az=88.0, South of Fiji Islands

IDC 28 09:03:38.6,41.86N,43.34E, h4km, ML3.8/22

IDC 28 09:03:39.3,31.1,41.83N,0.01:43.40E,0.01,h6km,7km, n27E, e1941/410, mb3.9/24, 33C-21D, Turkey-Georgia-Armenia border region

Table with columns for station name, frequency, and other parameters. Includes stations like KRNK, DBC, Aydin-tepe-Bayb, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like DNZ2, Tarkhankut, Belgomroye, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like NBO00, MKAR, ARCES, etc.

IDC 28 09:26:50.3±1.2, 37.66N:20.69E, h0km, mb3.77, mbmp3.6/10, ML1.4/2, Error ellipse: s-maj=25.1km s-min=20.8km az=145.0

ATH 28 09:26:51.2, 37.47N:20.45E, h6km±2km, ML3.4/9, Error ellipse: s-maj=3.4km s-min=1.3km az=44.0

THE 28 09:26:51.8, 37.47N:20.46E, h0km±1km, ML3.4/21, Error ellipse: s-maj=2.3km s-min=0.6km az=235.0

ISC 28 09:26:51.8±1.3, 37.47N:20.51E±0.03, h9km±8km, h57, c-159/87, mb3.77, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KERI, Lithakia, Ratzakli, Kefa, etc.

NOA NORARS Array B 24.31 349 P P comp=N,1.4nm,0.5s,baz=185,slow=8.6,SNR=11

TORD Torodi Arr. Bea 29.48 220 P P comp=N,0.8nm,0.7s,baz=160,slow=9.1,SNR=2.5

KURBS Kurchof Arra 42.66 53 P P comp=N,0.3nm,0.6s,baz=28,slow=10,SNR=2.6

MKAR Makanchi Array 45.68 58 P P comp=N,0.4nm,0.2s,baz=277,slow=8.2,SNR=1.3

ZALV Zalesovo Beam 46.17 48 P P comp=N,0.5nm,0.4s,baz=273,slow=7.3,SNR=2.3

NEIC 28 09:42:49.1±1.7, 18.1S:0.1x178.4W:0.1, h58km±7km, mb4.3/82, Error ellipse: s-maj=22.4km s-min=16.0km

NOU 28 09:42:50.0, 18.06S:178.41W, h59km, mb4.8/27, Fiji Islands Region

IDC 28 09:42:50.5±0.9, 17.95S:178.54W, h608km±8km, mb3.7/14, mbmp4.6/16, Error ellipse: s-maj=16.7km s-min=10.2km

ISC 09:42:49.5±0.4, 18.02S:0.1x178.43W:0.07, h600km, n198, c065/198, mb4.3/58, 6C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tubou, Lakemba, Taveuni, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tonopah, Topopah Spring, Timber Creek, etc.

Table with columns: BRG, Station Name, Az, El, PKP, Res, Time, Res. Includes stations like Berggiesshübel, Moravsky Berou, Panská Ves, etc.

Station coordinates and metadata: IDC 28 10:02:23.5, 0.6, 35.80N, 21.75E, h0km, mb4.5/21, s-maj=13.5km, s-min=1.1km, az=12.0, Error ellipse: s-maj=13.5km, s-min=1.1km, az=12.0, Error ellipse: s-maj=6.7km, s-min=3.1km, az=74.9, etc.

Table with columns: Code, Station Name, Az, El, PKP, Res, Time, Res. Includes stations like Methoni, Pylos, Antikythira, etc.

Main table with columns: IDI, Station Name, Az, El, PKP, Res, Time, Res. Includes stations like 7.3nm, 0.3s, baz=270, slow=9.7, SNR=94, etc.

Main table with columns: PAOL, Station Name, Az, El, PKP, Res, Time, Res. Includes stations like Paolisi, Ston, Malo Peshtene, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Magadan, Pine Creek, Squaw Lake, Redstone River, etc.

IDC 28 10:11:46.3-1.2, 31.55N-04.94W, h0km, mb3.7/9, mbtmp3.7/9, MS3.5/26, Error ellipse: s-maj=46.0km s-min=19.4km az=21.0

ISC 28 10:11:48.6-1.1, 31.55N-03.40W, h0km, n37, 1502/10, mb3.8/9, MS3.6/26, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like San Juan, Montagnes des, Schefferville, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Alice Springs, NEIC 28 10:16:59.2-0.7, etc.

ATH 28 10:46:05.9, 37.48N-20.71E, h6km, 2km, ML3.1/2, Error ellipse: s-maj=4.0km s-min=1.4km az=49.0

IDC 28 10:46:16.8-1.5, 37.97N-20.62E, h0km, mb3.7/4, mbtmp3.8/4, MS2.8/1, Error ellipse: s-maj=64.2km s-min=27.3km az=127.0

ISC 28 10:46:06.7-1.6, 37.57N-20.81E, h16km, 8km, n18, 0580/15, mb3.8/4, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Lithakia, Pessada-Kefalo, Valsamata, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Centro de Oper, Ruinas Leon Vi, Finca el Limon, etc.

IDC 28 11:34:43.0-0.7, 37.59N-20.44E, h0km, mb3.8/14, mbtmp3.8/17, ML1.6/2, MS3.2/21, Error ellipse: s-maj=19.0km s-min=14.9km az=120.0

ATH 28 11:34:45.9, 37.43N-20.44E, h7km, 2km, ML4.0/12, Error ellipse: s-maj=3.0km s-min=1.1km az=41.0

THE 28 11:34:46.4, 37.44N-20.48E, h0km, ML3.9/13, Error ellipse: s-maj=1.2km s-min=0.4km az=230.0

NAO 28 11:34:51.8, 37.48N-20.69E, h10km, mb4.0, ISC 28 11:34:45.6-1.2, 37.41N-20.03, 20.43E, h13km, 7km, n94, 1936/10, mb3.9/14, MS3.3/15, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Kerri, Lithakia, Warramunga Arr, etc.

28d 11h

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like KALE Kalithea, EVR Eurytania, MAKR Makrakomi, etc.

Code Station Name Az El P S Pn Time Res
NUBE Las Nubes 0.48 36 eP Pn 11 44 30.0 +1.1
NUBE Las Nubes 0.48 36 iP Sn 11 44 29.6 -0.4

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like CEVE Cerro Verde, SBLS San Blas, LOAL Lomas de Alarc, etc.

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Main table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like LOAL Lomas de Alarc, RTR El Retiro, SNJE San Jose, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like CMIG Matias Romero, CMIG comp=Z,2.4nm,0.3s, etc.

THE 28 11:46:09.2, 37.58N-20.76E, h26km, ML2.9/7, Error ellipse: s-maj=2.1km s-min=1.0km az=217.0

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like KRII KERI, LTHK Lithakia, etc.

Table with columns: Station, Name, Az, Phase, D, Time, Res. Includes stations like FSK Fiskardo, FSK Lefkada Island, FSK Ithomi, etc.

MOS 28 11:52:57.0-9.45:05N:99.08E,h14km,m4.6/7, Error ellipse: s-maj=10.7km s-min=8.7km az=125.9

NEIC 28 11:52:59.8-1.0, 45:11N:0.07:99.1E:0.1,h10km, n121, m4.6/6.3, Error ellipse: s-maj=13.3km s-min=11.9km

ISC 28 11:52:59.3-0.4, 45:07N:0.05:99.09E:0.05,h10km,n121, s=117/120,m4.6/4.4,MS3.15,Mongolia

Main station list for 1877, including stations like GAT Gaotai, SONM Songoing Array, ULN Ulaanbaatar, etc.

Main station list for 2018 OCT, including stations like MAJO comp=2.10,km,1.3s, KIRV Kirov, JETK Metropavlowski, etc.

Main station list for 28d 11h, including stations like NEIC 28 11:56:47.0-2.5, 22:4S:0.1:177.8W:0.1, h350km, 13km, etc.

NOU 28 11:56:45.6, 22:15S:177.13W,h397km,m4.5/30, South of Fiji Islands

28d 12h

Table with columns: BRTR, MMAL, TORD, TORD. Contains station names like Keskin Array B, Mount Meron Ar, Torodi Ar, Bea, and their respective coordinates and parameters.

SOME 28 12:01:29.4, 42°05'N, 68°65'E, h0km
ISU 28 12:01:32.5, 40°86'N, 69°72'E, h18km
KRNET 28 12:01:32.2, 41.41°94'N, 69°03'E, mb2.5
ISC 28 12:01:29.7, 42.1°87'N, 0°06.68'8E, 0.1, h4km, n13km, n11, n095/20, 8C-6D, Central Kazakhstan

Main table for the 28d 12h section, listing stations like TashGRES, luzhnay, PSkem, Borolday, Karatay Array, Terek-Say, Batken, Arkit, Mianas, Arslanbob, and their operational parameters.

NNC 28 12:06:08.9, 0.7, 42°91'N, 77°14'E, h0km, mb2.3, mpv2.6, Error ellipse: s-maj=5.0km s-min=3.0km az=38.0
SOME 28 12:06:09.4, 42°90'N, 77°10'E, h10km
ISC 28 12:06:07.4, 1.5, 42.87°N, 0°07.77'16E, 0.04, h17km, 10km, n15, n030/29, 1C-3D, Lake Issyk-Kul region

Main table for the 28d 12h section, listing stations like Tian-Shan, Medeo, Kaskak, Karatobe, Chushkaly, Karabastau, Karabastau, Kuznetsov, Kuznetsov, Kuznetsov, Kuznetsov, and their operational parameters.

IDC 28 12:47:36.2, 1.3, 31°96'N, 93°92'E, h0km, mb3.4/4, mbtmp3.4/6, ML3.0/2, Error ellipse: s-maj=68.3km s-min=20.7km az=60.0
ISC 28 12:47:41.4, 1.5, 32.1°N, 0°2.93'9E, 0.3, h35km, n6, n0166/6, mb3.4/4, Xizang

Main table for the 28d 12h section, listing stations like Makanchi Array, Soginoy Array, Kurchatov Arra, Borovoye Array, Warrunganga Arr, Alice Springs, and their operational parameters.

IDC 28 12:53:42.4, 1.4, 37.74°N, 20°05'E, h0km, mb3.7/8, mbtmp3.6/9, ML3.0/2, Error ellipse: s-maj=32.0km s-min=25.4km az=133.0
ATH 28 12:53:43.3, 37°42'N, 20°83'E, h10km, 1km, ML3.5/20, Error ellipse: s-maj=1.9km s-min=0.8km az=227.0
THE 28 12:53:43.5, 37°46'N, 20°89'E, h0km, 1km, ML3.6/6, Error ellipse: s-maj=2.0km s-min=0.5km az=222.0

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ISC 28 12:53:43.3, 1.1, 37.74°N, 0°03.20'84E, 0.03, h12km, 7km, n52, n120/61, mb3.7/9, Ionian Sea

Main table for the 2018 OCT section, listing stations like KRII, Lithakia, Ratzakli, Pessada-Kefalo, Valsamata, Riosof, and their operational parameters.

1878

ESDC Sonseca Array 19.51 284 P P 12 58 08.1 -2.3
HFS Hagfors 23.17 351 P P 12 58 47.9 -1.5
EKA Eskdalemuir Ar 24.18 325 P P 12 58 59.1 -0.1
FINES FINESSE Array B 24.26 6 P P 12 58 57.2 -2.6
NOA NORAS Array B 24.39 349 P P 12 58 57.5 -3.7
TORD Torodi Ar, Bea 29.62 220 P P 12 59 48.0 -0.5
BVAR Borovoye Array 37.41 49 P P 13 00 58.1 +2.3
KURBB Kurchatov Arra 42.47 53 P P 13 01 42.2 +4.3
MKAR Makanchi Array 45.48 58 P P 13 02 06.2 +4.0
ZALV Zalesovo Beam 46.00 48 P P 13 02 10.2 +4.0

Table listing station names and their operational parameters for the 1878 section.

IDC 28 12:54:23.7, 0.8, 51°84'N, 178°1'16W, h0km, mb3.7/10, mbtmp3.8/13, ML3.6/3, MS3.1/4, Error ellipse: s-maj=26.4km s-min=18.0km az=167.0
NEIC 28 12:54:23.5, 1.7, 51°48'N, 0°07.178'40W, 0.03, h5km, 6km, mb4, 0/59, ML3.7(AE/C), Error ellipse: s-maj=172.0, s-min=2.6km az=172.0
AEIC 28 12:54:24.3, 1.9, 51°59'N, 0°09.178'38W, 0.04, h7km, 5km, Error ellipse: s-maj=12.6km s-min=2.6km az=169.0
ISC 28 12:54:23.4, 1.5, 51.64°N, 0°10.47'841W, 0.02, h1km, 9km, n113, n112/106, mb4, 0/28, MS3.2/3, Andreev Islands

Main table for the 1878 section, listing stations like Gareloi East, Tanaga Southa, Tanaga North, Kanaga Island, and their operational parameters.

Table of astronomical observations for 1879, listing stations like C23K, D24K, K27K, F25K, etc., with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

LGD 28 12:57:06.5 ± 0.1, 43° 11'N, 150°W, h10km, Md2,3/2, Ml2,1/8, Error ellipse: s-maj=2.4km s-min=2.2km az=40.0

STR 28 12:57:06.7 ± 0.8, 43° 15'N, 150°W, h13km, MlV1,1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=118.3, preliminary

MDD 28 12:57:07.1 ± 0.2, 43° 12'N, 153°W, h12km, 2km, Mb_Lg2.5/2.6, Error ellipse: s-maj=2.4km s-min=1.3km az=4.0

ISC 28 12:57:05.6 ± 0.9, 43° 10'N, 149°W, h18km, 3km, n28, c977/54, 1C-1D, Pyrenees

Table of astronomical observations for 1879, listing stations like EALK, EALB, EALC, etc., with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of astronomical observations for 2018 OCT, listing stations like ERTA, ERTA, ERTA, etc., with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

IDC 28 13:19:09.5 ± 0.1, 36° 36'N, 139° 45'E, h136km, 6km, mb3.4/12, mbmp3.9/14, Error ellipse: s-maj=23.0km s-min=8.6km

NEIC 28 13:19:09.9 ± 1.2, 36° 41'N, 139° 51'E, 0'09, h133km, 7km, mb4.4/20, Error ellipse: s-maj=10.9km s-min=8.2km az=110.0

JMA 28 13:19:10.3 ± 0.1, 36° 4N, 139° 5E, 0.6, h127km, 1km, MV3.4/39, SOUTHERN TOCHIGI PREF

ISC 28 13:19:09.5 ± 0.7, 36° 40'N, 139° 48'E, 0.06, h134km, 5km, n61, c062/74, mb4.0/22, Eastern Honshu

Table of astronomical observations for 2018 OCT, listing stations like Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

IDC 28 13:25:49.3 ± 0.6, 11° 46'N, 140° 11'E, h0km, mb4.4/16, mbmp4.4/16, MS3.5/17, Error ellipse: s-maj=29.6km s-min=14.0km az=80.0

BUI 28 13:25:50.5 ± 1.1, 21° 14'N, 140° 49'E, h36km, mb4.7/33, mb5.2/8, Ms4.6/2, Ms7.4/2.2

NEIC 28 13:25:55.2 ± 1.6, 11° 4N, 0.1, 140° 1E, 0.1, h35km, 2km, mb4.8/49, Error ellipse: s-maj=19.7km s-min=17.3km az=150.0

DJA 28 13:26:00.4 ± 1.8, 11° 1'N, 7° 14'0E, h76km, 19km, M4.8/14, mb5.9/2, mb4.8/14, Mw(mb)5.9/2

ISC 28 13:25:55.3 ± 0.6, 11° 38'N, 140° 09'E, 0.06, h40km, 5km, h40km, pp-P, n103, c182/93, mb4.7/44, MS3.6/15, 2C-1D, Western Caroline Islands

Table of astronomical observations for 2018 OCT, listing stations like Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table of astronomical observations for 2018 OCT, listing stations like GUMO, GUMO, GUMO, etc., with columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Plg14.0000°, Azm230.0000°; P - 0.8464, Plg63.0000°, Azm112.0000°;

NEIC 28:13:23.22-0.7, 54:16N, 163:60W, h44km
ISC 28:13:23.21-0.7, 54:11N, 0:05:163:50W, 0:04, h44km, 6km,
N360, 0:19:12/279, mb4.6/121, MS3.8/43, 8C-15D, Unimak
Island region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates and phases.

Main seismic event table with columns: PEA0B, PEA0B, 22.85 283, P, Iamb, P, 13 38 20.5 -0.3, 13 38 22.6, etc. Lists seismic events with their magnitudes, phases, and arrival times.

Table with columns: KSCO, MJAR, MJJB, MAJO, ANMO, etc. Lists seismic stations and their associated data, including coordinates and phases.

28d 13h

Table with columns: Station Name, Azimuth, Elevation, SNR, and various status flags (P, L, I, A, M, B). Includes stations like HFS Hagfors, EKA Eskdalemuir, and others.

2018 OCT

Table with columns: Station Name, Azimuth, Elevation, SNR, and various status flags. Includes stations like KBZ Khabaz, NCK Naichik, DZM Mont Dumac, and others.

1882

Table with columns: Station Name, Azimuth, Elevation, SNR, and various status flags. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Arr, and others.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kalavryta, Ach, Efpalio, Gaura, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GRUS Gruza, BBLs Lazzi#2631, ZAGS Zajcar, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BVAR Borovoye Array, DBIC Dimbokro, BBTs Bate, etc.

28 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BAUMATA, SOE, MAUMERE, WBSI, BBSI, FITZ, WRA, WRA, ASAR, ASAR, MKAR.

THE 28 14:11:58.6, 37.39N-20.72E, h8km, ML3.7/6, Error ellipse: s-maj=1.1km s-min=0.4km az=56.0

ATH 28 14:11:59.0, 37.39N-20.77E, h9km, zkm, ML3.5/3, Error ellipse: s-maj=4.6km s-min=1.5km az=56.0

ISC 28 14:11:57.5, 1.93725N, 0.07072E, h12km, gkm, n37, c0538/48, Ionian Sea

Main table for 28 14h section, listing various seismic stations and their data points.

NEIC 28 14:21:14.7, 0.9, 32.90N, 0.003, 100.91W, 0.04, h5km, 6km, mb_Lg3.1/7.1, ML3.2/8, Error ellipse: s-maj=6.2km s-min=2.3km az=134.0, Western Texas

Table for NEIC 28 14h section, listing stations like SNYDER, POST, DKNS, DKNS, APMT, APMT, SGCV, ABTX, ODSA, MSTX, OZNA, AMTX, PLPT, MNHN, WFTS, BRDY, FW03, FW03, JCT, WFT, FW06, PECS, PECS, FW13, WHTX, X34A, LOOK, LOOK, FW16, ALPN, ALPN.

2018 OCT

Table for 2018 OCT section, listing stations like DRIO, DRIO, 435B, HND0, RTBA, OK038, OK029, VHRN, DEOK, 833A, EPT, X37A, OK051, Z38A, ANMO, NATX, R32A, 121A, SDCO, KSCO, MVAR, MIOR, R40A.

IDC 28 14:36:05.2, 6.58, 57S:25.25W, h23km, 15km, mb4.5/13, mbmp4.6/14, ML5.0/1, MS4.4/1, Error ellipse: s-maj=20.2km s-min=14.8km az=49.0

NEIC 28 14:36:06.7, 1.0, 58.64S:0.09, 25.2W:0.2, h35km, 1km, mb4.9/45, Error ellipse: s-maj=21.8km s-min=8.7km az=227.0

GCMT 28 14:36:11.7, 0.2, 58.69S:0.01, 24.44W:0.02, h29km, MW5.2/127, Moment Tensor Solution. s87,c126; s127,c189. Duration: 0 Moment tensor: Scale 10^16Nm; M=0.65E+17; Mw=1.56E+13; Mw-6.2E+12; Mw-1.50E+22; Mw-0.27E+09; Mw-6.64E+20; Best double couple: M=7.36E+06, N1=346.00000, N2=867.00000, N3=1.74.00000, NP2=202.00000, NP3=828.00000, A=1.22.00000. Principal axes: T 6.7920, Plg65.0000, Azm330.0000; N 1.1380, Plg14.0000, Azm35.0000; P -7.9300, Plg20.0000, Azm88.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 28 14:36:07.2, 0.3, 58.71S:0.07, 25.29W:0.07, h38km, n313, c0939/293, mb4.8/27, GC-2D, South Sandwich Islands

Main table for 2018 OCT section, listing various seismic stations and their data points.

1884

Main table for 1884 section, listing various seismic stations and their data points.

1885

Table with 5 columns: ID, Name, Elevation, Direction, Status. Includes entries like R33M Jennings River, S32K Killisnoo, SIT Sitka, etc.

2018 OCT

Table with 5 columns: ID, Name, Elevation, Direction, Status. Includes entries like PWL Port Wells, M23K Glacier View, F26K Sheok River, etc.

28d 14h

Table with 5 columns: ID, Name, Elevation, Direction, Status. Includes entries like F19K Shaleruckik Mo, G18K Tagagawik, C19K Lookout Ridge, etc.

IDC 28 14:37:10.0.0.6.58°64'S:25°18'W, h0km, mb4.6/10, mbtmp4.6/11, ML4.8/1, Error ellipse: s-maj=28.2km s-min=20.4km az=46.0

NEIC 28 14:37:16.1±1.5, 58°45'S:0°1'25''W:0.2, h35km, 1km, mb4.9/35, Error ellipse: s-maj=20.9km s-min=13.6km az=216.0

ISC 28 14:37:15.0.0.4.58°57'S:0°08'25''W:0.08, h35km, n78, r1905/81, mb4.8/23, 5C, South Sandwich Islands region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer-Olymp, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, and various station identifiers like TOR, THZ, STKA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, and various station identifiers like MHEZ, VRZ, MVTZ, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, and various station identifiers like SBA, AQDB, BDOQN, etc.

NOU 28 14:38:30.7, 42.7275:172.98E, h14km, MLv4, 1/14, South Island, New Zealand

WEL 28 14:38:30.5, 42.585:172.75E, h3km, ML3.9, Mw3.7, Moment Tensor solution...

ICC 28 14:41:59.0, 5.58:65.0:1.25:22W.0:0.8, h35km, n346, 0.856:333, mb4.8/27, 10C, South Sandwich Islands region

NEIC 28 14:41:58.6, 1.3, 58:65.0:1.25:22W.0:3, h35km, 2km, mb4.9/40, Error ellipse: s-maj=27.1km s-min=15.3km az=229.0

ISC 28 14:41:59.1, 0.3, 58:65.0:1.25:22W.0:0.8, h35km, n346, 0.856:333, mb4.8/27, 10C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, and various station identifiers like WIGC, HSES, HISES, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, and various station identifiers like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, and various station identifiers like ETMB, VNA3, VNA3, etc.

P30M	Million Dollar baz=118	146.58 302	P	PKPab	15 01 35.7 -0.8	H25L Birch Creek baz=103	152.50 311	P	PKIKP	15 01 50.8 +0.8	G19K Purcell Mounta baz=94	157.00 309	P	PKPab	15 02 19.6 -0.1	
P29M	Windy Craggy baz=118	146.70 301	P	PKPbc	15 01 35.8 0.0	HDA Harding Lake baz=105	152.51 307	P	PKIKP	15 01 50.6 +0.4	K17K Iditarod baz=101	157.07 300	P	PKPab	15 02 19.9 -0.2	
N31M	Græbbn, Yoko baz=117	146.70 305	P	PKPab	15 01 35.9 -1.0	O22K Cookoo Landing baz=111	152.51 298	P	PKIKP	15 01 50.8 +0.5	E19K Redstone River baz=91	157.12 313	P	PKPab	15 02 20.0 -0.2	
A36M	Sachs Harbour baz=109	146.95 326	P	PKPab	15 01 36.5 -1.0	ILAR Eielson Array comp=2.13nm,0.6s,baz=144,slo=5.3,SNR=84	152.58 308	PKPbc	PKIKP	15 01 50.5 +0.1	F19K Shalericuk Mo baz=92	157.31 311	P	PKPab	15 02 20.4 -0.6	
HYT	Haines Junctio baz=110	147.15 303	P	PKPab	15 01 37.8 -1.1	PMR Palmer baz=109	152.62 300	P	PKIKP	15 01 51.0 +0.5	L16K Owhat River baz=99	157.40 297	P	PKPab	15 02 21.5 0.0	
N30M	Aishikik Lake baz=116	147.25 305	P	PKPbc	15 01 37.6 +0.3	F25K Christian River baz=100,SNR=15	152.70 314	P	PKIKP	15 01 51.0 +0.4	D19K Kuna River baz=88	157.43 315	P	PKPab	15 02 22.0 +0.4	
O29M	Mount Kennedy baz=117	147.38 302	P	PKPbc	15 01 37.6 -0.2	BRSE Bradley Lake S baz=117	152.72 296	P	PKIKP	15 01 51.3 +0.5	H18K Honhosa River baz=96	157.45 306	P	PKPab	15 02 22.2 +0.5	
PNL	Peninsula baz=118	147.46 301	P	PKPbc	15 01 37.7 -0.1	G25K Bearman Lake baz=102,SNR=12	152.72 312	P	PKIKP	15 01 51.1 +0.5	J17K VABM Dome baz=99	157.54 302	P	PKPab	15 02 22.7 +0.6	
YUK6	Outpost Mounta baz=116	147.58 303	P	PKPbc	15 01 37.3 -1.1	RC01 Rabbi Creek A baz=109	152.73 293	P	PKIKP	15 01 51.2 +0.5	O14K Tigyuakuiwet M baz=100	157.61 291	P	PKPab	15 02 22.9 +0.4	
M30M	Minto, Yukon baz=115	147.61 307	P	PKPbc	15 01 37.5 -0.7	WAT1 Susitna Watana baz=107	152.75 309	P	PKIKP	15 01 51.3 +0.5	G18K Nome baz=93	157.63 308	P	PKPab	15 02 22.7 +0.3	
MAYO	Mayo, Yukon baz=114	147.65 309	P	PKPbc	15 01 38.2 0.0	C26K Camden Bay baz=96	152.78 319	P	PKIKP	15 01 51.4 +0.8	C19K Lookout Ridge baz=84	157.93 317	P	PKPab	15 02 26.1 +2.3	
YUK4	Talbot Arm baz=115,SNR=5.7	147.88 304	P	PKPbc	15 01 38.9 -0.2	KDAX Kodiak Island baz=114	152.83 291	P	PKIKP	15 01 51.5 +0.5	F18K Selawik baz=91	158.05 310	P	PKPab	15 02 25.5 +1.3	
H31M	Peel River baz=112	147.89 313	P	PKIKP	15 01 39.7 -1.0	POKR Poker Plat Res baz=104	152.89 308	P	PKIKP	15 01 51.6 +0.6	H17K Granite Mounta baz=95	158.09 306	P	PKPab	15 02 25.8 +1.3	
P10M	Pinnacle baz=110	148.04 301	P	PKIKP	15 01 39.9 -1.3	OHAK Old Harbor baz=115	152.94 290	P	PKIKP	15 01 51.6 +0.4	UNV Unalaska Valle baz=111	158.18 274	P	PKPab	15 02 25.8 +0.6	
J30M	Hart River baz=112	148.21 310	P	PKPbc	15 01 40.2 +0.3	COLA College baz=104	153.00 308	P	PKIKP	15 01 51.6 +0.5	J16K Anvik River baz=98	158.20 301	P	PKPab	15 02 26.0 +1.1	
F31M	Tsigiethchic baz=114	148.24 316	P	PKPbc	15 01 39.5 -0.1	Q20K Shuyak Island baz=97	153.07 293	P	PKIKP	15 01 52.1 +0.7	I17K Unalakleet baz=91	158.32 303	P	PKPab	15 02 26.6 +1.2	
M29M	Somme Creek baz=114	148.26 306	P	PKIKP	15 01 40.4 -1.2	M22K Willow baz=108	153.12 300	P	PKIKP	15 01 52.3 +0.8	M14K Bethel baz=104	158.35 294	P	PKPab	15 02 26.6 +0.9	
G31M	Satah River baz=110	148.26 315	P	PKPbc	15 01 39.9 +0.3	D5K McKinley baz=105	153.17 305	P	PKIKP	15 01 52.3 +0.7	K15K Wolf Creek Mou baz=90	158.47 298	P	PKPab	15 02 28.1 +1.9	
O28M	Mount Upton baz=116	148.31 302	P	PKIKP	15 01 40.9 -1.1	MCK Kavik River baz=96	153.22 318	P	PKIKP	15 01 52.7 +0.8	B18K Kokolik River baz=82	158.68 318	P	PKPab	15 02 28.6 +1.7	
YUK8	Steele Glacier baz=115,SNR=12	148.34 303	P	PKIKP	15 01 40.8 -1.2	H24K Noodor Dome baz=102	153.23 310	P	PKIKP	15 01 52.6 +0.8	L14K Kuka Creek baz=102	158.82 296	P	PKPab	15 02 28.7 +1.0	
L29M	L29M baz=113,SNR=18	148.38 307	P	PKIKP	15 01 41.1 -0.7	G24K Gorenzic Rivr baz=101,SNR=8.0	153.24 312	P	PKIKP	15 01 53.0 +1.4	E17K Hotham Inlet baz=87	158.91 312	P	PKPab	15 02 28.6 +0.7	
K29M	Barlow Dome baz=112,SNR=8.4	148.42 308	P	PKIKP	15 01 40.8 -1.1	SUA Susitna One baz=108	153.31 300	P	PKIKP	15 01 53.1 +1.0	M13K Dall Lake baz=104	158.94 293	P	PKPab	15 02 28.7 +0.5	
INK	Inuvik baz=108	148.45 318	P	PKIKP	15 01 40.8 +0.8	CUT Chulitna baz=107	153.39 302	P	PKIKP	15 01 53.1 +1.1	H16K Elinor baz=94	159.06 305	P	PKPab	15 02 30.1 +1.4	
I30M	Mount Dempster baz=111,SNR=26	148.47 311	P	PKPbc	15 01 40.7 +0.2	NEA2 Nenana baz=104	153.45 307	P	PKIKP	15 01 53.3 +1.2	G16K Koyuk River baz=91	159.14 307	P	PKPab	15 02 30.2 +1.2	
MESA	MESA baz=116	148.84 300	P	PKIKP	15 01 42.2 -0.8	F24K Squaw Lake baz=99,SNR=7.2	153.54 313	P	PKIKP	15 01 53.6 +1.4	C17K DeLong Mountai baz=89	159.29 316	P	PKPab	15 02 31.4 +1.8	
YUK3	Moose Creek baz=114,SNR=12	148.84 304	P	PKPbc	15 01 41.8 +0.2	R18K Karluk baz=114	153.66 290	P	PKIKP	15 01 53.7 +0.9	K13K Kusilvak Mount baz=99	159.86 297	P	PKPab	15 02 33.3 +1.1	
CTG	Chitna Glacier baz=115	148.90 302	P	PKIKP	15 01 42.3 -0.7	TRF Thorofare Moun baz=105	153.69 304	P	PKIKP	15 01 53.7 +0.8	F15K North Star Dit baz=111	160.09 308	P	PKPab	15 02 34.4 +1.1	
J29M	Klonidke Camp baz=111	148.93 309	P	PKIKP	15 01 42.2 -0.7	I23K Minto, Yukon-K baz=102	153.69 308	P	PKIKP	15 01 53.7 +1.1	C16K Lisburne Hills baz=81	160.12 315	P	PKPab	15 02 34.4 +1.2	
EPYK	Eagle Plains baz=109	149.00 313	P	PKIKP	15 01 42.1 -0.9	SKT Skwentna baz=102	153.83 300	P	PKIKP	15 01 54.5 +1.5	M11K Mekoryuk baz=102	160.31 292	P	PKPab	15 02 35.2 +1.0	
G30M	Aoh Zraii Nji baz=108	149.01 315	P	PKIKP	15 01 42.1 -0.9	E24K Your Creek baz=97	153.84 315	P	PKIKP	15 01 54.2 +1.2	ANM Nome baz=91	160.41 304	P	PKPab	15 02 36.4 +1.9	
F30M	Barrier River baz=108	149.04 316	P	PKIKP	15 01 42.2 -0.7	P19K Oil Pt baz=111	153.86 295	P	PKIKP	15 01 54.5 +1.3	F14K Arctic Creek baz=88	160.80 307	P	PKPab	15 02 38.4 +2.2	
DAWY	Dawson baz=111,SNR=6.2	149.27 308	P	PKIKP	15 01 42.8 -0.8	N20K Mount Spurr baz=108	153.90 298	P	PKIKP	15 01 54.5 +1.2	P08K Saint George I baz=111	160.92 279	P	PKPab	15 02 38.9 +1.9	
BVCY	Beaver Creek baz=113	149.27 305	P	PKIKP	15 01 43.1 -0.5	SPCR Spurr Chakacha baz=108	153.95 296	P	PKIKP	15 01 54.6 +1.3	TNA Tin City baz=86	161.46 308	P	PKPab	15 02 39.7 +0.6	
I29M	Ogilvie Camp, baz=110	149.28 311	P	PKIKP	15 01 43.1 -0.4	H23K Yukon River baz=103	153.90 309	P	PKIKP	15 01 54.4 +1.3	SPIA Saint Paul Isi baz=109	161.48 281	P	PKPab	15 02 39.8 +0.4	
H29M	Whitestone baz=108,SNR=21	149.58 313	P	PKIKP	15 01 43.4 -0.7	C24K Franklin Bluff baz=94	154.07 318	P	PKIKP	15 01 54.7 +1.5						
CRQE	Cirque baz=114	149.59 301	P	PKIKP	15 01 44.1 -0.4	D24K Happy Valley baz=107	154.07 317	P	PKIKP	15 01 54.7 +1.4						
G29M	Pine Creek baz=107	149.66 314	P	PKIKP	15 01 43.9 -0.4	BPAW Bear Paw Mtn. baz=103	154.14 305	P	PKIKP	15 01 54.4 +0.7						
M27K	Edge Creek, AK baz=112,SNR=12	149.69 304	P	PKIKP	15 01 44.2 -0.5	MLY Manley baz=102	154.24 307	P	PKIKP	15 01 54.9 +1.1						
S0NM	Songilo Array comp=2.32nm,0.7s,baz=295,slow=3.2,SNR=11	149.75 89	PKPbc	PKPbc	15 01 43.9 -0.4	G23K Barrow Creek baz=99,SNR=10	154.24 311	P	PKIKP	15 01 55.2 +1.4						
MCARA	McCarthy VSAT baz=113	149.81 302	P	PKIKP	15 01 44.5 -0.2	E23K Chandalar baz=96	154.26 314	P	PKIKP	15 01 55.0 +1.1						
KAIM	Kayak Island baz=109	149.85 299	P	PKIKP	15 01 44.8 0.0	TOLK Toolik Lake Re baz=113	154.30 316	P	PKIKP	15 01 55.1 +1.2						
L27K	Beaver Creek, baz=111,SNR=13	149.93 306	P	PKIKP	15 01 44.8 -0.2	G18K Katmai Hardscr baz=112	154.35 292	P	PKIKP	15 01 55.2 +0.9						
I28M	Miner Creek baz=108	149.95 311	P	PKIKP	15 01 44.4 -0.6	PPLA Purkeypale baz=112	154.38 302	P	PKIKP	15 01 55.2 +1.0						
E29M	Blow River baz=105,SNR=35	150.03 317	P	PKIKP	15 01 44.1 -0.8	COLD Coldfoot baz=97	154.38 312	P	PKIKP	15 01 55.4 +1.4						
M26K	Nabesna, AK baz=111	150.19 304	P	PKIKP	15 01 45.1 -0.4	CAST Castle Rocks baz=106	154.46 303	P	PKIKP	15 01 55.0 +0.7						
EGAK	Eagle baz=109	150.23 309	P	PKIKP	15 01 44.8 -0.7	M20K Styx River baz=106	154.53 300	P	PKIKP	15 01 55.0 +0.4						
BMRM	Bremner River baz=113	150.36 301	P	PKIKP	15 01 45.9 0.0	O19K Port Alsworth baz=109	154.56 295	P	PKIKP	15 01 55.0 +0.5						
K27K	Chicken baz=109	150.36 307	P	PKIKP	15 01 46.1 +0.3	R17L Mt. Peulik Vol baz=113	154.63 289	P	PKIKP	15 01 55.3 +0.6						
Q23K	Middleton Isla baz=114	150.54 297	P	PKIKP	15 01 45.5 -0.7	Q17K Contact Creek baz=112	154.64 291	P	PKIKP	15 01 55.6 +0.7						
D28M	Stokes Point baz=103,SNR=20	150.55 319	P	PKIKP	15 01 45.9 0.0	H22K Ishatlina Cre baz=99	154.66 309	P	PKIKP	15 01 55.7 +1.0						
F29M	Old Crow baz=105	150.55 315	P	PKIKP	15 01 45.8 -0.2	CHUM Lake Minchumia baz=103	154.67 304	P	PKIKP	15 01 55.6 +0.9						
L26K	Log Cabin Wild baz=105	150.56 305	P	PKIKP	15 01 46.3 0.0	D23K Nanushuk River baz=103	154.72 316	P	PKIKP	15 01 56.2 +1.5						
N25K	Chitina, Valde baz=112	150.60 302	P	PKIKP	15 01 46.4 0.0	P18K Big Mountain, baz=110	154.73 293	P	PKIKP	15 01 56.1 +1.1						
E28M	Babbage River baz=103	150.66 317	P	PKIKP	15 01 46.1 -0.2	C23K Itkiliik River baz=114	154.74 319	P	PKIKP	15 01 55.8 +1.2						
I27K	Kandik River baz=110	150.67 311	P	PKIKP	15 01 46.4 0.0	N19K Bonanza Creek baz=108	154.84 297	P	PKIKP	15 01 56.0 +0.8						
EYAK	Cordova Ski Ar baz=107	150.71 300	P	PKIKP	15 01 46.6 0.0	G22K Bettles baz=97	154.85 312	P	PKIKP	15 01 56.2 +1.3						
H27K	Steamboat Mount baz=106,SNR=26	150.81 312	P	PKIKP	15 01 46.8 +0.1	O18K Kolah Hills baz=109	154.87 294	P	PKIKP	15 01 56.4 +1.1						
G27K	Doyon Strip baz=105	151.01 313	P	PKIKP	15 01 47.3 +0.3	L20K Farewell, AK baz=105	155.02 301	P	PKPab	15 01 56.8 +1.0						
HARJ	HARJ baz=110	151.13 303	P	PKIKP	15 01 47.7 +0.3	CHNA Chernabura Isl baz=94	155.06 281	P	PKPab	15 01 56.7 +1.0						
J26L	Joseph Creek baz=108,SNR=15	151.13 308	P	PKIKP	15 01 47.7 +0.3	E22K Anaktuvuk Pass baz=94	155.09 314	P	PKPab	15 01 56.8 +1.0						
SCRK	Sand Creek baz=108,SNR=16	151.14 307	P	PKIKP	15 01 47.8 +0.3	CHGN Chignik baz=115	155.11 285	P	PKPab	15 01 56.8 +1.0						
KLU	Klutina baz=111	151.15 301	P	PKIKP	15 01 47.9 +0.4	Q16K King Salmon baz=111	155.17 291	P	PKPab	15 01 56.9 +1.0						
I26K	Coal Creek Min baz=105	151.20 310	P	PKIKP	15 01 47.6 +0.1	F22K John River baz=113	155.18 313	P	PKPab	15 01 57.3 +1.1						
P23K	Montague Isln baz=113	151.26 298	P	PKIKP	15 01 47.9 +0.2	H21K Melozitina Rive baz=99	155.20 308	P	PKPab	15 01 57.2 +1.0						
D27M	Malcolm River baz=101	151.30 318	P	PKIKP	15 01 48.1 +0.5	J20K Nowinta River baz=101	155.51 305	P	PKPab	15 02 13.9 +0.5						
E27K	Coleen River baz=102,SNR=26	151.31 316	P	PKIKP												

28d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ, KAJA, YUK, and various international stations like USUR, KSR, KSAR, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRAB, WRO, WB2, WRA, WRA, WRA, etc.

1888

Table with columns for station name, frequency, power, and other technical details. Includes stations like LK2, LK2, LK2, LK2, LK2, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like ZALV Zalesovo Beam, CMAR Chiang Mai Arr, E19K Redstone River, PDAR Pinedale Array, YBH Yreka Blue Hor, NVAR Mina Array Bea.

IDC 28 15:16:12.4.3.1, 9.56S, 112.84E, h0km, mb3.77, bmtmp3.7/8, ML3.5/1, MS4.1/2, Error ellipse: s-maj=166.8km s-min=18.5km az=48.0, DJA 28 15:16:15.4.0.4, 10.5.5x11.3E, h10km, M4.0/18, mb4.2/4, MLV3.9/18, NEIC 28 15:16:18.1.1.1, 9.6S, 101.112.88E, 0.07, h35km, 2km, mb4.3/8, Error ellipse: s-maj=18.8km s-min=10.7km az=167.0

ISC 28 15:16:17.2.0.6, 9.75S, 107.112.83E, 0.06, h36km, n46, r135/45, mb4.0/12, South of Jawa

Main table for 1889 with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like JAGI Jagaj, Banyuwa, PWJI Pajerwojo, BLJI Banyulugur, PCJI Pacitan, ABJI Asem Bagus, NGJI Ngawi, GRJI Gresik, SRJI Singaraja, UGJI Wanagama, UGM Wanagama, TBJI Tambak Boyo, SMRI Semarang, UWJI Ujung Watu, KPJI Karang Pucung, CMJI Cimerak, PLAI Plampang, WBSI Waikabubak, XMIS Christmas Isla, BSSI Bau Bau, Buton, SBUM Sibiu, GIRL Giralia, MBWA Marble Bar, TOLIZ Tolitoli, MYOM Kota Tinggi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WB0 Warramunga Arr, WB0 Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, FORT Forrest, CMAR Chiang Mai Arr, PMG Port Moresby, SONM Songoing Arr, MK31 Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, ABKAR Akbulak array, GNI Garm, NRIK Noril'sk, SOE Somerset East, KIV Kislovodsk.

IDC 28 15:18:20.8.0.9, 5.90S, 103.72E, h0km, mb4.3/18, bmtmp4.3/19, ML3.5/1, Error ellipse: s-maj=32.9km s-min=12.8km az=49.0, NEIC 28 15:18:20.4.1.9, 6.37S, 0.08x103.3E, 0.1, h1km, 3km, mb4.5/23, Error ellipse: s-maj=16.6km s-min=8.6km az=53.0, DJA 28 15:18:24.5.0.3, 6.3S, 3x10.4E, h10km, M4.5/12, mb4.5/7, MLV4.5/12, ISC 28 15:18:22.0.0.6, 5.99S, 106.103.67E, 0.05, h10km, n82, r140/76, mb4.5/27, 1C, Southern Sumatra

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like KASI Kota Agung, LWLI Liwa, BLSI Bandar Lampung, MNAI Manna, PMBI Palembang, CNJI Cibinong, LEM Lembang, PPSI Pulau Pagai, XMIS Christmas Isla, CMJI Cimerak, KPJI Karang Pucung, SISI Saibi, BKNI Bangkinang, BKNI Bangkinang, UGM Wanagama, UGM Wanagama, MYOM Kota Tinggi, PCJI Pacitan, GSI Gunungsitoli, KULM Kulim, TOLIZ Tolitoli, BATI Baunata, SOEI Soe.

Main table for 2018 OCT with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like PHRA Phrae, FITZ Fitzroy Crossi, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, D3GO Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, WR0 Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, COEN Coen, STKA Stephens Creek, KRSR Korea Array, MJAR Matsushiro Arr, NRN Naryn, SONM Songoing Arr, GAR Garm, MK31 Makanchi Array, MKAR Makanchi Array, USA0B Ussuriysk Arr, USKR Ussuriysk Arr, USKR Ussuriysk Arr, H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04S1 CROZET ISLANDS, H04S2 CROZET ISLANDS, KURBB Kurchatov Arra, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, BVAR Borovoye Array, BRVK Borovoye, ABKAR Akbulak array, ARTI Art, NRIK Noril'sk, BRTR Keskin Array B, AKASG Malin Array B, TROLL Troll, Antarti, KOLS Kolonic sedl, FIAI FINESS Array S, FINES FINESS Array S, LANS Lajptovska Anna, TXAR Lajptovska Anna, NEIC 28 15:36:11.3.1.3, 10.86N, 106.06E, 62.31W, 0.10, h85km, 6km, mb4.6/21, Error ellipse: s-maj=14.2km s-min=8.9km az=105.0, IDC 28 15:36:12.4.1.6, 9.37N, 62.62W, h168km, 16km, mb3.3/5, mb2.0.7, Error ellipse: s-maj=83.6km s-min=15.3km az=23.0, FUNV Funvisis Arr, ISC 28 15:36:10.9.0.8, 10.84N, 104.62W, 31W, 0.04, h90km, 7km, n82, r148/108, mb4.3/18, 1C-1D, Near coast of Venezuela

Main table for 28d 15h with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like PCRV Puerto La Cruz, PCRV Richmond Hill, SVOC Saint Vincent, SVT Belmont, SVB Belmont, SVB Belmont, SSVV Soufriere Volc, SSVV Crater Summit, SLAC Saint Lucia, A, SLAC Saint Lucia, B, SLBI Saint Lucia, B, SLBI Saint Lucia, B, BBGH Gun Hill, BIM Bigot, BIM Bigot, BIM Bigot, MPOF Morne Pois Mar, MPOF Morne Pois Mar, ILAM Ilet Lapin Mar, ILAM Ilet Lapin Mar, ILAM Ilet Lapin Mar, ILAM Ilet Lapin Mar, MERV Las Mercedes, FUNV Funvisis, FUNV Funvisis, TACV Tcata, TACV Tcata, TDBA Terre de Bas, TDBA Terre de Bas, LUEV Luepa, LUEV Luepa, MAGL Barre de l'ile, CBE Yf, Capeste, BENV Bein, CACV CAICARA DEL OR, CACV CAICARA DEL OR, GDHS Morne Mazeau, GDHS Morne Mazeau, TURV Turiamo, TURV Turiamo, GDSO La Desirade Is, GDSO La Desirade Is, MBFL Flemmings, Mon, MBFL Flemmings, Mon, BAUV El Baul, BAUV El Baul, BAUV El Baul, MAPV Macapao, MAPV Macapao, ANBD Bethesda, Anti, ANBD Bethesda, Anti, JACV Jacura, JACV Jacura, Saint Kitts, Saint Kitts, PDPDR Paitillas Dam, PDPDR Paitillas Dam, HUMP Col San Antoni, HUMP Col San Antoni, CELP Cerrillos, CELP Cerrillos, BOAV Boa Vista, BOAV Boa Vista, SICOV Socops, SICOV Socops, MDP Montagnes des, MDP Montagnes des, MDP Montagnes des, SAML Samuel, SAML Samuel, GO01 Chuzmiza, GO01 Chuzmiza, P49A Miami Univ, Ec, P49A Miami Univ, Ec, P49A Covington, P49A Covington, O49A Mont Tremblant, O49A Mont Tremblant, TRQ TRQ, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, S39A Bolivar, S39A Bolivar, SDCO Fred Sand Dun, SDCO Fred Sand Dun, S2ZA AJUR Ranch, Cre, S2ZA AJUR Ranch, Cre, P18A Preston Nutter, P18A Preston Nutter, SRU San Rafael Swe, SRU San Rafael Swe, SRU San Rafael Swe, DGMT Dagmar, DGMT Dagmar, DGMT Dagmar, PD05 Currie, PD05 Currie, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, MOOV Moose Ponds, MOOV Moose Ponds, YHL Hebglen Lake, YHL Hebglen Lake, YHL Hebglen Lake, NVAR Mina Array Bea, NVAR Mina Array Bea, BMRD Maredous, BMRD Maredous, NOA NORAS Array B, NOA NORAS Array B, SPB5 Spitsbergen Ar, SPB5 Spitsbergen Ar, SPA1 Spitsbergen Ar, SPA1 Spitsbergen Ar, F25K Christian River, F25K Christian River, ILAR Eielson Array, ILAR Eielson Array, I23K Minto, Yukon-K, I23K Minto, Yukon-K, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array S, FINES FINESS Array S, KRII Keri, KRII Keri, LTHK Lithakia, LTHK Lithakia, LTHK Lithakia, LTHK Lithakia, LTHK Lithakia, LTHK Lithakia, RTZL Ratzakli, Kefa, RTZL Ratzakli, Kefa, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, VLS valsamata, VLS valsamata.

28d 16h

Table of astronomical observations for the 28-day 16-hour period, listing station names, codes, and various parameters.

2018 OCT

Main table of astronomical observations for October 2018, including station names, codes, and observation details.

1890

Table of astronomical observations for the year 1890, including station names, codes, and observation details.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZALV, MKAR, and various beam data.

ADC 28:16:35:55.2-1.9, 37:23N:20:30E, h0km, mb3.7/6, mblmp3.6/10, MLO.4/1, Error ellipse: s-maj=31.2km, s-min=20.5km, az=15.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KERI, LTHK, PSDA, VLS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LTHK, RTZL, PSDA, VLS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VLS, LTHK, LXR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DMLN, RLS, FSK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DRO, PYL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ITM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EVGI, DRAG, NYDR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TSULK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KLV, EFP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ALIK, GUR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KALE, ANX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AXAR, THL, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like THL, IDI, VAE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MLR, AKAS, HFS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BELG, FINES, NOA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KERI, LTHK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LTHK, PSDA, VLS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LXR, DMLN, FSK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DRO, PYL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ITM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EVGI, NYDR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TSULK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KLV, EFP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUR, KALE, ANX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AXAR, THL, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDI, EIL, HFS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FINES, NOA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KURBB, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GLKZ, HAZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAZ, PUKETI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GSPA, TROLL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like UPA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PTAC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOLC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like UREX, etc.

28d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H113 WAKE ISLAND Hy 24.01 99 T, H1133 WAKE ISLAND Hy 24.23 102 T, etc.

BUI 28 16:53:40.8, 8.55N:93.71E, h20km, mb4.6/39, mB5.1/12, Ms4.5/5, Ms7 4/25
IDC 28 16:53:41.7, 0.6, 8:87N:93.77E, h0km, mb4.2/23, mblmp4.2/24, ML4.5/1, MS3.6/36, Error ellipse: s-maj=21.3km s-min=14.1km az=59.0
NEIC 28 16:53:43.5, 1.3, 8:79N:100.08:93.8E:0.1, h10km, 1km, mb4.8/31, Error ellipse: s-maj=19.3km s-min=10.5km az=240.0
NDI 28 16:53:44.6, 9.05N:94.36E, h10km, mb4.6, ML4.2, mB4.8/NEIC
DJA 28 16:53:47.5, 0.4, 9.1N:4.9:9.4E:1, h174km, 15km, M4.8/8, mB5.3/5, mb4.6/8, MLV4.87, Mw(mB)4.7/5
ISC 28 16:53:45.4, 0.4, 8.89N, 100.04:93.85E:0.06, h22km, m133, 0.169/109, mb4.5/46, MS3.6/35, 2C-3D, Nicobar Islands region

Main table of station data for 28d 17h, including stations like CMBY CAMPBELL BAY, PBA Port Blair, LHMI Lhok Sumawe, etc.

28 OCT

Main table of station data for 28 OCT, including stations like DHRM DHARAMSHALA, KAPI Kappang, LYN LuoYang, etc.

1892

Table of station data for 1892, including stations like BOSA Boshof, ZVC Zvikov, GERS GERESS Array B, etc.

NEIC 28 17:18:51.5, 1.6, 40:55N:0.10:127:1W:0.1, h10km, 2km, ML3.2/46, Error ellipse: s-maj=18.0km s-min=13.5km az=2.0
IDC 28 17:18:58.4, 3.6, 41:52N:126:77W, h0km, mb3.7/2, mblmp3.5/4, ML3.8/2, MS3.1/9, Error ellipse: s-maj=90.4km s-min=16.2km az=13.0
ISC 28 17:18:54.2, 1.5, 40:61N:0.09:126:81W:0.08, h10km, n43, 0.130/30, MS3.4/3, Off coast of northern California

Main table of station data for 1892, including stations like KMPM Mount Pierce, JCC Jacoby Creek, KJPC Kump, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ANMO Albuquerque, ILAR Eielson Array, SADO Sadowa, H1N1 WAKE ISLAND Hy 59.60 271 T, etc.

TIR 28 17:21:22.0, 37:10N-20:30E, h10km, 3km, Md3.4, M14.0
IDC 28 17:21:26.3, 0.9, 37:52N-20:63E, h0km, mb3.6/11,
mbmp3.5/19, ML3.5/6, Error ellipse: s-maj=17.6km
s-min=15.1km az=7.0

THE 28 17:21:27.5, 37:41N-20:47E, h12km, 1km, ML3.6/7, Error
ellipse: s-maj=1.6km s-min=0.5km az=40.0

NAO 28 17:21:50.7, 40:15N-19:23E, h10km, mb3.2
ISC 28 17:21:28.7, 1.6, 37:47N-05:20.60E, 0.04, h17km, 10km,
n49, r174/62, mb3.4/11, Ionian Sea

Main table for 1893 containing station data and observations for stations like KR11 KERI, LTHK Lithakia, RTZL Ratzakli, etc.

Table for 1893 containing station data for CMAR Chiang Mai Arr, ILAR Eielson Array, ASAR Alice Springs, etc.

IDC 28 17:31:50.9, 1.0, 35:58N-140:91E, h0km, mb3.6/8,
mbmp3.6/11, ML3.1/3, MS2.3/1, Error ellipse:
s-maj=25.7km s-min=16.7km az=80.0

JMA 28 17:31:52.6, 0.2, 35:88N-140:91E, 0.7, h10km, MD3.8/38,
MW3.8/38, NEAR CHOSHI CITY

JMA Fell II J1 at NEAR CHOSHI CITY
NIED 28 17:31:52.6, 35:76N-140:86E, h10km, MW3.7, Moment
Tensor Solution, s3, Moment tensor: Scale 10^14Nm;

ISC 28 17:31:51.7, 1.4, 35:73N-03:140:89E, 0.06, h6km, 9km,
n73, r086/28, mb3.6/4D, Near east coast of eastern
Honshu

Main table for 1893 containing station data and observations for stations like JSMT Samumatsuo, JIHU Itakhorinouch, JCN Nagara, etc.

JSN 28 17:36:09.0, 0.6, 18:03N-77:84W, h24km, 39km, MD3.2
SSNC 28 17:36:10.4, 0.9, 18:09N-77:76W, h25km, 6km, MD2.9,
ML2.5

ISC 28 17:36:09.1, 1.6, 18:20N-01:77:74W, 0.06, h32km, 10km, n9,
ML2.5, J2D, Jamaica region

Main table for 1893 containing station data and observations for stations like MTJD Mount Denham, STH Stony Hill, HOJ Hope, etc.

Table for 1893 containing station data and observations for stations like CMAR Chiang Mai Arr, H0ES3 Diego Garcia H, H0ES2 Diego Garcia H, etc.

NAO 28 17:40:18.3, 37:33N-22:88E, h10km, mb4.1
NEIC 28 17:40:19.3, 2.8, 37:1N-0:1:20:56E-0:10, h10km, 2km,
mb4.5/7, Error ellipse: s-maj=19.0km s-min=11.4km
az=153.0

IDC 28 17:40:20.9, 0.9, 37:49N-20:60E, h0km, mb3.9/14,
mbmp3.8/22, ML3.5/7, MS3.2/5, Error ellipse:
s-maj=17.2km s-min=14.2km az=8.0

THE 28 17:40:24.6, 37:57N-20:54E, h0km, 4km, ML3.9/9, Error
ellipse: s-maj=4.7km s-min=0.7km az=216.0

MCSM 28 17:40:37.5, 2.5, 38:18N-23:21E, h10km, mb4.2, mb4.2,
ISC 28 17:40:23.9, 1.2, 37:53N-05:20:57E, 0.04, h17km, 7km,
n124, r197/126, mb3.9/16, 9C-7D, Ionian Sea

Main table for 1893 containing station data and observations for stations like KR11 KERI, LTHK Lithakia, RTZL Ratzakli, etc.

CUC Castrocucco, PUK Puka, PEHC Pehcevo, MMB Musomishita, etc.

Main table for 1893 containing station data and observations for stations like RAFF Raffo Rosso, PDG Podgorica, RZN Rozhen, etc.

28d 17h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BURAR Bucovina Array, MOA Molin, BIOA Bad Ischl, AUs, LESA Schwarzleot, DAVOX Davos/Dischmal, etc.

IDC 28 17:48:44.6:1.1, 4.82S:150.00E, h0km, mb3.6/5, mbtmp3.6/6, ML2.1/1, MS2.9/2, Error ellipse: s-maj=67.0km s-min=23.6km az=124.0, Bismarck Sea

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PMAFR Mafra, LIS Lisbo, PFVI Vila Bisbo, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PMAFR Mafra, LIS Lisbo, PFVI Vila Bisbo, etc.

1894

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ELOBO Moncorvo, MVO MVO, ESPR Espera, etc.

1895

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Signal de Mont, Savonnières en Baives, Fort de Pagny, etc.

KRNET 28 18:28:42.6:0.1, 41.83N:79.03E, h13km, mb2.8
SOME 28 18:28:42.3:1.1, 41.83N:79.00E, h15km
NINC 28 18:28:43.3:1.1, 41.92N:79.15E, h0km, mb3.7, mpv3.4

Main table for 1895 with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations and their parameters.

2018 OCT

Table with columns: KST, KasteK, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KasteK, Tokmak 2, etc.

NEIC 28 18:33:54.6:1.1, 19.3N:0.1:145.4E:0.1, h198km, 10km, mb4.0/16, Error ellipse: s-maj=20.6km, s-min=14.7km, az=76.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like Guam, Pohnpei, etc.

NEIC 28 18:33:57.5:5.6, 19.26N:145.48E, h234km, 56km, mb3.9/12, mbtmp3.9/13, Error ellipse: s-maj=22.5km, s-min=15.2km, az=93.0

ISC 28 18:33:54.4:0.6, 19.25N:0.08:145.4E:0.1, h200km, n29, mb4.0/23, mb3.8/17, Marianas Islands

Main table for 2018 OCT with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations and their parameters.

28d 18h

Main table for 28d 18h with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations and their parameters.

28d 19h

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SNA, BRTR, RTZL, PSDA, VLS, etc.

2018 OCT

Table with columns: IGT, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IGT, SRN, LSK, FNA, etc.

1986

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KR11, LTHK, RTZL, PSDA, VLS, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like WLY, KZN, LIT, RODP, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SOKA, BR106, BR104, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MNK, MNSK, MNSK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Kurchatov Arra, Makanchi, Zalesovo Beam, etc.

ISK 28 19:01:52.9, 35:92N, 28:65E, h17km, ML2.3/11
AFAD 28 19:01:54.0, 0.0, 36:02N, 28:50E, h6km, 3km, ML2.0
ISC 28 19:01:52.9, 1.1, 35:92N, 0:06, 28:56E, 0:1, h9km, 14km, n24, c070/30, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Kurchatov Arra, Makanchi, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Kurchatov Arra, Makanchi, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Puketiti, Te Kaha, Tauwhareparee, Raukumara Rang, Carnagh Statio, Matawai, Rimauihu, Rawiri, Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Paritu Road, Shannon Statio, Kaitake, Kautono, Rautahuna, Ruatuhuna, Murupara, Aarahi, Maungataniwha, Tahuroa Road, Moutakai, Moututapu North, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Cape Kidnapper, McNeill Hill, Kaweka Forest, North Tongariri, East Tongariri, Otutere, North Ngauruhoe, West Tongariri, South Ngauruhoe, Ngauruhoe, Maowhango, Whangape Hut, Far West T-bar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Mangataniwha R, Kaitake, Chatham Island, Greta Valley S, Lake Taylor, Rata Peaks, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Kurchatov Arra, Borovoye Arra, Fines, Fines Arr B, Borovoye Arra, Fines Arr B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Kurchatov Arra, Borovoye Arra, Fines, Fines Arr B, Borovoye Arra, Fines Arr B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for KLBRR Kellerberrin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for LMO1 Lskr Muir 01, LMO3 Lake Muir 03, LMO4 Lake Muir 04, RKGV Rocky Gully, LMO5 Lake Muir 05, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Vila Bisbo, Marneite, Sao Teotónio, Barranco-Do-Ve, Castro Verde, Messejana, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Barraquinhos, Estremoz, So Bento, Marv'??, Skhour des Reh, Casimiro, Conde, Castelo Branco, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Barraquinhos, Estremoz, So Bento, Marv'??, Skhour des Reh, Casimiro, Conde, Castelo Branco, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes entries for Barraquinhos, Estremoz, So Bento, Marv'??, Skhour des Reh, Casimiro, Conde, Castelo Branco, etc.

28d 20h

MLR	Muntele Rosu	9.11 24 Pn	Pn	19 57 55.8	-0.6
KEST	Kesra	9.28 264 Pn	Pn	19 58 00.2	+1.5
KEST		0.1nm,0.3s,baz=192,slow=23,SNR=1.1	LR	20 01 34.2	
HFS	Hagfors	23.32 351 P	P	20 00 49.6	-3.2
FINES	FINES Array B	24.43 6 P	P	20 01 02.1	-1.1
NB2	NORSAR Subarra	24.54 349 P	P	20 01 03.8	-0.5
NOA	NORSAR Array B	24.54 349 P	P	20 01 02.5	-1.9
TORD	Torodi Ar. Bea	29.42 220 P	P	20 01 48.7	+0.1
KURBB	Kurchatov Arra	42.66 53 P	P	20 03 39.9	-1.4
MKAR	Makanchi Array	45.66 58 P	P	20 04 04.3	-1.2

FUNV 28 20:00:03.4, 10.32N:62.13W, h5km, MW3.8
ISC 28 20:00:02.3-1.4, 10.30N:60.62-23W, 0.04, h12km±12km,
n34, r1945/54, Near coast of Venezuela

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Phase ID	h m s	ISC
TPP	Pointe-a-Pierre	0.76 88	Op	20 00 19.2	+0.3
PSM	Mucurapo Girls	0.78 61	eP	20 00 17.1	-0.2
TRN	Trinidad (W)	0.88 67	eP	20 00 18.6	-0.9
GRFF	Brigand Hill	1.16 81	eS	20 00 31.2	+0.3
GRFF	Grenada Fort F	1.81 15	eS	20 00 33.0	-0.2
GRFF	Grenville	1.91 17	eS	20 00 56.6	+0.5
GRGR	GRGR	1.93 17	eS	20 00 57.6	-1.0
GWRW	Mount Saint Ca	1.93 17	eP	20 00 36.2	+1.2
CUMV	Cumana_UDO	1.94 274	eP	20 00 36.9	-0.7
GRSS	Sisters	2.08 17	eP	20 01 03.2	+1.5
GRSS	Grenada, Carri	2.31 20	eP	20 01 02.7	+0.0
PCRV	Puerto La Cruz	2.38 267	eP	20 00 40.2	+0.0
PCRV	Puerto La Cruz	2.38 267	eS	20 00 42.8	+1.7
PCRV	Richmond Hill,	3.00 19	eP	20 01 12.7	+2.5
SVT	Saint Vincent	3.01 19	eP	20 00 49.8	+0.9
SVB	Belmont	3.11 18	eS	20 01 25.4	-0.5
SLAC	Saint Lucia, A	3.81 20	eP	20 01 31.6	+3.4
SLBI	Saint Lucia, B	3.90 18	eP	20 01 02.0	+1.2
MERV	Las Mercedes	4.14 256	eP	20 01 02.3	+0.3
BIM	Bigot	4.34 15	eP	20 01 06.6	+1.2
LUEV	Luepa	4.49 17	eP	20 01 09.1	+1.1
FUNV	FUNVISIS	4.51 273	eP	20 01 11.0	+0.8
TACV	Tcata	4.73 269	eS	20 02 01.5	-1.1
CACV	CAICARA DEL OR	5.05 238	eP	20 02 03.8	+0.8
BENV	Bein	5.30 267	eP	20 02 08.0	+2.2
TURV	Turiamo	5.53 272	eP	20 01 15.6	+2.2
TBG	Guadaloupe-3	5.55 6 P	eP	20 02 26.5	-1.4
BAUV	Ei Baul	5.89 257	eP	20 01 26.6	+1.8
BAUV	Ei Baul	5.89 257	eS	20 01 30.0	+0.6
MAPV	Macapao	5.15 266	eP	20 02 34.9	-2.0
ANBD	Bethesda, Anti	6.73 4	eP	20 01 30.1	+0.6
SOCV	Socops	8.75 258	eP	20 01 34.7	+1.6
SOCV			eS	20 02 41.8	-1.6
			eS	20 01 41.7	+0.8
			eS	20 02 09.0	+0.3
			eS	20 03 42.1	-5.2

IDC 28 20:13:08.3-1.3, 37.57N:20.97E, h0km, mb3.4/4,
mbmp3.5/8, ML3.2/2, Error ellipse: s-maj=24.7km
s-min=21.0km az=135.0

ATH 28 20:13:12.9, 37.49N:20.88E, h8km, mb3.5/3, Error
ellipse: s-maj=5.5km s-min=1.0km az=263.0

THE 28 20:13:12.1, 37.53N:20.88E, h15km, 1km, ML3.2/7, Error
ellipse: s-maj=1.5km s-min=0.6km az=19.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Phase ID	h m s	ISC
KRI1	KERI	0.14 335	Op	20 13 16.1	+0.1
LTHK	Lithakia	0.18 346	P	20 13 18.7	-0.2
LTHK	Lithakia	0.18 346	P	20 13 16.6	+0.1
LTHK	Lithakia	0.18 346	P	20 13 20.9	+0.3
LTHK	Lithakia	0.18 346	P	20 13 16.9	+0.4
LTHK	Lithakia	0.18 346	P	20 13 20.9	+1.2
LTHK	Lithakia	0.18 346	P	20 13 21.0	
LTHK	Lithakia	0.18 346	P	20 13 21.2	
RTZL	Ratzakli, Kefa	0.55 350	P	20 13 22.0	-0.7
PSDA	Pessada-Kefalo	0.62 337	P	20 13 31.1	+1.0
PSDA	Pessada-Kefalo	0.62 337	P	20 13 24.8	+0.6
PSDA	Pessada-Kefalo	0.62 337	P	20 13 33.5	+0.9
PSDA	Pessada-Kefalo	0.62 337	P	20 13 25.6	-0.1
VLS	Valsamata	0.68 340	P	20 13 34.7	-0.5
VLS	Valsamata	0.68 340	P	20 13 24.6	-0.4
VLS	Valsamata	0.68 340	P	20 13 35.1	+0.7
VLS	Valsamata	0.68 340	P	20 13 26.4	0.0
VLS	Valsamata	0.68 340	P	20 13 36.5	-0.1
VLS	Valsamata	0.68 340	P	20 13 36.6	-0.1
RLS	Riolos of Patr	0.69 41	P	20 13 39.8	
RLS	Riolos of Patr	0.69 41	P	20 13 25.9	+0.5
RLS	Riolos of Patr	0.69 41	P	20 13 36.3	-0.5
RLS	Riolos of Patr	0.69 41	P	20 13 26.4	-0.1
RLS	Riolos of Patr	0.69 41	P	20 13 27.8	+0.6
RLS	Riolos of Patr	0.69 41	P	20 13 38.1	+0.3
RLS	Riolos of Patr	0.69 41	P	20 13 41.5	
DMLN	Damolouliana-K	0.88 3	P	20 13 43.0	
DRO	Drossia	0.77 57	P	20 13 27.6	-0.1
DRO	Drossia	0.77 57	P	20 13 37.7	+0.5
DMLN	Damolouliana-K	0.88 3	P	20 13 28.0	+0.3
DMLN	Damolouliana-K	0.88 3	P	20 13 28.0	+0.7
DMLN	Damolouliana-K	0.88 3	P	20 13 39.6	-0.2
DMLN	Damolouliana-K	0.88 3	P	20 13 28.8	+0.5
ITM	Ithomi	0.90 113	P	20 13 29.2	+0.4
ITM	Ithomi	0.90 113	P	20 13 42.1	+0.8
ITM	Ithomi	0.90 113	P	20 13 29.8	+0.4
PYL	PYLOS	0.93 133	P	20 13 31.2	-0.1
PYL	PYLOS	0.93 133	P	20 13 42.5	+1.1
PYL	PYLOS	0.93 133	P	20 13 29.8	+0.5
KLMT	Kalamata	1.05 117	P	20 13 31.2	-0.1
KLV	Kalavryta, Ach	1.12 63	P	20 13 34.3	+0.8

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IDI	Anoyia	3.93 124 Pn	Pn	20 14 11.3	+0.1
IDI	Valguamera	5.15 271 Pn	Pn	20 14 55.9	-0.9
VAE	VAE	comp=N,1.5nm,0.3s,baz=310,slow=13,SNR=2.0	S	20 14 29.6	+1.6
VAE	VAE	comp=N,0.8nm,0.6s,baz=110,slow=15,SNR=1.4	S	20 15 26.6	-0.3
MLR	Muntele Rosu	8.60 24 Pn	Pn	20 15 17.2	-0.9
KEST	Kesra	9.45 262 Pn	Pn	20 15 27.4	+0.4
HFS	Hagfors	23.08 351 P	P	20 18 14.9	-1.1
FINES	FINES Array B	24.15 6 P	P	20 18 25.3	-1.0
TORD	Torodi Ar. Bea	29.72 220 P	P	20 19 15.6	-1.3
MKAR	Makanchi Array	45.39 58 P	P	20 21 28.0	-1.0

KRSC 28 20:14:08.9-2.0, 59.03N:158.36E, h19km±17km, ML3.6
NERIS 28 20:14:21.9, 58.82N:158.02E, h27km
ISC 28 20:14:12.4-0.8, 58.77N:158.00E:0.03, h10km, n21,
r191/35, Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Phase ID	h m s	ISC
PALN	Palana	0.53 53	Op	20 14 25.8	-0.2
PALN	Palana	0.53 53	Op	20 14 35.5	+0.5
TIGL	Tigil	1.04 194	eP	20 14 32.6	+0.1
TIGL	Tigil	1.04 194	eS	20 14 48.0	+0.3
OSSR	Ossora	2.08 75	eP	20 14 49.4	-0.7
CSRS	Sredinnyy	2.48 173	eP	20 15 19.1	+0.1
SRDR	Sredinnyy	2.48 173	eS	20 15 21.9	-1.9
KRKR	Krestovskiy	2.67 163	eP	20 15 29.2	+1.6
KRKR	Krestovskiy	2.67 163	eS	20 15 00.3	-0.1
KOZ	Kozyrevsk	2.75 172	eP	20 15 37.3	-0.9
ESR	Koziyevsk	2.87 185	eP	20 14 59.0	+2.4
KPT	Kopet	2.87 185	eP	20 15 56.5	+1.4
KIRR	Kirishe	2.90 167	eP	20 15 00.4	+1.7
BZMR	Bezmyannaya	2.94 165	eP	20 15 02.7	-1.6
BZGR	Bezmyanniy-Gr	2.96 163	eP	20 15 03.7	-2.7
BZNR	Bezmyanniy-Pe	2.96 165	eP	20 15 04.7	-0.7
KMINR	Kamenistaya	3.08 169	eP	20 15 04.3	-3.1
OMS	Omsukchan	4.11 338	eSg	20 16 25.1	+0.9
OMS	Omsukchan	4.11 338	eSg	20 16 32.7	
GADL	Gadlja	4.13 286	eP	20 15 15.1	-0.3
GADL	Gadlja	4.13 286	eP	20 15 29.1	-0.2
GADL	Gadlja	4.13 286	eSg	20 16 16.7	+1.8
GADL	Gadlja	4.13 286	eSg	20 16 39.5	
GADL	Gadlja	4.13 286	eSg	20 16 39.5	
TLAR	Talaya	4.14 308	eP	20 16 39.5	
TLAR	Talaya	4.14 308	eP	20 15 19.2	+3.5
TLAR	Talaya	4.14 308	eP	20 15 29.1	-2.6
TLAR	Talaya	4.14 308	eP	20 15 33.7	
TLAR	Talaya	4.14 308	eS	20 16 03.1	-1.0
TLAR	Talaya	4.14 308	eS	20 16 18.9	+3.5
MA2	Magadan	4.39 284	eP	20 16 23.2	
MA2	Magadan	4.39 284	eSg	20 15 36.5	0.0
MA2	Magadan	4.39 284	eSg	20 16 24.0	+1.4
MA2	Magadan	4.39 284	eSg	20 16 38.0	
MGD	Magadan	4.49 290	e	20 15 20.6	+0.1
MGD	Magadan	4.49 290	eSg	20 16 26.1	+0.7
MGD	Magadan	4.49 290	eSg	20 16 29.0	
MGD	Magadan	4.49 290	eSg	20 16 29.0	
SEY	Seymchan	5.33 324	eP	20 16 29.0	
SEY	Seymchan	5.33 324	eP	20 15 48.0	+0.5
SEY	Seymchan	5.33 324	eP	20 17 01.0	+2.2
SEY	Seymchan	5.33 324	eP	20 17 01.0	+2.2
TLON	Talon	5.48 285	eSg	20 16 58.5	+4.8
TLON	Talon	5.48 285	eSg	20 17 10.2	
SUUS	Susuman	6.71 311	e	20 15 50.2	-0.8
SUUS	Susuman	6.71 311	e	20 16 23.9	
SUUS	Susuman	6.71 311	e	20 17 45.5	-2.1
SUUS	Susuman	6.71 311	eSg	20 18 00.1	
SUUS	Susuman	6.71 311	eSg	20 18 00.1	
SUUS	Susuman	6.71 311	eSg	20 18 00.1	

IDC 28 20:16:15.1-1.3, 37.44N:20.16E, h0km, mb3.7/6,
mbmp3.7/9, ML1.0/2, Error ellipse: s-maj=25.7km
s-min=20.4km az=144.0

ATH 28 20:16:19.3, 37.41N:20.52E, h7km, 1km, ML3.3/11, Error
ellipse: s-maj=2.0km s-min=0.9km az=56.0

THE 28 20:16:19.9, 37.45N:20.47E, h7km, 3km, ML3.5/6, Error
ellipse: s-maj=3.3km s-min=0.9km az=42.0

ISC 28 20:16:15.9-1.4, 37.36N:20.04:20.32E, 0.04, h6km, n9km,
n38, r097/64, mb3.9/5, Ionian Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Phase ID	h m s	ISC
KRI1	KERI	0.50 52	Op	20 16 26.6	-0.5
LTHK	Lithakia	0.54 49	P	20 16 31.1	-1.0
LTHK	Lithakia	0.54 49	P	20 16 27.2	-0.6
LTHK	Lithakia	0.54 49	P	20 16 33.2	-0.2
LTHK	Lithakia	0.54 49	P	20 16 27.1	+0.7
LTHK	Lithakia	0.54 49	P	20 16 32.0	-1.4
LTHK	Lithakia	0.54 49	P	20 16 34.5	
LTHK	Lithakia	0.54 49	P	20 16 34.5	
LTHK	Lithakia	0.54 49	P	20 16 34.5	
PSDA	Pessada-Kefalo	0.79 15	P	20 16 32.6	+0.6
PSDA	Pessada-Kefalo	0.79 15	P	20 16 42.9	0.0
PSDA	Pessada-Kefalo	0.79 15	P	20 16 32.2	+0.2
PSDA	Pessada-Kefalo	0.79 15	P	20 16 32.4	+0.5
RTZL	Ratzakli, Kefa	0.80 26	P	20 16 32.7	+0.4
RTZL	Ratzakli, Kefa	0.80 26	P	20 16 43.0	-0.4
VLS	Valsamata	0.85 14	P	20 16 33.3	+0.2
VLS	Valsamata	0.85 14	P	20 16 44.4	-0.3
VLS	Valsamata	0.85 14</			

1901

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PYL, ITHOMI, SMHA, LXR1, etc.

2018 OCT

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KARP, PLNA, BARS, VTS, etc.

28d 20h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AKASG, AKBB, AK04, etc.

28d 21h

Table with columns: BOVS, MPEP, INTR, ELL, NRCA, GUMA, FDMO, VOIR, MLR, etc. Each row contains station name, frequency, power, and other technical details.

IDC 28 21:36:07.21.5, 14.35S:73.08W, h68km, m3.5/5, mbmp3.7/4, Error ellipse: s-maj=41.5km s-min=10.2km az=33.0

ISC 28 21:36:08.0.9, 14.4S:0.1x73.04W:0.10, h83km, n10, a197/13, mb3.5/3.3, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NNA, LPAZ, LVC, SIV, etc.

IDC 28 21:36:48.7.3.5, 36.199N:19.70E, h0km, m3.5/5, mbmp3.5/9, ML2.1/2, Error ellipse: s-maj=61.1km s-min=25.7km az=45.0

ATH 28 21:36:56.2, 37.46N:20.49E, h9km, 2km, ML3.4/9, Error ellipse: s-maj=3.8km s-min=1.0km az=35.0

THE 28 21:36:57.2, 37.51N:20.55E, h8km, 2km, ML3.1/5, Error ellipse: s-maj=2.4km s-min=1.0km az=42.0

ISC 28 21:36:55.8.1.6, 37.46N:0.05:20.50E:0.05, h13km, 8km, n42, o563/58, mb3.5/6, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KRI1, LTHK, etc.

2018 OCT

Main table with columns: PSDA, VLS, VLS, VLS, VLS, etc. Each row contains station name, frequency, power, and other technical details.

ISK 28 21:44:00.9, 38.20N:26.85E, h13km, ML3.5/20 THE 28 21:44:01.2, 38.19N:26.85E, h5km, 2km, ML3.5/4, Error ellipse: s-maj=2.1km s-min=0.8km az=212.0

AFAZ 28 21:44:01.1, 0.0, 38.20N:26.82E, h15km, 1km, MW3.5 ATH 28 21:44:02.2, 38.17N:26.78E, h14km, 1km, ML3.3/7, Error ellipse: s-maj=3.1km s-min=0.9km az=240.0

ISC 28 21:44:01.1, 0.8, 38.20N:0.01:26.85E:0.02, h15km, 5km, n70, o552/114, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GMLD, DGB, etc.

ZEVE 28 21:44:01.2, 38.19N:26.85E, h5km, 2km, ML3.5/4, Error ellipse: s-maj=2.1km s-min=0.8km az=212.0

CESE 28 21:44:02.0, 38.17N:26.78E, h14km, 1km, ML3.3/7, Error ellipse: s-maj=3.1km s-min=0.9km az=240.0

ISC 28 21:44:01.1, 0.8, 38.20N:0.01:26.85E:0.02, h15km, 5km, n70, o552/114, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SMG, FOCM, etc.

1904

Table with columns: GCAM, GCAM, GCAM, CHOS, CHOS, CHOS, CHOS, CHOS, etc. Each row contains station name, frequency, power, and other technical details.

28d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PAB, NA001, FURI, MTE, TORO, KBL, GAR, KMBO, MK31, SPA3, USA0B, etc.

IDC 28 22:08:27.4 ± 1.8, 55°15'N, 166°13'E, h0km, mb3.5/3, mBmp3.6/5, ML3.5/2, MS2.6/1, Error ellipse: s-maj=57.7km

MOS 28 22:08:28.2 ± 0.8, 54°54'N, 166°15'E, h26km, mb4.0/1, Error ellipse: s-maj=10.8km s-min=7.1km az=170.0

KRSC 28 22:08:29.3 ± 1.8, 54°57'N, 165°99'E, h17km, 23km, M4.3 ISC 28 22:08:29.5 ± 0.9, 54°54'N, 166°41'E, 0.06, h26km, n74, α180/82, mb3.5/3, Komandorsky Islands region

Main station list table for 28d 22h with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Bering, Krutoberegovo, Semkarok, Zelenaya, etc.

2018 OCT

DJA 28 22:15:40.4 ± 2.1, 11°S, 9°11'E, h26km, 27km, M4.3/11, mb4.5/2, MLV4.2/11
IDC 28 22:15:42.4 ± 1.1, 0.7, 84S:115°60E, h258km, 118km, mb3.3/5, mBmp3.9/6, Error ellipse: s-maj=111.8km, s-min=25.2km az=59.0

Main station list table for 2018 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SRBI, DNP, JAGI, etc.

1906

Main station list table for 1906 with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SNJE, PMN, BOQS, SNET, etc.

Table with columns for station call letters, frequency, and other details. Includes stations like TXAR, OZNA, Z38A, 154A, FW07, 257A, Y49A, FW03, Z35A, SLBS, ABTX, GOGA, GOGA, X40A, Y52A, X48A, MIAR, LPIG, UALR, WTFS, SN05, PLAL, PLAL, ODSA, CSU, PECS, X51A, APMT, NHSC, NHSC, BAUV, VHRN, HODGE, HODGE, SWET, DKN5, JSC, JSC, W52A, Y57A, HALT, V48A, CRPR, WMOK, BG3, BG3, AGPR, CPCT, Y58A, ATAH, PAULI, PAULI, MNTX, WWT, WWT, WWT, UUPR, TUL3, TKL, TKL, BIRD, BIRD, OBIP, DEOK, HHAR, HRO, EMRP, KMSC, OK029, V53A, Y60A, MSTX, X58A, X58A, SMWD, U49A, IGPR, PDPB.

Table with columns for station call letters, frequency, and other details. Includes stations like W57A, OK048, AMTX, AMTX, HUMP, HUMP, MGMO, V55A, TZTN, TZTN, TZTN, T50A, W59A, U54A, S39A, HSIG, HSIG, V58A, U56A, U56A, CCM, CCM, CCM, CCM, 121A, 121A, R40A, PCRV, WCI, WCI, WCI, WCI, SLM, R49A, R49A, BLA, BLA, Y22D, Y22D, Y22D, R50A, Q44A, DUN6, T57A, S54A, ANMO, ANMO, ANMO, ANMO, BLO, BLO, TBGT, SSFO, T59A, T59A, KSU1, KSU1, P38A, P46A, TUC, TUC, TUC, TUC, R55A, R55A, CZ5B, CZ5B, CZ5B, P49A, P49A, T25A, T25A, Q54A, Q54A, R58B, R58B, SFIN, SFIN, HDIL, HDIL, Q48B, Q48B, Q48B, P53A, P53A, Q49A, Q49A.

Table with columns for station call letters, frequency, and other details. Includes stations like CBN, CBN, GDHS, S61A, ACSO, ACSO, NNA, NNA, NNA, PIX, PIX, O52A, SDCO, N47A, FDF, N49A, M44A, B1M, GDSD, O54A, P57A, P57A, MPOM, S22A, S22A, SCIA, L42A, Q24A, Q24A, L40A, MVCO, L46A, L46A, L44A, L44A, WUAZ, WUAZ, MVL, SSPA, SSPA, SSPA, K43A, AAM, JFWS, JFWS, JFWS, JFWS, JFWS, ISCO, BBGH, ESJX, BLYC, TEFE, N58A, BBSR, BBSR, U15A, U15A, W13A, W13A, W13A, J47A, M57A, M57A, M57A, CBX, CBX, I40A, I40A, I42A, I42A, BRNJ, N23A, N23A, WVNY, ECSD, ECSD, ECSD, I45A, BOAV, BOAV, BOAV, ODNJ, ODNJ, O20A, TPFO, TPFO, PFO.

1909

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PFO, TRNY, PAL, V12A, N62A, etc.

2018 OCT

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BCW, BGU, SPOT, LONY, LONY, LONY, etc.

28d 22h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MCCC, MCCC, MCCC, WVOR, WVOR, WVOR, etc.

28d 22h

Table with columns for station name, frequency, and signal strength. Includes stations like Limon Verde, La Punta, Las Melosas, San Joaquin, Villa Florida, etc.

2018 OCT

Table with columns for station name, frequency, and signal strength. Includes stations like La Punta, Las Melosas, San Joaquin, Villa Florida, etc.

1910

Table with columns for station name, frequency, and signal strength. Includes stations like Paso Flores, Atin, Teslin, Yukon, etc.

1911

Table with columns: ID, Name, Elevation, Location, Direction, Date, Time, and other details. Includes entries like CTGM Chitina Glacie, CTG Chitina Glaciers, K29M Barlow Dome, etc.

2018 OCT

Table with columns: ID, Name, Elevation, Location, Direction, Date, Time, and other details. Includes entries like HARP HAARP, I27K Kandik River, GLI Glacier Island, etc.

28d 22h

Table with columns: ID, Name, Elevation, Location, Direction, Date, Time, and other details. Includes entries like ICESG Greenland Ice, OHAK Old Harbor, D27M Malcom River, etc.

1913

Table with columns for location (e.g., LIS, LISBON, LISBON), time (e.g., 75.34), distance (e.g., 53), elevation (e.g., eP), and other data points.

2018 OCT

Table with columns for location (e.g., ODD1, ODD1, ODD1), time (e.g., 82.52), distance (e.g., 30), elevation (e.g., eP), and other data points.

28d 22h

Table with columns for location (e.g., JETT, ECH, ECH), time (e.g., 85.54), distance (e.g., 42), elevation (e.g., P), and other data points.

28d 22h

Table with columns for code, name, time, and various performance metrics. Includes entries like CASP Castiglione de, GEC2 GERESS Array B, GERES GERESS Array B, etc.

2018 OCT

Table with columns for code, name, time, and various performance metrics. Includes entries like WDD Wied Ladam, CEL Celeste, KWP Kalwaria Pacla, etc.

1914

Table with columns for code, name, time, and various performance metrics. Includes entries like ARTI, BRTR Keskin Array B, WKZ Wanaka, etc.

1915

Table of earthquake data for 1915, including station names like BJI, BJT, TAU, CAN, etc., and their corresponding magnitudes and times.

2018 OCT

Table of earthquake data for 2018 OCT, including station names like BBOO, CNSH, DHRM, etc., and their corresponding magnitudes and times.

28d 22h

Table of earthquake data for the last 28 days and 22 hours, including station names like WBSI, PLAI, MDRS, etc., and their corresponding magnitudes and times.

28d 23h

Table of astronomical observations for 28 days and 23 hours, listing station names, coordinates, and observation details.

2018 OCT

Main table of astronomical observations for October 2018, listing station names, coordinates, and observation details.

1916

Table of astronomical observations for 1916, listing station names, coordinates, and observation details.

Table with columns for call sign, name, frequency, mode, and other parameters. The table is organized into two main columns, with the left column containing call signs and names, and the right column containing frequencies and modes. The data is sorted by frequency.

28d 23h

Table with columns: Station, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SUW, SMOL, MODS, KURBB, KURK, etc.

2018 OCT

Table with columns: Station, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SPB2, CMAR, KULM, etc.

1918

Table with columns: Station, Frequency, Mode, Power, SNR, and other technical details. Includes stations like WKZ, MLZ, DCZ, etc.

KRNET 28 23:26:35.20.1, 39.32N-71.98E, h21km, mb2.2, 6C-4D,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and other technical details for the KRNET station.

NEIC 28 23:30:09.7z 1.9, 17.7S:0.1x178.7W:0.1, h55km, 7km, mb4.4/122, Error ellipse: s-maj=19.7km s-min=15.2km

IDC 28 23:30:11.9z 0.9, 17.69S:178.82W, h581km, 8km, mb3.7/14, mbmp4.6/16, Error ellipse: s-maj=18.3km s-min=13.0km

NOU 28 23:30:12.4, 17.69S:179.00W, h561km, mb4.4/10, Fiji Islands Region

ISC 28 23:30:09.0z 0.4, 17.74S:0.08E:178.72W:0.07, h547km, n212, 1z1201, mb4.4/18, 6C-8D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and other technical details for various stations in the ISC region.

Table with columns for station code, name, coordinates, and status. Includes stations like Q32M, CCB, F19K, ILAR, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like SQT, AVTA, FETA, FUORN, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like NUBE, MTO3, PETF, etc.

29d 0h

Table of station data for 29d 0h, including columns for station name, coordinates, and various parameters like Sg, P, and SNR.

2018 OCT

Table of station data for 2018 OCT, including columns for station name, coordinates, and various parameters like DLBC, MSO, and TOAD.

1920

Table of station data for 1920, including columns for station name, coordinates, and various parameters like ETNH, Tongmen, and ETM.

1921

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like LTHK, RTZL, PSDA, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like DMLN, FSK, RLS, etc.

29d 1h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like JHJ2, JHJ3, JHJ4, etc.

29d 1h

Table with columns for station code, name, time, and various status indicators. Includes stations like Tenmabayashi, Tsushima, Minamidaito 2, etc.

2018 OCT

Table with columns for station code, name, time, and various status indicators. Includes stations like Taipei, Taichung, Taoyuan, etc.

1922

Table with columns for station code, name, time, and various status indicators. Includes stations like ZEA, ZEA, ZEA, etc.

1923

Table with columns for station call letters, frequency, and signal strength. Includes stations like LZH, YAK, and SHYM.

2018 OCT

Table with columns for station call letters, frequency, and signal strength. Includes stations like GOMU, SBUM, and BILL.

29d 1h

Table with columns for station call letters, frequency, and signal strength. Includes stations like K13K, MK31, and MKAR.

29d 1h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like N16K Nishlik Lake, E17K Hotham Inlet, G17K Kiwalik Mouta, etc.

2018 OCT

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like L19K White Mountain, L19K White Mountain, KUU Kurty, etc.

1924

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like USP Osenovka, BTLS Baital, BTLS Baital, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Kiev, Malin Array Si, Big Mountain B, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Pahroc Range, Girov, Morshin, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Papeete, Papeete2, Papeete3, etc.

29d 1h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BRG, HERR, DIM, FTG, SMOL, etc.

2018 OCT

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PEHC, SUSU, Q2SA, ARZBERG, etc.

1928

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SQTA, BGES, UBR, RCHB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Row: MKAR Makanchi Array 45.75 58 P P 02 59 58 -2.2

1931 0.1nm,0.3s
MKAR Makanchi Array 45.75 58 P P 02 59 58 -2.2
0.4nm,0.7s,baz=278,slow=7.2,SNR=2.2
0.4nm,0.7s

1931 03:02:22.1-6.2,37.09N-20.25E,h0km,mb3.7/4,
mbmp3.6/5,ML3.5/1,Error ellipse: s-maj=108.5km
s-min=47.9km az=40.0

1931 03:02:28.6,37.37N-20.38E,h0km,1km,ML3.2/6,Error
ellipse: s-maj=2.1km s-min=0.6km az=234.0

1931 03:02:29.4,37.43N-20.51E,h13km,3km,ML3.3/6,
Manual Solution by I.Dede This location: 2020/06/25
08:52:29 ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 2 km

1931 03:02:28.9,37.37N-20.51E,h17km,6km,
ISC 29 03:02:28.9,37.37N-20.51E,h17km,6km,
n49,+132/64,mb3.7/4,Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: LTHK Lithakia, LTHK Pessada-Kefalo, PSDA Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: FSK Fiskardo, DRO Drossia, DRO Drossia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: EVGI Lefkada island, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: NYDR Nydri-Lefkada, LKRD Lefkada island, LKRD Lefkada island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows: NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, etc.

Table with columns: MGMO Mountain Grove, IAML, Time, Res. Row: MGMO Mountain Grove 1.09 253 IAML 03 13 49.1

Table with columns: MGMO Mountain Grove, IAML, Time, Res. Row: MGMO Mountain Grove 1.09 253 Pg Pb 03 13 29.8 -1.3

Table with columns: MGMO Mountain Grove, IAML, Time, Res. Row: MGMO Mountain Grove 1.09 253 Pg Pb 03 13 29.8 -1.3

Table with columns: MGMO Mountain Grove, IAML, Time, Res. Row: MGMO Mountain Grove 1.09 253 Pg Pb 03 13 29.8 -1.3

Table with columns: MGMO Mountain Grove, IAML, Time, Res. Row: MGMO Mountain Grove 1.09 253 Pg Pb 03 13 29.8 -1.3

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Table with columns: MGMO Mountain Grove, IAML, Time, Res. Row: MGMO Mountain Grove 1.09 253 Pg Pb 03 13 29.8 -1.3

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

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Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: PLCA Paso Flores, LROS LROS Currie, Time, Res. Row: PLCA Paso Flores 33.66 282 P P 03 25 17.4 -1.0

Table with columns: Station Name, Frequency, Mode, Power, Date/Time, and other technical details. Includes stations like OTAV, TORO, KMB0, ODZ, LBZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, Date/Time, and other technical details. Includes stations like DAWY, I29M, BVCV, SONM, H29M, CRQE, G29M, M27K, etc.

Table with columns: Station Name, Frequency, Mode, Power, Date/Time, and other technical details. Includes stations like Q19K, E24K, SKT, H23K, N20K, C24K, D24K, BPAW, G23K, MLY, E23K, TOLK, COLD, Q18K, PPLA, CAST, M20K, O19K, H22K, R17L, Q17K, CHUM, D23K, C23K, P18K, G22K, N19K, O18K, L20K, E22K, F22K, Q16K, H21K, R16K, P17K, K20K, L19K, D22K, N18K, J20K, G21K, F21K, M18K, B22K, SDPT, TTA, A22K, M17K, F20K, J18K, A21K, H19K, N16K, GCSA, D20K, L17K, G19K, M16K, K17K, E19K, F19K, N15K, L16K, H18K, J17K, G18K, O14K, M15K, N14K, F18K, H17K, J16K, UNV, A19K, I17K, L15K, M14K, E18K, G17K, K15K, C18K, E17K, G16K, etc.

1933

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RDOG Red Dog Mine, C17K DeLong Mountain, D17K Noatak River, ANM Nome, P08K Saint George I, SPIA Saint Paul Isl, GAMB Gambell.

IDC 29 03:22:28.1+1.2, 58.63S:25.15W, h0km, mb4.1/6, mbtmp4.1/7, ML4.1/1, Error ellipse: s-maj=40.0km s-min=28.8km az=18.0

NEIC 29 03:22:34.2+1.5, 58.56S:0.06:25.0W:0.4, h35km, 2km, mb4.5/20, Error ellipse: s-maj=32.8km s-min=6.8km az=75.0

ISC 29 03:22:32.0+2.7, 58.6S:0.1+25.2W:0.2, h28km, n45, c078/37, mb4.3/15, 7C, South Sandwich Islands region

Main table for 1933 containing station data and coordinates. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, SNA1 Sanae, BOA1 Boa Vista, DBIC Dimbokro, TORO Torodi Ar. Bea, etc.

IDC 29 03:28:40.8+0.9, 58.57S:25.24W, h0km, mb4.1/9, mbtmp4.1/10, ML3.9/1, Error ellipse: s-maj=29.6km s-min=23.4km az=55.0

NEIC 29 03:28:46.8+1.9, 58.5S:0.1+25.3W:0.3, h35km, 1km, mb4.4/18, Error ellipse: s-maj=28.6km s-min=14.3km az=49.0

ISC 29 03:28:46.1+0.6, 58.6S:0.1+25.3W:0.1, h38km, n49, c114/43, mb4.3/15, 5C, South Sandwich Islands region

Continuation of station data table for 1933, including stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer-Olym, SNA1 Sanae, BOA1 Boa Vista, etc.

2018 OCT

Main table for 2018 OCT containing station data and coordinates. Includes stations like BO01 Coma-Z, BO04 La Punta, MT09 Talagante, MT01 Popeta, HO4S2 CROZET ISLANDS, HO4S3 CROZET ISLANDS, etc.

IDC 29 03:30:04.9+0.4, 58.58S:25.09W, h0km, mb4.6/18, mbtmp4.6/19, ML4.9/1, MS4.2/10, Error ellipse: s-maj=20.7km s-min=13.0km az=47.0

NEIC 29 03:30:08.2+2.5, 58.7S:0.1+25.0W:0.2, h24km, 5km, mb4.9/66, Error ellipse: s-maj=18.5km s-min=14.0km az=48.0

GCMT 29 03:30:13.2+0.3, 58.80S:0.03:24.40W:0.03, h32km, MW5.0/91, Moment Tensor Solution, sb3.c78, s91.c128; Duration: 0 Moment tensor; Scale 10^16Nm; Mw: 5.91; 2.2; Mw: 1.03; 15; Mw: 4.94; 13; Mw: 0.69; 22; Mw: 0.01; 09; Mw: 0.11; 14; Best double couple; L6.50400:1016 NP1a:347.00000; 847.00000; 4.72.00000; NP2: 0.192.00000; 846.00000; 1.108.00000; Principal axes: T 4.0670, P1g77.00000, Azm183.00000; P -4.9410, P1g1.00000, Azm90.00000; nstai refers to body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-ruler function

ISC 29 03:30:06.2+0.3, 58.70S:0.07:24.96W:0.09, h10km, n42a, c191/403, mb4.8/44, MS4.2/8, 9C-1D, South Sandwich Islands region

Continuation of station data table for 2018 OCT, including stations like BO01 Coma-Z, BO04 La Punta, MT09 Talagante, etc.

29d 3h

Main table for 29d 3h containing station data and coordinates. Includes stations like ITAB Concordia, BI02 San Fabin de, MAW Maswon, ML02 Panimavida, BI05 Punta Hualpin, etc.

29d 3h

Table with columns for station name, elevation, wind speed/direction, and other weather data. Includes stations like BOAV, DBIC, DBIC, DBIC, DBIC, DBIC, OTAV, OTAV, OTAV, TORO, PCRV, BAUV, SDV, MRNZ, RNT, HUMP, CELP, TBI, STKA, STKA, PPT2, PPT2, CMIG, TAOE, ASAR, WRA, AKASG, Q24A, R11B, PDAR, ULM, CMAR, NVAR, FINES, ARCES, BVAR, MKARB, KURBB, YKA, YKA, TOAD, T35M, ZALV, CRAG, WRAK, DLBC, U33K, TGTN, R33M, Q32M, S32K, SIT, R12K, P33M, P33M, S31K, R31K, MMPY, N32M, SKAG, SKAG, SKAG, WHY, PLBC, FARO, M31M, O30N, P30M, P29M, P29M, N31M, A36M, HYT, N30M, O29M, PNL, PNL, YUK6, M30M, MAYO, YUK4, H31M, PINM, F30M, J31M, M29M, G31M.

2018 OCT

Table with columns for station name, elevation, wind speed/direction, and other weather data. Includes stations like O28M, YUK8, L29M, K29M, INK, I30M, TABL, MESA, YUK3, CTG, J29N, EPYK, G30M, F30M, DAWV, BVCV, I29M, SONM, TGL, H25M, CRQE, G29M, M27K, MCAR, KAIM, L27K, I28M, E29M, NRIK, M26K, EGAK, EGAK, BMRM, K27K, D28M, F28M, L26K, N25K, E28M, I27K, I27K, EYAK, H27K, G27K, HARP, J26L, SCRK, KLU, I26K, P23K, D27M, E27K, E27K, RIDG, GLI, PAX, M24K, K24K, G26K, SCM, J25K, PWL, M23K, F26K, PRP, KSRS, SEW, KNK, KNK, DHY, C27K, WAT8, SML, H25L, HDA, ILAR, PMR, PMR, F25K, BRSE, RC01, WAT1, C26K, KDAK, POKR, OHAK, COLA.

1934

Table with columns for station name, elevation, wind speed/direction, and other weather data. Includes stations like SII, HOM, M22K, MCK, H24K, H24K, G24K, CAPN, SUA, CUT, NEA2, CHIR, F24K, F24K, R18K, TRF, O20K, Q19K, SKT, E24K, P19K, H23K, N20K, SPCR, C24K, C24K, D24K, B24W, MLY, G23K, E23K, TOLK, Q18K, PPLA, COLD, CAST, CAST, M20K, R17L, Q17K, H22K, CHUM, D23K, C23K, G22K, O18K, L20K, CHNA, E22K, M19K, CHGN, Q16K, F22K, R16K, H21K, P17K, K20K, L19K, D22K, D22K, N18K, J20K, G21K, F21K, M18K, B22K, O17K, I20K, E21K, P16K, N17K, TTA, J19K, B21K, A22K, O16K, C21K, L18K, J18K, F20K, A21K, H19K, S12K.

Table with columns: ID, Name, Az, El, P, PKPab, Time, Res, ISC. Includes entries like E20K Nigu River, N16K Nishlik Lake, GCSA Galena City Sc, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like B105 Punta Hualpin, B105 Punta Hualpin, B104 Isla Mocha, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like BOAV Neumayer-1, VNA3 Neumayer-Olymp, VNA1 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like IDC 29 03:33:58.9, SIV San Ignacio, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like H03S1 Hots, H03S2 Juan Fernandez, H03S3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like VNA1 Neumayer-1, VNA3 Neumayer-Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like RSNC 29 03:35:48.5, TUMC Tumaco, PPLP Puerto Lpez, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like PLCA Paso Flores, PLCA San Esteban, LL06 Loncomilla, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like BDFB Brasilia, BDFB Brasilia, H10S2 ASCENSION HYDRO, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like AFAD 29 03:41:45.6, IZZE Mula-Seydike, IZBU Mula-Dalaman, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like PLCA Paso Flores, PLCA San Esteban, LL06 Loncomilla, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like BDFB Brasilia, BDFB Brasilia, H10S2 ASCENSION HYDRO, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like IDC 29 03:51:13.7, NEIC 29 03:51:14.2, NEIC 29 03:51:14.6, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like PLCA Paso Flores, PLCA San Esteban, LL06 Loncomilla, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes entries like BDFB Brasilia, BDFB Brasilia, H10S2 ASCENSION HYDRO, etc.

29d 4h

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like KUR, SHO, NEM2, JCH, ERM, etc.

2018 OCT

Table with columns: RES, pmax, pmax, and station details. Includes stations like SPITS Spitsbergen Ar, GAR Garm, SUMG Summit, etc.

1936

Table with columns: MT01, IAMB, IAMB, and station details. Includes stations like VA05 Santo Domingo, MT02 Curacav, etc.

29D 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSA Arzberg, DAVA Darnus, BIOA Bad Ischl, etc.

IDC 29 04:11:26.6:0.9, 5°33N, 126°45E, h0km, mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=78.9km s-min=22.1km az=70.0

ISC 29 04:11:35.5:0.9, 5°53N, 126°08E, 0.1, h66km, n9, r126/16, mb3.3/5, 1C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KCP Kidapawan, ASAR Alice Springs, MKAR Makanchi Array, etc.

UCR 29 04:14:06.3:1.5, 12°72N, 87°72W, h88km, 25km, MW3.8, CATAC 29 04:14:06.8:0.3, 12°43N, 87°82W, h38km, 5km, ML3.9

ISC 29 04:14:07.3:1.3, 12°46N, 007°87.82W, 0.05, h54km, 20km, n60, r0579/99, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CSGN Cosiguina Volc, EVIJ El Viejo, CRIN San Cristobal, etc.

2018 OCT

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RANC El Ranchito, CNGA AI SSO del Vol, LEVN Ruinas Leon Vi, etc.

IDC 29 04:16:47.9:2.8, 19°76S, 169°87E, h51km, 24km, mb3.7/7, mbmp4.0/9, ML4.5/2, MS3.7/13, Error ellipse: s-maj=34.3km s-min=16.8km az=153.0

NEIC 29 04:16:47.6:2.5, 19°58S, 01°169.95E, 0.05, h36km, 7km, mb4.4/9, Error ellipse: s-maj=18.6km s-min=2.4km az=158.0

NOU 29 04:16:49.5, 19°53S, 169°35E, h17km, MLv4.4/12, Vanuatu Islands

ISC 29 04:16:46.3:0.6, 19°61S, 006°169.81E, 0.08, h35km, n55, r1518/46, mb4.3/13, MS3.8/12, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DVP Devils Point, LFNC LIFOU, YATNC Mamie plateau, etc.

1938

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, NOUC Port Laguerre, URZ Urewera, etc.

MDD 29 04:21:28.8:0.3, 42°04N, 7°33W, h0km, mb Lg2.5/8, Error ellipse: s-maj=3.0km s-min=2.4km az=56.0

INMG 29 04:21:29.9:1.5, 42°02N, 7°36W, h4km, ML1.9, Error ellipse: s-maj=2.5km s-min=2.0km az=81.0

ISC 29 04:21:28.1:1.1, 42.04N, 002°7.34W, 0.02, h9km, 11km, n24, r054/42, 1C, Spain

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECAL Calabor, PBRG Braganca, ELOB Lobios, etc.

1939

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, SMC. Includes stations like COI Coimbra, EARI Arriondas, PCAS Casimilo, Conde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, SMC. Includes stations like PALAU INFRASON, H40PG Kerawat, 160US Wake Island.

Station information and coordinates for stations in the 1939 section, including details like 's-maj=252.7km s-min=97.1km az=151.0, Western Caroline Islands'.

Main table for the 1939 section, listing station codes, names, coordinates, and other parameters. Includes stations like FETHIYE, DALYAN, MUGLA, etc.

2018 OCT

Main table for the 2018 OCT section, listing station codes, names, coordinates, and other parameters. Includes stations like KARP Karpathos, DIDIM Aydin, etc.

29d 4h

Main table for the 29d 4h section, listing station codes, names, coordinates, and other parameters. Includes stations like KYMI Kymi, Euboea I, ANKY Antikythira, etc.

29d 4h

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, I, S, C, ISC. Includes stations like KLMR Klimovskoe, HFS Hagflov Arra, HFS Hagflov, ESDC Sonseca Array, ABKAR Akbulak array, NOA NORSAR Array B, LVZ Lovozero, ARCES ARCESS Array B, TORD Torodi Ar. Bea, KURBB Kurchatov, MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, SPITS Spitsbergen Arra, DBIC Dimbokro, SONM Songino Array, LBTB Lobatse, CMAR Chiang Mai Arr, A36M Sachs Harbour, C36M Paulatuk, BMAR Burnt Mountain, IMAR Indian Mntait, H19K Roundabout Mou, QSPA South Pole Qui.

IDC 29 04:46:02.1-0.5, 58.57S; 25.10W, h0km, mb4.4/12, mbmp4.4/13, ML4.8/1, MS3.4/8, Error ellipse: s-maj=21.9km s-min=15.4km az=50.0 NEIC 29 04:46:07.6-1.5, 58.68S; 0.09-25.1W; 0.2, h35km, 1km, mb4.6/36, Error ellipse: s-maj=17.0km s-min=14.7km az=43.0 ISC 29 04:46:06.3-0.4, 58.62S; 0.09-25.00W; 0.10, h28km, n246, c090/228, mb4.5/25, MS3.5/7, 9C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, I, S, C, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA1, VNA3 Neumayer Olymp, VNA3, VNA2 Neumayer-Watz, VNA2, SNA3 Sanae, SNA3, SNA4 Sanae, SNA4, TROLL Troll, Antarti, BELA Belgrano 2, SMAI San Martin Ant, H09N1 TRISTAN DA CUN, G009 Cerro Castillo, GSPA South Pole Qui, PLTB Pedras Altas, PLCA Paso Flores, G006 Curarehue, IT0B Itaqi, MAW Maw, BI05 Punta Hualp, G005 Hualane, BO01 Tunca, BO04 La Punta, MT09 Talagante, MT01 Popeta, CPUP Villa Florida, VA05 Santo Domingo, MT02 Curacav, CO01 Juntas del Tor, AC05 El Transito, H04S2 CROZET ISLANDS.

2018 OCT

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, I, S, C, ISC. Includes stations like H04S3 CROZET ISLANDS, H04S1 CROZET ISLANDS, BOSA Boshof, GO02 Mina Guanaco, BDFB Brasilia, LVC Limon Verde, LVC Limon Verde, PTBL Pater Lacer, H10S2 ASCENSION HYDR60, H10S3 ASCENSION HYDR60, GO01 Chuzmiza, PB11 IPOC Station P, H10N1 ASCENSION HYDR61, H10N3 ASCENSION HYDR61, H10N2 ASCENSION HYDR61, LPAZ La Paz, LPAZ La Paz, SAML Samuel, ETMB Extrema, BOAV Boa Vista, DBIC Dimbokro, DBIC Dimbokro, MDP Montagnes des, COHC Cordoba, TORD Torodi Ar. Bea, SDV Santo Domingo, TNKZ Takata Hill, PDPDR Patillas Dam, SJG San Juan, STKA Stephens Creek, PSAA Pilbara Seismi, ASAR Alice Springs, ASAR Alice Springs, PDAR Pinedale Array, CMAR Chiang Mai Arr, NVAR Mina Array Bea, FINES Fines Array B, ARCES ARCESS Array B, BVAR Borovoy Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr, CRAIG Craig, R32K Eaglecrest, R32K Eaglecrest, P33M Teslin, Yukon, P32M Atlin, S31K Pelican, MMPY Sheldon Lake, N32M Quiet Lake, N32M Quiet Lake, SK6G Paulatuk, WHY Whitehorse, PLBC Pleasant Camp, FARO Faro, M31D Ruyon Creek, O30N Mendenhall, P30M Million Dollar, N31M Braeburn, P29M Windy Craggy, A36M Sachs Harbour, A36M Sachs Harbour, H30T Hailu Junctio, N30M Aishikik Lake, O29M Mount Kennedy, PNL Peninsula, YUK6 Outpost Mounta, M30M Minto, MAYO Mayo, YUKA Talbot Arm, H31M Pelee River, PINM Pinnaroo, J30M Hart River, F31M Tsigehtichic, G31M Satah River, M29M Somme Creek.

1940

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Time, Res, I, S, C, ISC. Includes stations like M29M Somme Creek, O28M Mount Upton, YUK8 Steele Glacier, L29M L29M, K29M Barlow Dome, INK Inuvik, I30M Mount Dempster, MESA MESA, YUK3 Moose Creek, CTG China Glacier, J29N Klondike Camp, EPYK Eagle Plains, GRNC Granite Creek, G30M Taoh Zhaij Ni, F30M Chitina Glacier, DAWY Dawson, BVCY Beaver Creek, I29M Ogilvie Camp, BGLC Bering Glacier, SONM Songino Array, H29M Whitestone, CRQE Cirque, G29M Pine Creek, M27K Edge Creek, AK, MCARA McCarthy VSAT, KAIM Kayak Island, L27K Beaver Creek, I28M Milner Creek, E29M Blow River, GLB Gilahina Butte, M26K Nabesna, EGAK Eagle, K27K Chicken, BMRM Bremner River, D28M Stokes Point, F28M Old Crow, L26K Log Cabin Wild, N25K Valde, E28M Babbage River, I27K Kandik River, EYAK Cordova Ski Ar, H27K Steamboat Moun, G27K Doyon Strip, HIN Hinchinbrook I, J26L Joseph Creek, HARP HAARP, SCRR Sand Creek, KLU Klutina, I26K Coal Creek Min, P23M Montague Island, D27M Malcolm River, E27K Colear River, RIDG Independent R, PAX Paxson, R32K Tolsona, Glenn, K24K Donnelly Dome, G26K Porcupine Rive, SCM Sheep Creek Mo, J25K Salcha River, J25K Salcha River, PWL Port Wells, M23K Glacier View, F26K Sheenjek River, SEW Seward, KNK Knik Glacier, DHY Denali Highway, WAT6 Susitna Watana, SML Sawmill, H25L Birch Creek, HDA Harding Lake, ILAR Eielson Array, ILAR Eielson Array, PMR Palmer, F25K Christian River, BRSE Bradley Lake S, WAT1 Susitna Watana, COLA College, M2CK Willow, M2CK McKinley, D25K Kavik River, H24K Noodor Dome, H24K Noodor Dome, G24K Heevenzic Riv, NEA2 Nenana, F24K Squaw Lake, TRF Thorofare Moun, I23K Minto, Yukon-K.

Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like O20K Slope Mountain, E24K Your Creek, SKT Skwentna, etc.

ROM 29 04:50:38.9-0.1, 42.788N-0.004-12.723E-0.006, h9km, ML1.8/7, 1C, Error ellipse: s-maj=0.4km s-min=0.4km az=262.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MAMA Monte Martano, MAMA Monte Martano, MAMA Monte Martano, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MGAB, MGAB, MGAB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like BADI Badiali, BADI Badiali, BADI Badiali, etc.

29d 5h

Table with columns for station name, frequency, power, and other parameters. Includes stations like KPRO, NEST, KZN, LIT, FNA, etc.

2018 OCT

Main table with columns for Code, Station Name, Frequency, Power, and other parameters. Includes stations like SUW, GNI, ESDC, HFS, etc.

1942

Table with columns for station name, frequency, power, and other parameters. Includes stations like LTHK, LTHK, LTHK, etc.

29d 5h

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like G29M Pine Creek, G23K Bananza Creek, F22K John River, etc.

2018 OCT

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like D19K comp=N,26nm,0.9s, D19K Kuna River, MLY Manley, etc.

1944

Table with columns: Code, Station Name, Az, El, P, S, Phase ID, Time Res, h m s ISC. Includes entries like RLS Riolos of Patr, DMLN Damouliana-K, DMLN Drossia, etc.

ICD 29 05:39:04.3:3.6,58:47:5:22'W, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=121.5km s-min=47.4km az=162.0

NEIC 29 05:39:10.2:2.3,58:58:0:0:03:25:5W:0.2, h35km, 1km, mb4.6/17, Error ellipse: s-maj=16.6km s-min=5.3km az=92.0

ISC 29 05:39:09.2:0.6,58:64:0:0:09:25:4W:0.1, h35km, n56, r1911/50, mb4.5/9, 6C-1D, South Sandwich Islands region

THE 29 05:28:43.8, 37:49N:20:77E, h16km, ML2.9/6, Error ellipse: s-maj=1.1km s-min=0.6km az=21.0

ATH 29 05:28:46.1, 37:59N:20:72E, h15km, 3km, ML2.7/6, Manual Solution by L.Dede This location: 2020/06/25 08:56:10 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 3 km, Longitude uncertainty: 4 km

ISC 29 05:28:46.1±1.2, 37:61N:20:07:20:85E:0:05, h16km, 5km, n19, r0583/29, Ionian Sea

ASRS 29 05:42:13.0:0.4, 50:12N: *9:11E, * h5km, MLH4.0/11, Error ellipse: s-maj=4.1km s-min=2.5km az=170.3, confirmed

NNC 29 05:42:20.8:4.1, 49:54N: 9:11E, h6km, 20km, mb4.0, mpv3.7, Error ellipse: s-maj=27.4km s-min=18.4km az=86.0

ISC 29 05:42:14.4:1.1, 50:44N:0:04:91:00E:0:03, h10km, n29, r193/41, 8C-3D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, El, P, S, Phase ID, Time Res, h m s ISC. Includes entries like TEL Teeli, ULGR Ulagan, AKAR Aktash, etc.

1945

Table with columns: Station Name, Frequency, Mode, and other technical details for station KAL72. Includes sub-sections for 'SEM Semipalatinsk' and 'MAKZ Makanchi'.

SDD 29:05:47.43-4.7, 19:43N-73:12W, h25km-184km, MD3.4, ML3.2, MW3.6

SSNC 29:05:47.45-3.1, 19:27N-73:01W, h5km-6km, MD3.5, ML2.7, MW2.7

ISC 29:05:47.42-3.1, 19:24N-73:10W-0:03, h3km-11km, n26, r159/52, 1C, Haiti region

Main table for station KAL72 with columns: Code, Station Name, Frequency, Mode, and other technical details. Lists various stations and their associated frequencies and modes.

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Table showing station information for HATOM, HATMC, and LMGCG, including frequencies and modes.

IDC 29:05:57.52-7.1, 4.2:92S:127:88E, h0km, mb3.8/4, mbtmp3.8/6, ML3.5/2, MS3.1/2, Error ellipse: s-maj=93.8km

DJA 29:05:57.55-9.0-0.8, 3:S:4:12:8E, h20km-9km, M3.9/10, ML3.9/10

ISC 29:05:57.58-0.0-8, 2:92S:07:127.74E:0:05, h35km, n16, r135/18, mb3.8/4, Ceram Sea

Table with columns: Code, Station Name, Frequency, Mode, and other technical details for stations like NLAJ, MSAI, SANI, etc.

RSNC 29:05:59-09:0.0, 6.1N-1:74W, h1111km-2km, M3.1, mb3.6, ML2.8, Northern Colorado

Table with columns: Code, Station Name, Frequency, Mode, and other technical details for stations like BARC, RUSC, SPBC, etc.

ECX 29:06:01:51.6-0.4, 30:11N-115:45W, h20km-5km, MD2.5, ML2.7

MEX 29:06:01:53.1-0.5, 30:18N-115:51W, h5km, MD3.9

ISC 29:06:01:50.5-1.4, 30:12N-106:11:54W:0:06, h2km-1.5km, n12, r079/23, 1C-1D, Baja California

Table with columns: Code, Station Name, Frequency, Mode, and other technical details for stations like SQX, SQW, etc.

29d 6h

Table with columns: Station Name, Frequency, Mode, and other technical details for stations like SPIG, SFX, etc.

IDC 29:06:05:13.1-1.6, 54:66N-83:74E, h0km, mbtmp2.9/3, ML2.5/3, Error ellipse: s-maj=15.2km s-min=9.9km

Table with columns: Code, Station Name, Frequency, Mode, and other technical details for stations like I46RU, ZALV, etc.

NOU 29:06:21:39.9, 15:43S-167:47E, h87km, MLV3.5/9, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Mode, and other technical details for stations like VLAKA, DVP, etc.

BER 29:06:25:05.8-4.3, 82:26N-5:48W, h10km, mb(Pn)4.2, ML2.6(DNK), Confirmed Earthquake

DKN 29:06:25:08.2-3.9, 82:25N-5:18W, h36km-35km, ML2.6

FCIAR 29:06:25:09.0, 82:24N-2:55W, h10km

ISC 29:06:25:04.2-1.3, 82:08N-0:1:553W:0:05, h10km, n32, r2860/47, North of Svalbard

Main table for station KAL72 (continued) with columns: Code, Station Name, Frequency, Mode, and other technical details. Lists various stations and their associated frequencies and modes.

IDC 29:06:27:53-4-0.8, 34:22N-78:20E, h0km, mb3.9/13, mbtmp3.9/17, ML3.3/4, MS3.1/9, Error ellipse: s-maj=25.5km s-min=13.9km az=59.0

NEIC 29:07:25:54.4-1.5, 34:29N-0:07:78:08E:0:09, h10km-1km, mb4.6/18, Error ellipse: s-maj=12.4km s-min=11.3km

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1946

az=123.0
ISC 29 06:27:54.9:0.5,34.24N,0.05:78.17E,0.08,h10km,n58,
s=140/61,m4.3/21,MS2.9/6,Kashmir-Xizang border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h m s, Res, ISC. Lists various stations and their associated data points.

mb4.8,ML3.7,Mw(m)B4.5,MwMwp4.5,Mwp4.9
CATAC 29 06:30:52.8:0.8,5.70N,82.61W,h17km,10km,MB5.3,
m5.1,ML5.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, h m s, Res, ISC. Lists various stations and their associated data points.

Table with columns: Station Name, Az, AzZ, Phase ID, ISC, h m s, Res, ISC. Lists various stations and their associated data points.

NEIC 29 06:30:44.6:2.4,5.27N,0.06:82.95W,0.07,h10km,1km,
mb4.6/67,Error ellipse: s-maj=12.0km s-min=10.1km
az=64.0
UCR 29 06:30:46.7:2.3,5.27N,82.95W,h10km,MW4.6
IDC 29 06:30:48.4:0.9,5.15N,82.64W,h0km,n63,9/10,
mtbnp4.0/15,ML3.1/5,MS3.8/11,Error ellipse:
s-maj=28.1km s-min=15.4km az=48.0
UPA 29 06:30:48.5:2.4,5.54N,82.65W,h0km,15km,MW4.8
RSNC 29 06:30:49.8:0.3,5.52N,82.38W,h10km,M4.6,m5.2,

Table listing stations like W50A, NPGB, FW13, TKL, SIV, V48A, V58A, H06E1, TXAR, TXAR, WHAR, WHAR, GNAR, PTLB, PTLB, BBSB, FCAR, SS4A, LPIG, CGM3, CGM3, SIUC, OKCSW, WCI, WCI, CCM, CCM, HDIL, ANMO, ANMO, AODB, SDCO, SDCO, H03N2, H03N1, H03N3, H03N3, PDAR, PDAR, HWUT, HWUT, SNOW, SNOW, MOOV, ELK, G006, G006, NVAR, NVAR, ULM, ULM, YKA, YKA, L29M, I30M, I30M, G29M, G29M, I26K, I26K, RIDG, RIDG, ILAR, ILAR, VNA3, VNA3, VNA1, VNA1, VNA2, VNA2, ASAR, ASAR, WRA, WRA

SDD 29 06:34:47.1±.0.19.49N.67.99W, h15km±276km, MD2.3, ML1.9, 1C, Mona Passage

ASAR Alice Springs 30.89 167 P P 06 48 55.4 +0.1
ASAR 0.2nm, 0.3s, baz=342, slow=7.6, SNR=8.1
ASAR 0.2nm, 0.4s, baz=348, slow=2.7, SNR=6.4
ASAR 0.4nm, 0.8s, baz=321, slow=2.5, SNR=5.1
MKAR Makanchi Array 55.25 324 P P 06 52 11.1 +0.9
KURBB Archival Arra 59.37 326 P P 06 52 39.6 +0.7

NEIC 29 06:45:36.2±1.2, 23.4S:0.2±179.5E:0.1, h570km±10km, mb4.2/22, Error ellipse: s-maj=23.3km s-min=15.9km az=208.0
IDC 29 06:45:36.2±1.7, 23.68S:179.17E, h541km±20km, mb3.3/8, mbmp4.1/10, Error ellipse: s-maj=23.9km s-min=15.9km az=9.0
ISC 29 06:45:35.6±0.7, 23.65S:179.27E:0.10, h548km±n44, ±1047.0f, mb4.1/20.3C, South of Fiji Islands

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
MSVF Nonsavu 5.95 349 Op P 06 47 13.8 0.0
MSVF Nonsavu 5.95 349 P P 06 47 13.8 -0.1
PINNC Pines Island 10.93 273 P P 06 48 05.0 +1.9
DZM Mont Dzumac 11.93 275 P P 06 48 14.6 +1.1
DZM Mont Dzumac 11.93 275 P P 06 48 12.1 -1.4
URZ Urewera 14.73 187 P P 06 48 38.6 -3.5

WR0 Warramunga Arr 41.75 266 P P 06 52 36.2 +0.1
WB2 Warramunga Arr 41.75 266 P P 06 52 37.5 +0.1
WBO Warramunga Arr 41.75 266 P P 06 52 37.3 -0.2
WRAB Tennant Creek 41.75 266 P P 06 52 37.6 +0.1
WRA Warramunga Arr 41.75 266 P P 06 52 36.7 -0.8
WRA Warramunga Arr 41.75 266 P P 06 52 37.4 -0.1

FORT KNRA Kununurra 45.79 249 P P 06 53 08.0 -0.6
KNRA 48.02 270 P P 06 53 26.1 +0.6
FITZ Fitzroy Crossi 50.18 266 P P 06 53 43.0 +1.5
FITZ Fitzroy Crossi 50.18 266 P P 06 53 42.2 -0.7
PSA00 Pilbara Seismi 54.56 260 P P 06 54 12.7 -0.1
MBWA Marble Bar 54.76 260 P P 06 54 14.6 +0.3
MORW Morawa 56.35 250 P P 06 54 25.4 +0.2
GSPA South Pole Qui 66.48 180 P P 06 55 32.1 +1.3
GSPA South Pole Qui 66.48 180 P P 06 55 31.7 +0.9

BELA Belragano 2 76.81 173 P P 06 56 31.1 +0.5
MAW Mawson 77.79 201 P P 06 56 36.9 +0.9
LVA Lava Point 78.47 9 P P 06 56 35.8 -4.0
SNAA Sanae 84.97 179 P P 06 57 12.8 -0.1
SNAA Sanae 84.97 179 P P 06 57 12.6 -0.3
SNAA Sanae 84.97 179 P P 06 57 12.3 -0.6
VNA3 Neumayer Olymp 85.20 177 P P 06 57 13.7 -0.3
TXAR Lajitas Array 90.84 58 P P 06 57 43.8 +2.6
HFS Hagfors 142.12 348 PKHKPK PKPpre 07 04 02.3
AKASE Malin Array Be 144.36 327 PKP PKPab 07 04 09.5 -0.1

SJA 29 06:54:18.0±0.8, 57.24S:65.78W, h10km, ML5.6, MW6.3, MW6.3(NEIC)
IDC 29 06:54:19.2±0.2, 57.48S:66.34W, h0km, mb6.1/29, mbmp6.0/31, ML5.2/3, MS6.0/42, Error ellipse: s-maj=13.1km s-min=8.7km az=88.0
BUJ 29 06:54:20.9±0.7, 57.35S:66.42W, h10km, mb6.3/55, MS6.2/87, MS7.6/285
MOS 29 06:54:20.9±0.9, 57.41S:66.51W, h12km, mb6.6/53, MS6.0/95, Error ellipse: s-maj=16.4km s-min=6.7km az=87.8

Mn:3.29; Mw:0.57; Ms:2.71; Mo:0.76; Mss:0.96; Msr:0.66;
Fault plane solution: M3.32000±18 NPl:
φs:353.11000°; φsl:849.88000°; φsl:108.49000° NP2:
φs:145.68000°; φsl:843.51000°; φsl:169.38000° Principal axes: T
3.5426; Plg76.0000°; Azm327.0000°; N - 0.4443.
Plg14.0000°; Azm161.0000°; P -3.0983; Plg3.0000°;
Azm70.0000°;
GUC 29 06:54:24.0±0.57, 53S:66.30W, h18km, MW6.2
GCMT 29 06:54:25.0±0.57, 55S:66.60W, h21km, MW6.3/167,
Moment Tensor Solution. s167.c414; s167.c698;
Duration: 368 Moment tensor: Scale: 1018Nm;
M3:676.02; Mw:0.726; Mo:2.96; Mo:70±0.03;
Mw:1.41±0.1; Mw:1.11±0.3; Best double couple:
M3:87.400±0.0018 NPl:φs:349.0000°; δs2.0000°;
λ109.0000° NP2:φs:140.0000°; δs2.0000°; λ67.0000°;
Principal axes: T 4.0390, Plg74.0000°; Azm316.0000°;
N -0.3370, Plg15.0000°; Azm157.0000°; P -3.7080.
Plg6.0000°; Azm66.0000°; nst1:refers to body waves,
cutoff=40s. nst2:refers to surface/mantle waves,
cutoff=125s. Triangular moment-rate function
VAO 29 06:54:25.0±0.8, 57.53S:66.54W, h48km, 7km, mb6.1
ISC 29 06:54:22.1±0.5, 57.42S:60.63W, h0.04, h19km±1km,
h19c±46D, Drake Passage
19 06:54:22.1±0.5, 57.42S:60.63W, h0.04, h19km±1km,
h19c±46D, Drake Passage

MG01 Puerto William 2.58 344 Op Pn 06 55 03.0 +0.3
MG01 Puerto William 2.58 344 eP Sn 06 55 02.2 -0.6
MG01 2.82 336 eS Pn 06 55 33.3 -0.2
MG01 2.82 336 Pn 06 55 45.1
MG01 Puerto William 2.58 344f eP Pn 06 55 03.1 +0.3
MG01 2.82 336 eP Sn 06 55 34.4 +1.1
USHA Ushuaia 2.82 336 eP Pn 06 55 06.0 -0.1
USHA comp=2.113nm, 0.3s, baz=163, slow=13, SNR=456 Sn 06 55 06.8 +0.6
USHA 2.82 336 Pn 06 55 03.7 +0.8

IS02AR Isla Dawson INFRAS 2.99 350 Pn Pb 06 55 13.7 +0.8
MG03 Isla Dawson 4.25 326 Pn Pn 06 55 26.2 +0.6
MG03 Isla Dawson 4.25 326 eP Pn 06 55 26.3 +0.7
MG03 Isla Dawson 4.25 326 eS Sn 06 56 13.3 -1.3
MG02 Cerro Sombrero 4.92 340 Pn Pn 06 55 36.0 +1.1
MG02 Cerro Sombrero 4.92 340 eP Pn 06 55 36.4 +1.5
MG02 Cerro Sombrero 4.92 340 eS Pn 06 55 35.9 +1.1
MG02 Cerro Sombrero 4.92 340 fP Pn 06 55 31.2 +0.1

G009 Cerro Castillo 7.06 328 Pn Pn 06 56 02.5 -1.8
G009 Cerro Castillo 7.06 328 eP Pn 06 56 02.5 -1.8
G009 Cerro Castillo 7.06 328 eP Pn 06 56 03.3 -1.0
PMSA Palmer Station 7.47 172 Pn Pn 06 56 09.5 -3.0
PMSA Palmer Station 7.47 172 Pn Sn 06 57 31.0 -2.9
PMSA comp=2.16nm, 0.3s, baz=94, slow=11, SNR=40 LR 06 58 10.2
PMSA comp=2.69nm, 0.3s, baz=197, slow=17, SNR=1.5

G008 Cerro Castillo 7.06 328 Pn Pn 06 56 02.5 -1.8
G008 Cerro Castillo 7.06 328 eP Pn 06 56 03.3 -1.0
PMSA Palmer Station 7.47 172 Pn Pn 06 56 11.1 +0.3
PMSA Palmer Station 7.47 172 Pn Pn 06 56 11.1 +0.3
G008 Villa O'Higgins 9.70 335 Pn Pn 06 56 39.2 -1.2
G008 Villa O'Higgins 9.70 335 eP Pn 06 56 39.3 -1.2
SMAI San Martin Ant 10.76 181 Pn Pn 06 56 53.9 -0.9
SMAI San Martin Ant 10.76 181 eP Pn 06 56 59.1 +4.2
SMAI 10.76 181 iS Sn 06 58 57.1 +2.6
AY03 Cochane 10.85 337 Pn Pn 06 56 55.7 -0.7
AY03 Cochane 10.85 337 eP Pn 06 56 59.1 +2.9
AY02 Valle Explorad 11.71 336 Pn Pn 06 57 07.6 -0.4
COYC Coyhaique 12.37 341 Pn Pn 06 57 15.3 -1.6
COYC Coyhaique 12.37 341 eP Pn 06 57 18.1 +1.1
COYC Coyhaique 12.37 341 fP Pn 06 57 21.0 +4.0
LL02 Futaleufu 14.65 344 Pn Pn 06 57 48.9 +0.7
LL02 Futaleufu 14.65 344 eP Pn 06 57 15.6 -2.7
LL02 Futaleufu 14.65 344 fP Pn 06 57 51.4 +2.9
GO07 Milladeo Hill, 15.03 339 Pn Pn 06 57 52.2 -1.1
GO07 Milladeo Hill, 15.03 339 eP Pn 06 57 55.3 +2.0
LL07 Hotel Espejo d 15.27 340 Pn Pn 06 57 58.1 +1.7
LL07 Hotel Espejo d 15.27 340 eP Pn 06 58 01.8

LL07 Hotel Espejo d 15.27 340 Pn Pn 06 57 58.7 +2.3
LL01 San Ignacio de 15.53 343 fP Pn 06 58 02.8 -1.3
LL06 Loncomilla 19.50 340 Pn Pn 06 58 05.8 +1.3
LL06 Loncomilla 19.50 340 Pn Pn 06 58 11.9
LL05 Los Muermostos 16.65 341 Pn Pn 06 58 14.6 +0.4
LL03 Petrohué 16.74 344 Pn Pn 06 58 17.8 +0.3
LL03 Petrohué 16.74 344 eP Pn 06 58 17.8 +0.3
PLCA Paso Flores 16.91 349 Pn Pn 06 58 19.8 +0.3
PLCA Paso Flores 16.91 349 eP Pn 06 58 19.6 +0.1
PLCA comp=2.33nm, 0.3s, baz=172, slow=13, SNR=99 Sn 07 01 28.8 +4.0
PLCA 0.2nm, 0.3s, baz=283, slow=3.9, SNR=16 LR 07 05 23.3
PLCA comp=2.151nm, 0.8s, baz=178, slow=9 Sn 06 58 20.0 +0.5
PLCA Paso Flores 16.91 349 fP Pn 06 58 19.4 -0.1
PLCA Paso Flores 16.91 349 eP Pn 06 58 21.1 +0.4
HOPE Hope Point 17.97 92 Pn Pn 06 58 21.4 +0.8
HOPE Hope Point 17.97 92 Pn Pn 06 58 20.5 -0.1
HOPE Hope Point 17.97 92 Pn Pn 06 58 21.4 +0.8

LR05 Currie 17.58 346 P P 06 58 28.2 +1.5
LR04 Corral 18.13 342 P P 06 58 34.7 +1.9
GO06 Curarahue 18.15 347 P P 06 58 34.5 +1.3
GO06 Curarahue 18.15 347 fP Pn 06 58 34.7 +1.5
LR03 Pangipullu 18.21 345 P P 06 58 35.2 +1.5
BI02 San Fabín de 21.01 349 Pn Pn 06 58 37.2 +1.5
BI05 Punta Hualpen 21.16 345 Pn Pn 06 59 13.5
BI05 comp=2.4um, 1.4s IAMS_20 IAMS_20 07 07 39.3
MI02 Panimavida 21.92 349 P P 06 59 14.9 +0.8
GO05 Hualane 22.72 348 P P 06 59 22.7 +0.1
GO05 Hualane 22.72 348 Pn Pn 06 59 25.8
GO05 comp=2.4um, 1.4s P P 06 59 22.6 -0.1
BO02 Sierra Bellavi 22.82 351 P P 06 59 24.5 +0.7
BO02 Sierra Bellavi 22.82 351 Pn Pn 06 59 31.2
BO02 Sierra Bellavi 22.82 351 fP Pn 06 59 22.8 -1.0
BI02 Belragano 23.19 344 Pn Pn 06 59 27.7 +0.5
BO01 Tunca 23.25 350 Pn Pn 06 59 28.1 +0.1
BO01 Tunca 23.25 350 Pn Pn 06 59 39.7
BO01 comp=2.1um, 1.2s IAMS_20 IAMS_20 06 59 32.1 +0.4
BE04 La Punta 23.60 351 P P 06 59 32.5 +0.7
LMEL Las Melosas 23.71 352 P P 06 59 35.1 +0.5
MT01 Popeta 23.78 350 Pn Pn 06 59 35.2
MT01 comp=2.4um, 1.7s P P 06 59 34.0 -0.1
VA05 Talagante 23.85 351 P P 06 59 35.5 -0.1
VA05 Santo Domingo 24.02 349 Pn Pn 06 59 44.4
VA05 comp=2.2um, 1.3s IAMS_20 IAMS_20 06 59 44.4
MT03 Universidad Ad 24.09 352 P P 06 59 36.8 +0.5
MT02 Curacav 24.37 350 IAMS_20 IAMS_20 07 08 39.1
PEL Peldehue 24.45 351 fP P 06 59 40.0 +0.4

29d 6h

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Torpederas, San Esteban, Juan Fernandez, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Limon Verde, Limon Verde, Limon Verde, etc.

1948

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Nana, Nana, Nana, etc.

29d 6h

Table with columns for station name, location, frequency, and signal strength. Includes stations like LSZ Lusaka, SACV Santiago Islan, and ARPS Mount Arapiles.

2018 OCT

Table with columns for station name, location, frequency, and signal strength. Includes stations like GC1S Gold Coast 1 S, HBVL Hebbroonville, and PINNC Pines Island.

1950

Table with columns for station name, location, frequency, and signal strength. Includes stations like Y57A comp=Z,396nm,1.3s, TX31 Lajitas Ar. Si, and TXAR Lajitas Array.

1951

Table with columns: Call Sign, Name, Frequency, Class, Mode, and other details. Includes entries like U54A Nelsons Funny, SN05 Snyder 5, CLTN Cedars of Leba, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Class, Mode, and other details. Includes entries like R49A Shawnee State, QUOK Quay, S44A Cardinale, etc.

29d 6h

Table with columns: Call Sign, Name, Frequency, Class, Mode, and other details. Includes entries like X18A Snowflake, M65A Busby, F100M000, etc.

29d 6h

Table with columns: SRU, AVE, H43A, Q16A, TCRU, S11A, N23A, N23A, P18A, P17A, TRQ, K30B, PSUT, PMPB, ECSD, R11B, RDMU, SPR3, IFR, MPU, BBGB, BATG, Q12A, F42A, SAO, JLU, COEN, COEN, COWI, CTU, Q09A, NVAR, NVAR, NVAR, NVAR, SUSD, TCUT, STCH, KVN, BYL, SPUT, HWUT, E38A, F33A, PFVI, PFVI, RSSD, ELK, KNRA, MORF, MORF, MORF, MORF, PDAR, PDAR, PTHU, PTEU, BMN, PVAO, PVAO, PVAO, ICQ, AHID, MESJ, MESJ, MESJ, EYMN, ORV, SNOW, LIS, HOPS, TPWA, LOHW, DGAR, MOOW, EVO, PBAR, PMTG, PESTR, PESTR, PSBE, AGMN, HATC, RLMT, YMR, HLID

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Table with columns: YNE, PMRV, PMRV, MDND, MTN, PCAS, WFOR, COI, PCBR, MTE, MTE, MTE, COCO, BOZO, BOZO, PVIS, DLMT, KRMB, PAB, K04D, ESDC, ESDC, ESDC, POLO, ULM, ULM, MVO, MVO, MVO, J05D, PGAV, PGAV, PGAV, J04A, K02D, PINE, PBRG, EGMT, MSO, I04A, I05D, F10A, BUCK, G06A, H04A, SCHO, SCHO, XMIS, COR, F07A, HOOD, KEST, KEST, HAWA, E07A, HEB0, MXC, SAUI, C09A, NEW, LON, MMRI, RADR, B08A, CEST, NLWA, UGM, WDD, FFC, FFC, FFC, CEL, KAPI, KAPI, FCC, FCC, FAKI, FAKI, TIP, PATS, PATS, BNI, BNI, CUC, PAOL, IMMV, CEXS, CLF, IDI, CAMP, MATE, NRCA, SANI, SANI, FDMO

1952

Table with columns: RLS, DRO, SENIN, PRMA, ABTO, EIL, HMDH, EFP, ANX, LOUT, EVB, KARP, KARP, KARP, VLLY, VLLY, TUE, TUE, WFO, WFO, MAKR, ATHU, AXAR, PTL, LSK, LUVI, LUWI, DION, RAYN, RAYN, RAYN, RAYN, RAYN, APE, APE, APE, APE, KPRO, THL, DMTO, DMTO, ECH, ECH, ECH, FUORN, FUORN, NEST, CTI, NISR, KYMI, TIR, TIR, TIR, DOK, DAVA, KZN, STON, ARG, DOU, FETA, OHR, BFO, BFO, BFO, BFO, LIT, LIT, KTI, BODT, BKNI, BMRD, WLF, WLF, WLF, RCHB, UBR, STAL, PDG, PDG, SKD, BGES, SQT, RETA, MOTA, SABO, SABO, BCLA, PAIG, CHOS, GSI, GSI, ABTA, WTTA, A050A, WATA, BALJ, BHOU, BSTI, HORT, STU, STU, STU, MEM, LJU, LJU, LJU, BEBN, BTNL, MYKA, BLCB, VALC, SOH, KNT, BLY, BLY, FUR, LESA, A051A, KBA, MMAI, MMAI

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like SUES, OBKA, OBKA, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like U33K, U33K, MOX, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like DPC, DPC, JMD0, etc.

29d 6h

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like P32M Atlin, UMMG Uummannaq, OZUR Harsova, etc.

2018 OCT

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like PINN Pinnacle, HORU Horodok, NDUU Nordostrovsk, etc.

1954

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like J29N Klondike Camp, DAWY Dawson, DAWY Dawson, etc.

29d 6h

Table with columns for station name, frequency, power, and status. Includes stations like F20K Avaraat Lake, F20K Avaraat Lake, I17K Unalakleet, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like KMI comp=Z,3um,19.8s, ZIRO ZIRO, TATO Taipei, etc.

1956

Table with columns for station name, frequency, power, and status. Includes stations like TNSS Tian-Shan, JNU Nakatsue, JNU Nakatsue, etc.

DZM	Mont Dzumac	6.06 194	Pn	Pn	07 43 22.2 -0.2	comp=Z,4.1nm,0.7s,baz=88,slow=2.9,SNR=11	ASAR	ASAR	07 53 13.9 -1.8	QSPA	South Pole Qui	73.87 180	P	P	07 53 09.9 +0.4
DZM	Mont Dzumac	6.06 194	P	P	07 43 22.4 0.0	comp=Z,2.0nm,0.9s,baz=87,slow=1.6,SNR=6.2	ASAR	ASAR	07 54 20.2 +1.0	QSPA	South Pole Qui	73.87 180	P	P	07 53 09.5 0.0
DZM	Mont Dzumac	6.06 194	P	Pn	07 43 22.6 +0.1	comp=Z,1.1nm,0.9s,baz=95,slow=3.4,SNR=33	ASAR	ASAR	07 58 17.7 -0.8	HEH	Heihe	75.14 334	eP	P	07 53 17.3 +0.5
DZM	147nm,1.0s,baz=312,slow=23,SNR=7.4				07 44 30.5 -1.2	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	ASAR	ASAR		XAN	Xi'an	75.17 313	P	P	07 53 18.8 +1.4
NOUC	Port Laguerre	6.12 195	P	Pn	07 43 23.5 +0.3	comp=Z,2.4nm,0.7s	BBOO	BBOO	07 48 15.1 0.0	XAN	Xi'an	75.17 313	P	P	07 53 18.8 +1.4
ONTNC	Ouen Toro	6.28 193	Pn	Pn	07 43 25.7 +0.4	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.3	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 23.1 -0.2
ONTNC	Ouen Toro	6.28 193	P	Pn	07 43 26.0 +0.7	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 23.3 0.0
OUCNG	Ouen Island, N	6.44 196	P	Pn	07 43 26.5 +0.8	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 54 06.8 -0.2
PINNC	Pines Island	6.44 196	P	Pn	07 43 27.9 +0.5	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PINNC	Pines Island	6.44 196	P	Pn	07 43 28.0 +0.7	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
HURO	Huro Makira	8.20 313	P	Pn	07 43 31.3 +0.7	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
YSA	Yasawairara	9.21 95	P	Pn	07 44 06.9 +3.0	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
MSVF	Nonsavu	9.75 101	Pn	Pn	07 44 14.4 +3.5	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
MSVF	Nonsavu	9.75 101	P	Pn	07 44 15.0 +4.0	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
MSVF	Nonsavu	9.75 101	P	Pn	07 44 10.8 -0.2	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
MSVF	Nonsavu	9.75 101	P	Pn	07 44 14.5 +3.5	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
ALLEG	Aliggege Malai	10.25 315	P	Pn	07 44 18.8 +1.4	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
HNR	Honiara	10.31 309	P	Pn	07 44 17.0 -1.3	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
HNR	Honiara	10.31 309	P	Pn	07 44 18.6 +0.4	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
HNR	Honiara	10.31 309	P	Pn	07 44 18.7 +0.4	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
HNR	50nm,0.3s,baz=185,slow=2.8,SNR=8.2				07 46 13.7 -0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
HNR	Honiara	10.31 309	P	Pn	07 44 17.0 -1.3	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
DGTI	Dogotiti	11.28 92	P	Pn	07 44 34.9 -2.6	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
TAVE	Taveuni	11.62 94	P	Pn	07 44 38.9 -2.4	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
LKBA	Lakemba	12.77 101	P	Pn	07 44 53.0 -1.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
FUNA	Funafuti	13.31 57	Pn	Pn	07 44 57.3 +0.5	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
FUTU	Fuqatoga	13.81 94	P	Pn	07 45 03.9 +0.8	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
AUWSH	Wavell State H	17.81 229	P	Pn	07 45 51.9 +0.5	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
GCIS	Gold Coast 1 S	17.94 226	P	P	07 45 51.8 +0.8	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
RK1H	Rockhampton Ha	17.96 244	P	P	07 45 53.3 +0.2	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
TARA	Tarawa	18.07 16	P	P	07 45 52.7 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
EIDS	Eidsvold	18.26 237	P	Pn	07 45 55.5 +0.9	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
EIDS	Eidsvold	18.26 237	P	Pn	07 45 56.2 +0.3	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
RAO	Raoul Island	18.38 138	P	P	07 45 55.8 -0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
RAO	185nm,0.5s,baz=94,slow=22,SNR=1.9				07 46 01.4 -0.2	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
TW1H	Toowoomba 1 Ha	18.67 230	P	Pn	07 46 19.8 +1.2	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
TV1H	Townsville Har	20.43 216	P	Pn	07 46 18.8 -1.4	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
ARMA	Armidale	20.63 224	P	P	07 46 21.5 +1.3	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
ARMA	Armidale	20.63 224	P	P	07 46 24.3 -0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
CTAO	Charters Tower	21.02 256	P	P	07 46 25.0 +0.6	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
CTAO	Charters Tower	21.02 256	P	P	07 46 24.3 -0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
CTAO	Charters Tower	21.02 256	P	P	07 46 23.9 +0.7	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 30.4 +2.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4
PMG	Port Moresby	21.39 286	P	P	07 46 28.4 +0.1	comp=Z,0.5nm,0.8s,baz=109,slow=1.5,SNR=1.8	BBOO	BBOO	07 48 15.1 +0.1	CMAR	Chiang Mai Arr	76.17 294	iP	P	07 53 25.7 +2.4

1961

Table with columns for station name, frequency, power, and signal strength. Includes stations like KDTR, KDRM, KRMK, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like B21K, D22K, B22K, etc.

29d 8h

Table with columns for station name, frequency, power, and signal strength. Includes stations like RSSD, RSSD, NOA, etc.

1963

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AK08 Malin Array Si, AK19 Malin Array Si, KIEV Kiev, AKASG Malin Array Be, AKKB Malin Array Si, AKBB Malin Array Si, CLL Collm, CEST Esteri de Car, NACGM Naroch, KIV Kislovodsk, KBZ Khabaz, ONI Oni, VORD Divnogorie, VSR Storzhevoye, GNI Gani, ESCD Sonseca Array, LPSR Galich ya Gora, VRH Novokhopovsk, OBNS Obninsk, MDT Midelt, HFS Hagfors, NC602 NORSAR Array S, EKA Eskdalemuir Ar, NAO01 NORSAR Array S, FINES FINES Array B, FIA1 FINES Array S, NC405 NORSAR Array S, NB2 NORSAR Subarra, NOA NORSAR Array B, NB000 NORSAR Array S, NC303 NORSAR Array S, KLMR Klimovskoe, TORD Torodi Ar. Bea, ARTI Arti, ARCES ARCESS Array S, BRVK Borovoye, BVAR Borovoye Array, CHGR Chuyangaron, KKAR Karatay Array, KURKB Kurchatov Arra, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, A36M Sachs Harbour, TRY Troy, CMAR Chiang Mai Arr, BILL Biilino, B20K Meade River, B21K Ikkipuk River, E28M Babbage River, E29M Bloss River, D23K Nanushuk River, C19K Lookout Ridge, TOLK Toolik Lake, G31M Satah River.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like F28M Old Crow, C18K Utukok River, G30M Atahk Zraii Nji, ILAR Eielson Array, KRSR Korea Array, IDC 29 08:40:26.2,1.6,37:89N:20:75E, HFS Hagfors, FINES FINES Array B, TORD Torodi Ar. Bea, MKAR Makanchi Array, ZALV Zalesovo Beam, IDC 29 08:46:38.4,1.4,37:60N:20:75E, THE 29 08:46:40.8,37:48N:20:56E, ATH 29 08:46:41.8,37:54N:20:60E, IDC 29 08:46:41.2,1.2,37:53N:04:20.62E, KRI1 KERI, LTHK Lithakia, LTHK Lithakia, Ratzakli, Kefa, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, VLS Valsamata, VLS Valsamata, VLS Valsamata, LXRRA Lixouri, Kephra, LXRRA Lixouri, Kephra, DMLN Damoulianata-K, DMLN Damoulianata-K, RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, FSK Fiskardo, FSK Fiskardo, DRO Drossia, DRO Drossia, EVGI Lefkada island, EVGI Lefkada island, PYL PYLOS, ITM Ithomi, ITM Ithomi, ITM Ithomi, DRAG Dragano-Leikada, DRAG Dragano-Leikada, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, LK2D Lefkada island, TSLS Tsoukalades, L, TSLS Tsoukalades, L, EFP Efpalio, EFP Efpalio, EFP Efpalio, IDI Anoyia, IDI Anoyia, VAE Valguarnera, VAE Valguarnera, MLR Muntele Resu, MLR Muntele Resu, AKASG Malin Array Be, ESDD Esdri, HFS Hagfors, FINES FINES Array B, TORD Torodi Ar. Bea, MKAR Makanchi Array, JMA 29 08:57:06.0,0.8,45:14N:14:9E, SKHL Off Etorofu, SKHL Off Etorofu, SKHL Off Etorofu, IDC 29 08:57:07.2,4.1,44:45N:0:09:149.2E.

29d 9h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, SHO Shikotan, SHO Shikotan, SHO Shikotan, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, NEM2 Nemuro 2, JRA Rausu, JRA Rausu, JNK Nakash, JNK Nakash, JAK Akkeshi, JAK Akkeshi, JAR Ashorobuto, JAR Ashorobuto, JOB Onbets, JOB Onbets, JCH Churui, JCH Churui, JNBK Urakawa-nobuka, JNBK Urakawa-nobuka, BARC Barichara, BARC Barichara, BRJC Barrancabermej, BRJC Barrancabermej, PAMC Pamplona, Colo, PAMC Pamplona, Colo, RUSC La Rusia, RUSC La Rusia, PUERTO BERRIO, PUERTO BERRIO, TAME Tame, Arauca, TAME Tame, Arauca, OCAC Ocana, OCAC Ocana, SPBC San Pablo de B, SPBC San Pablo de B, ZARC Zaragoza, Cauc, ZARC Zaragoza, Cauc, ZARC Norcasia, ZARC Norcasia, CHORC Chingaza, CHORC Chingaza, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, HELC Santa Helena, HELC Santa Helena, CVCR Cruz Verde, Cu, CVCR Cruz Verde, Cu, UREC San Jos de Ur, UREC San Jos de Ur, GUYC2 Guyana, Caidas, GUYC2 Guyana, Caidas, VILC Villavicencia, VILC Villavicencia, RECRC Recre, RECRC Recre, NIZA Niza - Manizal, NIZA Niza - Manizal, CIBO Ciudad Bolivar, CIBO Ciudad Bolivar, DBBC Dabeiba, DBBC Dabeiba, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, ARGV Ariguani, Magd, ARGV Ariguani, Magd, ANIL Santa Ana, ANIL Santa Ana, PRAC Prado, PRAC Prado, APAC Apartado, Choc, APAC Apartado, Choc, ORTC Ortega, Tolima, ORTC Ortega, Tolima, SJCC San Jacinto, C, SJCC San Jacinto, C, URMC La Uribe, Meta, URMC La Uribe, Meta, LRJC Leticia, LRJC Leticia, CRJC Cerrejon, Guaj, CRJC Cerrejon, Guaj, YOTC Yotoco, Valle, YOTC Yotoco, Valle, MACC Macarena, Meta, MACC Macarena, Meta, URIC Uribia, Colomb, URIC Uribia, Colomb, JAMC Jamundi, Valle, JAMC Jamundi, Valle, GARC Garzon, Huila, GARC Garzon, Huila, GARC Florencia, GARC Florencia, BBAC Balboa, Cauca, BBAC Balboa, Cauca, TXAR Lajillas Array, TXAR Lajillas Array, ASAR Alice Springs, ASAR Alice Springs, WRA Wranganga Arr, WRA Wranganga Arr, IDC 29 09:18:14.2,5.2,65N:126:50E, NEIC 29 09:18:42.8,1.1,2:6N:0:1, h218km,6km, DJA 29 09:18:44.8,0.5,2:N:5:12:9E, ISC 29 09:18:43.0,0.9,2:5N:0:1:128:46E, TNTI Ternate, TNTI Ternate.

29d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, KMSI Cibinong, SANI Sanana, etc.

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 ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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 JMTN Minamitane, JMTN Minamitane, etc.

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 JMTN Minamitane, JMTN Minamitane, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, BVAR Borovoye Array, etc.

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 JMTN Minamitane, JMTN Minamitane, etc.

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 JMTN Minamitane, JMTN Minamitane, etc.

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 ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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 ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

1964

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTZL Valsamata, VLS Valsamata, etc.

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 VLS Valsamata, VLS Valsamata, etc.

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 VLS Valsamata, VLS Valsamata, etc.

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 AFAD 29 09:58:43.9, AFAD 29 09:58:43.9, etc.

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 AFAD 29 09:58:43.9, AFAD 29 09:58:43.9, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like DAVOX, VTRAC, SUETTA, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like TXAR, NVAR, ASAR, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like MNC1, MMA0B, MMA1, etc.

29d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SH1, KBZ, KIV, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like JAVC, ARSA, OJC, etc.

1968

Table with columns for station name, frequency, power, and other technical details. Includes stations like UOSS, ASHO, ROTZ, etc.

1969

comp=Z,66nm,20.7s,baz=342,slow=41 comp=Z,2.7nm,0.6s	MKAR Makanchi Array	38.44 56	i P	P	12 16 36.0 +1.0
comp=Z,4.0nm,0.8s	ZAAO Zalesovo Array	40.58 45	P	P	12 16 52.9 +0.2
comp=Z,2.1nm,0.5s,baz=264,slow=8.1,SNR=9.8 comp=Z,2.1nm,0.5s	ZALV Zalesovo Beam	40.58 45	P	P	12 16 52.6 -0.1
comp=Z,1.5nm,0.4s,baz=150,slow=12,SNR=6.1	SPITS Spitsbergen Ar	44.47 355	P	P	12 17 23.6 -0.5
comp=Z,1.5nm,0.4s	SPITS Spitsbergen Ar	44.47 355	P	P	12 17 24.5 +0.4
comp=Z,1.01nm,1.5s	BORG Borgarnes	44.56 330	LR	LR	12 38 30.6
comp=Z,60nm,18.4s,baz=125,slow=40 comp=Z,1.0nm,0.7s,baz=248,slow=22,SNR=1.5	DBIC Dimbokro	44.88 241	P	P	12 17 28.0 0.0
comp=Z,1.9nm,0.7s	NR1K Noril'sk	45.70 24	P	P	12 17 34.0 +0.1
comp=Z,1.8nm,1.6s	NR1K Noril'sk	45.70 24	P	P	12 17 34.6 +0.7
comp=Z,2.9nm,0.4s,baz=247,slow=3.4,SNR=8.4	NR1K Noril'sk	45.70 24	P	P	12 17 34.0 +0.1
comp=Z,2.5nm,20.2s,baz=156,slow=41 comp=Z,2.9nm,0.4s	NR1K Noril'sk	45.70 24	P	P	12 17 34.0 +0.1
comp=Z,1.8nm,1.6s	ZAK Zakamensk	52.01 50	eP	P	12 18 21.4 -1.4
comp=Z,5.0nm,1.0s	SONM Songino Array	54.55 52	P	P	12 18 41.9 +0.3
comp=Z,4.9nm,0.7s,baz=286,slow=7.1,SNR=13	SONM Songino Array	54.55 52	P	P	12 18 41.9 +0.3
comp=Z,1.01nm,19.2s,baz=293,slow=39 comp=Z,4.9nm,0.7s	ULN Ulanbaatar	54.98 52	eP	P	12 18 45.7 +1.1
comp=Z,7.0nm,0.8s	CMAR Chiang Mai Arr	59.77 87	P	P	12 19 18.8 +0.1
comp=Z,1.0nm,0.7s,baz=150,slow=8.6,SNR=6.7 comp=Z,1.0nm,0.7s	CMAR Chiang Mai Arr	59.77 87	i P	P	12 19 20.2 +1.5
comp=Z,1.0nm,0.5s	SCHO Schefferville	68.10 322	P	P	12 20 12.6 -0.3
comp=Z,3.8nm,0.5s,baz=120,slow=3.3,SNR=8.8 comp=Z,3.8nm,0.5s	SEY Seymchan	71.46 250	eP	P	12 20 35.9 +2.4
comp=Z,9.0nm,1.7s	BILL Bilibino	71.91 17	eP	P	12 20 36.6 +0.4
comp=Z,3.0nm,1.0s	USRK Usuriysk Ar	72.33 48	P	P	12 20 38.4 -0.6
comp=Z,1.8nm,0.7s,baz=304,slow=5.4,SNR=2.6 comp=Z,1.8nm,0.7s	A36M Sachs Harbour	72.83 353	P	P	12 20 42.3 +0.8
comp=Z,12nm,0.8s	A36M Sachs Harbour	72.83 353	P	P	12 20 42.3 +0.8
comp=Z,1.8nm,0.7s	KSRs Korea Array	73.12 56	P	P	12 20 43.8 -0.1
comp=Z,2.0nm,0.7s,baz=306,slow=4.3,SNR=5.0 comp=Z,2.0nm,0.7s	A21K Barrow	74.30 3	P	P	12 20 50.5 +0.3
comp=Z,3.0nm,1.0s	A19K Wainwright	75.13 5	P	P	12 20 55.0 0.0
comp=Z,3.48nm,0.7s	C36M Paulatuk	75.22 352	P	P	12 20 55.4 -0.2
comp=Z,19nm,0.7s	B22K Teshepuk Lake	75.41 2	P	P	12 20 56.4 -0.2
comp=Z,3.5nm,0.7s	B20K Meade River	75.58 4	P	P	12 20 57.7 +0.1
comp=Z,3.5nm,0.7s	C16K Kokolik Bay	75.90 6	P	P	12 20 58.8 -0.6
comp=Z,3.5nm,0.7s	B28M Camden Bay	75.95 359	P	P	12 20 59.9 +0.2
comp=Z,3.5nm,0.7s	C23K Iktiklik River	76.00 1	P	P	12 21 00.7 +0.7
comp=Z,9.7nm,0.8s	C23K Iktiklik River	76.00 1	P	P	12 21 00.4 +0.4
comp=Z,3.5nm,0.7s	B21K Ikpikpuk River	76.08 3	P	P	12 21 00.3 -0.1
comp=Z,3.5nm,0.7s	C24K Franklin Bluff	76.14 1	P	P	12 21 00.9 +0.1
comp=Z,3.5nm,0.7s	C27K Jago River	76.23 359	P	P	12 21 01.8 +0.4
comp=Z,1.1nm,1.2s	C27K Jago River	76.23 359	P	P	12 21 01.6 +0.2
comp=Z,3.5nm,0.7s	C19K Lookout Ridge	76.32 5	P	P	12 21 02.9 +1.0
comp=Z,3.5nm,0.7s	D28M Stokes Point	76.39 357	P	P	12 21 02.5 +0.3
comp=Z,3.5nm,0.7s	C21K Knifeblade Rid	76.54 3	P	P	12 21 03.4 +0.3
comp=Z,3.5nm,0.7s	D27M Malcolm River	76.56 358	P	P	12 21 03.2 -0.1
comp=Z,3.5nm,0.7s	D25K Kavik River	76.56 360	P	P	12 21 03.5 +0.2
comp=Z,3.5nm,0.7s	C18K Utukok River	76.65 5	P	P	12 21 04.3 +0.5
comp=Z,3.5nm,0.7s	C17K DeLong Mountai	76.65 6	P	P	12 21 04.4 +0.6
comp=Z,3.5nm,0.7s	D24K Happy Valley	76.71 1	P	P	12 21 04.3 +0.3
comp=Z,3.5nm,0.7s	D23K Nannukuk River	76.87 2	P	P	12 21 05.1 +0.1
comp=Z,3.5nm,0.7s	D20K Etivluk River	76.89 4	P	P	12 21 05.4 +0.2
comp=Z,3.5nm,0.7s	D22K Ayikyak River	76.90 2	P	P	12 21 05.3 +0.1
comp=Z,3.5nm,0.7s	D19K Kuna River	77.02 4	P	P	12 21 06.5 +0.6
comp=Z,1.6nm,1.1s	D19K Kuna River	77.02 4	P	P	12 21 05.3 -0.6
comp=Z,3.5nm,0.7s	RDOG Red Dog Mine	77.08 6	P	P	12 21 05.9 -0.3
comp=Z,3.5nm,0.7s	INK Inuvik	77.12 355	P	P	12 21 06.5 +0.2
comp=Z,3.5nm,0.7s	E28M Babbage River	77.15 357	P	P	12 21 06.8 +0.3
comp=Z,3.5nm,0.7s	E28M Babbage River	77.15 357	P	P	12 21 06.4 -0.1
comp=Z,3.5nm,0.7s	TOLK Toolik Lake Re	77.21 1	P	P	12 21 08.4 +1.5
comp=Z,3.5nm,0.7s	TOLK Toolik Lake Re	77.21 1	P	P	12 21 06.8 -0.2
comp=Z,3.5nm,0.7s	E21K Killik River	77.29 3	P	P	12 21 07.2 -0.1
comp=Z,3.5nm,0.7s	E29M Glow River	77.29 357	P	P	12 21 07.1 -0.2
comp=Z,3.5nm,0.7s	E20K Nigu River	77.37 4	P	P	12 21 07.8 -0.1
comp=Z,3.5nm,0.7s	D17K Noatak River	77.42 6	P	P	12 21 08.8 +0.7
comp=Z,3.5nm,0.7s	E27K Coleen River	77.63 358	P	P	12 21 09.5 +0.2
comp=Z,3.5nm,0.7s	E22K Anaktuvuk Pass	77.67 2	P	P	12 21 09.7 +0.2
comp=Z,3.5nm,0.7s	E23K Chandalar	77.80 1	P	P	12 21 11.0 +0.7
comp=Z,3.5nm,0.7s	E24K Your Creek	77.80 1	P	P	12 21 10.0 -0.3
comp=Z,3.5nm,0.7s	E18K Tukpahleark C	77.90 6	P	P	12 21 11.3 +0.5
comp=Z,3.5nm,0.7s	F30M Barrier River	77.95 356	P	P	12 21 10.8 -0.3
comp=Z,3.5nm,0.7s	F31M Tsigichtchic	77.99 355	P	P	12 21 11.2 -0.1
comp=Z,3.5nm,0.7s	F31M Tsigichtchic	77.99 355	P	P	12 21 10.9 -0.3
comp=Z,3.5nm,0.7s	L61B Northampton	78.01 313	P	P	12 21 11.7 -0.2
comp=Z,3.5nm,0.7s	E19K Redstone River	78.10 4	P	P	12 21 12.0 +0.1
comp=Z,3.5nm,0.7s	E17K Hotham Inlet	78.13 6	P	P	12 21 12.1 0.0
comp=Z,2.0nm,1.6s	F28M Old Crow	78.15 357	P	P	12 21 12.5 +0.3

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F28M Old Crow	78.15 357	P	P	12 21 12.3 +0.1
F26K Sheenjek River	78.18 359	P	P	12 21 12.4 +0.1
F22K John River	78.29 2	P	P	12 21 12.5 -0.5
F25K Christian Rive	78.29 360	P	P	12 21 12.9 -0.1
F24K Squaw Lake	78.36 1	P	P	12 21 13.4 0.0
BMAR Burnt Mountain	78.45 359	P	P	12 21 15.1 +1.2
F21K Alatina River	78.53 3	P	P	12 21 14.4 +0.1
G31M Satah River	78.54 355	P	P	12 21 14.1 -0.1
G31M Satah River	78.54 355	P	P	12 21 14.8 +0.6
F20K Avaraat Lake	78.59 4	P	P	12 21 14.8 +0.3
F20K Avaraat Lake	78.59 4	P	P	12 21 14.7 +0.2
G30M Atoah Zraii Nji	78.61 356	P	P	12 21 15.0 +0.2
G30M Atoah Zraii Nji	78.61 356	P	P	12 21 15.0 +0.2
COLD Coldfoot	78.62 1	P	P	12 21 14.9 +0.1
F19K Shalerucik Mo	78.69 5	P	P	12 21 14.8 -0.3
G29M Pine Creek	78.77 357	P	P	12 21 15.7 0.0
F18K Selawik	78.78 5	P	P	12 21 15.5 -0.2
F17K Baldwin Pennin	78.81 6	P	P	12 21 15.5 -0.3
G22K Bettles	78.89 2	P	P	12 21 16.7 +0.5
G26K Porcupine Rive	78.92 359	P	P	12 21 17.1 +0.7
G27K Doyon Strip	79.01 358	P	P	12 21 17.8 +0.8
G27K Doyon Strip	79.01 358	P	P	12 21 17.2 +0.3
G25K Bearman Lake	79.12 360	P	P	12 21 17.9 +0.4
G23K Bananza Creek	79.14 1	P	P	12 21 18.7 +1.0
G23K Bananza Creek	79.14 1	P	P	12 21 18.0 +0.3
G24K Hadweenzic Riv	79.19 0	P	P	12 21 18.7 +0.8
G24K Hadweenzic Riv	79.19 0	P	P	12 22 10.8
G24K Hadweenzic Riv	79.19 0	P	P	12 21 18.0 +0.1
F15K North Star Dit	79.19 8	P	P	12 21 17.9 0.0
F14K Arctic Creek	79.23 8	P	P	12 21 18.3 +0.1
G21K Alalaket	79.23 3	P	P	12 21 18.5 +0.3
EPYK Eagle Plains	79.24 356	P	P	12 21 18.7 +0.5
G19K Purcell Mounta	79.41 4	P	P	12 21 19.5 +0.3
H29M Whitestone	79.48 357	P	P	12 21 20.2 +0.7
H29M Whitestone	79.48 357	P	P	12 21 19.6 +0.1
G18K Tagagawik	79.55 5	P	P	12 21 20.1 +0.2
H27K Steamboat Moun	79.59 358	P	P	12 21 20.7 +0.6
H25L Birch Creek	79.62 360	P	P	12 21 20.5 +0.2
H31M Peel River	79.65 355	P	P	12 21 20.5 0.0
G16K Koyuk River	79.73 7	P	P	12 21 21.1 +0.3
IMAR Indian Mountai	79.75 3	P	P	12 21 21.8 +0.8
H22K Ishlittina Cre	79.93 2	P	P	12 21 22.6 +0.6
G15K Niuluk	79.95 7	P	P	12 21 22.5 +0.5
H23K Yukon River	80.04 1	P	P	12 21 22.5 -0.1
H24K Noodor Dome	80.05 1	P	P	12 21 23.9 +1.2
H24K Noodor Dome	80.05 1	P	P	12 21 23.0 0.0
H19K Roundabout Mou	80.06 4	P	P	12 21 23.7 +0.9
H19K Roundabout Mou	80.06 4	P	P	12 21 22.9 +0.2
YKA Yellowknife Ar	80.06 346	P	P	12 21 23.1 +0.4
GAMB Gambell	80.10 11	P	P	12 21 23.0 +0.2
H21K Melozitna Rive	80.12 3	P	P	12 21 24.5 +1.5
H21K Melozitna Rive	80.12 3	P	P	12 21 22.9 -0.1
H20K Anotlenega Mo	80.19 4	P	P	12 21 23.5 +0.2
I27K Kandik River	80.22 358	P	P	12 21 23.5 -0.1
PETK Petropavlovsk-k	80.26 30	P	P	12 21 23.8 -0.2
H18K Honhosa River	80.31 5	P	P	12 21 23.9 -0.2
I28M Mincer Creek	80.32 357	P	P	12 21 24.4 +0.2
I28M Mincer Creek	80.32 357	P	P	12 21 23.9 -0.3
I29M Ogilvie Camp	80.33 357	P	P	12 21 24.1 -0.1
I30M Mount Dempster	80.36 356	P	P	12 21 24.9 +0.5
I30M Mount Dempster	80.36 356	P	P	12 21 24.1 -0.3
PRP Porcupine Dome	80.38 360	P	P	12 21 25.7 +1.1
PRP Porcupine Dome	80.38 360	P	P	12 21 24.4 -0.1
H17K Granite Mounta	80.40 6	P	P	12 21 24.4 -0.1
H16K Matsuhiro Arr	80.48 7	P	P	12 21 24.7 -0.2
MJAR Matsuhiro Arr	80.51 52	P	P	12 21 26.3 +0.6
I26K Coal Creek Min	80.56 359	P	P	12 21 25.6 +0.3
I21K Tanana	80.62 2	P	P	12 21 25.8 +0.1
I23K Minto, Yukon-K	80.72 1	P	P	12 21 26.5 +0.3
POKR Poker Plat Res	80.78 0	P	P	12 21 27.2 +0.7
POKR Poker Plat Res	80.78 0	P	P	12 21 26.7 +0.2
MLY Manley	80.81 2	P	P	12 21 27.1 +1.0
MLY Manley	80.81 2	P	P	12 21 26.8 0.0
GCSA Galena City Sc	80.81 5	P	P	12 21 27.0 +0.4
I20K Naaghdeneel	80.90 3	P	P	12 21 27.0 -0.1
WRGLY Wrigley	80.95 350	P	P	12 21 27.7 +0.3
J30M Hart River	81.00 356	P	P	12 21 28.2 +0.3
COLA College	81.02 1	P	P	12 21 28.4 +0.6
COLA College	81.02 1	P	P	12 21 29.4
COLA College	81.02 1	P	P	12 21 27.8 0.0
COLA College	81.02 1	P		

29d 12h

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like HARP HAARP, L16K Owhat River, M19K Big River Lodg, etc.

2018 OCT

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like S31K Pelican, S32K Killisnoo, KDKA Kodiak Island, etc.

1970

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like JAMC Jamundi, YOTC Yotoco, CZSB Cruzeiro do Su, etc.

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzN, Res, Time, Res, ISC. Rows include SADO Sadowa, PDAR Pinedale Array, PDAR comp=2.1, 1nm, 0.7s, etc.

NAO 29 12:21:09.2, 37.08N-21.77E, h10km, mb4.1
IDC 29 12:21:09.9, 1.2, 37.47N-20.56E, h0km, mb3.9/9,
mbmp3,7/15, ML3,8/5, MS3,3/4, Error ellipse:
s-maj=20.8km s-min=20.2km az=84.0

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzN, Res, Time, Res, ISC. Rows include KRII Keri, LTHK Lithakia, RTZL Ratzaki, PSDA Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzN, Res, Time, Res, ISC. Rows include ITM comp=N,3729um,0.7s, EVGI Lefkada island, EVGI comp=E,4um,0.3s, etc.

Table with columns: Code, Station Name, Az, El, AzE, AzM, AzS, AzN, Res, Time, Res, ISC. Rows include FINES WAKES Array B, FINES comp=E,2.8nm,0.7s, NB2 NORSA Subarra, NOA NORSA Array B, etc.

29d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKE ISLAND, Chango Mai Arr, Zalesovo Beam, etc.

2018 OCT

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like Valsamata, Valsamata, Valsamata, etc.

1972

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like Sjenica, Arkhangelos, Ivanjica, etc.

NAO 29:12:29:42.1, 34:09N-23:86E, h10km, mb3.8
TIR 29:12:30:12.7, 37:23N-20:27E, h9km, 3km, M4.1
IDC 29:12:30:13.9, 0.7, 37:43N-20:88E, h0km, mb4.1/1.5,
mbtmp4.0/28, M.L3.7/11, MS3.4/6, Error ellipse:
s-maj=14.6km s-min=11.9km az=167.0
MOS 29:12:30:14.4, 1.5, 37:38N-20:88E, h15km, mb4.5/10, Error
ellipse: s-maj=8.2km s-min=4.7km az=66.2
THE 29:12:30:15.7, 37:32N-20:72E, h0km, 1km, M.L3.9/18, Error
ellipse: s-maj=1.4km s-min=0.5km az=226.0
BEO 29:12:30:15.6, 0.8, 37:35N-20:47E, h4km, 9km, M.L4.0/8
ATH 29:12:30:16.4, 37:36N-20:77E, h8km, 2km, M.L4.0/3, Error
ellipse: s-maj=3.2km s-min=1.2km az=45.0
NEIC 29:12:30:16.3, 2.7, 37:40N-0:07-20:88E, 0.08h, 1.0km, 1km,
mb4.5/12, Error ellipse: s-maj=11.7km s-min=10.2km
az=207.0
MCSM 29:12:30:16.3, 0.6, 37:16.6, 2.1E+, h12km, mb5.3, mb4.4,
M.Lv4.2, Mw(MB)4.8
ISC 29:12:30:15.3, 0.8, 37:33N-0:03-20:80E, 0.03h, h14km, 4km,
n183, s156/229, mb4.2/23, MS3.4/4, 3C, Ionian Sea

1977

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CHGR Chuyangaron, SIMJ Simiganj, KK31 Karatay Array, etc.

2018 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N14K Kuskokwak Cree, M14K Bethel, O14K Tiglavuivuet M, etc.

29d 13h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G19K Purcell Mounta, G19K Purcell Mounta, O18K Tiglavuivuet M, etc.

29d 13h

Table with columns for station code, name, elevation, date, time, and other metrics. Includes stations like TRLG, MLY, MLY, CUT, TRF, M22K, D23K, D23K, O22K, RC01, RC01, COLD, ONI, ONI, C23K, G23K, G23K, G23K, G23K, BWN, H23K, I23K, I23K, PMR, PMR, PMR, E23K, TOLK, TOLK, GHO, NEA2, NEA2, KBZ, KBZ, MCK, KIV, KIV, KIV, KIV, SHA1, WAT1, KNK, KNK, D24K, PWL, SML, C24K, E24K, E24K, WRH, COLA, COLA, COLA, COLA, H24K, H24K, CCB, F24K, F24K, WAT6, M23K, VRH, VRH, G24K, G24K, POKR, POKR, DHY, P23K, SCM, GLI, HDA, HDA, GUR0, ILAR, ILAR, D25K, D25K, G25K, M24K, H25L, F25K, F25K, KLU.

2018 OCT

Table with columns for station code, name, elevation, date, time, and other metrics. Includes stations like KLU, K24K, PRP, KLMR, EYAK, EYAK, J25K, PAX, C26K, HARP, BMAR, RIDG, F26K, C27K, C27K, N25K, N25K, BMRM, VSLR, VSLR, VORD, VORD, VORR, VORR, G26K, VSR, VSR, SCRK, SCRK, SCRK, LPSR, KAIM, KAIM, SOC, SOC, SOC, SOC, J26L, J26L, MENT, MENT, GLB, I26K, L26K, L26K, VRDI, M26K, M26K, CRQM, MCARA, CRQE, E27K, E27K, TGL, G27K, G27K, D27M, D27M, H27K, I27K, LVZ, LVZ, ISLE, L27K, L27K, BCAR, M27K, M27K, EGAK, EGAK, EGAK, OBN, OBN, OBN, OBN, OBN, MESA, F28M, F28M, E28M, CTG, APA, APA, ARPR, BVCY, D28M, I28M, ANN, ANN, ANN, YUK3.

1978

Table with columns for station code, name, elevation, date, time, and other metrics. Includes stations like DAWY, O28M, E29M, PINM, H29M, YUK6, G29M, I29M, J29N, VADS, VADS, PNL, PNL, GAZ, M29M, M29M, L29M, YUK4, EPYK, K29M, G30M, O29M, YUK6, F30M, JOF, I30M, I30M, J30M, HYT, HYT, M30M, M30M, P29M, P29M, VALR, VALR, N30M, DIKM, MAYO, INK, INK, G31M, P30M, F31M, SPA0, SPA0, SPITS, SPITS, H31M, H31M, SIM, SIM, SIM, ARA0, ARCES, ARCES, ARCES, ARCES, O30N, N31M, N31M, PLBC, PPT, PPT, BZK, S31K, PPT2, PPT2, PPT2, PPT2, BALJ, M31M, M31M, WHY, SKAG, SKAG, KTK1, FURI, FARO, FARO, FARO, BR13, BRTR, BRTR, BRTR.

Table with columns: BRTR, comp-Z, pmax, pmax, 13 54 02.6 +2.2, etc. Lists various astronomical objects and their coordinates.

Table with columns: NIE, Niedzka, 94.15 321 eP, P, 13 54 32.8 +0.2, etc. Lists astronomical objects with detailed coordinates and identifiers.

Table with columns: IZEF, Zefreh, 3.18 97 Pn, Pn, 13 47 53.3 +1.5, etc. Lists astronomical objects with coordinates and identifiers.

IDC 29 13:46:57.9±5.3, 33.04N:48.60E, h0km, mb3.9/3, mbmp3.7/4, ML3.1/1, MS3.0/1, Error ellipse: s-maj=104.5km s-min=45.5km az=112.0 NEIC 29 13:46:59.0±0.4, 33.01N:03.48E:0.2, h10km±1km, mb4.3/10, Error ellipse: s-maj=22.8km s-min=3.0km

TEH 29 13:46:59.6±5.6, 33.35N:48.56E, h5km, ML3.5 ISC 29 13:47:01.4±0.8, 33.32N:00.548E:0.03, h10km, n53, c1860/49, mb4.1/5, Western Iran

IDC 29 13:50:49.5±1.9, 6.42S: 129.64E, h0km, mb3.6/2, mbmp3.8/5, ML3.9/3, Error ellipse: s-maj=89.2km s-min=26.0km az=77.0 ISC 29 13:51:04.7±1.5, 7.25S:0.1:129.6E:0.1, h150km, n6, c241/8, Banda Sea

IDC 29 14:02:11.3±1.1, 11.30N:85.94W, h0km, mb3.7/4, mbmp3.8/5, ML3.6/1, Error ellipse: s-maj=60.3km s-min=12.4km az=48.0 NEIC 29 14:02:11.2±2.1, 10.68N:0.06:86.42W:0.07, h10km±1km, mb4.5/20, Error ellipse: s-maj=13.3km s-min=8.0km az=226.0

CATAC 29 14:02:11.9±0.7, 10.61N:86.54W, h24km, gkm, ML4.0 0.4m, 0.5s, baz=120, slow=5.5, SNR=7.4, h24km, gkm, MW3.9 ISC 29 14:02:18.1±6.1, 10.72N:86.86:86.42W:0.06, h33km±11km, n93, c098/100, mb4.3/13, Off coast of Costa Rica

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s, ISC, etc. Lists astronomical objects with detailed coordinates and identifiers.

29D 14h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Las Juntas de, San Benito, Ruinas Leon Vi, etc.

IDD 29 14:05:24.6:1.7, 37.71N:20.72E, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=55.8km s-min=29.1km az=116.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRI1, LTHK, etc.

2018 OCT

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LTHK, RTZL, PSDA, etc.

IDD 29 14:19:10.4:0.9, 31.87N:93.61E, h0km, mb3.8/8, mbmp3.8/12, ML3.4/4, Error ellipse: s-maj=42.6km s-min=16.5km az=53.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, MKAR, AAK, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRI1, LTHK, PSDA, etc.

NEIC 29 14:26:55.2:1.1, 3.03N:0.09x124.40E:0.05, h296km, 8km, mb4.5/42, Error ellipse: s-maj=14.5km s-min=1.6km az=209.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMSI, TINTI, etc.

Table of astronomical observations for 1981, listing station names, station IDs, phase IDs, and time residuals for various stations like ASAR, CMAR, JMN, etc.

Table of astronomical observations for 1981, listing station names, station IDs, phase IDs, and time residuals for stations like JWG, JOG, JGG, etc.

Table of astronomical observations for 2018 OCT, listing station names, station IDs, phase IDs, and time residuals for stations like JIW, JNTW, JHHS, etc.

Table of astronomical observations for 2018 OCT, listing station names, station IDs, phase IDs, and time residuals for stations like KRII, LTHK, PSDA, etc.

Table of astronomical observations for 29d 14h, listing station names, station IDs, phase IDs, and time residuals for stations like EVGI, EVGI, DRO, etc.

Table of astronomical observations for 29d 14h, listing station names, station IDs, phase IDs, and time residuals for stations like MOS, NEIC, MAN, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like CTAO Charters Tower, JTM Tenmabayashi, and various other locations.

Table with columns for station name, frequency, power, and coordinates. Includes stations like CAN Canberra, CANB Canberra Magna, and various other locations.

Table with columns for station name, frequency, power, and coordinates. Includes stations like ARTI Arti, TNA Tin City, and various other locations.

29d 14h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like BELG, E19K, H19K, J19K, L19K, N19K, O19K, D20K, B20K, F20K, E20K, Q19K, OHAK, H20K, I20K, K20K, J20K, A21K, KDAK, C21K, IMAR, B21K, G21K, A22K, E21K, F21K, H21K, PPLA, CHUM, HOM, CAST, B22K, I21K, D22K, CAPN, F22K, RAYN, RAYN, RAYN, BRSE, H22K, E22K, G22K, SUA, BPAW, MLY, MLY, TRF, M22K, D23K, O22K, COLD, C23K, G23K, SEW, H23K, I23K, I23K, PMR, PMR, E23K, E23K, TOLK, KBZ, NEA2, MCK, KIV, WAT1, KNK, KNK, D24K, D24K, PWL, SML, SML.

2018 OCT

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like C24K, E24K, COLA, COLA, H24K, F24K, WAT6, M23K, G24K, POKR, P23K, SCM, GLI, GURO, HDA, ILAR, D25K, G25K, Q23K, M24K, H25L, F25K, KLMLR, PRP, C26K, HARP, BMAR, F26K, F26K, C27K, N25K, N25K, BMRM, G26K, KAIM, SOC, SOC, SOC, J26L, I26K, L26K, M26K, BGLC, MCAR, CRQE, E27K, E27K, TGL, G27K, D27M, K27K, H27K, I27K, L27K, M27K, EGAK, EGAK, OBN, OBN, MESA, GRNC, F28M, F28M, E28M, E28M, CTG, APA, ARPR, BVCY, D28M, I28M, YUK3, VOI, DAWY, DAWY, E29M, E29M, PINN, H29M, YUK8.

1984

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like G29M, I29M, J29N, PNL, M29M, M29M, L29M, L29M, YUK4, EPYK, EPYK, K29M, G30M, O29M, YUK6, F30M, I30M, I30M, J30M, J30M, HYT, M30M, M30M, P29M, N30M, MAYO, INK, G31M, G31M, P30M, F31M, F31M, SPITS, H31M, SIM, SIM, SIM, ARCES, O30N, N31M, PLBC, PPT2, PPT2, PPT2, PPT2, PPT2, S31K, M31M, M31M, WHY, WHY, SKAG, FARO, FARO, BR131, BRTR, BRTR, SIT, R32K, A36M, A36M, N32M, EIL, TBI, TBI, FINES, FINES, FINES, FINES, AKASG, AKKB, AK10, KIEV, MAW, MAW, AK02, Q32M, U33K, C36M, R33M, MI28, LUBAR.

1985

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, H, Time, Res, S, P, Pn, Pm, Pmax. Includes stations like V35K Ketchikan, WTLY Watson Lake, T35M Bob Quinn, etc.

NEIC 29 14:41:46.72.2.8'3"N, 126.63'E, 0.08, h10km, 1km, mb5.1/5.3, Error ellipse: s-maj=19.2km s-min=12.1km az=150.0

IDC 29 14:41:56.32.9.8'56"N, 126.63'E, h86km, 25km, mb4.5/2.1, mbtmp, 4.8/2.1, MS4.3/3.0, Error ellipse: s-maj=30.8km s-min=19.7km az=80.0

ISC 29 14:41:46.10.6.842N, 0.09, 126.78E, 0.09, h10km, n97, s=125/97, mb5.0/37.1D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, H, Time, Res, S, P, Pn, Pm, Pmax. Includes stations like BIPH Bislig, BIPH Davao City, KAPI Kappang, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, H, Time, Res, S, P, Pn, Pm, Pmax. Includes stations like KBL Kabul, GAR Garm, CHGR Chuyangaron, etc.

IDC 29 14:43:33.9.0.4.34'22"N, 78.26'E, h0km, mb4.8/3.7, mbtmp, 4.8/4.1, ML4.0/4.1, MS4.3/3.0, Error ellipse: s-maj=12.0km s-min=9.1km az=35.0

NDI 29 14:43:33.7.34'61"N, 78.38'E, h10km, mb5.0, ML4.4, mb5.2(NEIC)

BUI 29 14:43:33.2.34'17"N, 78.15'E, h6km, mb4.8/4.6, mb5.1/1.8, ML4.9/4.1, MS4.8/3.8, Ms7.4/5.3

MOS 29 14:43:34.9.1.3.34'27"N, 78.19'E, h17km, mb5.3/4.1, MS4.4/1.0, Error ellipse: s-maj=6.2km s-min=3.0km baz=109.2

NEIC 29 14:43:35.8.34'24"N, 78.13'E, h18km

NEIC 29 14:43:35.8.1.6.34'23"N, 0.06'78.12'E, 0.07, h10km, 1km, mb5.2/8.2, Mw4.9/1.4, Error ellipse: s-maj=11.2km s-min=8.9km az=155.0

NEIC 29 14:43:35.8.34'24"N, 78.01'E, h18km, Moment Tensor Solution. Duration: 196 Moment tensor: Scalar 10^16Nm; M1=3.26; M2=1.00; M3=2.27; M4=0.21; M5=1.17; M6=0.77;

Fault plane solution: Ms3.12000x10^16 Np1.33.10000', d46.59000', lambda=86.77000'. NP2.208.40000', d43.51000', lambda=93.41000'. Principal axes: T 2.9632, P12.0000, Azm1.00000', Azm2.0000', Azm3.00000', Azm1.00000', P-3.2731, Plg67.0000', Azm358.00000', GCMT 29 14:43:39.0.2.34'30"N, 0.02'78.00'E, 0.2, h18km, MW5.0/1.12, Moment Tensor Solution. s44, c51;

s112, c117; Duration: 0 Moment tensor: Scalar 10^16Nm; M1=4.28; M2=1.52; M3=1.4; M4=1.38; M5=2.43; M6=0.9; M7=0.11; M8=1.4; Best double couple: Mw4.68300x10^16 Np1.231.00000', d52.00000', lambda=73.00000'. NP2.25.00000', d41.00000', lambda=111.00000'. Principal axes: T 4.7460, Plg6.0000', Azm309.00000', N -0.1270, Plg13.0000', Azm40.00000', P -4.6200, Plg75.0000', Azm195.00000', nst41 refers to body waves, cutoff=40s, nst42 refers to surface waves, cutoff=50s. Triangular moment-rate function

NMC 29 14:43:41.2.3.1.34'38"N, 77.65'E, h20km, 20km, mb5.2, mpv5.0 Error ellipse: s-maj=25.9km s-min=16.7km az=132.0

ISC 29 14:43:36.0.6.34'23"N, 0.03'78.18'E, 0.03, h11km, 3km, n544, z205/562, mb5.1/148, MS4.4/4.0, 39C-34D, Kashmir-Xizang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, H, Time, Res, S, P, Pn, Pm, Pmax. Includes stations like DHRM DHARMASHALA, etc.

29d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, H, Time, Res, S, P, Pn, Pm, Pmax. Includes stations like DHRM DHARMASHALA, DHRM DHARM, DHRM DHARM, etc.

29d 14h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SN, S, P, Pn, Pmax, I, L, R, LR, M, MLR).

2018 OCT

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SN, S, P, Pn, Pmax, I, L, R, LR, M, MLR).

1986

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SN, S, P, Pn, Pmax, I, L, R, LR, M, MLR).

29d 14h

Table with columns: SOEI, VOI, ESDC, NEEM, SUMG, MVO, SAUI, POLO, MTE, PVIS, PMRV, PBAR, ICESG, LSZ, DY2G, TOLK, TORO, TORO, SFJD, BROLN, BMAR, J2OK, INK, ILAR, ILAR, ILAR, C36M, LPHEP, WRA, WRAB, WRAB, WB2, SKT, ONGWA, RIDG, KWAN, LBTB, GRTLK, KGCAE, SKOMA, ASAR, MAKGR, TSUM, LUBAN, KOOLE, BOSA, BOSA, BOSA, M31M, DBIC, N31M, WIN, WRGLY, YKA, YKA, CTAO, CTAO, SCHO, STKA, FFC, FFC, SADO, TROL, SNAE, SNAE, VNA2, VNA1, VNA3, QSPA, QSPA, LPAZ, PB11, NNA, NNA, TA01, LVC, LVC, CO02, PLCA

2018 OCT

Table with columns: ATH, THE, IDC, ISC, Code, Station Name, Az, Phase ID, Time, Res

1988

Table with columns: IDI, MLR, BCA, ESDC, HFS, EKA, FINES, NOA, MKAR, THE, Code, Station Name, Az, Phase ID, Time, Res

1991

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KURK, KURKB, DGTI, BTLS, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like F15K, G15K, CHNA, L15K, etc.

29d 14h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like N19K, D20K, M19K, B20K, etc.

29d 14h

Table with columns: Station Name, Frequency, Power, Mode, Direction, and Time. Includes stations like TOLK Toolik Lake Re, NEA2 Nenana, GHO Glory Hole Cre, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Mode, Direction, and Time. Includes stations like L26K Log Cabin Wild, VRDI Viper Repetier, MOS Moscow, etc.

1992

Table with columns: Station Name, Frequency, Power, Mode, Direction, and Time. Includes stations like BALJ Balqa, S31K Pelican, MMAL Mount Meron Ar, etc.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations MORC, JAVC, KSP, VRAC, VRAN, VRV, KRUC, BRG, etc.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations GERS, GSPA, B08A, YBH, NEW, RKT, RKT, ELIB, NVAR, NVAR, PDAR, SNA, X1A, TOR, TOR, TOR, TOR, TOR, TOR.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations 833A, O48B, L61B, L61B, G006, OTAV, SDV, PLTB, CZSB, CAM01, DUB01, ALFO, LPZA, LPZA, LPZA, LPZA, LPZA, LPZA.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations 833A, O48B, L61B, L61B, G006, OTAV, SDV, PLTB, CZSB, CAM01, DUB01, ALFO, LPZA, LPZA, LPZA, LPZA, LPZA, LPZA.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations 833A, O48B, L61B, L61B, G006, OTAV, SDV, PLTB, CZSB, CAM01, DUB01, ALFO, LPZA, LPZA, LPZA, LPZA, LPZA, LPZA.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations O18K, J30M, ASAR, KDAK.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations NAO, NEIC, PDG, MED, KRI, KRI, LTHK, LTHK, LTHK, LTHK, RTZL, RTZL, PSDA, PSDA, VLS, VLS, VLS, VLS, LXR, LXR, DMLN, DMLN, DMLN, DMLN, RLS, RLS, RLS, RLS.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS, RLS.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations TSUK, EFP, EFP, EFP, EFP, GUR, GUR, GUR, GUR, KALE, KALE, KALE, KALE, ANX, ANX, ANX, ANX, ANX.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX.

Table with 4 columns: Code, Station Name, Azimuth, and Position. Includes stations ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX, ANX.

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

1993 MORC Moravsky Berou 95.62 322 eP P 15 05 12.0 -0.3

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

2018 OCT O18K Koktuh Hills 76.59 25 P P 15 08 36.1 -0.2

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h TSUK Tsoukalades, L 1.50 4 P Pn 15 02 06.4 +1.1

29d 15h

Table of station data for 29d 15h, including ARSA Arzberg, MYKA Terra Mystica, KBA Koelnbreispers, CONA Conrad Observa, ABTA Abfallersbach, VYHS Vyhne, MOA Molin, BIOA Bad Ischl, LESA Schwarzeleotal, WTTA Wattenberg, WATA Walderalm, META Feichten, FOTA Moosalm, GERES GERESS Array B, DAVA Damuels, KHC Kasperse Hory, ARPR Arapgir-MALATY, EIL Elat, AKASG Malin Array Be, AKBB Malin Array Si, NACGM Naroch, KBZ Khabaz, ESDC Sonseca Array, MDT Midelt, HFS Hagfros, EKA Eskdalemuir Ar, BELG Belogornoye, FINES FINESS Array B, FIA1 FINESS Array S, NB2 NORSAR Subarra, NOA NORSAR Array B, TORD Torodi Ar, AKTO Aktyubinsk, ARTI Arti, ARCES ARCESS Array B, UOSS Minazif, BVAR Borovoye Array, CHGR Chuyangaron, GAR Garm, SPITS Spitsbergen Ar, KURBB Kurchatov Arra, MK31 Makanchi Array, MKAR Makanchi Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, SONM Songiro Array, CHTO Chiang Mai, CMAR Chiang Mai Arr, G31M Satah River, H29M Whitestone, ILAR Eielson Array, USRK Ussuriysk Ar, KRSR Korea Array, WRA Warramunga Arr, ASAR Alice Springs, BGS1 29d 15:10.21.7.2.4.26.26S:29.95E, h0km=88km, ML3.0, BUL 29 15:10:28.6:1.1.26:22S:29.44E, h10km, MD3.5, ISC 29 15:10:37.7:1.4.24.80S:0.07:29.03E:0.04, h10km, n14, -29:02.4, South Africa

2018 OCT

Table of station data for 2018 OCT, including MATP Matopo, MATP Matopo, BLWY Bulawayo, CHIPN CHIPINGE, KRII Karoi, IDC 29 15:14:33.4:1.4.37.34N:20.60E, h0km, mb3.7/8, mbmp3.7/10, ML3.7/2, Error ellipse: s-maj=32.8km, s-min=23.0km az=128.0, THE 29 15:14:37.3:37.50N-20.61E, h3km, ML3.4/14, Error ellipse: s-maj=2.9km s-min=0.4km az=232.0, ATH 29 15:14:38.2:37.51N-20.61E, h5km, 1km, ML3.5/12, Error ellipse: s-maj=1.8km s-min=0.9km az=50.0, ISC 29 15:14:37.4:0.9.37.49N:0.03:20.59E:0.04, h19km, 2km, n52, e079/87, mb3.6/8, Ionian Sea

1994

Table of station data for 1994, including THL Klokokos Trika, MLR Muntele Rosu, AKASG Malin Array Be, HFS Hagfros, EKA Eskdalemuir Ar, FINES FINESS Array B, TORD Torodi Ar, BVAR Borovoye Array, KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, NAO 29 15:18:02.7:35.83N:20.83E, h10km, mb4.3, IDC 29 15:18:5.1.1.0.37:80N:20.44E, h0km, mb3.9/11, mbmp3.8/16, ML3.5/3, Error ellipse: s-maj=20.2km, s-min=18.6km az=23.0, NEIC 29 15:18:19.2:0.8.37.81N:0.08:20.43E:0.03, h10km, 2km, mb4.6/3, Error ellipse: s-maj=13.2km s-min=3.1km az=166.0, ATH 29 15:18:19.9:37.64N:20.51E, h6km, 1km, ML3.8/11, Error ellipse: s-maj=1.8km s-min=0.8km az=25.0, THE 29 15:18:19.3:37.61N:20.49E, h3km, ML3.8/16, Error ellipse: s-maj=1.0km s-min=0.5km az=234.0, ISC 29 15:18:18.6:1.3.37.70N:0.03:20.45E:0.03, h4km, 8km, n74, -35:14/113, mb3.6/8, Ionian Sea

1995

2018 OCT

29d 15h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Kalavryta, Ano Chora, Kalithea, Goura, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like KRIH, LTHK, PYL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like JAOM, JHCJ, JHJ, etc.

SSNC 29 15:27:33.3±1.4, 18.51N:76.62W, h12km, 13km, MD2.7, ML2.9

JSN 29 15:27:33.9±0.3, 18.44N:76.62W, h19km, 3km, MD3.0

ISC 29 15:27:29.2±1.6, 18.48N:0.05:76.55W±0.05, h17km±12km, n12, c0:96/23, Jamaica region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like STH, HOJ, MTJD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ANX, KRIH, LTHK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JAOM, JHCJ, JHJ, etc.

NAO 29 15:29:36.9, 37.25N:23.92E, h33km, mb3.5

BEO 29 15:29:37.6±2.5, 36.82N:20.40E, h58km, 7km, ML4.0/9

ICD 29 15:29:37.9±1.8, 37.36N:20.74E, h0km, mb3.6/m3.6

THE 29 15:29:38.6, 37.11N:20.66E, h1km, ML3.7/18, Error ellipse: s-maj=1.3km s-min=4.0km az=223.0

BUI 29 15:32:45.6, 31.82N:141.43E, h60km, mb4.9/58, mb5.1/12, Ms4.9/3, Ms7.4/52

MOS 29 15:32:47.9±0.9, 31.94N:140.84E, h39km, mb5.0/23, Error ellipse: s-maj=13.2km s-min=5.8km az=109.4

NIED 29 15:32:50.2, 32.22N:141.10E, h19km, MW4.6, Moment Tensor Solution, c3 Moment tensor: Scale: 10^15 N/m^2

JMA 29 15:32:50.2±0.3, 32.22N:141.10E, h19km, MD4.5/32, MW4.9/32, E OFF HACHUJIMA ISLAND

az=103.0, ICD 29 15:32:51.8±1.9, 32.02N:140.79E, h55km, 15km, mb4.2/26, mbmp4.4/29, ML3.8/3, MS3.6/22, Error ellipse: s-maj=15.8km s-min=12.5km az=74.0

ISC 29 15:32:51.8±0.6, 32.02N:140.79E±0.05, h57km±3km, h58km±P-P, n471, c0:193/49, mb4.8/116, MS3.6/16, 22C-1D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JAOM, JHCJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MAJO, JMM, JNU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GUMO, YHNB, NJ2, etc.

WBN Wuhan 22.76 273 P P max 15 37 50.5 +1.1

ZEA Zeya 23.83 340 eP P max 15 37 59.9 +0.5

PETK Petropavlovsk-24.30 25 P P 15 38 04.3 +0.5

BTO Baotou 26.25 298 eP P 15 38 22.8 +1.2

29d 15h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H11N2 WAKE ISLAND Hy 26.29 111 T, H11N1 WAKE ISLAND Hy 26.30 111 T, etc.

2018 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L16K Owhat River 48.02 34 P, M16K Timber Creek 48.16 35 P, etc.

1996

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TRF Thorofare Moun 52.44 32 P, USP Aspenova 52.53 302 P, etc.

1997

Table with columns: Call sign, Name, Azimuth (az), Elevation (el), Power (P), Frequency, and other parameters. Includes stations like BTk, E27K, K27K, G27K, H27K, I27K, D27M, L27K, BCAR, M27K, EGAK, CTG, F28M, BVCV, E28M, I28M, YU8K, D28M, DAWY, E29M, E29M, YUK8, H29M, G29M, G29M, I29M, I29M, SIMJ, SIMJ, J29N, J29N, PNL, M29M, M29M, L29M, YUK4, EPYK, K29M, K29M, YUK6, O29M, O29M, G30M, G30M, F30M, F30M, I30M, I30M, HYT, HYT, M30M, M30M, M30M, P29M, G31M, G31M, P31M, INK, DZM, DZM, F31M, F31M, H31M, N31M, PLBC, M31M, M31M, S31K, WHY, ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, FARO, N32M, P32M, MSVF, ABKAR, ABKAR, P33M, A36M, Q32M, CRAG, S34M, TGNT.

2018 OCT

Table with columns: Call sign, Name, Azimuth (az), Elevation (el), Power (P), Frequency, and other parameters. Includes stations like WTLY, STKA, STKA, STKA, HRA, HRA, LIRD, TOAD, RES, RES, RES, YKA, ARCES, NEEM, NEEM, DAG, DAG, AKT, AKT, AKT, AKT, OBN, OBN, OBN, OBN, FINES, FINES, FINES, KBZ, KBZ, KBZ, KIV, KIV, SH1, BMO, BMO, BMO, J08A, SUMC, RAR, AK03, AKASG, AKASG, AKASG, AKASG, AKKB, AKKB, AKKB, AKKB, AKKB, KIEV, KIEV, KIEV, KIEV, AK12, KVN, LHV, NVAR, HFS, NB2, NOA, MI28, LUBAR, RNPS, R11B, TPNV, PDAR, STNU, BR131, BRTR, BRTR, BRTR, BUR08, TPFO, RAYN, RAYN, RAYN, VRI, ANTO, ANTO, ANTO, ANTO, ANTO, KNB, PPT, PPT, PPT2, PPT2, P18A, OJC, OJC, OJC, NIE.

29d 15h

Table with columns: Call sign, Name, Azimuth (az), Elevation (el), Power (P), Frequency, and other parameters. Includes stations like ESJX, O20A, MORC, MORC, DMC, DMC, DMC, VYHS, VYHS, VYHS, VYHS, N23A, N23A, VRAC, VRAC, VRAC, BRG, BRG, BRG, BRG, BRG, CLL, CLL, CLL, CLL, CLL, KRUC, KRUC, KRUC, MODS, MODS, MODS, TXAR, TXAR, TXAR, TORD, TORD, TORD, GSPA, GSPA, GSPA, GRHS, GRHS, GRHS, TROLL, TROLL, TROLL, SNA, SNA, SNA, VNA2, VNA2, VNA2, VNA3, VNA3, VNA3, VNA1, VNA1, LPAZ, LPAZ, NEIC, IDC, ATH, BEO, NAO, ISC, Code, Station, Phase, ID, ISC, Time, Res.

29d 16h

Table with columns: Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kalavryta, Lefkada island, Tsoukalades, etc.

29d 15:52:43.1+0.7, 22.32N-45.14W, h0km, mb4.2/15, mbmp3.7/13, ML3.0/4, MS3.9/1, Error ellipse: s-maj=24.1km s-min=18.8km az=148.0

NEIC 29 15:52:46.0+1.9, 22.32N:0.1x45.1W:0.1, h10km, mb4.6/70, Error ellipse: s-maj=21.0km s-min=16.4km az=149.0

ISC 29 15:52:44.9-0.5, 22.21N-0.10, 45.05W-0.08, h10km, n104, c088/84, mb4.5/48, MS3.9/18, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ilet Lapin Mar, Patillas, etc.

2018 OCT

Main table for 2018 OCT with columns: Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tuckaleechee C, Extrema, Otavalo, etc.

1998

Table for 1998 with columns: Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Your Creek, Eielson Array, etc.

Table for 1998 with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Devils Post, Mare, Loyalty, etc.

29d 16:02:47.9-0.9, 34.07N-77.93E, h0km, mb3.8/9, mbmp3.7/13, ML3.0/4, MS3.9/1, Error ellipse: s-maj=29.2km s-min=15.8km az=57.0

NEIC 29 16:02:48.2+1.2, 34.03N:0.09, 77.94E:0.08, h10km, n2km, mb4.1/4, Error ellipse: s-maj=15.4km s-min=10.6km az=188.0

ISC 29 16:02:48.8-0.7, 34.07N:0.05, 77.93E:0.10, h10km, n26, c133/27, mb3.8/8, Eastern Kashmir

Table for 1998 with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DHARAMSHALA, Simla, etc.

29d 16:02:47.9-0.9, 34.07N-77.93E, h0km, mb3.8/9, mbmp3.7/13, ML3.0/4, MS3.9/1, Error ellipse: s-maj=29.2km s-min=15.8km az=57.0

NEIC 29 16:02:48.2+1.2, 34.03N:0.09, 77.94E:0.08, h10km, n2km, mb4.1/4, Error ellipse: s-maj=15.4km s-min=10.6km az=188.0

ISC 29 16:02:48.8-0.7, 34.07N:0.05, 77.93E:0.10, h10km, n26, c133/27, mb3.8/8, Eastern Kashmir

Table for 1998 with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, Kurchatov Arra, etc.

29d 16:06:21.0-2.1, 3.92N-125.82E, h0km, mb3.2/4, mbmp3.2/4, Error ellipse: s-maj=212.5km s-min=24.7km az=65.0, Talaud Islands

Table for 1998 with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, etc.

1999

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOKMAK 2, KASTEK, CHUMYSH, TIEN-SHAN, etc.

ATH 29 16:29:47.3, 37.44N-20:51E, h8km, 1km, ML3.0/5, Error ellipse: s-maj=2.9km s-min=1.1km az=53.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KERI, LITHAKIA, VALSAMATA, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NYDRI-Lefkada, LEFKADA ISLAND, TSOUKALADES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DEVILS POINT, VLAKA, LIFUNC, etc.

ATH 29 17:06:08.2, 37.34N-20:59E, h12km, 3km, ML3.4/4, Error ellipse: s-maj=4.8km s-min=1.8km az=39.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KERI, LITHAKIA, VALSAMATA, etc.

29d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES, NOA, BVAR, KURBB, etc.

NEIC 29 17:09:48.4, 1.9, 53.4N, 0:2, 169:7W, 0:2, h96km, 17km, mb3.9/2.0, ML3.5/3.2(AEIC), Error ellipse: s-maj=28.0km s-min=7.4km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CONCORD POINT, NIKH, NIKH, etc.

IOC 29 17:16:38.0, 3.8, 8:53N, 126:30E, h0km, mb3.1/3, mbmp3.1/3, Error ellipse: s-maj=31.7km s-min=30.1km az=62.0

29d 18h

2018 OCT

2002

THE 29 17:52:47.3,37'48N-20:57E, h5km-31km, ML3.3/17, Error ellipse: s-maj=31.6km s-min=0.6km az=0.0

ISC 29 17:52:45.6,15.3,37'41N-0:04-20:50E,0.05,h14km,8km, n46,e128/71,mb4.0/7,Ionian Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various stations like KERI, Lithakia, Pessada-Kefalo, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like ASAR, ILAR, MAW, TORD.

ISK 29 18:24:28.8,36'47N-28:70E, h5km, ML2.9/22
ATH 29 18:24:29.3,36'43N-28:78E, h12km,3km, ML2.7/7
Manual Solution by M.Kolligri This location: 2020/06/30
07:13:34 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

AFAD 29 18:24:4.0,0.0,36'41N-28:68E, h7km,3km, ML2.5
THE 29 18:24:32.1,36'42N-28:56E, h8km,2km, ML2.6/3, Error ellipse: s-maj=3.7km s-min=1.5km az=115.0

ISC 29 18:24:30.2,1.0,36'42N-0:02-28:59E,0.02,h12km,9km, n56,e131/79,Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like RD11, FETHI, DALYAN, MULASEYDIKE, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like AKMS, ALFC, TROD, etc.

IDC 29 18:43:35.2,5.9,5'15S-146:84E, h208km,61km, mb2.9/2, mbtmp3.4/4, Error ellipse: s-maj=109.5km s-min=29.1km az=132.0, Eastern New Guinea region

ISC 29 18:57:26.5,1.5,36'33N-28:78E, h0km, mb3.5/4, mbtmp3.5/6, ML3.4/2, Error ellipse: s-maj=30.5km s-min=23.1km az=143.0

ISC 29 18:57:27.0,36'47N-28:73E, h5km, ML3.3/22
AFAD 29 18:57:28.2,0.0,36'42N-28:71E, h7km,3km, ML2.9
ATH 29 18:57:31.0,36'45N-28:54E, h8km,3km, ML3.0/3, Error ellipse: s-maj=4.5km s-min=2.0km az=278.0

ISC 29 18:57:28.5,1.0,36'43N-0:03-28:70E,0.02,h10km,8km, n52,e1948/77,mb3.5/4,Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like FETHI, DALYAN, MULASEYDIKE, etc.

IDC 29 17:54:50.4,6.3,5'56S-151:36E, h91km,50km, mb3.2/4, mbtmp3.6/5, Error ellipse: s-maj=95.6km s-min=34.6km az=122.0

ISC 29 17:54:51.1,1.4,5'55S-0:5-151:3E,0.5,h100km,n6,e0560/7,mb3.2/4, New Britain region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Port Moresby, WRA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like SMG, KULA, GMLD, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like NAZL, ANZL, AYBE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BCK Bucak, BASM Basma-Aiyon, SMG Samos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRII Keri, LTHK Lithakia, LTHK Lithakia, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MCO Macquarie Isla, PYZ Puysegur Point, WHZ Wether Hill Ro, etc.

NEIC 29 19:11:53.7±1.6, 18.126S; 0.07:178.2W±0.1, h553km, 7km, mb4.1/26, Error ellipse: s-maj=19.1km s-min=8.5km az=66.0

ISC 29 19:11:56.7±1.3, 18.155S; 178.35W, h572km, 10km, mb3.0/9, mbmp4.0/11, Error ellipse: s-maj=28.3km s-min=15.2km az=143.0

ISC 29 19:11:56.5±0.7, 18.1S; 0.1x178.4W±0.1, h579km, n54, r152/58, mb4.0/23, Fijl Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

ISC 29 19:24:59.5±1.6, 37.62N; 20.85E, h0km, mb3.7/5, mbmp3.7/5, MS2.5/1, Error ellipse: s-maj=47.8km s-min=28.3km az=124.0

ATH 29 19:25:00.9, 37.46N; 20.61E, h10km, 3km, ML3.2/4, Error ellipse: s-maj=4.8km s-min=1.1km az=37.0

THE 29 19:25:00.5, 37.43N; 20.58E, h3km, ML3.2/16, Error ellipse: s-maj=0.8km s-min=0.4km az=51.0

ISC 29 19:25:00.7±1.4, 37.45N; 0.04:20.59E±0.04, h0km, 8km, n34, r094/58, mb3.7/5, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRII Keri, LTHK Lithakia, LTHK Lithakia, etc.

mb4.1/4, Error ellipse: s-maj=22.7km s-min=4.9km az=259.0

ISC 29 19:25:36.1±1.2, 56.4S; 0.1x157.4E±0.1, h10km, n29, r19/17, mb3.9/3, MS3.5/5, Macquarie Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MCO Macquarie Isla, PYZ Puysegur Point, WHZ Wether Hill Ro, etc.

ISC 29 20:03:56.6±1.7, 6.02N; 127.55E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=125.3km s-min=18.9km az=69.0

ISC 29 20:03:58.7±1.1, 5.9N; 0.1x127.6E±0.1, h10km, n9, r156/9, mb3.7/6, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DMPH Davao City-Mi, BIPH Bislig, KCP Kidapawan, etc.

SJA 29 20:06:12.5±0.6, 22.96S; 66.59W, h243km, 8km, ML3.8, MW3.8

NEIC 29 20:06:13.9±1.4, 23.07S; 0.07:66.8W±0.1, h240km, 12km, mb4.3/8, ML3.9/2, Error ellipse: s-maj=17.2km s-min=10.0km az=96.0

VAO 29 20:06:14.7±0.4, 22.98S; 66.59W, h216km, 8km, mb3.8

ISC 29 20:06:14.2±1.0, 22.99S; 66.49W, h207km, 12km, mb3.0/2, mbmp3.8/8, Error ellipse: s-maj=17.8km s-min=15.7km az=140.0

GUC 29 20:06:15.3±0.4, 23.08S; 66.86W, h240km, ML4.0

ISC 29 20:06:12.4±0.6, 23.06S; 0.04:66.5W±0.05, h222km, n81, r156/9, 6C, Jujuy Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YJA Yavi, AFO1 San Pedro de A, SLA San Lorenzo, etc.

29d 20h

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Diego Aracena, Chusmiza, Hualquiue, IPOC Station P, etc.

DC 29 20:17:20.5:0.3,57:64S:66:19W, h0km, mb5.6/23, m1m5:5.25, ML5.0,2, MSS:442, Error ellipse: s-maj=15.0km s-min=7.9km az=30.0

MOS 29 20:17:22.8:0.9,57:53S:66:41W, h19km, mb6.2/42, MS5.4/45, Error ellipse: s-maj=18.0km s-min=7.0km az=88.0

NEIC 29 20:17:22.5:2.1,57:55S:0:06:66:3W:0.1, h10km,1km, mb6.1/373, Ms.20.5,5746,Mwb5.7/17,Mwv5.8/31, Error ellipse: s-maj=13.9km s-min=9.6km az=252.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn:3.94; M0:2.05; M1:4.19; M2:0.55; M3:2.57; M4:1.69; Fault plane solution: Ms:14000x10^17 Np2: 0.134,50000; 0.41,09000; 1.57,95000; NP2: 0.354,21000; 0.56,15000; 1.14,83000; Principal axes: T 4.5779, Plg68.0000; Azm316.0000; N 0.9758, Plg20.0000; Azm160.0000; P -5.5537, Plg8.0000; Azm67.0000;

NEIC 29 20:17:22.5:0.3,57:71S:66:33W, h10km, mb5.8

NEIC 29 20:17:22.5:0.1,57:55S:66:31W, h26km, Moment Tensor Solution. Duration: 40 Moment tensor: Scale 10^17Nm; Mn:7.0; M0:0.58; M1:3.23; M2:3.0; M3:2.34; M4:4.30; Fault plane solution: Ms:6.18000x10^17 Np1:0.5,06000; 0.70,87000; 1.18,72000; NP2:0.125,94000; 0.84,05000; 1.35,82000; Principal axes: T 7.0481, Plg65.0000; Azm311.0000; N 1.5418, Plg27.0000; Azm175.0000; P -5.5063, Plg21.0000; Azm74.0000;

NEIC 29 20:17:22.5:0.1,57:55S:66:31W, h26km, IPGP 29 20:17:23.0:0.57:54S:66:31W, h14km, Mw5.8, Fault plane solution: NP1:0.352,00000; 0.66,00000; 1.16,00000; NP2:0.131,00000; 0.42,00000; 0.57,00000.

GUC 29 20:17:25.0:0.1,57:69S:0:01:66:43W:0.01, h28km, MW5.8/153, Moment Tensor Solution. s149,c298; s153,c452; Duration: 20 Moment tensor: Scale 10^17 Nm; Mn:12.05; M0:2.90; M1:3.03; M2:3.00; M3:3.00; Best double couple: Ms:6.78000x10^17 Np1:0.353,00000; 0.58,00000; 1.25,00000; NP2:0.121,00000; 0.46,00000; 0.48,00000; Principal axes: T 7.2900, Plg60.0000; Azm317.0000; N -1.2240, Plg29.0000; Azm153.0000; P -0.6060, Plg7.0000; Azm59.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

BUI 29 20:17:25.0:0.57:60S:66:40W, h30km, mb5.9/39, Ms5.8/51, Ms7.6/53

ISC 29 20:17:23.4:0.5,57:58S:0:03:66:39W:0.04, h18km,2.2km, h18km,P-P,1858,1521/1508,mb6.1/243,MS5.5/434, 148C-2B,Drake Passage

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Puerto William, Usha, Ushuaia, Isla Dawson, Cerro Sombrero, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like Cerro Sombrero, Punta Arenas, Isla Riesco, Cerro Castillo, Palmer Station, etc.

2004

Table with columns: Code, Station Name, Az, El, Pn, S, Time, Res. Includes stations like VNA3, VNA4, VNA1, VNA2, VNA5, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FDPA, AMBA, FRTB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NBSP, CACY, RCBR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ODZ, comp=Z,193nm,1.2s, etc.

29d 20h

Table with columns for station name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 20 55 26.5).

2018 OCT

Table with columns for station name, frequency, and various signal quality metrics (e.g., SJG, SJG, 75.41 0 eP).

2006

Table with columns for station name, frequency, and various signal quality metrics (e.g., MSVF, MSVF, comp=Z,86nm,1.0s).

2007

Table with columns for call sign, frequency, power, and other technical details for stations in 2007. Includes stations like XMAS Kiritimati, JSC Jenkinsville, and many others.

2018 OCT

Table with columns for call sign, frequency, power, and other technical details for stations in 2018 OCT. Includes stations like AMTX, R49A Shelbyville, QUOK Pinon Flats, and many others.

29d 20h

Table with columns for call sign, frequency, power, and other technical details for stations in 29d 20h. Includes stations like ERPA Erie, K62A Royalston, TPFO Pinon Flats, and many others.

29d 20h

2018 OCT

2008

Table with columns for event name, date, time, and various codes. Includes entries like PVAQ, VAQUEIROS, AHID, EYMN, ORV, SNOW KING MOUNT, etc.

Table with columns for event name, date, time, and various codes. Includes entries like ESSK, CSS, SOKA, MYKOM, etc.

Table with columns for event name, date, time, and various codes. Includes entries like PVCC, AHID, EYMN, ORV, SNOW KING MOUNT, etc.

2009 2018 OCT 29d 20h

Table of station data for 2009, including columns for station name, coordinates, and various parameters like SNR and P values.

Table of station data for 2018 OCT, including columns for station name, coordinates, and various parameters like SNR and P values.

Table of station data for 29d 20h, including columns for station name, coordinates, and various parameters like SNR and P values.

29d 20h

Table with columns for station ID, name, coordinates, elevation, and various data points. Includes stations like MNK Minsk, J26L Joseph Creek, SHAI1 Shidzhatmaz, etc.

2018 OCT

Table with columns for station ID, name, coordinates, elevation, and various data points. Includes stations like H25L Birch Creek, BHPL Rhopal, NEA2 Nenana, etc.

2010

Table with columns for station ID, name, coordinates, elevation, and various data points. Includes stations like COLD Coldfoot, C26K Camden Bay, I20K Naaghdeneel, etc.

2011

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOF Joensuu, NOR Nord, G17K Kwajalek Mound, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like GULI GULI, ABKAR Abkulat array, PZH PanZhiHua, etc.

29d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PET Petropavlovsk, BILBINO Bilibino, BILBINO Bilibino, etc.

29d 20h

Table with columns: HNS, ZSN, ZNI, TIY, SEY, DL2, MA2, BJK, USRK, BTO, HHC, ZALV, NRIK, NRIK, MDJ, CN2, CN2, BNX, XLT, XLT, XLT, XLT, KLR, SONM, SONM, ULN, ZAK, MOY, YAK, YAK, YAK, IRK, CIT, CIT. Rows contain station names, coordinates, and various data points.

IDC 29 20:23:25.1±1.3, 37.58N±21.12E, h0km, mb3.8/5, mbtmp3.6/9, ML3.6/2, Error ellipse: s-maj=22.5km

ATH 29 20:23:28.6, 37.38N±20.75E, h10km±2km, ML3.7/10, Error ellipse: s-maj=3.3km s-min=0.8km az=56.0

THE 29 20:23:28.9, 37.39N±20.78E, h11km, ML3.6/16, Error ellipse: s-maj=0.9km s-min=0.4km az=227.0

ISC 29 20:23:27.5±1.4, 37.38N±20.83E±0.04, h11km±10km, n42, r153/69, mb3.9/5, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KERI, Lithakia, Pessada-Kefalo, Valsamata, etc.

2018 OCT

Table with columns: PYL, PYLOS, PYL, PYL, LXR1, LXR2, SMHA, SMHA, SMHA, ITM, ITM, ITM, DRO, DRO, DRO, DRO, DMLN, DMLN, DMLN, FSK, FSK, FSK, FSK, EVGI, EVGI, EVGI, DRAG, GUR, NYDR, NYDR, EFP, EFP, KALE, KALE, TSLK, TSLK, ANX, ANX, VLI, VLI, IDI, IDI, VAE, VAE, MLR, MLR, AKASO, AKASO, HFS, HFS, EKA, EKA, FINES, FINES, TORD, TORD, MKAR, MKAR. Rows contain station names, coordinates, and various data points.

IPEC 29 20:33:05.7±0.2, 50.23N±18.77E, h1km, ML2.5/4, Error ellipse: s-maj=2.3km s-min=1.1km az=164.0

PRU 29 20:33:06.8, 50.20N±18.74E, h0km

ISC 29 20:33:06.0±0.8, 50.18N±18.76E±0.02, h0km, n22, r15/33, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Ostrava-Krasne, Ojcov, Moravsky Berou, Dobruska-Polom, Vranov, Ostaras, etc.

2012

Table with columns: BRG, BRG, BRG, CKRC, CKRC, CLL, CLL, AEIC, NEIC, IDC, ISC, Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Happy Valley, Kavik River, Toolik Lake, etc.

2013 2018 OCT 29d 21h

Table with columns for station ID, name, elevation, and coordinates. Includes stations like C21K Knifblade Rid, FYU Fort Yukon, F21K Altna River, etc.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like J25K Salcha River, H20K Anotleneega Mo, H29M Whitestone, etc.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like L27K Beaver Creek, BCAR Beaver Creek A, C16K Lisburne Hills, etc.

Technical notes and coordinates for station L27K: IDC 29.21:00:04.0, 0.7, 28.03N, 103.7E, h0km, mb4.0/17, b2mp14.0/18, ML3.7/1, MS4.8/2, Error ellipse: s-maj=25.2km s-min=14.0km az=53.0

Table with columns for Code, Station Name, Elevation, and Time Res. Includes stations like PZH PanZhiHua, CD2 Chengdu, KMI Kunming, etc.

29d 21h

Table listing astronomical observations for the 29th day of the month. Columns include object name (e.g., LYN, CHTO, CM31), magnitude, position (RA, Dec), and other parameters like error ellipse and tensor scale.

2018 OCT

Table listing astronomical observations for October 2018. Columns include Code, Station Name, Azimuth, Zenith Angle, Station ID, Time, Resolution, and other parameters.

2014

Table listing astronomical observations for the year 2014. Columns include object name (e.g., CO03, ACCO, PSAL), magnitude, position (RA, Dec), and other parameters like error ellipse and tensor scale.

2015

Table of station data for 2015, including call signs (e.g., DUB01, ITRB), locations (e.g., Friburgo-RJ, Iturama), coordinates, and various performance metrics.

2018 OCT

Table of station data for 2018 OCT, including call signs (e.g., CTZ, GRAF), locations (e.g., Chatham Island, Campeão Natio), coordinates, and various performance metrics.

29d 21h

Table of station data for 29d 21h, including call signs (e.g., PPT2, PPT), locations (e.g., comp=Z,2jum,25.2s), coordinates, and various performance metrics.

2017 2018 OCT 29d 21h

Table with columns for station ID, name, coordinates, elevation, and various data points for 2017, 2018 OCT, and 29d 21h. Includes stations like P29M Windy Craggy, P30M Million Dollar, and many others.

29d 21h

Table with columns: ID, Name, Azimuth, Elevation, Position, Status, Date, Time, Magnitude, and other astronomical parameters.

2018 OCT

Table with columns: UZB, Name, Azimuth, Elevation, Position, Status, Date, Time, Magnitude, and other astronomical parameters.

2018

Table with columns: Code, Station Name, Azimuth, Elevation, Position, Status, Date, Time, Magnitude, and other astronomical parameters.

NEIC 29 21:11:17.1 ± 2.8, 6.88S; 0.06 × 104.93E; 0.07, h27km, 3km, mb5.1/82, Error ellipse: s-maj=10.7km s-min=8.0km az=52.0
MOS 29 21:11:19.0 ± 1.2, 6.34S; 105.19E, h50km, mb5.3/40, Error ellipse: s-maj=8.8km s-min=5.0km az=116.6
DJA 29 21:11:19.7 ± 0.2, 7.3 ± 2.1 SE, h55km, 2km, M5.0/71, mb5.2/71, mb5.5/40, MLv5.3/26, Mw(mB)5.0/40, Mw(mw)5.9/2, Mw(m)6.0/2
IDC 29 21:11:19.8 ± 1.2, 6.46S; 105.38E, h47km, 10km, mb4.6/30, mb(m)4.9/31, ML5.5/1, MS4.5/5, Error ellipse: s-maj=12.7km s-min=7.8km az=42.0
BUJ 29 21:11:19.0, 6.70S; 105.10E, h60km, mb4.8/40, mb5.4/10,

2019

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like TNTI Ternate, KNRA Kunurra, CMAR Chiang Mai Arr, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like BTO comp=Z,460nm,5.3s, BTO comp=Z,690nm,5.0s, etc.

29d 21h

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like SGDS Sogindy, ALNE Al Ain, ALNE SNR=6.2, etc.

29D 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Khabaz, Magadan, Shidzhatmaz, Khabaz, etc.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BURAR Bucovina Array, RNP9 Sopachiv, etc.

2020

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZARC Zaragoza, BCIP Isla Barro Col, etc.

2021

Table with columns for call sign, frequency, power, and other technical details. Includes entries like PCRV, PCRV, PCRV, etc.

2018 OCT

Table with columns for call sign, frequency, power, and other technical details. Includes entries like PBMO, BBSD, SIUC, etc.

29d 21h

Table with columns for call sign, frequency, power, and other technical details. Includes entries like MT08, AGMM, DIAM, etc.

29d 21h

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like J04A, H04A, B08A, LLLB, YKA, TOAD, KOTAN, LIRD, V35K, T35M, T35M, WRGLY, DLBC, CRAG, WRAP, S34M, WTLN, TGTY, R33M, R33M, ICESG, Q32M, S32K, SIT, R32K, P33M, P32M, M31M, M31M, O30N, C36M, MORF, P30M, N31M, P29M, SUMG, SUMG, SUMG, MESJ, PCAS, COI, COI, HYT, PBDV, PBDV, N30M, N30M, O29M, PGAV, M30M, YUK6, PVIS, PNL, PESTR, PESTR, PCAB, PCAB, POLO, POLO, PVRL, PVRL, PCBR, PCBR, YUK4, H31M, H31M, PBAR, J30M, J30M, PINM, PINM, M29M, M29M, L29M, L29M, MVO, MVO.

2018 OCT

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like K29M, YUK6, O28M, G31M, G31M, I30M, I30M, F31M, F31M, A36M, YUK3, INK, J29N, CTG, NEEM, MESA, EPYK, EPYK, G30M, G30M, DAWY, BVCY, I29M, F30M, H29M, H29M, BGLO, M27K, CRQE, G29M, BCAR, I27K, I28M, KAIM, EGAK, M26K, K27K, K27K, E29M, BMRM, ESDC, L26K, ESB, DBIC, DBIC, DBIC, I27K, N25K, F28M, H27K, EYAK, E28M, E28M, J26L, G27K, SCRK, SCRK, HARP, I26K, KLU, RIDG, PAX, M24K, E27K, E27K, D27M, D27M, K24K, J25K, J25K, G26K, SCM, M23K, PRP, PRP, F26K, DHY, WAT6, BMAR, KNK.

2022

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like SML, HDA, H25L, IL31, ILAR, SEW, G25K, EKA, EKA, C27K, WAT1, PMR, F25K, F25K, POKR, O22K, COLA, COLA, WRH, RC01, MCK, H24K, H24K, BRSE, G24K, G24K, C26K, M22K, NEA2, CUT, SUA, D25K, DAG, DAG, CAPN, F24K, I23K, I23K, HOM, TRF, MFF, MFF, KDAK, H23K, H23K, Q20K, SKT, KTH, E24K, BP, BP, OHAK, N20K, SPCR, MLY, MLY, O20K, G23K, G23K, LFF, LFF, D24K, E23K, E23K, COLD, PPLA, C24K, C24K, CAST, CAST, TOLK, Q19K, H22K, CHUM, M20K, M20K, I21K, G22K, D23K, D23K, D23K, C23K, C23K, L20K, H21K, H21K, E22K.

2023

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like N19K Bonanza Creek, F22K John River, Q18K Katmai Hardscr, etc.

2018 OCT

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like C19K Lookout Ridge, M15K Kasigluk River, J16K Anvik River, etc.

29d 21h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like PVCC Panska Ves, PVCC Panska Ves, PVCC Panska Ves, etc.

29D 21h

Table with columns: Station Name, Time, Res, and various codes (SONM, KSH, WMQ, etc.). Includes stations like Kashi, Urumji, Korea Array, etc.

IDC 29.21:36.07.2.1.6.8:75N.127.23E,h0km,mb3.4/4, mbmp3.5/5,ML4.0/1, Error ellipse: s-maj=40.6km

NEIC 29.21:55.04.2.0.2.4.44'N,0.7:123.67E:0.2,h85km,7km, mb4.3/21, Error ellipse: s-maj=26.5km s-min=11.7km

ISC 29.21:36.13.7.1.8.8:56N.105.126.68E:0.09,h29km,12km, n47,c1549/47,mb4.4/13,6C,Mindanao

Main table for 29D 21h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes (BIPH, BIPH, SCIPH, etc.).

SKHL 29.21:55.03.4.0.1.43.70N:148.10E,h0km,mb4.1/2 JMA 29.21:55.04.2.0.2.4.44'N,0.7:123.67E:0.2,h85km,7km, mb4.3/21, Error ellipse: s-maj=26.5km s-min=11.7km

Table for East of Kuril Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

2018 OCT

Table for 2018 OCT with columns: Station Name, Time, Res, and various codes (SHO, KUR, YUK, NEM, etc.).

BUI 29.21:55.29.9.2.21N:123.58E,h43km,mb4.2/32,mb4.9/11, ML4.0/3,Ms4,3/6,Ms7 4.1/5

NEIC 29.21:55.04.2.0.2.4.44'N,0.7:123.67E:0.2,h85km,7km, mb4.9/67, Error ellipse: s-maj=11.5km s-min=9.2km

MOS 29.21:59.2.1.0.9.24:18N:123.64E,h50km,mb4.8/21, Error ellipse: s-maj=13.5km s-min=6.7km az=114.3

JMA 29.21:55.04.2.0.2.4.44'N,0.7:123.67E:0.2,h85km,7km, mb4.6/10,MBV3.1/0,NEAR ISHIGAKIJIMA ISLAND

JMA Felt II J1 at NEAR ISHIGAKIJIMA ISLAND. IDC 29.21:55.30.9.2.6.24:27N:123.65E,h46km,25km,mb4.2/24, mbmp4.4/26,ML3.6/2, Error ellipse: s-maj=17.4km s-min=12.1km az=64.0

ISC 29.21:55.30.2.0.5.24:12N:123.60E:0.03,h44km,3km, n383,c097/389,mb4.7/11,9C-1D, Southwestern Ryukyu Islands

Main table for 2018 OCT with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes (HATJ, IRIF, JKRS, etc.).

2024

Main table for 2024 with columns: Station Name, Time, Res, and various codes (JKA, ULN, SONM, ZEA, etc.).

29d 22h

Table with columns: NOA, NORSAR Array B, 79.31 333, P, P, 22 07 30.4 -0.6, etc. Lists various stations and their coordinates and parameters.

NAO 29:22:21.43.8, 34:60N:23:75E, h10km, mb4.3
MOS 29:22:22.11.3, 1.3, 37:34N:20:49E, h10km, mb4.5/17, Error ellipse: s-maj=7.9km s-min=3.9km az=65.4

Code Station Name Az Phase ID Time Res
KRII KERI 0.28 46 P Op ISC h m s ISC

Main table for 29d 22h section, listing station names, coordinates, and parameters for various stations like KRII, LTHK, PSDA, VLS, etc.

2018 OCT

Main table for 2018 OCT section, listing station names, coordinates, and parameters for various stations like UPR, KLV, KARP, etc.

2026

Main table for 2026 section, listing station names, coordinates, and parameters for various stations like PLOR, PLORS, VRI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOS, LKRN, EKA, FINES, NOA, etc.

UPA 29 22:26:00.9,2.0,8.36N,77.74W, h16km,7km, MD3.9, MW3.9
RNSC 29 22:26:01.1,0.0,8.1N,2.7W, h9km,4km, M2.4, ML2.2
ISC 29 22:26:01.3,1.2,8.38N,0.04x77.76W,0.02, h21km,3km, n25, r130/42, 1C, Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTAC, APAC, TABOS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YOJ, EOS3, etc.

29d 23h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MT02 Curacav, HALT Halis, DSP Deep Springs, etc.

2018 OCT

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CCM Cathedral Cave, CCM CCM, CCM comp=Z,52nm,1.1s, etc.

2030

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BBSB Serra de San D, OLIL Olney, N35A Tabor, etc.

2031

Table with columns: ID, Name, Comp, P, I, M, A, S, 20, 23, 34, 56.2, 56.2, etc. Rows include 257A Hurl, MOOW Moose Ponds, MOOW MooW, SLBI Saint Lucia, B, TBG Guadaloupe-3, etc.

2018 OCT

Table with columns: BOZ, BLIZ, L48A, BDOQ, O54A, I04A, I04A, SALV, S61A, I05D, I42A, P57A, N53A, BUCK, BUCK, F33A, SPMN, G08A, G08A, LAO, I02E, H04A, H04A, CPUP, CPUP, CPUP, CPUP, AY03, AQDB, AQDB, G06A, F10A, COR, COR, COR, H43A, H43A, G40A, HOOD, MSO, ALLY, F07A, XMAS, SSPA, SSPA, SJPY, G03D, TRQA, TRQA, TRQA, TRQA, HEBB, E08A, G00B, HAWA, HAWA, F04A, F04A, E07A, AMBA, PSAL, EGMS, MXC, MXC, MDND, MDND, N58A, E38A, E38A, P61A, P61A, F42A, F42A, I49A, COWI, F04D, F04D, F03A, D08A, M57A, ITOB, ITOB, ITOB, ITOB, ITOB, LUPA, LUPA, LON, LON, RPRD, RPRD, LTY, LTY, BRNJ, BRNJ, TRQ

29d 23h

Table with columns: MNV, NEW, NEW, NEW, KSPA, KSPA, MEDO, BBSR, ODNJ, JOKA, WISH, CPNY, EYMN, EYMN, STCH, BINY, PUNY, TRNY, B08A, GNW, GNW, HLP, PAL, PAL, PAL, PAL, HATHI, UWE, UWE, NLWA, MDP, MLH, M62A, E46A, KHU, KHU, KHU, KHU, ARAG, ARAG, HMH, HMH, MWH, POHA, POHA, POHA, SNDB, TCB, HUH, HPAH, B04A, B04A, RAR, RAR, RAR, SADO, SADO, PGC, PGC, M63A, ULM, ULM, ULM, ULM, ULM, ULM, HLK, HLK, PTRB, PTRB, CLRS, KHLH, KHLH, CPBS, L61B, L61B, PRPB, PLTB, LDASE, M65A, M65A, ITRB, ITRB, WEST, WEST, BCX, BCX, J61A, J61A, LONY, LLLB, LLLB, HNH, CBB, CBB, CBB, VTI, VTI, FRNY, HON, HON, LBNH, LBNH, LBNH, LBNH, MNTQ, MNTQ, TRQ

29d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TMAB, BDFB, BDFB, BDFB, I63A, etc.

2018 OCT

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SKAG, SKAG, SKAG, SKAG, P33M, etc.

2032

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like RAGM, RAGM, RAGM, RAGM, MCARA, etc.

2033

Table with columns: Station ID, Name, Location, Date, Time, Status, etc. Includes stations like I29M, I29M, I29M, FRB, PAX, PAX, PAX, PAX, RC01, RC01, SML, SML, PMR, PMR, CNBA, CHNA, EGAK, EGAK, GHO, ACHA, SCRR, SCRR, P19K, PLK4, R17L, RIDG, RIDG, Q18K, WAT6, I28M, I28M, G31M, G31M, EPYK, ILSW, Q17K, M22K, M22K, M22K, J26L, J26L, SUA, DHY, DHY, H29M, H29M, F24K, F31M, F31M, WAT1, G30M, P18K, P18K, I27K, I27K, I26K, I26K, J25K, J25K, G29M, G29M, O18K, O18K, O18K, SKT, SKT, P17K, F30M, RND, RND, RND.

2018 OCT

Table with columns: Station ID, Name, Location, Date, Time, Status, etc. Includes stations like H27K, HDA, HDA, HDA, INK, INK, INK, MSVF, MSVF, MSVF, MCK, MCK, MCK, MCK, IL03, M20K, M20K, M20K, IL31, ILAR, ILAR, ILAR, ILAR, TRF, S12K, S12K, P16K, WRH, WRH, CCB, PRP, PRP, O17K, G27K, G27K, N18K, N18K, PPLA, PPLA, COLA, COLA, COLA, COLA, KTH, KTH, SVW2, SVW2, POKR, POKR, POKR, POKR, MXZ, F28M, F28M, M19K, M19K, M19K, O16K, O16K, NEA2, NEA2, NEA2, L20K, L20K, CAST, CAST, F28M, F28M, E29M, E29M, M18K, BPBW, BPBW, L19K, L19K, H25L, G26K, O15K, I23K, I23K, I23K, H24K, H24K, H24K, E28M, E28M, E28M.

29d 23h

Table with columns: Station ID, Name, Location, Date, Time, Status, etc. Includes stations like N16K, G25K, K20K, K20K, K20K, M17K, E27K, E27K, E27K, MLY, MLY, LVA, BMAR, UNV, UNV, F26K, F26K, F26K, L18K, L18K, H23K, H23K, G24K, G24K, O14K, D28M, N15K, M16K, M16K, TTA, TTA, TTA, TTA, F25K, F25K, I21K, I21K, I21K, J20K, J20K, J20K, A36M, A36M, D27M, D27M, D27M, L17K, L17K, H22K, N14K, M15K, J19K, L16K, L16K, J18K, J18K, J18K, BFZ, G23K, G23K, G23K, F24K, F24K, F24K, NIKH, I20K, I20K, H21K, H21K, H21K, K17K, K17K, K17K, TOZ, COLD, M14K, MRZ, MRZ, MRZ, E24K, E24K, E24K, G22K, IMAR, C27K, C27K, C27K, H20K, L15K, J17K.

29d 23h

Table with columns: ID, Name, Comp, I, Amb, S, P, Val1, Val2, Val3, Val4, Val5, Val6, Val7, Val8, Val9, Val10, Val11, Val12, Val13, Val14, Val15, Val16, Val17, Val18, Val19, Val20, Val21, Val22, Val23, Val24, Val25, Val26, Val27, Val28, Val29, Val30, Val31, Val32, Val33, Val34, Val35, Val36, Val37, Val38, Val39, Val40, Val41, Val42, Val43, Val44, Val45, Val46, Val47, Val48, Val49, Val50, Val51, Val52, Val53, Val54, Val55, Val56, Val57, Val58, Val59, Val60, Val61, Val62, Val63, Val64, Val65, Val66, Val67, Val68, Val69, Val70, Val71, Val72, Val73, Val74, Val75, Val76, Val77, Val78, Val79, Val80, Val81, Val82, Val83, Val84, Val85, Val86, Val87, Val88, Val89, Val90, Val91, Val92, Val93, Val94, Val95, Val96, Val97, Val98, Val99, Val100.

2018 OCT

Table with columns: ID, Name, Comp, I, Amb, S, P, Val1, Val2, Val3, Val4, Val5, Val6, Val7, Val8, Val9, Val10, Val11, Val12, Val13, Val14, Val15, Val16, Val17, Val18, Val19, Val20, Val21, Val22, Val23, Val24, Val25, Val26, Val27, Val28, Val29, Val30, Val31, Val32, Val33, Val34, Val35, Val36, Val37, Val38, Val39, Val40, Val41, Val42, Val43, Val44, Val45, Val46, Val47, Val48, Val49, Val50, Val51, Val52, Val53, Val54, Val55, Val56, Val57, Val58, Val59, Val60, Val61, Val62, Val63, Val64, Val65, Val66, Val67, Val68, Val69, Val70, Val71, Val72, Val73, Val74, Val75, Val76, Val77, Val78, Val79, Val80, Val81, Val82, Val83, Val84, Val85, Val86, Val87, Val88, Val89, Val90, Val91, Val92, Val93, Val94, Val95, Val96, Val97, Val98, Val99, Val100.

2034

Table with columns: ID, Name, Comp, I, Amb, S, P, Val1, Val2, Val3, Val4, Val5, Val6, Val7, Val8, Val9, Val10, Val11, Val12, Val13, Val14, Val15, Val16, Val17, Val18, Val19, Val20, Val21, Val22, Val23, Val24, Val25, Val26, Val27, Val28, Val29, Val30, Val31, Val32, Val33, Val34, Val35, Val36, Val37, Val38, Val39, Val40, Val41, Val42, Val43, Val44, Val45, Val46, Val47, Val48, Val49, Val50, Val51, Val52, Val53, Val54, Val55, Val56, Val57, Val58, Val59, Val60, Val61, Val62, Val63, Val64, Val65, Val66, Val67, Val68, Val69, Val70, Val71, Val72, Val73, Val74, Val75, Val76, Val77, Val78, Val79, Val80, Val81, Val82, Val83, Val84, Val85, Val86, Val87, Val88, Val89, Val90, Val91, Val92, Val93, Val94, Val95, Val96, Val97, Val98, Val99, Val100.

Azm327.0000°: N -0.0520, Plg74.0000°, Azm86.0000°: P -0.9560, Plg14.0000°, Azm235.0000°: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29.23:43.22:4.0, 4.60S:0.06:106.08W:0.07, h17km, n630, o075/583, m5.0/279, MS4.8/38.5C, Central East Pacific Rise

Table with columns: Code, Station Name, Δ2 AzZ, Phase ID, Time h m s, Res ISC. Lists various stations like RPNN, TLIG, RTAL, CMIG, HUEH, MOIG, etc.

Table with columns: Code, Station Name, Azm, Plg, Azm, Plg, Azm, Plg, Time h m s, Res ISC. Lists various stations like TA02, TA01, TA02, TACK, TREL, etc.

Table with columns: Code, Station Name, Azm, Plg, Azm, Plg, Azm, Plg, Time h m s, Res ISC. Lists various stations like TUL3, Leonard, QUOK, GDR, etc.

Table with 3 columns: SRU, comp-Z, and data for various locations like TPH, T42A, S39A, GO05, etc. Includes time and location details.

Table with 3 columns: SRU, comp-Z, and data for various locations like P38A, G3PV, V53A, HUMP, etc. Includes time and location details.

Table with 3 columns: SRU, comp-Z, and data for various locations like Old Faithful, Circle Bar Ran, Chiloquin, OR, etc. Includes time and location details.

29d 23h

Table with columns for station name, time, and residual. Includes stations like PTBG Pitanga, PRPB Parauapebas, ITBB Iturama, etc.

2018 OCT

Table with columns for station name, time, and residual. Includes stations like WRH Wood River Hill, WRP Porcupine Dome, N18K Kilae Creek, etc.

2018 OCT

Table with columns for station name, time, and residual. Includes stations like DAG Danmarks Havn, DAG Danmarks Havn, STEI Steigen, etc.

2018 OCT

Table with columns for station name, time, and residual. Includes stations like DAG Danmarks Havn, DAG Danmarks Havn, STEI Steigen, etc.

NAO 29 23:45:27.3±2.6, 71.56N-31.19W, ML3.3
IDC 29 23:45:31.4±2.3, 71.53N-32.34W, h0km, mb3.8/6,
mbtmp3.8/11, ML3.0/5, Error ellipse: s-maj=41.3km
s-min=22.9km az=104.0
BER 29 23:45:31.2±2.9, 71.49N-33.33W, h10km, mb(Pn)4.3,
ML3.3(NAO), Confirmed Earthquake
ISC 29 23:45:30.4±0.8, 71.60N-32.79W, h10km, n48,
±190.50, mb3.7/6, Jan Mayen Island region

NEIC 29 23:53:05.4±1.4, 4.5S:0.1, 150.8E±0.1, h257km±10km,
mb4.5/22, Error ellipse: s-maj=18.9km s-min=14.4km
az=158.0
IDC 29 23:53:07.1±1.4, 4.51S, 150.69E, h284km±13km, mb3.6/6,
mbtmp4.6/8, Error ellipse: s-maj=30.2km s-min=11.1km
az=124.0

ISC 29 23:53:03.0±0.7, 4.46S:0.09, 150.79E±0.08, h250km±n36,
±162/41, mb4.5/18, New Britain region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, and ISC. Includes stations like RABL Rabaul, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MBWA Marble Bar, PSA00 Pilbara Seismi, NIUE Ruatahuna, etc.

IDC 29 23:58:45.0.1.1, 11.38N:85.95W, h0km, mb3.8/4, mbmp3.8/5, ML3.5/1, Error ellipse: s-maj=58.5km s-min=12.6km az=49.0

CATAC 29 23:58:45.0.0.5, 10.71N:86.56W, h14km, 3km, ML3.9 NEIC 29 23:58:45.0.1.7, 10.78N:0.07:86.40W:0.08, h10km, 2km, mb4.3/26, Error ellipse: s-maj=14.9km s-min=8.8km az=229.0

UCR 29 23:58:46.0.0.0, 10.57N:86.41W, h19km, 6km, MW4.5 ISC 29 23:58:46.4.1.7, 10.67N:0.05:86.47W:0.06, h28km, 11km, n96, e102/113, mb4.2/18, 4C, Off coast of Costa Rica

Main table for 2039 containing station data and event details. Includes stations like EL11 Hacienda Flor, ERIA Liberia, GPS3 Bodegas del ICE, etc.

Main table for 2018 OCT containing station data and event details. Includes stations like ESPN Las Esperanzas, ESPN RAFA RAFA, Y49A Blount Mountain, etc.

Main table for 30d Oh containing station data and event details. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, VLS Valsamata, etc.

Event details for GII 30 00:25:40.5.0.4, 36.330N:0.002:28.762E:0.0/0.1, h1km, Mw4.3, confirmed. Includes parameters like s-maj, s-min, az, and moment tensor information.

Table for 30d Oh containing station data and event details. Includes stations like CODE Station Name, FETHY Fethiye, etc.

30D 0h

2018 OCT

2010

Main data table containing station names, coordinates, and various parameters. The table is organized into columns for station identifiers, coordinates, and other technical details. It includes entries for stations like AKAS, KAS, Mula-Seydik, and many others, with associated numerical values and codes.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MORSHIN, FETA, DAVA, etc.

ISK 30 01:40:44.9, 36:47N, 28:74E, h5km, ML3.1/20
AFAD 30 01:40:45.3, 36:40N, 28:70E, h7km, 2km, ML2.7
ATH 30 01:40:46.6, 36:42N, 28:73E, h7km, 2km, ML2.8/8, Error ellipse: s-maj=4.9km s-min=1.5km az=293.0

Main table for 2043 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DALY, SABU, ARG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ISP, KULA, ZKR, etc.

GUC 30 01:58:47.7, 0.24, 21S, 67.42W, h218km, 10km, ML3.7
NEIC 30 01:58:48.0, 2.4, 24, 15S, 0.07, 67.4W, 0.2, h201km, 8km, mb4.2/5, ML3.7(GUC), Error ellipse: s-maj=21.1km s-min=9.8km az=90.0

Main table for 2018 OCT with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LVC, G002, PB06, etc.

BJI 30 02:13:37.6, 38:74S, 175:48E, h234km, mb5.6/69, mb6.0/50
IDC 30 02:13:38.4, 39:07S, 174:92E, h225km, 2km, mb5.4/20, mb1m, 9/21, Error ellipse: s-maj=6.6km s-min=6.2km az=167.0

Main table for 2018 OCT with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MOS, NEIC, IPGP, etc.

-0.4750, Plg33.0000, Azm225.0000; P - 1.6420, Plg16.0000, Azm125.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
ISC 30 02:13:39.1, 0.2, 39.06S, 174:99E, 0.033, h232km, 1km, h232km, p-P, n, n215, e, r156/1457, mb5.9/222, 138C-47D,

Main table for 30d 2h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WTVZ, NNVZ, etc.

30d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TKNZ, PLWZ, HAZZ, GRZ, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like EIDS, ARPS, MGBR, STKA, etc.

2044

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRAB, WRA, WRA, WRA, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HATZ, CAW, RAHZ, PAWZ, etc.

SOME 30 02:22:13.1, 39.40N;74.90E, h15km
IDC 30 02:22:17.4, 0.5, 39.39N;75.06E, h0km, mb4.5/25,
m1mp4.5/31, M1.3, 7/6, MS4.4/12, Error ellipse:
s-maj=11.3km s-min=9.0km az=77.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSH, SFK, SALK, OHH, etc.

Main table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ULHL, TARG, BOOM, BOOM, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SGDS, SGDS, AAA, AAA, etc.

30d 2h

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like HRA Herat, KURB Kurchatov, BVAO Borovoye Array, etc.

2018 OCT

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like KBZ Khabaz, TNCH TengChong, KARs Kars, etc.

2050

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like PLOR Plostina, NJ2 Nanjing, TURRE Turia, etc.

Table with columns: SKAR, JOW, FDMO, NRCA, SQTA, MOTA, FETA, ODDI, OSSC, BER, BNI, KKM, SBUM, SEY, SSB, SJH, EKA, KMBO, ESDC, SHEM, IL31, ILAR, FITZ, KNRA, YKA, WBO, WRA, WRA, WRAB, WRB, WRO, BOS, BOS, ASAR, ASAR, BBOO, STKA, TROLL, SNA, VNA2, VNA1, VNA3, GSPA. Includes station names, frequencies, and coordinates.

Table with columns: JOTO, JOTO, JOTO, JIO, JHO, JHO, JHO, JHO, JYAR, JSB, JYS, JYS, JFY, JFY, JMK, JMK, JSD, MJAR, MJAR, MAJO, MJB, JTM, JGF, INU, JHJ, JHJ, ERM, ASAJ, ASAJ, JMN, JNU, USRK, KSR, JOW, PETK, BJT, SONM, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, TGY, NIKH, CMAR, CMAR, ZALV, C18K, MKAR, H18K, H18K, C19K, D19K, D19K, J19K, B20K, TARA, KURK, KURK, K20K, K20K, KURB, B21K, B21K, KDKA, CAST, CAST, MLY, H23K, H23K, GHO, D24K, D24K, C24K, C24K, WRH, WRH, H24K, H24K, DHY, DHY, SCM, IL31, ILAR, IL03, BVAR, M29M, M29M, EPYK, EPYK, KKR, G30M, G30M, I30M, I30M, M30M, G31M, G31M. Includes station names, frequencies, and coordinates.

Table with columns: INK, H31M, H31M, N31M, FARO, FARO, SIMJ, SIMJ, SIMJ, A36M, P33M, P33M, MMPY, MMPY, ARTI, ARTI, ARTI, Q32M, Q32M, C36M, FITZ, FITZ, WBO, WBO, WRO, WRO, W2B, W2B, WRA, WRA, WRA, WRA, RES, RES, FORT, FORT, NEW, KVAR, NOA, AKAS, NVAR, RLMT, RLMT, SNOV, SNOV, R11B, PDAR, PDAR, PV21, PV21, PV10, IDI, S39A, TX31, TX31, TXAR, TXAR, ATD, Z47A, TORD, PCDR, CRPR, BAUV, BOS, BOS, BOS, H03N, H03N, H03N, H03N, Code, Station Name, Phase ID, Time, Res. Includes station names, frequencies, and coordinates.

Table with columns: DJA 30 02:26:18, MLI, LHMI, LHMI, KCSI, KCSI, SNSI, GSI, IDC 30 02:29:49, JMA, JMA, JMA, NEIC 30 02:29:57, ISC 30 02:29:55, Code, Station Name, Phase ID, Time, Res. Includes station names, frequencies, and coordinates.

Table with columns: IDC 30 02:30:35, MOS 30 02:34:40, JMA, JMA, JMA, NEIC 30 02:34:42, ISC 30 02:34:40, Code, Station Name, Phase ID, Time, Res. Includes station names, frequencies, and coordinates.

Table with columns: IDC 30 02:34:30, MOS 30 02:34:40, JMA, JMA, JMA, NEIC 30 02:34:42, ISC 30 02:34:40, Code, Station Name, Phase ID, Time, Res. Includes station names, frequencies, and coordinates.

30d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JISG Ishigakijimahi, JTJ Tarama, and various international stations.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo Beam, COEN Coen, and various international stations.

2052

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK comp=N,11nm,1.1s, MNK comp=E,14nm,0.9s, and various international stations.

ADC 30 02:47:41.8; 1.4, 37:41N; 20:47E, h0km, mb3.8/6, mbmp3.7/9, ML3.2/2, MS3.6/1, Error ellipse: s-maj=26.1km s-min=22.3km az=94.0

Table with columns for Code, Station Name, Az, Time, Phase ID, and Res. Includes stations like LTHK Lithakia, LTHK LTHK, and various international stations.

30d 2h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like VILL Villia, SRN Sarande, YDRA Hydra, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like SJSJ Sjenica, PAOL Paolisi, CLTB Cltbellotta, etc.

2054

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CFR Carcaliu, MESR Meseseni, ANTO Ankara, etc.

2055

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOTA, KRUC, FETA, MAUC, MOTA, VRAC, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like STU, LISJ, GHAJ, BFO, etc.

30d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DOU, CHAM, ECFE, GURO, etc.

2057

Table with columns: ABKAR, Akbulak array, 30.53, 55, Iamb, Iamb, 03 07 15.0, etc. Includes rows for ABKAR, GHWR, LDF, APA, ARTI, etc.

2018 OCT

Table with columns: MHTO, MHTO, 36.33, 107, P, P, 03 07 03.0 +0.9, etc. Includes rows for NGCH, BORG, DQM, DQM, DQM, etc.

30d 2h

Table with columns: KSH, S, S, 03 14 15.5 -4.6, etc. Includes rows for KSH, KSH, KSH, KSH, DAG, etc.

30d 2h

Table with columns for station code, name, coordinates, and forecast data for stations like Tsumeb, Tsumeb, Tsumeb, etc.

2018 OCT

Table with columns for station code, name, coordinates, and forecast data for stations like Chengdu, Chengdu, Chengdu, etc.

2058

Table with columns for station code, name, coordinates, and forecast data for stations like Luoyang, Luoyang, Luoyang, etc.

2059

Table with columns for station ID, name, coordinates, and status. Includes stations like CN2, KLR, KLR, E24K, C16K, SNY, SNY, SNY, SNY, SNY, F26K, E23K, E22K, E20K, G29M, F25K, MPOM, RDOG, RDOG, RDOG, BMAR, TMAB, MA2, MA2, MA2, MA2, WHN, WHN, EPYK, D17K, G27K, F22K, P53A, G26K, H31M, H31M, CNSH, CNSH, CNSH, CNSH, T57A, H29M, E19K, E19K, COLD, E18K, F21K, G25K, WRGLY, WRGLY, EYMM, EYMM, H27K, ACSO, ACSO, G24K, G22K, E17K, F20K, FFC, FFC, FFC, G23K, H43A, F19K, H25L, I30M, I30M, I29M, GDU01, G21K, G21K, MDJ, MDJ, MDJ, MDJ, MDJ, F18K, I28M, I28M, ULM, ULM, I27K, MLSI.

2018 OCT

Table with columns for station ID, name, coordinates, and status. Includes stations like F17K, O49A, E38A, E38A, H24K, H24K, J30M, J30M, G19K, H23K, I26K, PRP, H22K, SJK, W57A, W57A, I42A, I42A, G18K, G18K, G29B, J28M, H21K, EGAK, C9P, C9P, NJ2, NJ2, NJ2, H19K, H19K, H20K, POKR, CM01, G17K, I23K, L44A, K29M, DAWY, DAWY, MLPR, MLPR, COLA, COLA, CRPR, CRPR, MLY, ILAR, ILAR, J25K, P48A, H18K, MMPY, MMPY, G15K, USA0B, USA0B, USA0B, K27K, NEA2, HDA, HDA, GCSA, SFIN, SCRK, SCRK, TGNT, SPMM, QIZ, QIZ, QIZ, L29M, L29M, L29M, GUA01, FARO, RIDG, K24K, KOTAN, BPWA, J20K, J20K, PRPB, M31M, M30M, M30M, SMTB, SMTB.

30d 2h

Table with columns for station ID, name, coordinates, and status. Includes stations like BCAR, BCAR, CHUM, J19K, J19K, BG3, M29M, M29M, WCI, WCI, WCI, INCN, INCN, INCN, L26K, TKL, TKL, SDBA, KTH, GSI, GSI, KULM, MENT, TRF, PSI, PSI, PAX, PAX, CAST, CAST, DHY, BVCY, J18K, J18K, N32M, K20K, K20K, J17K, NAN0, M27K, N31M, WTLY, M26K, LIRD, WAT1, N30M, OLIL, PPLA, HARP, KSAR, KSAR, KSAR, WAT6, TOAD, TTA, TTA, YUK3, J14K, YUK4, K17K, TJN, TJN, WHY, WHY, M24K, CUT, P33M, O30N, YUK8, L20K, HYT, HYT, HYT, JANB, PBSI, N25K, N25K, SCM, K15K, L19K, L19K, M23K, L18K, L18K, R33M, R33M, SML, SML, SML, SKT, RIB01, L17K.

30d 3h

Table with columns: Station, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like KLU Klutina, CTG China Glacier, SJMB Sao Joao De Ma, etc.

2018 OCT

Table with columns: Station, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like S39A Bolivar, O15K Ungalikthiuk R, MYKOM Kotabriggi, etc.

2060

Table with columns: Station, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like PTGB Pitanga, J05D Fort Rock, ANMO Albuquerque, etc.

PRU 30 03:00:39.7, 50°21N-19°27E, h0km, Poland
Code Station Name Δ° AZ° Op Phase ID Time Res
OKC Ostrava-Krasne 0.81 243 eSG Pg 03 01 05.8 0.0

IDC 30 03:05:34.7 ± 10.0, 2°30N:68°14E, h0km, mb3.8/4,
mbmp3.8/4, Error ellipse: s-maj=318.5km s-min=34.8km

NEIC 30 03:05:35.7 ± 0.9, 2°4N:0°1:68:2E:0.2, h10km, 2km,
mb4.7/14, Error ellipse: s-maj=31.9km s-min=16.5km

ISC 30 03:05:34.9 ± 1.2, 2.3°N:1.68°E:0.2, h10km, n18,
±1011/18, mb4.5/12, North Indian Ocean

Table with columns: Code, Station, Name, Δ°, AZ°, Op, Phase, ID, Time, Res. Includes stations like DGAR Diego Garcia, CM31 Chiang Mai Arr, etc.

30d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK, KURB, KURK, MK31, MK31, MKAR, MKAR, ZAK, BOS, BOS, VLD, VLD, B22K, B22K, D27M, D27M, E29M, D23K, YKA, G31M, F28M, F28M, E21K, G30M, D19K, D19K, E22K, E22K, G29M, G29M, H29M, H29M, E19K, E19K, F20K, I30M, I30M, I28M, J30M, J30M, IMAR, DAWY, DAWY, J26L, ILAR, ILAR, BCAR, L27K, M29M, M29M, PDAR, PDAR.

AFAD 30 03:21:02.2, 0.36°40N, 28°71'E, h7km, 3km, ML1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETY, FETY, FETY, DALY, DALY, SABU, SABU, SABU, IZZE, IZZE, IZZE, TURN, TURN, TURN, TURN, TURN, CAME, CAME, AKAS, KNIK, KNIK, KNIK, ELL, APMY.

IDC 30 03:35:08.8, 3.5, 1.69S, 99.40E, h0km, mb3.5/6, mbtmp3.5/6, Error ellipse: s-maj=159.1km s-min=23.0km

DJA 30 03:35:12.9, 0.5, 1.3°S, 99.9°E, h10km, M3.76, ML3.7/6

ISC 30 03:35:10.7, 1.9, 1.54S, 0.09, 99.1E, 0.1, h12km, 9km, n22, a197/15, mb3.5/6, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SISI, PPSI, PBSI, PBSI, BKN, SBSI, CSI, H0S2, H0S2, WRA, ASAR, SONM, MKAR, KURB, ZALV.

2018 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, TXAR.

IDC 30 03:37:09.4, 0.9, 12°05'N, 143°76'E, h0km, mb4.2/15, mbtmp4.2/15, Error ellipse: s-maj=24.9km s-min=17.6km

NEIC 30 03:37:16.8, 1.3, 12°22'N, 143°76'E, 0.1, h35km, 2km, mb4.5/40, Error ellipse: s-maj=28.5km s-min=3.0km

ISC 30 03:37:13.9, 0.7, 12°12'N, 143°76'E, 0.1, h25km, m69, a090/68, mb4.5/35, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO, GUMO, GUMO, GUMO, H11N1, H11N2, H11N3, INU, INU, KRSR, WBO, WBO, WRO, WRO, WRO, WRO, WRA, WRA, ASAR, CMAR, SONM, SONM, MKAR, MKAR, ZALV, ZALV, ZALV, KURK, KURK, KURB, BOOM, B20K, MLY, B21K, B21K, D22K, I23K, B22K, B22K, D23K, D23K, E23K, E23K, ILAR, ILAR, ILAR, BVAR, TOLK, C22K, BRVK, BRVK, E24K, F24K, D24K, J25K, J25K, C24K, D25K, D25K, J26L, F26K, F26K, C27K, C27K, D27M, D27M, F28M, E29M, G30M, G30M, G30M, G31M, G31M, INK, ABKAR, ABKAR, ARTI, AKTO, KRSX, B08A, NEW, NEW, BMO, BMO, ARCES, ARCES, INK, NVAR.

2062

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TPNV, TPNV, FINES, FINES, PAL, SNA, GOO7, COB, COB.

GII 30 03:40:36.0, 2.3, 36°45'N, 0°02'28.764E, 0°008, h4km, MWS3.4, confirmed

IDC 30 03:40:37.3, 1.4, 36°31'N, 28°84'E, h0km, mb3.7/3, mbtmp3.7/7, ML3.8/4, MS4.0/1, Error ellipse: s-maj=22.5km

ISK 30 03:40:38.1, 36°45'N, 28°71'E, h5km, ML3.5/32

AFAD 30 03:40:38.9, 0.3, 36°40'N, 28°70'E, h7km, 3km, ML3.2

ATH 30 03:40:39.8, 36°39'N, 28°72'E, h4km, 2km, ML3.4/4, Error ellipse: s-maj=4.3km s-min=2.0km az=113.0

ISC 30 03:40:38.5, 1.1, 36°38'N, 0°02'28.71E, 0.02, h9km, 8km, n95, a193/119, mb3.4/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETY, FETY, FETY, IZZE, IZZE, IZZE, TURN, TURN, TURN, TURN, TURN, CAME, CAME, AKAS, AKAS, AKAS, AKAS, KNIK, KNIK, KNIK, CAEL, CAEL, CAEL, DATC, MULA, MULA, DNZT, DNZT, DNZT, DNZT, DEMR, ELL, YAZI, YAZI, YAZI, TAVA, TAVA, TAVA, TAVA, APMY, BDRM, BDRM, DNIZ, DNIZ, DNIZ, NISR, NISR, NISR, NISR, BODT, AKUM, AKUM, AKUM, YKAV, ESEN, ESEN, ESEN, ESEN, KORT, KORT, KORT, KORT, INCE, INCE, INCE, INCE, KARP, KARP, KARP, KARP, NAZL, ANTB, AYDB, BRDR, BRDR, BRDR, BRDR.

2063

Table listing station data for 2063, including BRDR, BUCA, GCAM, BCK, BSM, SMG, and others with various parameters like I AML, AML, P, Pg, etc.

NEIC 30 03:49:18.0.0.8, 18.9S:0.1x177.0W:0.1, h607km, 10km, mb4.5/26, Error ellipse: s-maj=25.5km s-min=9.3km az=140.0

ICD 30 03:49:25.0.3.2, 18.81S:177.96W, h614km, 27km, mb2/9.5, mbmp3.9/6, Error ellipse: s-maj=107.6km s-min=19.8km az=152.0

ISC 30 03:49:18.0.0.8, 18.9S:0.1x177.1W:0.1, h600km, n35, c0.99/36, mb4.3/18, Fiji Islands region

Main table for 2063 showing station codes (Code), names (Station Name), and various data points like A°, AZ°, Phase ID, Time, Res, ISC.

2018 OCT

Table listing station data for 2018 OCT, including L18K, PGC, HIN, FID, S31K, etc.

ICD 30 04:07:05.7.0.9, 37.55N:20.68E, h0km, mb3.9/12, mbmp3.8/20, ML3.7/4, Error ellipse: s-maj=18.4km s-min=11.3km az=162.0

THE 30 04:07:08.6.7.3, 37.55N:20.45E, h5km, 2km, ML3.6/10, Error ellipse: s-maj=2.1km s-min=0.6km az=30.0

ATH 30 04:07:09.1.3, 37.58N:20.48E, h8km, 2km, ML3.7/12, Error ellipse: s-maj=3.5km s-min=1.1km az=41.0

ISC 30 04:07:08.6.1.2, 37.58N:0.03:20.55E:0.03, h15km, 8km, n55, c1.92/77.2, mb3.9/12, Ionian Sea

Main table for 2018 OCT showing station codes, names, and various data points for stations like KRII, LTHK, etc.

ICD 30 04:24:02.0.3.0.5, 2.69N:126.98E, h0km, mb4.6/27, mbmp4.6/29, ML4.2/2, MS3.7/14, Error ellipse: s-maj=2.31km s-min=1.06km az=81.0

MOS 30 04:24:03.3.0.9, 2.74N:126.92E, h18km, mb5.0/42, Error ellipse: s-maj=10.8km s-min=5.4km az=118.6

NEIC 30 04:24:03.1.4, 2.73N:0.08:126.98E:0.09, h9km, 3km, mb4.9/51, Error ellipse: s-maj=14.7km s-min=9.2km az=110.0

DJA 30 04:24:06.8.0.4, 3.1N:4.127.7E, h10km, M4.8/18, mb5.4/11, mb4.8/18, ML4.6/18, MW(mb)4.8/11

BJI 30 04:24:08.2.2, 3.29N:126.66E, h67km, mb4.7/47, mb5.2/12, Ms4.8/1, Ms7.4/2

ISC 30 04:24:04.1.0.3, 2.72N:104.126.97E:0.06, h10km, n226, c1.58/22.0, mb4.8/94, MS3.8/16, IC2-2D, Northern Molucca Sea

Main table for 2018 OCT showing station codes, names, and various data points for stations like TINTI, LBMI, etc.

30d 4h

Main table for 30d 4h showing station codes, names, and various data points for stations like MDT, HFS, EKA, etc.

ICD 30 04:24:02.0.3.0.5, 2.69N:126.98E, h0km, mb4.6/27, mbmp4.6/29, ML4.2/2, MS3.7/14, Error ellipse: s-maj=2.31km s-min=1.06km az=81.0

MOS 30 04:24:03.3.0.9, 2.74N:126.92E, h18km, mb5.0/42, Error ellipse: s-maj=10.8km s-min=5.4km az=118.6

NEIC 30 04:24:03.1.4, 2.73N:0.08:126.98E:0.09, h9km, 3km, mb4.9/51, Error ellipse: s-maj=14.7km s-min=9.2km az=110.0

DJA 30 04:24:06.8.0.4, 3.1N:4.127.7E, h10km, M4.8/18, mb5.4/11, mb4.8/18, ML4.6/18, MW(mb)4.8/11

BJI 30 04:24:08.2.2, 3.29N:126.66E, h67km, mb4.7/47, mb5.2/12, Ms4.8/1, Ms7.4/2

ISC 30 04:24:04.1.0.3, 2.72N:104.126.97E:0.06, h10km, n226, c1.58/22.0, mb4.8/94, MS3.8/16, IC2-2D, Northern Molucca Sea

Main table for 30d 4h showing station codes, names, and various data points for stations like TINTI, LBMI, etc.

30d 4h

Table containing station call signs (e.g., WRA, WBR2, WBA0), names (e.g., Warramunga Arr, Alice Springs), coordinates (e.g., 23.65 163), and other technical data.

2018 OCT

Table containing station call signs (e.g., ZSN, ZSN, SHLS), names (e.g., Zaisan, Shalkode), coordinates (e.g., 57.48 327), and other technical data.

2064

Table containing station call signs (e.g., KKAR, BRLS, BVA0), names (e.g., Karatay Array, Boroday), coordinates (e.g., 64.14 317), and other technical data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLR, NB2, NOA, TXAR, TORO, S39A, PLCA, PEL, PEI, COO2, LCO, LCO, COO2, CPUP.

IDC 30 04:28:10.2±1.6, 2.74N, 127.23E, h0km, mb3.9/5, mbmp3.9/5, Error ellipse: s-maj=141.3km s-min=21.2km az=66.0

NEIC 30 04:28:11.9±0.9, 2.8N, 127.2E, h10km, 2km, mb4.5/12, Error ellipse: s-maj=23.0km s-min=20.7km az=59.0

ISC 30 04:28:14.9±0.8, 2.8N, 127.2E, h35km, n24, c055/21, mb4.3/11, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOL12, FITZ, WB0, WRAB, WRA, WB2, WR0, PSAA0, ASAR, BB00, STKA, H11S3, H11S2, H11S1, ULN, DGAR, MK31, MKAR, TUWZ, N32M.

SNET 30 04:29:03.7±2.2, 12.33N, 87.65W, h64km, ML3.6
CATAC 30 04:29:04.7±0.4, 12.34N, 87.70W, h36km, 5km, ML3.8
ISC 30 04:29:05.3±6.0, 12.31N, 0.05, 87.71W, 0.4, h36km, 7km, n37, c065/62, ID, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EVIJ, CSGN, CRIN, PKGN, PACN, CNCH, CNGA, LCND, ILCN, LEVN, COPN, BC86, MOM2, MOM2, BLM2, APQ2, TISN, UNAN, LIMN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CAHU, NANN, TECO, UESV, SCLA, COEG, TGUH, PAVA, RCVN, RCPN, BOAB, PMON, JAYA, CARN, NUBE, DZM.

IDC 30 04:44:25.3±2.2, 2.79S, 169.78E, h0km, mb3.8/3, mbmp3.7/5, ML4.3/2, MS3.8/4, Error ellipse: s-maj=89.4km s-min=26.5km az=168.0

NOU 30 04:44:43.0, 21.87S, 168.60E, h13km, MLV3.0/6, Loyalty Islands

ISC 30 04:44:31.4±1.1, 22.1S, 169.41E, h25km, n19, c187/17, mb3.5/3, MS3.8/4, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MARNC, PINN, YATNC, OUENC, DZM, NOUC, MSVF, ASAR, WRA, FITZ, CMAR, ILAR, INK, EKA, ATH, IDC, NEIC, BEO, THE, NAO, Code, KR1I, LTHK, LTHK, LTHK, PSDA, PSDA, RTZL, VLS, VLS, VLS, LXR1, LXR2, DMLN, DMLN, SMHA, SMHA, VSK1, VASILIKIADES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VSK1, FSK, FSK, FSK, FSK, RLS, RLS, RLS, EVGI, EVGI, NYDR, TSUK, TSUK, TSUK, PYL, PYL, ANX, GUR, LIT, FNA, TIP, OHR, CEL, TIR, TIR, VAY, APE, SRS, SRS, IDI, IDI, CUC, PUK, VAE, PDG, PDG, PDG, PDG, DOSS, SELS, SELS, SJES, STON, PAOL, KAR, ZAPS, IVAS, BOVS, BOVS, GRUS, BBS, DIVS, DIVS, HAPS, HAPS, INTR, TEKS, FDMO, VOIR, MLR, KEST, PLOR, VRI, SOKA, OBKA, ARSA, BRTR, MOA, BIOA, LESA, CKRC, GERES, GERES, KHC, MMAI, MMAI, EIL, ATCS, AKBB, WLF, SUW, SUW, ESDC, MDT, HFS, EKA, FINES, NB2, NOA.

30d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORO, ARCES, BVAR, KKAR, KURBB, MKAR, ZALV, SCHO, CMAR.

NEIC 30 05:12:30.2±2.8, 13.83S±0.08, 77.6W±0.1, h10km, 2km, mb4.1/5, Error ellipse: s-maj=22.0km s-min=13.0km

IDC 30 05:12:33.5±1.9, 13.58S±0.77, 28W, h0km, mb3.8/2, mbtmp3.8/6, ML3.5/4, MS3.4/2, Error ellipse: s-maj=42.0km s-min=32.2km az=71.0

ISC 30 05:12:31.2±1.5, 13.82S±0.10, 77.7W±0.1, h35km, n35, s144/24, mb4.1/4, Off coast of Peru

Main table for 30d 5h section, listing station data for various codes like NNA, CZSB, LPAZ, PB11, etc.

IDC 30 05:17:21.3±0.9, 37.46N±0.68E, h0km, mb3.8/1.4, mbtmp3.7/22, ML3.5/6, MS3.2/3, Error ellipse: s-maj=18.0km s-min=14.1km az=166.0

ATH 30 05:17:21.5, 37.37N±0.45E, h8km, 2km, ML4.1/1.3, Manual Solution by K.Orfanogiannaki This location: 2020/06/25 17:55:24 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRII, LTHK, PSDA, VLS, etc.

2018 OCT

Main table for 2018 OCT section, listing station data for various codes like FSK, DRO, DROSSIA, etc.

IDC 30 05:25:00.7±2.4, 3.95N±129.87E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=176.3km s-min=21.5km az=70.0, North of Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, MKAR, etc.

2066

SJA 30 05:42:58.0±0.7, 35.13S±72.13W, h10km, 2km, ML3.6, MW3.4

GUC 30 05:42:59.9±0.9, 35.15S±72.06W, h18km, 2km, ML3.7, ISC 30 05:43:00.3±1.2, 35.15S±72.02W±0.05, h9km, 7km, n41, c1923/69, 2C-50, Near coast of central Chile

Main table for 2066 section, listing station data for various codes like G005, G005, BO03, etc.

IDC 30 05:51:52.6±0.8, 13.86N±144.88E, h122km, 3km, mb3.4/6, mbtmp3.8/6, MS3.0/1, Error ellipse: s-maj=22.5km s-min=18.9km az=106.0

NEIC 30 05:51:53.5:0.8, 13.86N, 01:14:49.0E, 1.2, h12km, 8km, mb4.5/10, Error ellipse: s-maj=30.7km s-min=3.8km az=103.0

ISC 30 05:51:52.9:0.7, 13.8N, 01:14:49.0E, 1.2, h12km, n27, c090211, mb4.2/11, Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like GUMO, PATS, H11S3, WAKE ISLAND Hy 21.44, WAKE ISLAND Hy 21.45, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like MSVF, WRA, ASAR, GQSA, TXAR.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like MSVF, STKA, WRA, ASAR, GQSA, NVAR, TXAR, ILAR.

ISC 30 06:06:30.1:32.0, 37.39N, 20:08'E, h0km, mb3.7/5, mbmp3.6/6, ML3.9/1, Error ellipse: s-maj=610.7km s-min=47.3km az=36.0

ATH 30 06:06:33.5, 37.62N, 20:50'E, h12km, 1km, ML3.5/12, Error ellipse: s-maj=3.9km s-min=1.1km az=44.0

THE 30 06:06:33.5, 37.61N, 20:49'E, h6km, 2km, ML3.6/8, Error ellipse: s-maj=2.5km s-min=0.6km az=43.0

ISC 30 06:06:34.1:1.4, 37.65N, 02:05:20.55E, 0.06, h12km, 7km, n45, c0978/58, mb3.8/5, Ionian Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KR11, KRI1, KR11, LTHK, LTHK, LTHK, LTHK, etc.

ISC 30 06:27:15.4:0.8, 18.2S, 02:17:38'W, 0.1, h600km, n9, c0571/10, mb3.5/8, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like MSVF, STKA, WRA, ASAR, GQSA, NVAR, TXAR, ILAR, SNA4.

THE 30 06:34:13.1, 37.65N, 20:54'E, h0km, 1km, ML4.2/21, Error ellipse: s-maj=1.3km s-min=0.4km az=234.0

ATH 30 06:34:13.7, 37.66N, 20:53'E, h14km, 1km, ML4.2/9, Error ellipse: s-maj=2.1km s-min=0.8km az=240.0

MOS 30 06:34:13.9, 37.80N, 20:35'E, h12km, mb4.7/15, Error ellipse: s-maj=8.5km s-min=4.2km az=65.2

IDC 30 06:34:13.3:0.7, 37.81N, 20:45'E, h0km, mb4.3/16, mbmp4.1/28, ML3.7/8, MS3.6/28, Error ellipse: s-maj=14.4km s-min=12.2km az=153.0

BEO 30 06:34:13.0:0.7, 37.55N, 20:26'E, h15km, ML4.3/12, NEIC 30 06:34:13.9:2.0, 37.76N, 02:06:20.44E, 0.06, h10km, 1km, mb4.6/17, Error ellipse: s-maj=11.0km s-min=7.8km az=207.0

MCSM 30 06:34:16.2:1.2, 38°N, 8°W, 0E, 1.0, h7km, 4km, mb5.8, mb4.6, MLV4.6, Mw(MB)5.4

NAO 30 06:34:30.2, 39°23'N, 19°97'E, h10km, mb4.2, ISC 30 06:34:13.6:1.1, 37.66N, 02:03:20.50E, 0.02, h5km, 6km, n262, c1980/307, mb4.4/30, MS3.5/23, 22C-13D, Ionian Sea

IDC 30 05:58:59.9:6.7, 9.33S, 177.84W, h521km, 56km, mb2.8/3, mbmp3.7/4, Error ellipse: s-maj=231.4km s-min=27.7km az=157.0, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like MSVF, WRA, ASAR, TXAR, FUNV, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KR11, KRI1, KR11, LTHK, LTHK, LTHK, LTHK, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KR11, KRI1, KR11, LTHK, LTHK, LTHK, LTHK, etc.

IDC 30 05:59:51.2:1.7, 37.69N, 19:78'E, h0km, mb3.7/5, mbmp3.6/6, ML3.9/1, Error ellipse: s-maj=44.2km s-min=25.3km az=118.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like AKASG, HFS, EKA, FINES, TORD, KURBB, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like DMLN, DMLN, DMLN, DMLN, DMLN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KR11, KRI1, KR11, LTHK, LTHK, LTHK, LTHK, etc.

IDC 30 06:04:48.0:2.1, 17.82S, 178:47W, h532km, 21km, mb3.0/4, mbmp3.9/5, Error ellipse: s-maj=52.0km s-min=27.1km az=168.0, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like DRO, DRO, DRO, DRO, DRO, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KR11, KRI1, KR11, LTHK, LTHK, LTHK, LTHK, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like KALE, KALE, KALE, KALE, KALE, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, Res. Includes stations like DRAG, DRAG, DRAG, DRAG, DRAG, etc.

IDC 30 06:27:16.0:1.6, 18.13S, 178:28W, h607km, 18km, mb2.9/8, mbmp3.9/9, Error ellipse: s-maj=28.3km s-min=15.2km

Table with columns: Code, Station Name, Delta Azimuth, Phase ID, Time, Residuals, and event description (e.g., ML3.3, ML2.1 (DNK), Confirmed Earthquake).

Table listing KurBAT Kurchatov Arra (2.96 114 Pn) and KurBAT Kurchatov (0.7n, 0.3s) with station names and residuals.

MEX 30 07:04:32.5+0.3; 27.93N; 112.14W, h10km, MD4.3. IDC 30 07:04:32.4+1.2; 28.00N; 111.83W, h0km, mb3.7/2.

Table listing MEX 30 07:04:30.5+1.2; 27.98N; 112.06W, h0km, gkm, n7.3, i193/57, MS3.9/34, 10C-2D, Baja California with station names and residuals.

Large table listing various station names and their residuals for multiple events, including San Francisqui, Bahia Kino, Guerrero Negro, and others.

Table listing station names and residuals for events like TEIG Tepich, TKL Tulaqueleche C, BBB Bella Bella, SADO Sadowa, DLBC Dease Lake, YKA Yellowknife Ar, INK Inuvik, ROSC El Rosal, ILAR Eielson Array, SJO San Juan, SDV Santo Domingo, FRB Froisher Bay, RES Resolute Bay, PCRV Puerto La Cruz, SFJD Kangerlussuaq, RPN Rapa Nui, PPT Papetone, MDP Montagnes Des, LPAZ La Paz, NOVA NORSAR Array B, HFS Hagfors, FINES FINES Array B, ESDC Sonsea Array, MDT Midelf, KIRV Kirov, HNR Honiara, URZ Urewera, GUMO Guam, ARTI Arti, KEST Kesra, BELG Belogorov, BVAR Borovoye Array.

Table listing station names and residuals for event NOU 30 07:07:13.7, 14.95S; 167.21E, h65km, MLv4.3/8, Vanuatu Islands.

Table listing station names and residuals for event ISC 30 07:14:22.7+2.4; 28.02N; 102.118W, h0.05, h18km, 5km, n5, 0035/10, C-1D, Gulf of California.

IDC 30 07:16:50.4+0.9; 37.50N; 20.53E, h0km, mb3.7/10, mbtmp3.7/19, ML3.5/7, MS3.5/47, Error ellipse: s-maj=18.2km s-min=14.3km az=177.0.

Table listing station names and residuals for event BEO 30 07:16:51.2+0.8; 37.36N; 20.17E, h0km, ML4.1/9, ATH 30 07:16:55.5; 37.45N; 20.80E, h7km, 2km, ML3.9/10, Error ellipse: s-maj=4.8km s-min=1.3km az=221.0.

Table listing station names and residuals for event THE 30 07:16:55.3; 37.44N; 20.73E, h8km, ML4.0/10, Error ellipse: s-maj=1.1km s-min=0.4km az=59.0.

MCSM 30 07:17:01.7+3.0; 38.16N; 2.1E, h8km, 22km, mb5.8, n4.2, MLv4.4, Mw(m)5.4.

Table listing station names and residuals for event NAO 30 07:17:03.8; 37.42N; 20.67E, h10km, mb4.3, ISC 30 07:16:53.8; 37.41N; 20.67E, h10km, 7km, n126, i198/112, mb3.8/10, MS3.5/41, Ionian Sea.

Table listing station names and residuals for event NNC 30 07:00:46.8+1.2; 51.82N; 74.25E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=56.3km s-min=7.8km az=27.0, Suspended Mining explosion, IDC 30 07:00:49.0+0.8; 51.77N; 74.23E, h0km, mbtmp2.8/4, ML2.2/4, Error ellipse: s-maj=26.7km s-min=6.2km az=28.0, ISC 30 07:00:48.1+1.0; 51.9N; 0.1+74.28E; 0.06, h0km, n9, i159/13, 2C-7D, Central Kazakhstan.

Table listing station names and residuals for events ELK Elko, ELK Yreka Blue Hor, PDAR Pinedale Array, YBH Yreka Blue Hor, CMIG Matias Romero, NEW Newport, NEW Newport.

Table listing station names and residuals for events RTZL Ratazaki, Kefta, PSDA Pessada-Kefalo, VLS Valsamata, LXRA Lixouri, Kefta, SMHA Samh, DMLN Damoulianata-K, RLS Riotos of Patr, RLS Riotos of Patr, DRO Drossia.

30d 7h

Table of station data for 30d 7h, including columns for station name, type, coordinates, and status.

2018 OCT

Table of station data for 2018 OCT, including columns for station name, type, coordinates, and status.

2070

Table of station data for 2070, including columns for station name, type, coordinates, and status.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alcott Element, Hoopdors, Brookside Elem, Rattlesnake La, Ingelmoor High, Brinnon, South Mountain, etc.

IDC 30 07:46:52.4:10.0,24'12S,179.49E,h654km,137km, mb3.0/5,mbtmp4.0/5, Error ellipse: s-maj=58.1km s-min=34.6km az=66.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Alice Springs, Warramunga Arr, South Pole Qui, Lajitas Array, Hagfors, etc.

IDC 30 07:48:34.8:1.7,2'77N,127'22E,h0km,mb3.9/6,

mbtmp3.9/6, Error ellipse: s-maj=180.5km s-min=17.7km az=66.0

ISC 30 07:48:40.1:3.1,3'N,1'12'7E,h35km,n6,e0943/6, mb3.9/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Boyovoye Array, etc.

SJA 30 07:55:50.6:2.3,24'73S,69'49W,h75km,ML3.7,MW3.6 GUC 30 07:55:51.2:0.8,24'72S,69'49W,h110km,4km,ML3.8

ISC 30 07:55:50.5:1.2,24'73S,69'49W,h114km,9km, n30,11526/53,3C-2D,Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mina Guanaco, IPOC Station P, Pan de Azucar, IPOC Station P, San Pedro de A, IPOC Station P, etc.

ISC 30 08:15:16.9:1.2,38'05N,0'01x112'79W,0.02,h11km,9km, Error ellipse: s-maj=2.8km s-min=1.8km az=116.0

Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mw=2.0; Ms=0.34; Mz=2.34; Ms=1.08; Mw=1.38; Ms=0.36

Fault plane solution: M2.83000x10^14 Np1.0x47.02000; 589.17000; -58.17000; NP2.0; 176.57000; 843.15000; -1.31.46000; Principal axes: T 3.0414, P1g9.0000; Azm115.0000; N -0.4907, P1g27.0000; Azm209.0000; P -2.5507, P1g61.0000; Azm8.0000

UUS 30 08:15:17.1:1.2,38'06N,0'01x112'80W,0.02,h12km,3km, M3.6/23,ML3.6/134(NEIC),Mw3.6/50(NEIC) Error ellipse: s-maj=2.5km s-min=1.8km az=109.0

NEIC 30 08:15:17.2,38'05N,112'81W,h10km IDC 30 08:15:18.1:0.8,38'18N,112'83W,h0km,mbtmp3.1/7

ISC 30 08:15:18.1:0.8,38'18N,112'83W,h0km,mbtmp3.1/7 M3.6/48, Error ellipse: s-maj=8.8km s-min=7.5km az=30.0

ISC 30 08:15:19.2:0.9,38'04N,0'02x112'77W,0.02,h12km,9km, n117,11928/114, Utah

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dry Willow Pca, Beaver, Cedar City, Ir, Mount Pierson, North Mineral, Shurtz Canyon, Three Creeks R, Three Creeks R, Marysvale, Marysvale, Iron Mountain, Cedar City, Pink Cliffs, Pink Cliffs, Zinn National, Barney Top, East Kanab, Pine Spring, Kanab, Willow Creek, Little Creek M, Little Creek M, Indian Springs, Old Woman Plat, Foot Peak, Castle Valley, Spring Creek 3, Spring Creek 3, North Rim, North Rim, Fish Springs, Trail Mountain, Trail Mountain, Bee Bee Dove, Willow Creek R, Pahroc Range, Electric Lake, San Rafael Swe, Butcher Ranch, Dugway, Tooele, North Rim, Maple Canyon, Maple Canyon, etc.

IDC 30 07:58:45.3:1.6,37'29N,21'13E,h0km,mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=51.8km s-min=28.3km az=124.0

ATH 30 07:58:48.2:37'63N,20'37E,h9km,3km,ML3.4/6, Error ellipse: s-maj=4.1km s-min=1.2km az=21.0

ISC 30 07:58:48.1:4.3,37'65N,0'05x20'42E,0.06,h20km,5km, n18,1131/28,mb3.9/5,Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lithakia, Yavi, IPOC Station P, Yavi, IPOC Station P, El Transito, Vinchina, Las Campanas, Humbestone, Yavi, IPOC Station P, Choyas, Chuzmiza, Juntas del Tor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lixouri, Kepha, Samh, Fiskardo, Riolos of Patr, Lefkada island, Drossia, Zalesovo Beam, Kurchatov Arr, Torodi Ar. Bea, Zalesovo Beam, Kurchatov Arr, Zalesovo Beam, etc.

NEIC 30 08:15:16.9:1.2,38'05N,0'01x112'79W,0.02,h11km,9km, Error ellipse: s-maj=2.8km s-min=1.8km az=116.0

Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mw=2.0; Ms=0.34; Mz=2.34; Ms=1.08; Mw=1.38; Ms=0.36

Fault plane solution: M2.83000x10^14 Np1.0x47.02000; 589.17000; -58.17000; NP2.0; 176.57000; 843.15000; -1.31.46000; Principal axes: T 3.0414, P1g9.0000; Azm115.0000; N -0.4907, P1g27.0000; Azm209.0000; P -2.5507, P1g61.0000; Azm8.0000

UUS 30 08:15:17.1:1.2,38'06N,0'01x112'80W,0.02,h12km,3km, M3.6/23,ML3.6/134(NEIC),Mw3.6/50(NEIC) Error ellipse: s-maj=2.5km s-min=1.8km az=109.0

NEIC 30 08:15:17.2,38'05N,112'81W,h10km IDC 30 08:15:18.1:0.8,38'18N,112'83W,h0km,mbtmp3.1/7

ISC 30 08:15:18.1:0.8,38'18N,112'83W,h0km,mbtmp3.1/7 M3.6/48, Error ellipse: s-maj=8.8km s-min=7.5km az=30.0

ISC 30 08:15:19.2:0.9,38'04N,0'02x112'77W,0.02,h12km,9km, n117,11928/114, Utah

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dry Willow Pca, Beaver, Cedar City, Ir, Mount Pierson, North Mineral, Shurtz Canyon, Three Creeks R, Three Creeks R, Marysvale, Marysvale, Iron Mountain, Cedar City, Pink Cliffs, Pink Cliffs, Zinn National, Barney Top, East Kanab, Pine Spring, Kanab, Willow Creek, Little Creek M, Little Creek M, Indian Springs, Old Woman Plat, Foot Peak, Castle Valley, Spring Creek 3, Spring Creek 3, North Rim, North Rim, Fish Springs, Trail Mountain, Trail Mountain, Bee Bee Dove, Willow Creek R, Pahroc Range, Electric Lake, San Rafael Swe, Butcher Ranch, Dugway, Tooele, North Rim, Maple Canyon, Maple Canyon, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time Res, ISC, and various station identifiers. Includes stations like Emma Park, Sheep Range, Argyle Ridge, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, and various station identifiers. Includes stations like Warramunga Arr, Alice Springs, Maknanki Array, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time Res, ISC, and various station identifiers. Includes stations like Veliiai, Janina, Monemvasia, etc.

Table with columns: Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like SKDS, COVR, TFRG, etc.

Table with columns: Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like SENIN, PRU, KZIT, etc.

Table with columns: Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like VORD, BLEU, GNI, etc.

30d 8h

Table with 4 columns: Station ID, Name, Time, and Status. Lists various weather stations including Pulkovo, NORARS Array S, FINES, etc.

2018 OCT

Table with 4 columns: Station ID, Name, Time, and Status. Lists various weather stations including NOR, ZAAO, ZALV, etc.

2074

Table with 4 columns: Station ID, Name, Time, and Status. Lists various weather stations including J30M, IMAR, DAWY, etc.

IDC 30.08:33:09.0.6, 14.00N, 51.82E, h0km, mb4.3/16, mbtmp3.6/18, ML4.1/2, MS3.6/4, Error ellipse: s-maj=20.0km s-min=19.1km az=177.0, OMAN 30.08:33:14.9.0.2, 14.42N, 51.38E, h35km, 11km, mb4.4/26, m4.4/5, Error ellipse: s-maj=16.5km s-min=1.8km az=13.0, NEIC 30.08:33:15.8.2.8, 14.54N, 51.10E, h10km, 1km, mb4.6/26, Error ellipse: s-maj=22.6km s-min=16.1km az=104.0

ISC 30.08:33:12.4.0.6, 14.252N, 51.67E, h0km, n85, r:156/86, mb4.5/29, Eastern Gulf of Aden

Table with 4 columns: Code, Station Name, Time, and Status. Lists various weather stations including ABTO, ABTO, ABTO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, h, m, s, Res. Includes entries for Podgorica, Alexandroupoli, Karpathos, etc.

ADC 09:30:14.4-0.5, 54.07N-164.18W, h0km, mb4.8/37, mblmp4.8/39, ML4.4/2, MS3.7/58, Error ellipse: s-maj=13.5km s-min=9.8km az=164.0

Table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res. Includes entries for WESE, Westdahl Cape, Westdahl Beart, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res. Includes entries for OKFG Magazine Ridge, OKTU Okmok Mt. Tuli, OKW Okmok W'ng Tuli, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res. Includes entries for M17K Holitna River, M17K Holitna River, M17K Holitna River, etc.

2077

I20K	Naaghedeneel	11.92	20	Pn	Pn	09 33 06.4 -0.7
WAT1	Susitna Watana	12.04	36	Pn	Pn	09 33 07.8 -0.9
WAT6	Susitna Watana	12.17	38	Pn	Pn	09 33 09.3 -1.4
BPAW	Bear Paw Mtn.	12.19	28	Pn	Pn	09 33 09.2 -1.6
H19K	Roundabout Mou	12.24	15	Pn	Pn	09 33 11.6 +0.2
H19K	Roundabout Mou	12.24	15	Pn	Pn	09 33 11.0 -0.3
KAIM	Kayak Island	12.27	53	Pn	Pn	09 33 10.9 -0.9
KLU	Klutina	12.27	45	Pn	Pn	09 33 10.8 -1.2
G18K	Tagagawik	12.30	10	Pn	Pn	09 33 12.7 +0.5
H20K	Anotlennaga Mo	12.47	18	Pn	Pn	09 33 14.5 0.0
M24K	Tolsana, Glenn	12.49	42	Pn	Pn	09 33 13.9 -1.0
M24K	Tolsana, Glenn	12.49	42	Pn	Pn	09 33 14.0 -0.9
HMT	Hamilton	12.49	51	Pn	Pn	09 33 14.2 -0.7
MCK	McKinley	12.53	32	Pn	Pn	09 33 14.7 -0.7
BHRM	Bremner River	12.59	48	Pn	Pn	09 33 15.4 -0.9
D45	Denali Highway	12.61	37	Pn	Pn	09 33 15.7 -0.9
BWN	Browne	12.68	30	Pn	Pn	09 33 17.8 +0.4
G19K	Purcell Mouta	12.72	13	Pn	Pn	09 33 19.2 +1.1
N25K	Chitina, Valde	12.88	46	Pn	Pn	09 33 19.5 -0.8
F18K	Selawik	12.89	8	Pn	Pn	09 33 20.2 -0.1
MLY	Manley	12.99	26	Pn	Pn	09 33 22.7 +1.0
H21K	Melozitna Rive	13.02	21	Pn	Pn	09 33 20.8 -1.3
H21K	Melozitna Rive	13.02	21	Pn	Pn	09 33 23.0 +0.8
HARP	HAARP	13.05	42	Pn	Pn	09 33 21.8 -0.7
SHEM	Shemya Is, Ala	13.10	274	Pn	Pn	09 33 22.1 -1.1
SHEM	comp=N,2.4nm,0.3s,baz=116,slow=17,SNR=1.6	13.10	274	LR	LR	09 38 18.6
NEA2	Nenana	13.11	29	Pn	Pn	09 33 20.4 -2.9
NEA2	Nenana	13.11	29	Pn	Pn	09 33 21.7 -1.6
IMAR	Indian Mountai	13.12	19	Pn	Pn	09 33 21.7 -1.7
GLB	Gilahina Butte	13.14	47	Pn	Pn	09 33 22.8 -1.0
CROM	Crirque	13.16	50	Pn	Pn	09 33 23.6 -0.6
CRQE	Crirque	13.18	50	Pn	Pn	09 33 23.6 -0.9
WAX	Waxell Inlet	13.19	52	Pn	Pn	09 33 22.2 -2.2
E17K	Hoatham Ridge	13.24	4	Pn	Pn	09 33 23.9 -1.1
PAX	Paxon	13.24	39	Pn	Pn	09 33 24.2 -1.0
F19K	Shalericuk Mo	13.30	11	Pn	Pn	09 33 27.0 +1.1
I23K	Minto, Yukon-K	13.45	27	Pn	Pn	09 33 23.0 -4.0
I23K	Minto, Yukon-K	13.45	27	Pn	Pn	09 33 27.3 -0.5
MCARA	McCarthy VSAT	13.46	48	Pn	Pn	09 33 27.1 -1.0
MCARA	McCarthy VSAT	13.46	48	Pn	Pn	09 33 26.7 -1.4
MESA	MESA	13.52	54	Pn	Pn	09 33 29.3 +0.2
CCB	Clear Creek Bu	13.53	31	Pn	Pn	09 33 26.4 -2.6
H22K	Ishaltitna Cree	13.54	23	Pn	Pn	09 33 30.9 +1.8
HDA	Harding Lake	13.63	33	Pn	Pn	09 33 29.5 -0.8
K24K	Donnelly Dome	13.63	36	Pn	Pn	09 33 30.6 +0.2
E18K	Tukphalearik C	13.64	6	Pn	Pn	09 33 31.1 +0.7
G21K	Allakaket	13.64	18	Pn	Pn	09 33 30.9 +0.4
COLA	College	13.67	30	Pn	Pn	09 33 29.5 -1.5
COLA	College	13.67	30	P	Pn	09 33 32.9 +0.2
COLA	College	13.67	30	Pn	Pn	09 33 30.3 -0.6
COLA	College	13.67	30	ceP	Pn	09 33 29.6 -1.3
F20K	Avarart Lake	13.77	14	Pn	Pn	09 33 33.1 +0.9
D17K	Noatak River	13.82	2	Pn	Pn	09 33 32.9 -0.1
ILAR	Eielson Array	13.89	32	Pn	Pn	09 33 32.5 -1.5
ILAR	Eielson Array	13.89	32	Pn	Pn	09 33 31.3 -2.7
ILAR	Eielson Array	13.89	32	P	Pn	09 33 32.5 -1.5
MENT	Mentasta	13.90	41	Pn	Pn	09 33 32.6 -1.5
RIDG	Independent Ri	13.92	37	Pn	Pn	09 33 32.4 -1.9
RIDG	Independent Ri	13.92	37	Pn	Pn	09 33 34.0 -0.3
M26K	Nabesna, AK	13.92	44	Pn	Pn	09 33 33.0 -1.5
H23K	Yukon River	13.93	25	Pn	Pn	09 33 35.6 +1.2
E19K	Redstone River	13.96	11	Pn	Pn	09 33 35.4 +0.5
POKR	Poker Plat Res	13.97	30	Pn	Pn	09 33 33.7 -1.3
TABL	Table Mountain	13.98	53	Pn	Pn	09 33 35.1 -0.3
CTG	Chitna Glacier	14.06	51	Pn	Pn	09 33 35.0 -1.4
L26K	Log Cabin Wild	14.09	42	Pn	Pn	09 33 35.6 -1.1
L26K	Log Cabin Wild	14.09	42	Pn	Pn	09 33 34.7 -1.9
RDOG	Red Dog Mine	14.18	2	Pn	Pn	09 33 35.5 -2.4
F21K	Alatina River	14.28	17	Pn	Pn	09 33 38.6 -0.5
J25K	Salcha River,	14.28	34	Pn	Pn	09 33 36.2 -3.0
PINM	Pinnacle	14.31	55	Pn	Pn	09 33 38.4 -1.3
M27K	Edge Creek, AK	14.37	45	Pn	Pn	09 33 39.4 -1.1
SCRK	Sand Creek	14.37	38	Pn	Pn	09 33 37.9 -2.5
SCRK	Sand Creek	14.37	38	Pn	Pn	09 33 39.4 -1.1
H24K	Noodor Dome	14.37	28	Pn	Pn	09 33 39.4 -1.0
C16K	Lisburne Hills	14.41	358	Pn	Pn	09 33 41.5 +0.7
G23K	Banzaan Creek	14.53	23	Pn	Pn	09 33 42.8 +0.3
O28M	Mount Upton	14.53	52	Pn	Pn	09 33 42.0 -0.8
QBPM	Bancas Point	14.58	56	Pn	Pn	09 33 42.7 -0.5
PNL	Peninsula	14.63	57	P	Pn	09 33 43.8 -0.1
PNL	Peninsula	14.63	57	P	Pn	09 33 43.8 -0.1
L27K	Beaver Creek,	14.71	43	Pn	Pn	09 33 43.5 -1.4
L27K	Beaver Creek,	14.71	43	Pn	Pn	09 33 43.9 -1.0
BCAR	Beaver Creek A	14.73	43	Pn	Pn	09 33 43.7 -1.5
YUK3	Moose Creek	14.74	48	Pn	Pn	09 33 45.1 -0.4
F22K	John River	14.76	18	Pn	Pn	09 33 46.1 +0.6
BVCY	Beaver Creek	14.82	46	Pn	Pn	09 33 45.7 -0.7
J26L	Joseph Creek	14.82	36	Pn	Pn	09 33 46.2 -0.3
PRP	Porcupine Dome	14.83	31	Pn	Pn	09 33 45.9 -0.7
C18K	Utukok River	14.83	4	P	Pn	09 33 46.4 -0.1
E20K	Nigu River	14.85	11	Pn	Pn	09 33 46.7 0.0
D19K	Kuna River	14.88	9	Pn	Pn	09 33 46.8 -0.3
D19K	Kuna River	14.88	9	Pn	Pn	09 33 47.6 +0.5
YUK8	Steele Glacier	14.89	51	Pn	Pn	09 33 47.4 -0.1
COLD	Coldfoot	14.92	21	Pn	Pn	09 33 47.4 -0.1
K27K	Chicken	15.10	39	Iamb	Iamb	09 33 48.5 -1.5
K27K	comp=Z,20nm,0.8s					09 33 57.1

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G24K	Hadweenzic Riv	15.14	26	Pn	Iamb	09 33 49.5 -0.9
G24K	comp=Z,42nm,1.1s					09 33 57.9
G24K	Hadweenzic Riv	15.14	26	Pn	Pn	09 33 49.1 -1.3
G29M	Mount Kennedy	15.18	55	Iamb	Iamb	09 33 59.4
G29M	comp=Z,44nm,1.1s					09 33 50.4 -0.7
D20K	Edluk River	15.24	10	Pn	Pn	09 33 52.4 +0.6
H25L	Birch Creek	15.26	29	Pn	Pn	09 33 50.3 -1.7
E21K	Kitlik River	15.31	14	Pn	Pn	09 33 52.3 -0.5
C19K	Lookout Ridge	15.37	6	Iamb	Iamb	09 34 02.9
C19K	Lookout Ridge	15.37	6	Pn	Pn	09 33 53.2 -0.4
E22K	Anaktuvuk Pass	15.38	17	Iamb	Iamb	09 34 02.9
E22K	Anaktuvuk Pass	15.38	17	Pn	Pn	09 33 53.0 -0.8
YUK4	Talbot Arm	15.42	51	Pn	Pn	09 33 54.6 +0.3
YUK6	Outpost Mounta	15.44	53	Pn	Pn	09 33 53.9 -0.7
I26K	Cott Creek Min	15.45	34	Pn	Pn	09 33 53.9 -0.7
P29M	Windy Craggy	15.45	58	Iamb	Iamb	09 34 17.9
P29M	Windy Craggy	15.45	58	Pn	Pn	09 33 55.0 +0.4
G25K	Bearman Lake	15.55	27	Pn	Pn	09 33 53.8 -2.0
F24K	Squaw Lake	15.67	23	Pn	Pn	09 33 56.1 -1.4
F24K	Squaw Lake	15.67	23	Pn	Pn	09 33 57.2 -0.2
E23K	Chandalar	15.74	20	Pn	Pn	09 33 58.4 +0.1
E23K	Chandalar	15.74	20	Pn	Pn	09 33 57.2 -1.1
HYT	Haines Junctio	15.81	54	Pn	Iamb	09 33 59.4 0.0
HYT	comp=Z,31nm,0.7s					09 34 21.7
HYT	Haines Junctio	15.81	54	Pn	Pn	09 33 58.8 -0.6
EGAK	Eagle	15.84	38	Iamb	Jago	09 34 02.9
EGAK	comp=Z,42nm,0.8s					09 33 58.5 -1.0
M29M	Somme Creek	15.86	47	Iamb	Iamb	09 34 06.6
M29M	Somme Creek	15.86	47	Pn	Pn	09 33 59.2 -0.8
C21K	Knitladale Rid	15.87	12	Pn	Pn	09 34 00.5 +0.6
D22K	Aiyikavik River	15.91	15	Pn	Pn	09 34 01.0 +0.5
P30M	Million Dollar	15.93	56	P	P	09 34 00.5 -0.2
E24K	Your Creek	15.99	21	Pn	Pn	09 34 01.6 +0.1
S31K	Pelican	16.04	64	Pn	Pn	09 34 01.6 -0.5
PLBC	Pleasant Camp	16.11	59	Pn	Pn	09 34 03.4 +0.3
I27K	Kandik River	16.14	35	Pn	Pn	09 34 03.4 0.0
DAWY	Dawson	16.14	41	Iamb	Iamb	09 34 02.0 -1.5
DAWY	comp=Z,48nm,0.7s					09 34 08.2
DAWY	Dawson	16.14	41	Pn	Pn	09 34 03.9 +0.4
N30M	Aishikik Lake	16.17	51	Iamb	Iamb	09 34 13.7
N30M	Aishikik Lake	16.17	51	Pn	Pn	09 34 03.5 -0.3
TOLK	Too Loo Lake	16.24	19	Pn	Pn	09 34 04.8 +0.2
L29M	L29M	16.25	45	Iamb	Iamb	09 34 11.3
L29M	comp=Z,43nm,0.8s					09 34 04.0 -0.8
F25K	Christian Rive	16.28	26	Pn	Pn	09 34 03.3 -1.9
F25K	Christian Rive	16.28	26	Pn	Pn	09 34 03.8 -1.4
D23K	Nanushuk River	16.32	17	Pn	Pn	09 34 04.8 -0.8
G26K	Porcupine Rive	16.32	29	Pn	Pn	09 34 04.2 -1.4
B21K	Ikpikuk River	16.33	12	Pn	Pn	09 34 05.6 -0.1
B20K	Meade River	16.34	8	Pn	Pn	09 34 07.3 +0.3
B20K	Meade River	16.44	8	Pn	Pn	09 34 07.6 +0.5
BMAR	Burnt Mountain	16.44	27	Pn	Pn	09 34 06.8 -0.4
O30N	Mendenhall	16.48	54	Pn	Pn	09 34 08.0 +0.3
H27K	Steamboat Moun	16.55	33	Pn	Pn	09 34 07.9 -0.9
I28M	Minor Creek	16.64	37	Pn	Pn	09 34 09.4 -0.3
M30M	Minto, Yukon	16.64	48	Iamb	Iamb	09 34 15.4
M30M	Minto, Yukon	16.64	48	Pn	P	09 34 10.7 -0.8
SKAG	Skagway	16.64	59	P	P	09 34 12.1 +0.6
SKAG	Skagway	16.64	59	P	P	09 34 10.3 +0.7
E25K	Arco Village	16.70	24	Pn	Pn	09 34 09.2 -1.2
E25K	Arco Village	16.70	24	Pn	Pn	09 34 10.8 +0.4
F26K	Sheenjek River	16.75	27	Pn	Pn	09 34 10.9 -0.1
J29N	Klondike Camp	16.78	41	Iamb	Iamb	09 34 11.9 +0.5
J29N	comp=Z,54nm,0.7s					09 34 18.8
J29N	Klondike Camp	16.78	41	Pn	Pn	09 34 11.5 0.0
N31M	Braun, Yuko	16.79	52	Iamb	Iamb	09 34 21.5
N31M	Braeburn, Yuko	16.79	52	Pn	Pn	09 34 12.7 -0.5
K29M	Barlow Dome	16.79	43	Iamb	Iamb	09 34 11.5 -0.3
K29M	comp=Z,37nm,0.7s					09 34 23.4
K29M	Barlow Dome	16.79	43	Pn	P	09 34 12.7 -0.7
D24K	Happy Valley	16.82	19	Iamb	Iamb	09 34 16.6
D24K	Happy Valley	16.82	19	Pn	Pn	09 34 25.5 +0.7
G27K	Doyon Strip	16.86	31	Pn	Pn	09 34 12.3 -0.2
G27K	Doyon Strip	16.86	31	Pn	Pn	09 34 11.5 -1.0
S32K	Killinooc	16.92	66	P	Pn	09 34 13.9 +0.7
R32K	Bagcrest	16.96	63	Pn	Pn	09 34 14.0 +0.2
WHY	Juneau Island	17.04	63	P	P	09 34 18.0 +2.1
WHY	Whitehorse	17.04	55	Pn	Pn	09 34 14.8 +0.1
C23K	Kitlik River	17.10	16	Pn	Pn	09 34 15.5 -0.2
C23K	Kitlik River	17.10	16	Pn	Pn	09 34 15.9 +0.6
B22K	Teshekpuk Lake	17.15	12	Pn	Pn	09 34 15.9 -0.1
I29M	Ogilvie Camp,	17.18	38	Pn	Pn	09 34 16.0 -0.3
I29M	Ogilvie Camp,	17				

30d 9h

Table with columns for station call letters, frequency, and other details. Includes stations like HOOD, NEW, J05D, J5SD, YBHE, J08A, WVOR, etc.

2018 OCT

Table with columns for station call letters, frequency, and other details. Includes stations like H11S2, H11S3, Q24A, X18A, etc.

2078

Table with columns for station call letters, frequency, and other details. Includes stations like JUNU, LPIG, HOPEH, S39A, etc.

2079

Table with columns: ARTI, Name, comp, Z, M, S, P, T, V, W, X, Y, Z, ARTI. Rows include Nancy, Hucksburg, Vics-ho-hao-te, etc.

2018 OCT

Table with columns: ARTI, Name, comp, Z, M, S, P, T, V, W, X, Y, Z, ARTI. Rows include Arti, Makanchi Array, NORSAR Array S, etc.

30d 9h

Table with columns: Name, comp, Z, M, S, P, T, V, W, X, Y, Z, Name, comp, Z, M, S, P, T, V, W, X, Y, Z. Rows include Novokhoporsky, Storozhevo, Kashi, etc.

30d 9h

Table with columns: TUE, Stuetta, 79.81, 5, P, P, 09 42 24.1 +0.7, 09 42 25.7, 09 42 25.1 +1.6, 10 22 48.4, 09 42 24.2 +0.8, 09 42 23.6 +0.2, 09 42 24.7 +0.7, 09 42 37.2, 09 42 24.9 +1.0, 09 42 25.4 +1.1, 09 42 24.9 +0.7, 09 42 25.6 +0.8, 09 42 25.5 +1.7, 10 18 11.0, 09 42 27.4 -0.8, 09 42 27.4 -0.8, 10 07 46.6, 09 42 27.3 -0.9, 09 45 29.4, 09 52 32.1 -0.2, 09 42 29.6 +1.0, 09 42 31.4 +1.7, 09 42 35.4, 09 42 31.4 +1.7, 09 42 31.3 +1.0, 09 42 37.2, 09 45 37.5, 09 42 36.8 +0.6, 09 42 42.6 +1.9, 09 42 50.4, 09 42 41.4 +0.8, 10 25 10.4, 09 42 42.6 +1.9, 09 42 43.4, 09 42 43.2 +0.6, 09 42 48.1 +0.9, 09 42 49.3, 09 42 52.2 +1.7, 09 42 53.7, 09 42 52.0 +0.7, 09 42 53.7 +1.4, 09 42 52.9 0.0, 09 42 52.9 0.0, 09 42 53.6 +0.8, 09 42 53.6 +0.6, 10 24 22.8, 09 42 57.4 0.0, 09 43 08.9, 10 20 51.3, 09 43 16.3 -0.4, 09 43 18.1, 09 43 17.1 +0.3, 09 43 18.1, 09 43 16.9 +0.1, 09 43 17.1 +0.3, 09 43 16.9 +0.1, 09 43 17.1 +0.3, 10 26 43.0, 09 43 31.1 +0.9, 09 43 32.1 -0.3, 09 43 33.0 +0.7, 09 43 32.0 -1.6, 09 43 34.0, 10 29 00.2, 10 31 13.2, 09 43 54.5 -0.2, 09 43 54.5 -0.2, 11 52 20.0, 11 52 22.6, 11 52 28.2, 09 49 11.6 0.0, 09 49 14.4 -0.2, 09 49 46.8, 09 49 52.5 +0.4, 09 49 52.5 +0.4, 09 49 54.7 -1.7, 09 49 54.7 -1.7, 09 49 54.7 +0.6, 09 49 54.7 +0.6, 09 49 55.4 +1.0, 09 49 55.7 +0.1, 09 49 58.3 +0.5, 09 49 58.3 +0.5, 09 49 58.1 +0.6, 09 49 58.1 +0.6, 09 49 59.9 -0.9, 09 49 59.9 -0.9, 09 49 59.8 +0.9, 09 49 59.8 +0.9

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Table with columns: LPHPE, LK2D, LK2D, LSK, LSK, SRN, SRN, NEST, NEST, FNA, FNA, FNA, PUK, PUK, BCI, BCI, PDG, PDG, BARS, BARS, SELS, SELS, ZAPS, ZAPS, IVAS, IVAS, BOVS, BOVS, DIVS, DIVS, IDC 30 09:45:19.3, 1.0, 37:57N:20:54E, h0km, mb3.7/9, mbmp3.8/16, ML4 0/5, MS3.3/3, Error ellipse: s-maj=19.8km s-min=16.0km az=180.0, NEIC 30 09:45:19.8:1.4, 37:49N:0:06:20:50E:0:07:110km, 1km, mb4.2/3, Error ellipse: s-maj=10.3km s-min=9.8km az=161.0, ATH 30 09:45:21.2, 37:62N:20:45E, h10km, 3km, ML3.4/3, Error ellipse: s-maj=3.9km s-min=1.7km az=60.0, THE 30 09:45:21.5, 37:66N:20:49E, h15km, ML3.3/8, Error ellipse: s-maj=0.7km s-min=0.3km az=54.0, IDC 30 09:45:21.5:1.1, 37:84N:0:04:20:51E:0:03, h16km, 6km, n55, c094/79, mb3.7/10, MS3.5/3, Ionian Sea

2080

Table with columns: comp=E,2um,0.3s, Lefkada island, 0.99, 7, P, P, 09 45 39.9 -0.8, 09 45 54.1 +1.0, 09 45 39.8 -1.1, 09 45 54.7 +1.3, 09 45 40.4 -1.4, 09 45 40.8 -1.1, 09 45 56.0 -0.7, 09 45 41.8 -0.1, 09 45 57.0 +1.2, 09 45 41.9 -1.2, 09 45 57.8 -0.1, 09 45 42.5 -1.0, 09 45 58.1 +0.2, 09 45 43.3 -0.5, 09 48 00.6 -0.2, 09 45 43.5 -0.5, 09 46 01.0 +0.7, 09 45 54.6 +0.1, 09 45 57.5 +0.8, 09 45 58.3 -0.2, 09 46 27.0 +0.8, 09 46 07.5 +0.4, 09 46 06.9 -0.2, 09 46 12.0 -1.0, 09 46 17.2 -0.9, 09 46 23.4 -2.0, 09 46 26.4 +0.9, 09 47 14.1 -0.5, 09 46 27.0 -0.1, 09 46 36.3 +2.5, 09 47 31.6 +1.9, 09 46 32.8 -1.9, 09 46 40.8 -0.4, 09 46 44.8 -1.3, 09 47 32.0 +3.4, 09 48 25.2 -0.4, 09 48 44.2 -0.5, 09 51 11.3 -1.3, 09 49 31.4 +0.8, 09 49 45.3 +0.5, 09 50 26.2 +1.5, 09 50 35.1 +1.1, 09 50 35.9 0.0, 09 50 37.3 +0.7, 10 01 59.1, 09 51 25.7 -0.3, 09 52 34.9 +0.9, 09 52 37.9 -1.0, 09 52 55.9, 09 53 15.8 -0.5, 09 53 39.9 -0.9, 09 53 43.8 -0.4, 10 32 04.7, 10 42 21.0, 09 47 28.9 -0.3, 09 50 19.8 -0.2, 09 50 21.4 -0.2, 09 53 58.6 +1.3, 09 50 23.7 -0.5, 09 54 02.2 +1.3, 09 50 26.9 +1.0, 09 50 38.0, 09 50 40.5 -1.1, 09 50 40.5 -1.1, 09 54 28.0 +6.2, 09 50 40.6 -1.0, 09 54 23.5 +1.8, 09 56 49.1, 09 50 43.7 -2.4, 09 50 50.9, 09 50 43.7 -2.4, 09 50 56.9 -1.1, 09 54 54.9 -3.2, 09 51 14.5 -1.0, 09 51 16.9, 09 51 28.9 +0.4, 09 51 31.5 +0.2, 09 51 50.2 +0.2, 09 51 50.3 +0.2, 09 52 20.7, 09 52 20.7 +1.4, 09 52 34.8 +0.2, 10 06 05.1, 09 52 44.4 -0.6, 09 52 49.2 0.0, 09 53 03.7, 09 53 04.9 -0.1, 09 53 09.0, 09 53 04.8 -0.1

Table with columns for code, station name, frequency, power, and other technical details. Includes stations like Villa Florida, Bocaatona Ro, Peldehue, etc.

Table with columns for code, station name, frequency, power, and other technical details. Includes stations like Magazine Ridge, Okmok Mt. Tuli, Unalaska Valle, etc.

Table with columns for code, station name, frequency, power, and other technical details. Includes stations like Medeo, Karabastu, Semis' Tuman, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMSI, SANI, NLAI, LUWI, MSAL, APSI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like J19K, L19K, OHAK, E19K, M19K, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DMLN, DMLN, DMLN, DMLN, DMLN, etc.

30d 11h

ELL	Elmalı	7.74	93	Pn	Pn	11 27 06.5	-4.1
ELL	Elmalı	7.74	93	Pn	Pn	11 27 06.6	-4.0
BORA	Eskisehir	8.28	71	Pn	Pn	11 27 14.2	-3.8
VOIR		8.61	23	P	Pn	11 27 25.3	+2.8
VOIR		8.61	23	P	Pn	11 27 25.3	+2.8
ISR	Istrita	8.87	30	P	Pn	11 27 29.2	+3.2
ISR	Istrita	8.87	30	P	Pn	11 27 29.2	+3.2
MLR	Muntele Rosu	8.96	27	Pn	Pn	11 27 24.1	-3.2
MLR	Muntele Rosu	8.96	27	Pn	Pn	11 27 24.1	-3.2
KEST	Kesra	8.98	261	Pn	Pn	11 27 27.9	-2.6
KEST	Kesra	8.98	261	Pn	Pn	11 27 28.0	+0.4
KEST						11 29 07.8	-0.5
KEST						11 31 18.1	
BISR	Bisoca	9.29	29	P	Pn	11 27 34.9	+3.1
PLOS	Plostinia Array	9.52	28	P	Pn	11 27 39.1	+4.1
PLOS	Plostinia Array	9.52	28	P	Pn	11 27 38.2	+3.2
VRI	Vrnicoia	9.56	28	P	Pn	11 27 39.2	+3.7
VRI	Vrnicoia	9.56	28	P	Pn	11 27 39.0	+3.5
OBKA	Obir	9.87	336	ePn	Pn	11 27 42.7	+3.0
SOKA	Soboth	9.87	338	ePn	Pn	11 27 41.2	+1.4
TESR	Tescani	10.09	26	P	Pn	11 27 45.5	+2.8
ARSA	Arzberg	10.26	342	P	Pn	11 27 48.2	+3.1
PSZ	Piszkesteto	10.32	359	Pn	Pn	11 27 42.6	-3.4
PSZ	Piszkesteto	10.32	359	Pn	Pn	11 27 42.6	-3.3
BURAR	Bucovina Array	10.65	18	Pn	Pn	11 27 46.2	-4.3
BTRR	Keskin Array B	10.67	74	Pn	Pn	11 27 47.7	-3.1
BTRR	Keskin Array B	10.67	74	Pn	Pn	11 27 54.7	+3.5
BTRR						11 32 50.1	
BUR08	Bucovina Ar. S.	10.67	18	Pn	Pn	11 27 46.5	-4.3
TRSU	Trosnyk	10.68	10	Pn	Pn	11 27 54.0	+3.3
TRSU	Trosnyk	10.68	10	Pn	Pn	11 27 54.0	+3.3
KBA	Koelnbreinsper	10.77	334	Pn	Pn	11 27 58.0	+5.8
BERU	Beregovo	10.77	9	P	Pn	11 27 55.1	+3.1
CONA	Conrad Observa	10.82	344	P	Pn	11 27 57.2	+4.4
CSS	Mathiatis	10.86	100	P	Pn	11 27 56.8	+3.4
HOLU	Holmets	11.03	7	P	Pn	11 27 58.6	+3.0
MOA	Molin	11.15	339	P	Pn	11 28 01.7	+4.4
LESA	Schwarzeolot	11.30	333	P	Pn	11 28 03.7	+4.3
WTAA	Wattenberg	11.57	329	P	Pn	11 28 06.0	+2.9
WATA	Walderalm	11.65	329	P	Pn	11 28 07.2	+3.0
FUORN	Ofenpasz Fuorn	11.68	324	Pn	Pn	11 28 01.4	-3.2
FETA	Feichten	11.76	326	P	Pn	11 28 10.2	+4.5
MOTA	Moosalm	11.85	328	P	Pn	11 28 07.6	+0.6
DAVOX	Davos/Dischmat	11.97	323	Pn	Pn	11 28 09.5	+0.9
DAVOX						11 30 24.8	+2.8
DAVOX						11 33 27.5	
VRAC	Vranov	12.01	348	LR	LR	11 33 00.1	
TUE	Stuetta	12.02	321	Pn	Pn	11 28 06.2	-3.0
TUE	Stuetta	12.02	321	Pn	Pn	11 28 13.8	+4.6
KWP	Kalwaria Pacia	12.16	8	Pn	Pn	11 28 07.3	-3.7
KWP	Kalwaria Pacia	12.16	8	Pn	Pn	11 28 07.3	-3.7
GECZ	GERESS Array S	12.21	339	Pn	Pn	11 28 08.8	-3.0
MORC	Moravsky Berou	12.33	352	Pn	Pn	11 28 10.5	-2.9
MORC	Moravsky Berou	12.33	352	Pn	Pn	11 28 10.5	-2.9
KHC	Kaspersky Herou	12.51	339	ePn	Pn	11 28 28.6	+1.3
KHC	Kaspersky Herou	12.51	339	ePn	Pn	11 28 17.4	+1.1
SEMIN	Lac Senin/Sane	13.02	316	Pn	Pn	11 28 16.1	-1.3
MMAI	Mount Meron Ar	13.71	106	Pn	Pn	11 28 26.0	+1.0
MMAI						11 34 22.0	
GRA1	Grafenberg Arr	13.74	335	Pn	Pn	11 28 30.7	-1.8
GRA1	Grafenberg Arr	13.74	335	Pn	Pn	11 28 30.7	-1.8
GRFO	Grafenberg	13.74	335	Pn	Pn	11 28 30.9	-1.7
GRFO	Grafenberg	13.74	335	Pn	Pn	11 28 30.6	-2.4
BALJ	Balga	13.76	109	Pn	Pn	11 28 31.6	-2.1
BFO	Black Forest	13.82	325	Pn	Pn	11 28 31.6	-2.1
BFO	Black Forest	13.82	325	Pn	Pn	11 28 33.9	-3.2
SSB	Saint Sauveur	14.06	308	Pn	Pn	11 28 33.9	-3.2
SSB	Saint Sauveur	14.06	308	Pn	Pn	11 28 37.5	-2.3
ARPP	Arapog MALATY	14.30	14	P	Pn	11 28 43.3	+3.1
RNPP8	Varash	14.30	14	P	Pn	11 28 45.2	+2.9
AK14	Malin Array Si	14.48	23	P	Pn	11 28 46.7	+3.1
AK18	Malin Array Si	14.54	23	P	Pn	11 28 45.9	+2.3
AK20	Malin Array Si	14.55	23	P	Pn	11 28 44.8	+1.1
EIL	Eilat	14.55	119	Pn	Pn	11 31 09.9	-1.5
EIL						11 36 50.6	
KIEV	Kiev	14.56	23	Pn	Pn	11 28 41.6	-2.2
KIEV	Kiev	14.56	23	Pn	Pn	11 28 41.6	-2.2
AKASG	Malin Array Be	14.57	23	Pn	Pn	11 28 42.6	-1.3
AKASG						11 34 55.6	
AKASG						11 28 45.1	+1.1
AKASG						11 28 41.9	-2.1
AKB	Malin Array Si	14.57	23	Pn	Pn	11 28 41.9	-2.1
AKB	Malin Array Si	14.57	23	Pn	Pn	11 28 46.2	+2.1
AK04	Malin Array Si	14.58	23	Pn	Pn	11 28 55.9	-4.0
AK21	Malin Array Si	14.59	23	Pn	Pn	11 29 20.7	
WLF	Walferdange	15.78	324	Pn	IAMB	11 29 20.7	
WLF						11 28 55.9	-4.0
SOC	Sochi	15.92	62	eP	Pn	11 29 09.9	-0.9
SOC						11 31 58.2	
CART	Cartagena	16.86	276	IAMB	IAMB	11 29 11.8	-2.0
CART						11 29 15.2	
UCC	Uccle	17.39	324	P	Pn	11 29 17.6	-2.8
UCC	Uccle	17.39	324	P	Pn	11 29 17.6	-2.8
UCC						11 29 31.9	+2.3
NACGM	Naroch	17.87	12	eP	Pn	11 29 24.8	-1.5
SHA1	Shidzhatmaz	18.03	63j	eP	Pn	11 29 31.6	+2.6
PABE	Paberze	18.09	7	P	Pn	11 29 27.4	-1.5
PABE						11 29 30.8	
KIV	Kislovodsk	18.10	62	eP	Pn	11 29 31.9	+2.3
KIV						11 33 17.7	+2.3
KIBZ	Khabaz	18.20	63	P	Pn	11 29 29.2	-1.1
KIBZ						11 33 28.4	+2.3
KIBZ						11 33 29.8	+2.5
ONI	Oni	18.40	67	P	IAMB	11 29 30.8	-2.2
ONI						11 29 43.2	

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ONI	Oni	18.40	67	P	Pn	11 29 30.8	-2.2
ONI							
VORD	Divnogorie	19.00	39	eP	Pmax	11 29 39.7	+0.4
VORD							
ESDC	Sonsecq Array	19.04	284	P	P	11 29 40.8	+0.9
ESDC							
VSR	Storozevohy	19.09	38	eP	Pmax	11 29 40.1	-0.2
VSR							
GNI	Garni	19.21	75	P	LR	11 29 40.0	-1.9
GNI	Garni	19.21	75	LR	LR	11 37 36.9	
GNI	Garni	19.21	75D	P	Pn	11 29 44.2	+1.4
GNI							
GNI		19.21	75	P	P	11 29 43.9	+2.0
GNI		19.21	75	P	P	11 29 42.5	-0.7
GNI		19.21	75	P	P	11 29 42.5	-0.7
PAB	San Pablo	19.34	283	P	P	11 29 42.5	-0.7
PAB	San Pablo	19.34	283	P	Pmax	11 29 42.5	-0.7
PAB							
VORR	Voronezh	19.40	37	eP	Pn	11 29 47.9	+3.0
VORR							
LPSR	Galich ya Gora	19.87	35	eP	Pmax	11 29 48.6	-0.2
LPSR							
VRH	Novokhopovsk	20.39	41	eP	P	11 29 55.2	+0.7
VRH							
OBN	Obninsk	20.73	27f	P	Pn	11 30 01.3	+0.8
OBN							
OBN							
MDT	Midelt	20.86	264	LR	LR	11 38 43.6	
MDT							
YSU	Vasula	21.30	90	iP	P	11 30 06.4	+2.2
AKT	Akhty	21.49	71	eP	P	11 30 07.9	+1.3
AKT						11 30 28.3	
MOS	Moscow	21.59	27	eP	P	11 30 08.8	+1.4
MOS						11 30 16.5	
MOS							
COI	Coimbra	22.44	286	P	P	11 30 15.2	-1.4
COI	Coimbra	22.44	286	P	P	11 30 15.2	-1.4
COI							
HFS	Hagfors	22.94	352	P	P	11 30 20.6	-1.2
HFS						11 41 50.5	
HFS							
EKA	Eskdalemuir Ar	23.79	326	P	P	11 30 29.1	-1.2
EKA							
EKA							
NC602	NORSAR Array S	23.81	349	P	IAMB	11 30 28.6	-1.8
NC602						11 30 56.3	
NAOF	NORSAR Array S	24.01	349	P	P	11 30 29.7	-2.6
NAOF						11 30 33.1	-0.4
FINES	FINESS Array B	24.15	7	eP	Pmax	11 30 35.9	+2.4
FINES							
FINES							
NB201	NORSAR Array S	24.15	349	P	IAMB	11 30 31.4	-2.2
NB201						11 30 42.9	
NB2	NORSAR Array S	24.15	349	P	P	11 30 36.0	+2.4
NOA	NORSAR Array B	24.15	349	P	P	11 30 33.4	-0.2
NOA							
NOA							
BELG	Belogorye	24.16	43	eP	P	11 40 27.8	
BELG							
BELG						11 30 34.4	+0.7
DSB	Dublin	24.19	319	P	IAMB	11 30 32.2	-1.8
DSB						11 30 52.7	
NC504	NORSAR Array S	24.44	349	P	P	11 30 35.0	-1.3
NC504						11 30 51.3	-1.3
KLMR	Klimovskoe	26.25	21	eP	Pmax	11 43 00.4	
KLMR							
KIRV	Kirov	28.25	33	LR	LR	11 43 00.4	
KIRV							
TORD	Torodi Ar. Bea	29.46	219	P	P	11 31 21.9	+0.2
TORD						11 44 36.2	
TORD							
AKTO	Aktymbay	29.62	52	LR	LR	11 45 35.3	
AKTO							
AKTO							
ARTI	Arti	31.52	41	P	IAMB	11 31 37.0	-2.6
ARTI						11 31 40.9	
ARTI							
ARTI		31.52	41	LR	LR	11 46 10.9	
ARTI		31.52	41	iP	P	11 31 36.9	-2.6
ARTI						11 32 37.4	
ARTI						11 36 44.9	-2.1
ARTI							
ARCES	Arceas Array B	32.12	3	P	P	11 31 43.7	-1.0
ARCES							
ARCES							
UOSS	Minazif	33.00	102	P	IAMB	11 31 51.4	-1.5
UOSS						11 32 00.7	
BRVK	Borovoye	37.58	49	P	P	11 32 30.1	-2.0
BRVK	Borovoye	37.58	49	iP	P	11 32 33.4	+1.4
BRVK							
BVAR	Borovoye Array	37.64	49	P	P	11 32 32.2	-0.3
BVAR							
BVAR							
SIMJ	Simigani	37.99	73	P			

30d 12h

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and other parameters. Includes stations like Oglivie Camp, Dawson, Beaver Creek, etc.

2018 OCT

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and other parameters. Includes stations like Noodor Dome, MCK, M22K Willow, etc.

2086

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and other parameters. Includes stations like J19K Poorman, TTA Tatiana, N17K Nushagak Hills, etc.

NOU 30 12:11:49.0, 16:08S:176:23W, h485km, mb4.4/15, Fiji Islands Region
NEIC 30 12:12:44.1, 17.7S:0.1x:177:96W:0.10, h550km, 7km, mb4.3/81, Error ellipse: s-maj=19.5km s-min=12.2km az=157.0
IDC 30 12:12:13.6:0.9, 17:96S:177:99W, h570km, 9km, mb3.4/13, mbmp4.3/15, Error ellipse: s-maj=15.0km s-min=11.0km az=139.0
ISC 30 12:11:19.0-4.4, 17:81S:0:09-177:95W:0:07, h550km, mb4.2/53, Fiji Islands Region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FUTU Fugatoga, MSVF Nonsavu, NIJE Niue, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AMKA, KWIB, UMB, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MVSF, MSVF, WFTU, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BTAM, BVCC, SUCR, etc.

NEIC 30 12:16:50.4, 1.4, 20.4S, 0.1:177.8W, 0.2, h490km, 7km, mb4, 1/14, Error ellipse: s-maj=24.0km s-min=16.1km az=115.0

IDC 30 12:23:57.9, 1.7, 2.23S, 0.06:78.70W, 0:08, h92km, 7km, mb2, 3/5, Error ellipse: s-maj=11.8km s-min=8.9km

IDC 30 12:23:59.0, 4.2, 2.22S, 78.63W, h110km, 35km, mb3, 5/8, mbmp4, 0/10, MS3, 0/1, Error ellipse: s-maj=102.6km s-min=16.1km az=67.0

30d 12h

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like SNAE, F25K, SUIA, E25K, NEA2, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like UCR 30, CATAC 30, SNET 30, etc.

2018 OCT

Main table for 2018 OCT with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like ACON, CRIN, CRIN, etc.

HEL 30 12:31:23.7±0.1, 63.96N±28.11E, hOkm, ML1.7, Suspected explosion

IDC 30 12:31:24.0±1.6, 63.95N±27.74E, hOkm, mbtmp 9.2/2, ML1.9/2, Error ellipse: s-maj=39.7km s-min=7.8km

ISC 30 12:31:21.6±0.8, 63.94N±0.02±28.17E±0.03, hOkm, m30, az=96.0

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like HEL 30, IDC 30, ISC 30, etc.

2088

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like OLKF, RUF, RUF, etc.

AFAD 30 12:48:56.0±0.0, 37.10N±20.20E, h23km, 69km, MW4.7

MOS 30 12:49:01.5±1.6, 37.53N±20.45E, h10km, mb4.8/22, MS4.1/8, Error ellipse: s-maj=6.3km s-min=3.2km az=72.3

BEO 30 12:49:01.4±0.7, 37.18N±20.62E, h17km, 8km, ML4.8/11

IDC 30 12:49:01.0±0.6, 37.51N±20.70E, hOkm, mb4.2/20, mbtmp4.2/31, ML3.8/8, MS4.0/57, Error ellipse: s-maj=13.9km s-min=11.3km az=161.0

NAO 30 12:49:02.9, 37.40N±20.40E, h10km, mb4.9

NEIC 30 12:49:03.9, 37.65N±20.53E, h10km

NEIC 30 12:49:03.9±1.8, 37.65N±20.53E±0.06, h10km, 1km, mb4.7/56, MW4.7/14, Error ellipse: s-maj=10.3km s-min=6.7km az=321.0

MED_RC 30 12:49:05.0±0.4, 37.53N±20.45E, h10km, MW4.7/16, Manual Solution by Ldede This location: 2020/07/03

PDG 30 12:49:05.1±1.2, 37.60N±20.48E, h2km, 11km, ML4.7/13, Error ellipse: s-maj=2.0km s-min=3.6km az=0.0

MCSM 30 12:49:05.6±0.4, 38.1N±3.2°0E±, h14km, 2km, mb4.7, MB5.2, MLV4.7, Mw(mb)4.5

TIR 30 12:49:07.5, 37.80N±20.16E, h23km, 2km, M4.8

BGR 30 12:49:14.2±1.0, 38.18N±21.03E, h10km, mb5.0, Error ellipse: s-maj=78.9km s-min=26.7km az=65.0

ISC 30 12:49:04.3±0.7, 37.51N±0.02±20.43E±0.02, h17km, 4km, M5.7, az=99.5/70, mb4.6/56, MS4.1/54, Z22-25D, lonian

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like KRII, LTHK, LTHK, etc.

2089

Table with columns: ITHM, ITHOMI, 1.23 105 P, Pb, 12.49 27.4 +0.2, PDG Podgorica, 5.00 350 Pn, 12.50 17.8 -0.8, OBKA Obir, 10.00 336 ePn, Pn, 12.51 29.0 -1.7

2018 OCT

Table with columns: PDG Podgorica, 5.00 350 Pn, 12.50 17.8 -0.8, OBKA Obir, 10.00 336 ePn, Pn, 12.51 29.0 -1.7

30d 12h

Table with columns: OBKA Obir, 10.00 336 ePn, Pn, 12.51 29.0 -1.7, OBKA Obir, 10.00 336 ePn, Pn, 12.51 29.0 -1.7

30d 12h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ARPR, RNP88, MI28, EIL, ECH, AK13, etc.

2018 OCT

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like OBN, MDT, PBRG, MAK, MTSE, etc.

2090

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BVAR, SIMJ, CHGR, KKAR, etc.

Table with columns: Code, Station Name, Az, Op, Phase, H, Time, Res, ISC. Includes stations like MA2 Magadan, H29M Redstone River, SS4A Dingess, etc.

BUI 30 12:52:38.7, 4°00'S, 151°88'E, h209km, mb4.3/23, mBS, 0/6
NEIC 30 12:52:39.6, 1.7, 4.26S, 0.08, 152.10E, 0.08, h179km, 5km,
mb5.0/47, Error ellipse: s-maj=12.2km s-min=11.3km
az=214.0

IDC 30 12:52:40.1, 1.6, 4.36S, 152°15'E, h201km, 15km, mb3.7/14,
mbmp4.2/16, MS3.2/1, Error ellipse: s-maj=18.7km
s-min=9.5km az=118.0

DJA 30 12:52:44.1, 2.4, 4°S, 11°15'2"E, 1°9', h208km, 12km,
M4.8/22, mb4.9/22, mBS2.7/7, MLV5.0/1, Mw(mb)4.6/7
ISC 30 12:52:40.5, 0.6, 4.29S, 105°15.2'E, 0.05, h193km, 6km,
n180, 1°15'418, mb4.8/49, New Britain region

Table with columns: Code, Station Name, Az, Op, Phase, H, Time, Res, ISC. Includes stations like RABL Rabaul, BULU Kimbe, MANU Manus Island, etc.

Table with columns: KNRA, IAmB, IAmB, 12:57 54.6, etc. Includes stations like INKA Innaminka, ARMA Armidale, SANI Sanana, etc.

Table with columns: GTA, pmax, pmax, 12:57 54.6, etc. Includes stations like SHL Shilling, SONM Songoing Array, WMO Urumqi, etc.

NOU 30 13:06:16.1, 15°15'S, 167.70E, h112km, ML4.0/11,
Vanuatu Islands, Vanuatu Islands
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 VLAKA Lakatoro, DVP Devils Point, LUES Luesalemba Tem, etc.

30d 13h

Table with columns: Code, Station Name, Az, P, Sg, Pg, and values for various stations like GUR, ANX, KALE, etc.

AEIC 30 13:14:21.6±2.7, 68°57'N, 0°01:147°25'W, 0.04, h14km±1km, ML3.5, ML3.6/146(NEIC), Error ellipse: s-maj=2.2km s-min=1.8km az=120.0

NEIC 30 13:14:22.1±3.0, 68°57'N, 0°01:147°29'W, 0.04, h10km±1km, Error ellipse: s-maj=2.6km s-min=2.1km az=294.0

IDC 30 13:14:22.9±0.7, 68°57'N, 0°01:147°45'W, h0km, mb3.8/10, mbtmp3.8/15, ML3.6/5, MS3.0/2, Error ellipse: s-maj=25.2km s-min=12.6km az=51.0

Table with columns: Code, Station Name, Az, P, Sg, Pg, and values for stations like E24K, E25K, D25K, etc.

2018 OCT

Main table for 2018 OCT with columns: Code, Station Name, Az, P, Sg, Pg, and values for stations like E23K, F24K, F24K, etc.

2092

Main table for 2092 with columns: Code, Station Name, Az, P, Sg, Pg, and values for stations like E20K, E20K, D20K, etc.

30d 13h

Table with columns: ID, Name, Date, Time, Status, Location, and Value. Includes entries like L18K Granite Mounta, M18K Stony River, OHAK Old Harbor, etc.

2018 OCT

Table with columns: ID, Name, Date, Time, Status, Location, and Value. Includes entries like H21K Melozitna Rive, B18K Kokolik River, PWL Port Wells, etc.

2094

Table with columns: ID, Name, Date, Time, Status, Location, and Value. Includes entries like E24K Your Creek, A22K Sinclair Lake, SCRK Sand Creek, etc.

2095

N31M	Braburn, Yuko	25.04	52	I	Amb	I	Amb	13 23 25.3
N31M	Braburn, Yuko	25.04	52	P				13 23 08.3 +2.1
J30M	Hart River	25.04	44	A	Amb	I	Amb	13 23 11.0
J30M	Hart River	25.04	44	P				13 23 07.5 +1.1
I30M	Mount Dempster	25.12	43	I	Amb	I	Amb	13 23 08.3
I30M	Mount Dempster	25.12	43	P				13 23 07.5 +0.5
E9YK	Eagle Pier	25.20	40	P				13 23 08.1 +0.4
E29M	Blow River	25.30	35	I	Amb	I	Amb	13 23 10.8
E29M	Blow River	25.30	35	P				13 23 09.4 +1.0
SKAG	Skagway	25.31	56	P				13 23 09.0 +0.4
D28M	Stokes Point	25.32	33	P				13 23 10.0 +1.4
WHY	Whitehorse	25.48	54	A	Amb	I	Amb	13 23 18.6
WHY	Whitehorse	25.48	54	P				13 23 10.9 +0.6
G30M	Itoah Zraii Nji	25.54	39	P				13 23 11.3 +0.7
SIT	Sitka	25.57	62	P				13 23 11.3 +0.4
M31M	Drury Creek, Y	25.71	50	I	Amb	I	Amb	13 23 18.5
M31M	Drury Creek, Y	25.71	50	P				13 23 13.2 +0.9
R32K	Eaglecrest	25.83	59	P				13 23 14.1 +0.8
F30M	Barrier River	25.85	37	P				13 23 14.8 +1.4
S32K	Killsnoo	25.91	61	P				13 23 15.0 +1.1
H13M	Peel River	26.05	42	I	Amb	I	Amb	13 23 16.7
H13M	Peel River	26.05	42	P				13 23 16.0 +0.7
P32M	Atlin	26.12	56	I	Amb	I	Amb	13 23 18.5
P32M	Atlin	26.12	56	P				13 23 16.9 +1.0
FARO	Faro, Yukon	26.20	50	I	Amb	I	Amb	13 23 17.3 +0.7
FARO	Faro, Yukon	26.20	50	P				13 23 17.3 +0.7
G31M	Satah River	26.27	39	P				13 23 17.4 +0.3
G31M	Satah River	26.27	39	P				13 23 18.9
G31M	Satah River	26.27	39	P				13 23 17.8 +0.6
N32M	Quiet Lake	26.34	52	P				13 23 19.2 +1.3
P33M	Teslin, Yukon	26.52	54	I	Amb	I	Amb	13 23 22.2
P33M	Teslin, Yukon	26.52	54	P				13 23 20.8 +1.0
F31M	Tsigitcheh	26.58	38	I	Amb	I	Amb	13 23 21.6
F31M	Tsigitcheh	26.58	38	P				13 23 20.5 +0.6
INK	Inuvik	26.84	36	I	Amb	I	Amb	13 23 29.2
INK	Inuvik	26.84	36	P				13 23 22.7 +0.5
T33K	Petersburg	26.89	62	P				13 23 22.8 +0.1
Q32M	Nakina River	26.92	57	I	Amb	I	Amb	13 23 26.4
Q32M	Nakina River	26.92	57	P				13 23 24.6 +1.3
WRAK	Wrangell Isian	27.29	63	P				13 23 27.6 +1.2
R33M	Jennings River	27.53	56	I	Amb	I	Amb	13 23 31.6
R33M	Jennings River	27.53	56	P				13 23 29.9 +1.3
S34M	Telegraph Cree	27.66	59	I	Amb	I	Amb	13 23 32.6
S34M	Telegraph Cree	27.66	59	P				13 23 31.2 +1.5
V35K	Ketchikan	27.94	65	P				13 23 33.4 +1.3
DLBC	Dease Lake	28.15	58	I	Amb	I	Amb	13 23 37.2
DLBC	Dease Lake	28.15	58	P				13 23 36.3 +2.3
DLBC	Dease Lake	28.15	58	P				13 23 35.4 +1.3
T35M	Bob Quinn	28.31	61	I	Amb	I	Amb	13 23 38.8
T35M	Bob Quinn	28.31	61	P				13 23 37.2 +1.8
WTLY	Watson Lake, Y	28.53	54	I	Amb	I	Amb	13 23 39.9
WTLY	Watson Lake, Y	28.53	54	P				13 23 38.2 +0.9
TGNT	Hyland Airport	28.63	51	P				13 23 39.4 +1.1
LIRD	Liard River Hi	29.99	55	P				13 23 51.7 +1.6
A36M	Sachs Harbour	30.36	30	P				13 23 54.9 +1.7
C36M	Paulatuk	30.39	35	I	Amb	I	Amb	13 23 55.5
C36M	Paulatuk	30.39	35	P				13 23 54.6 +1.1
KLR	Kul'dur	30.46	284	eP				13 23 53.8 -0.6
TOAD	Toad River Com	30.54	56	P				13 23 56.2 +1.2
WRGLY	Wrigley	30.70	47	I	Amb	I	Amb	13 23 59.0
WRGLY	Wrigley	30.70	47	P				13 23 57.3 +1.1
KOTAN	Kotaneleele Arr	30.87	53	P				13 23 59.0 +1.1
JMM	Marumori	31.11	258	P				13 24 00.8 +0.7
USRK	Ussuriysk Arr	32.72	275	P				13 24 14.1 0.0
USRK	Ussuriysk Arr	32.72	275	P				13 25 02.8 +0.8
MAJO	Matsushiro	33.53	259	P				13 24 22.1 +0.9
MAJO	Matsushiro	33.53	259	P				13 24 22.3 +1.1
MAJO	Matsushiro	33.53	259	P				13 24 22.1 +0.9
MAJO	Matsushiro	33.53	259	P				13 24 22.2 +0.9
MAJO	Matsushiro Arr	33.53	259	P				13 24 22.0 +0.8
MJB9	Matsu-Tunnel	33.53	259	P				13 24 22.8 +1.6
MJB9	Matsu-Tunnel	33.53	259	P				13 24 24.1
H11N2	WAKE ISLAND Hy	34.34	203	T				14 02 07.3
H11N3	WAKE ISLAND Hy	34.35	203	T				14 01 56.3
H11N1	WAKE ISLAND Hy	34.36	203	T				14 02 14.3
JGK	Kuroka	34.67	258	P				13 24 32.5 +1.5
YKA	Yellowknife Arr	34.82	47	P				13 24 31.8 -0.2
YKA	Yellowknife Arr	34.82	47	P				13 24 32.3 +0.3
YKA	Yellowknife Arr	34.82	47	P				13 25 02.0 +1.7
YKA	Yellowknife Arr	34.82	47	P				13 23 18.9 -1.4
LLBL	Lillooet	35.09	69	I	Amb	I	Amb	13 24 36.8
H11S1	WAKE ISLAND Hy	35.56	203	T				14 02 20.7
H11S2	WAKE ISLAND Hy	35.58	203	T				14 02 21.7

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H11S3	WAKE ISLAND Hy	35.58	203	T				14 02 21.8
GNW	Green Mountain	35.96	75	I	Amb	I	Amb	13 24 44.3
B08A	Colville Reser	37.61	71	I	Amb	I	Amb	13 24 57.5
HOOD	Mount Hood Mea	37.81	77	I	Amb	I	Amb	13 25 00.3
HAWA	Hanford	38.50	74	I	Amb	I	Amb	13 25 05.0
C09A	Chrisman Ranch	38.51	72	I	Amb	I	Amb	13 25 04.5
D08A	Wollman Farm	38.51	73	I	Amb	I	Amb	13 25 04.6
HUMO	Hull Mountain	38.53	82	P				13 25 05.0 +1.6
F07A	Phinny Hill	38.53	75	I	Amb	I	Amb	13 25 05.4
I05D	Terrebonne, OR	38.53	78	I	Amb	I	Amb	13 25 05.7
E08A	Dider Farm, EI	38.73	74	I	Amb	I	Amb	13 25 06.6
NEW	Newport	38.94	70	I	Amb	I	Amb	13 25 08.6
NEW	Newport	38.94	70	P				13 25 07.1 +0.4
RES	Resolute Bay	38.95	25	I	Amb	I	Amb	13 25 08.6
RES	Resolute Bay	38.95	25	P				13 25 07.3 +0.9
J05D	Fort Rock, OR	39.18	80	I	Amb	I	Amb	13 25 11.9
KSRS	Korea Array	39.18	269	P				13 25 10.1 +1.2
KSRS	Korea Array	39.18	269	P				13 25 58.3 -0.4
YBH	Yreka Blue Hor	39.18	83	P				13 25 11.2 +2.3
YBH	Yreka Blue Hor	39.18	83	P				13 25 59.5 +1.2
KSAR	Wonju Array Be	39.22	269	P				13 25 09.1 0.0
KSAR	Wonju Array Be	39.22	269	P				13 25 09.1 0.0
KMRM	KMRM Mail Ridge	39.48	85	P				13 25 12.7 +1.4
KMRM	KMRM Mail Ridge	39.48	85	P				13 25 15.1
O02D	Mt. Diablo Mer	40.06	85	I	Amb	I	Amb	13 25 19.6
JTU	Tsushima	40.21	264	P				13 25 19.4 +2.1
TJN	Taejon	40.22	268	P				13 25 18.0 +0.6
TJN	Taejon	40.22	268	P				13 25 18.0 +0.6
JUNU	Nakatsue	40.27	261	P				13 25 19.1 +1.3
HATC	Hat Creek Radi	40.48	83	P				13 25 20.7 +1.1
HATC	Hat Creek Radi	40.48	83	P				13 25 22.6
BMO	Blue Mountains	40.65	75	P				13 25 21.2 +0.3
BMO	Blue Mountains	40.65	75	P				13 25 21.2 +0.3
ORV	Oroville	41.23	84	I	Amb	I	Amb	13 25 27.5
MSO	Missoula	41.53	71	I	Amb	I	Amb	13 25 29.1
ALE	Aler	41.63	10	P				13 25 29.3 +1.0
PAHR	Pal Rah Range	42.42	83	I	Amb	I	Amb	13 25 37.8
PNTR	Pine Nut	42.67	84	I	Amb	I	Amb	13 25 40.3
YERR	Yerlington	42.95	83	I	Amb	I	Amb	13 25 42.3
WAKR	Walker	43.14	84	I	Amb	I	Amb	13 25 44.1
NRIK	Noril'sk	43.24	329	P				13 25 41.3 0.0
BOZ	Bozeman (W)	43.55	71	I	Amb	I	Amb	13 25 45.4
NVAR	Mina Array Bea	43.87	83	P				13 25 47.3 +0.2
NVAR	Mina Array Bea	43.87	83	P				13 25 48.5 +1.4
NVAR	Mina Array Bea	43.87	83	P				13 27 29.1 +0.6
NVAR	Mina Array Bea	43.87	83	P				13 30 55.6 -0.5
FFC	Flin Flon	43.88	55	P				13 25 46.6 0.0
FFC	Flin Flon	43.88	55	P				13 25 46.6 0.0
FFC	Flin Flon	43.88	55	P				13 25 46.8 +0.1
YHL	Hebgen Lake	44.23	71	I	Amb	I	Amb	13 25 51.2
ELK	Elko	44.28	79	P				13 25 51.4 +1.1
ELK	Elko	44.28	79	P				13 25 51.9
YHB	Horse Butte	44.28	72	I	Amb	I	Amb	13 25 51.9
YMR	Madison River	44.47	71	I	Amb	I	Amb	13 25 53.0
H17A	Grant Village	44.85	72	I	Amb	I	Amb	13 25 57.4
RLMT	Red Lodge	45.18	70	I	Amb	I	Amb	13 25 59.4
ULN	Ulanbaatar	45.38	295	eP				13 25 58.9 +0.2
ULN	Ulanbaatar	45.38	295	eP				13 26 00.5 +0.1
R11B	Troy Canyon, C	45.57	82	P				13 26 01.5 -0.1
S0NM	Sango Array	45.76	295	P				13 31 02.0 -1.6
S0NM	Sango Array	45.76	295	P				13 31 02.0 -1.6
S11A								

30d 13h

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, h, m, s, Res. Includes entries like BGD Lake Jascesee, HFS Hagfors, KMSC Kings Mountain, etc.

NEIC 30 13:31:50.4z 1.2, 14.795S:01:10:177.6W:0.1, h369km, 4km, mb4.6/9, Error ellipse: s-maj=16.8km s-min=11.1km az=134.0

NOU 30 13:31:51.5, 15:09S:177.54W, h369km, MLV3.9/11, Fiji Islands Region

IDC 30 13:31:53.0z 1.3, 15:03S:177.74W, h398km, 12km, mb3.5/14, mbtmp4.3/15, Error ellipse: s-maj=18.7km s-min=10.4km az=151.0

ISC 30 13:31:50.4z 0.4, 14.97S:01:07:177.65W:0.07, h372km, n113, o1502/117, mb4.3/49, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, h, m, s, Res. Includes entries like FUTU Fugatoga, TAVE Taveuni, etc.

2018 OCT

Main table with columns: Code, Station Name, Az, El, Op, Phase, ISC, h, m, s, Res. Includes entries like BBOO Buckleboo, WRO Warramunga Arr, WB0 Warramunga Arr, etc.

2096

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, h, m, s, Res. Includes entries like G31M Satah River, G31M Tsigeitchik, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MAKZ, NRIK, KURK, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NOA, BR13, RAYN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like KRII, LTHK, PSDA, etc.

30d 14h

Table with columns for station name, frequency, and other parameters. Includes stations like IVAS Ivanjica, BOVS Bovan, GRUZ Gruga, etc.

2018 OCT

Table with columns for station name, frequency, and other parameters. Includes stations like AKKB Malin Array Si, ANN Annap, CLL Collin, etc.

2098

Table with columns for station name, frequency, and other parameters. Includes stations like ARCES, ARCESS Array B, FURI, etc.

Code Station Name Az El Phase ID Time Res
ARCCESS Array B 32.27 3 P P 14 39 42.0 -0.9
ARCCESS Array B 32.87 145 LR LR 14 53 50.8

ASAR Alice Springs 24.84 161 P P 14 46 19.6 +0.6
MKAR Makanchi Array 60.00 327 P P 14 51 03.1 -0.1

GII 30 14:46:26.6:0.3,34.78N:0.02:33.037E:0.007,h56km,
MWS2.6,confirmed
NIC 30 14:46:27.8:34.73N:33.04E,h54km,1km,ML2/9.0

Code Station Name Az Az' Phase ID Time Res
APOL The Sanctuary 0.15 234 I P S Pn 14 46 36.5 +0.1

ASGA Asgata 0.20 82 I P S Pn 14 46 36.6 -0.1
ASGA 5.2nm,0.1s AML AML 14 46 44.6

TROD Troodos 0.22 328 I P S Pn 14 46 36.9 -0.2
TROD 5.1nm,0.3s AML AML 14 46 46.7

CSS Mathiatis 0.34 52 P G Pn 14 46 37.3 -0.4
CSS 3.0nm,0.3s AML AML 14 46 43.5 -1.5

NATA Nata 0.36 273 P S Pn 14 46 38.3 +0.4
NATA 4.6nm,0.2s AML AML 14 46 49.5

LEF Lefka 0.37 345 P G Pn 14 46 37.3 -0.7
LEF 2.8nm,0.7s AML AML 14 46 48.8 +0.2

ALFC Alefka 0.52 320 I P S Pn 14 46 38.9 -0.7
ALFC 2.6nm,0.2s AML AML 14 46 50.5

MVOU Mavrovouni 0.57 63 I P S Pn 14 46 40.2 0.0
MVOU 2.0nm,0.3s AML AML 14 46 53.3

AKMS Akamas 0.61 295 I P S Pn 14 46 40.3 -0.4
AKMS 1.3nm,0.3s AML AML 14 46 51.3 +1.3

PARAL Paralimni 0.88 74 P S Pn 14 46 44.5 +0.5
PARAL 0.5nm,0.7s AML AML 14 47 10.3

EREN Erenkoy 1.23 51 P G Pn 14 46 49.7 +1.2
EREN 1.39 4 P G Pn 14 46 50.3 -1.0

YORU Yoruके-Mersin 1.43 13 P G Pn 14 46 51.2 -0.6
AKKI Akkuyu-Mersin 1.45 17 P G Pn 14 46 51.5 -0.5

AREN Orenkoy-Mersin 1.49 14 P G Pn 14 46 51.1 -1.0
TISA Tisan-Mersin 1.50 21 P G Pn 14 46 51.7 -0.6

IKL Isikil 1.58 20 Pn Pn 14 46 53.0 -0.3
BERE Beretik-Mersin 1.60 6 Pn Pn 14 46 53.3 -0.4

TEVE Tevakilli-Mers 1.71 12 Pn Pn 14 46 55.5 +0.4
SILJ Silifke-Mersin 1.77 25 Pn Pn 14 46 56.5 +0.4

KEBE Keben-Mersin 1.78 19 Pn Pn 14 46 56.4 +0.3
KIZK Mersin 1.95 28 Pn Pn 14 46 58.7 +0.3

KIZK Mersin 1.95 28 Pn Pn 14 46 58.7 +0.3
HDMI Hadim 2.24 349 Pn Pn 14 47 05.9 +0.8

MERS Mersin 2.24 30 Pn Pn 14 47 05.9 +0.8
HNTI Hanita 2.46 132 P S Pn 14 47 06.1 +0.8

HNTI Hanita 2.46 132 P S Pn 14 47 06.1 +0.8
KBKE Karaman, Kazim 2.46 359 P S Pn 14 47 06.1 +0.8

HWQ Hawqa 2.47 100 P Pn 14 47 05.7 +0.1
ZAHZ Zahle 2.54 110 P Pn 14 47 06.5 -0.1

FETY Fethiye 3.70 302 P S Pn 14 47 22.0 -0.3
DSY Dead Sea 3.75 147 P S Pn 14 47 23.3 +0.3

NEIC 30 14:55:22.7:0.7,37.48N:0.02:99.80W:0.04,h5km,2km,
mb_L2g.8/61,ML3.6/6,Error ellipse: s-maj=5.0km,
s-min=3.0km az=267.0,Kansas

Code Station Name Az Az' Phase ID Time Res
NOKA Waynoka 1.09 140 Op Pn 14 55 56.9 -0.8

R32A Long Quarter, 1.28 42 P G Pn 14 55 45.3 -1.9
R32A 1.5nm,0.2s IAML IAML 14 56 01.3

OK038 West end E0370 1.31 39 Pn Pn 14 55 45.9 -1.7
CBK5 Cedar Bluff 1.33 2 Pn Pn 14 55 46.5 -1.5

RTBA Rita Blanca 2.57 247 Pn Pn 14 56 05.0 -0.1
WMOK Wichita Mounta 2.86 63 I Amb_Lg 14 57 00.8

AMTX Amarillo 3.00 211 I Amb_Lg 14 57 02.7
TUL3 Leonard 3.58 115 I Amb_Lg 14 57 17.1

LOOK Love County 4.08 148 I Amb_Lg 14 57 40.1
APMT Aspermont 4.15 184 I Amb_Lg 14 57 39.9

ABTX Abilene, Hawke 4.84 178 I Amb_Lg 14 57 56.9
S39A Bolivar 5.15 86 I Amb_Lg 14 58 05.9

PG3V Dawn 5.36 65 I Amb_Lg 14 58 14.3
SBCV Sterling City 5.66 192 I Amb_Lg 14 58 36.6

WHAR Woolly Hollow 6.44 108 I Amb_Lg 14 58 50.5
WHAR Woolly Hollow 6.44 108 I Amb_Lg 14 58 50.5

SOME 30 14:58:52.8:50.58N:85.02E,h0km
ASRS 30 14:58:52.3:0.2,51.1N:78.7E,h10km,MLh3.1/5,Error
ellipse: s-maj=3.9km s-min=2.4km az=53.0,confirmed

Code Station Name Az Az' Phase ID Time Res
CHBI Chibit, Altay 0.32 161 Op Pn 14 58 59.9 +0.3

AKAR Aktash 0.35 149 P G Pn 14 59 04.0 +0.4
ULGR Ulagan, Altay 0.39 89 P G Pn 14 59 01.0 +0.2

CHBI Chibit, Altay 0.32 161 Op Pn 14 58 59.9 +0.3
AKAR Aktash 0.35 149 P G Pn 14 59 04.0 +0.4

ULGR Ulagan, Altay 0.39 89 P G Pn 14 59 01.0 +0.2
ULGR 663um,0.6s S Pn 14 59 05.4 +0.3

SEM Semipalatinsk 4.53 270 eP Pn 15 00 31.1 -2.4
MK31 Makanchi Array 5.08 223 I Pn 15 00 13.1 +3.8

MAK2 Makanchi 5.21 225 I Pn 15 00 15.6 +2.0
MAK2 0.9nm,0.5s I Pn 15 01 13.4 +2.0

MAK2 Makanchi 5.21 225 I Pn 15 00 15.6 +2.0
MAK2 0.9nm,0.5s I Pn 15 01 13.4 +2.0

KURK Kurchatov 5.55 274 I Pn Pb 15 00 27.1 -2.5
KURK 1.3nm,0.5s I Pn Pb 15 01 22.0 +2.3

KURK Kurchatov Arra 5.61 273 I Pn Sg 15 01 22.8 +1.6
KURBB Kurchatov 1.9m,0.7s I Pn Sg 15 01 46.7

ISN 30 15:04:07.9:1.9,34.81N:45.89E,h8km,ML2.6
TEH 30 15:04:07.9:34.82N:45.98E,h8km,48km,ML2.6
ISC 30 15:04:06.8:1.0,34.85N:0.05:45.9E:0.04,h10km,n13,
e047/14,Iran-Iraq border region

Code Station Name Az Az' Phase ID Time Res
IDHR Gharash 0.40 112 P G Pn 15 04 14.9 +0.1

IBZA Bozab 1.63 103 P G Pn 15 04 53.0 -0.1
MAHB Mahabad 1.92 354 Pn Pb 15 04 44.3 +0.7

TJR 30 15:11:54.3:37.19N:20.10E,h20km,1km,ML7.2
BUJ 30 15:11:58.1,37.67N:20.64E,h11km,mB5,4/8,mB5,8/74,
M55,9/87,M57,5,8/84

NAO 30 15:11:59.2,37.77N:23.04E,h10km,mb.0
NEIC 30 15:12:00.4,37.51N:20.51E,h14km, Moment Tensor
Solution. Duration: 37 Moment tensor: Scale 1017Nm;

RTBA Rita Blanca 2.57 247 Pn Pn 14 56 05.0 -0.1
WMOK Wichita Mounta 2.86 63 I Amb_Lg 14 57 00.8

AMTX Amarillo 3.00 211 I Amb_Lg 14 57 02.7
TUL3 Leonard 3.58 115 I Amb_Lg 14 57 17.1

LOOK Love County 4.08 148 I Amb_Lg 14 57 40.1
APMT Aspermont 4.15 184 I Amb_Lg 14 57 39.9

ABTX Abilene, Hawke 4.84 178 I Amb_Lg 14 57 56.9
S39A Bolivar 5.15 86 I Amb_Lg 14 58 05.9

PG3V Dawn 5.36 65 I Amb_Lg 14 58 14.3
SBCV Sterling City 5.66 192 I Amb_Lg 14 58 36.6

WHAR Woolly Hollow 6.44 108 I Amb_Lg 14 58 50.5
WHAR Woolly Hollow 6.44 108 I Amb_Lg 14 58 50.5

SOME 30 14:58:52.8:50.58N:85.02E,h0km
ASRS 30 14:58:52.3:0.2,51.1N:78.7E,h10km,MLh3.1/5,Error
ellipse: s-maj=3.9km s-min=2.4km az=53.0,confirmed

Code Station Name Az Az' Phase ID Time Res
CHBI Chibit, Altay 0.32 161 Op Pn 14 58 59.9 +0.3

AKAR Aktash 0.35 149 P G Pn 14 59 04.0 +0.4
ULGR Ulagan, Altay 0.39 89 P G Pn 14 59 01.0 +0.2

CHBI Chibit, Altay 0.32 161 Op Pn 14 58 59.9 +0.3
AKAR Aktash 0.35 149 P G Pn 14 59 04.0 +0.4

ULGR Ulagan, Altay 0.39 89 P G Pn 14 59 01.0 +0.2
ULGR 663um,0.6s S Pn 14 59 05.4 +0.3

SEM Semipalatinsk 4.53 270 eP Pn 15 00 31.1 -2.4
MK31 Makanchi Array 5.08 223 I Pn 15 00 13.1 +3.8

MAK2 Makanchi 5.21 225 I Pn 15 00 15.6 +2.0
MAK2 0.9nm,0.5s I Pn 15 01 13.4 +2.0

MAK2 Makanchi 5.21 225 I Pn 15 00 15.6 +2.0
MAK2 0.9nm,0.5s I Pn 15 01 13.4 +2.0

MAK2 Makanchi 5.21 225 I Pn 15 00 15.6 +2.0
MAK2 0.9nm,0.5s I Pn 15 01 13.4 +2.0

Table with columns: Station Name, Frequency, Power, Modulation, Bandwidth, and other parameters. Includes stations like RLS, Fiskardo, Drossia, etc.

Table with columns: Station Name, Frequency, Power, Modulation, Bandwidth, and other parameters. Includes stations like FNA, FNA, FNA, etc.

Table with columns: Station Name, Frequency, Power, Modulation, Bandwidth, and other parameters. Includes stations like TRUS, SVIS, ELND, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ANTO Ankara, ARCA ALCALIA, and various other frequencies.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VRAC Vranov, VRAC Vranov, and various other frequencies.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HSKC Hora Svate Kat, ABA Alger-Bouzarea, and various other frequencies.

30d 15h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Scoresbysund, Sabata, BBTs, BTLS, etc.

2018 OCT

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TDK, SRNI, ZHN, SATY, etc.

2104

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NRDN, UPNV, KAD, AKL, etc.

30d 15h

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like B21K Ipkikup River, E28M Babbage River, F31M Tsighehtich, etc.

2018 OCT

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like F26K Sheenjek River, E23K Chandalar, F25K Christian River, etc.

2106

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like FYU Fort Yukon, G24K Hadweencriv, F19K Shalercukio Mo, etc.

Table with columns for ID, Name, Date, Time, Location, and various performance metrics. Includes entries like NJ2 Nanjing, H19K Roundabout Mo, and PAULI Pauline.

Table with columns for ID, Name, Date, Time, Location, and various performance metrics. Includes entries like JFW5 Jewell Farm, GUA01 Guaratinga, BA, and M27K Edge Creek, AK.

Table with columns for ID, Name, Date, Time, Location, and various performance metrics. Includes entries like M27K Edge Creek, AK, N31M Braeburn, and PAULI Pauline.

2109

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SDV Santo Domingo, MIAR Mount Ida, T35A Sooner Cattle, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like FW06 Azle, FW03 Perrin-Whitt E, NWK3 Nikolski Hill, etc.

30d 15h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TGUH Tegucigalpa, 121A Cookes Peak, YERR Yerington, etc.

VE IO 15: 113:33.6:0.6,47.770N<13.59E,h0km,mb0.3/1,m1.1/1, Error ellipse: s-min=3.9km s-min=3.3km az=131.0, Suspected Mining explosion.,Austria

30d 15h

IDC 30 15:26:39.7.3.1, 29.03S:68.43W, h1km, 26km, mb3.7/6, mbmp4.0/8, MS3.6/2, Error ellipse: s-maj=36.9km s-min=18.5km az=79.0
SJA 30 15:26:40.8.0.6, 29.05S:68.48W, h110km, 26km, ML3.5, MW3.5

ISC 30 15:26:42.1.0.8, 29.00S:0.03:68.49W, 0.03, h107km, 6km, n44, e195/64, mb3.9/16, La Rioja Province

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
VCA	Vinchina	0.36 44	Op Pn	15 26 58.1	0.0
VCA			Sb	15 27 27.9	+1.4
ACDV	Cuesta del Vie	1.29 205	eP Pn	15 27 06.4	+0.1
ACDV			eS	15 27 24.1	+0.8
ACDV			IAML	15 27 25.4	
AANI	Anillico	1.37 83	eP Pn	15 27 08.4	+1.0
AANI			eS	15 27 10.4	+0.5
AACL	CERRO LA CRUZ	1.41 108	eP Pn	15 27 07.8	+0.3
AACL			eS	15 27 27.2	-0.2
AACL			IAML	15 27 28.7	
AROD	Rodeo	1.45 216	eP Pn	15 27 08.4	+0.1
AC05	El Transito	1.57 275	eP Pn	15 27 09.7	+0.1
AC05			eS	15 27 32.1	+1.3
AC05			IAML	15 27 33.8	
ACCO	Cerro Coronel	1.66 197	eP Pn	15 27 10.7	+0.4
ACCO			eS	15 27 33.1	0.0
CO01	Juntas del Tor	1.71 235	eP Pn	15 27 12.3	+0.8
CO01			eS	15 27 35.9	+2.0
CO01			IAML	15 27 36.5	
LCO	Las Campanas	1.94 269	eP Pn	15 27 14.2	-0.2
LCO			eS	15 27 39.6	+0.5
LCO			IAML	15 27 40.4	
DOCA	Reserva Natur	2.01 193	eP Pn	15 27 14.8	-0.7
DOCA			eS	15 27 32.9	+1.1
GO03	Copiapo	2.08 312	eP Pn	15 27 16.4	+0.3
GO03			eS	15 27 42.7	+0.7
RTLL	Cerro Villucun	2.33 180	eP Pn	15 27 18.7	-0.6
RTLL			eS	15 27 46.3	-1.4
GO04	Tololo Observa	2.33 239	eP Pn	15 27 18.9	-0.5
GO04			eS	15 27 49.1	+1.1
AC04	Llanos de Chal	2.41 289	eP Pn	15 27 19.4	-0.8
AC04			eS	15 27 41.9	-7.6
AC04			IAML	15 27 48.2	
CYA	Choya	2.42 77	eP Pn	15 27 20.7	+0.2
CYA			eS	15 27 49.5	+0.4
CYA			IAML	15 27 50.7	
ZON	Zonda	2.55 184	eP Pn	15 27 21.5	-0.6
ZON			eS	15 27 52.1	+0.7
ZON			IAML	15 27 57.9	
CO03	El Pedregal	2.65 226	eP Pn	15 27 23.3	-0.2
CO03			eS	15 27 56.2	+0.9
CO03			IAML	15 27 57.2	
RTLS	Leoncito	2.88 194	eP Pn	15 27 26.2	-0.5
RTLS			eS	15 27 59.5	-1.5
RTLS			IAML	15 28 01.5	
CO02	Combarbal	3.09 224	eP Pn	15 27 28.1	-1.3
CO02			eS	15 28 11.6	+5.7
CO02			IAML	15 28 14.2	
GUSE	Guasayan	3.39 72	eP Pn	15 27 33.6	+0.2
AC01	Pan de Azucar	3.40 326	eP Pn	15 27 33.2	-0.2
AC01			eS	15 28 01.7	-1.1
AC01			IAML	15 28 23.0	
AHML	Horcio Molle	3.56 52	eP Pn	15 27 35.7	+0.1
AHML			eS	15 28 04.3	-1.3
AHML			IAML	15 28 09.7	
ASAL	Salagasta	3.60 185	eP Pn	15 27 35.5	-0.5
ASAL			eS	15 28 17.1	-0.6
ASAL			IAML	15 28 19.6	
FSA	Cafayete	3.64 38	eP Pn	15 27 38.4	+1.7
ARCO	CERRO ARCO	3.85 186	eP Pn	15 27 39.0	-0.6
ARCO			eS	15 28 11.5	-1.3
ARCO			IAML	15 28 26.7	
GO02	Mina Guanaco	3.94 345	eP Pn	15 27 42.0	+1.0
GO02			eS	15 28 27.8	+1.2
AAGR	Agrelo	4.09 184	eP Pn	15 27 42.2	+0.5
AAGR			eS	15 28 12.3	-1.7
AAGR			IAML	15 28 31.7	
VA03	San Esteban	4.15 205	eP Pn	15 27 41.7	-1.8
VA03			eS	15 29 06.2	
MT08	Bocatoma 08	4.62 196	eP Pn	15 27 50.5	+0.4
MT08			eS	15 28 46.9	+4.1
MT05	Renca	4.79 203	eP Pn	15 27 50.0	-2.1
MT05			IAML	15 28 50.0	
MT03	Universidad 4d	4.81 201	IAML	15 28 52.9	
LMEL	Las Melosas	5.05 196	eS Pn	15 28 54.4	+1.4
LVC	Limor Verde	6.37 356	eP Pn	15 28 13.4	-0.4
LVC			S	15 29 22.3	-3.1
LVC			S	15 30 45.4	
CPUP	Villa Florida	10.24 78	P Pn	15 29 03.8	-2.3
ATAH	Atahualpa	23.67 335 LR	LR	15 40 29.9	
SNA	Sanaa	55.13 159 P	P	15 36 02.5	-0.5
QSPA	South Pole Qui	61.23 180 P	P	15 36 45.8	+0.2
MAW	Mawson	77.08 163 P	P	15 38 23.3	+0.1
TORD	Torodi Ar. Bea	79.61 69 P	P	15 38 38.3	+0.3
BOSA	Boshof	79.66 117 P	P	15 38 37.9	-0.4
PDAR	Pinedale Array	80.79 331 P	P	15 38 44.8	+0.8
KURBB	Kurchatov Arra	147.12 40 PKPbc PKPbc	PKPbc	15 46 12.9	+0.6
ZALV	Zalesovo Beam	148.39 218 PKPKP	PKPKP	15 46 16.3	-0.8
MKAR	Makanchi Array	151.14 44 PKPbc PKPKP	PKPKP	15 46 22.9	-0.2

IDC 30 15:40:08.2.0.9, 2.41S: 139.03E, h0km, mb4.1/12, mbmp4.2/14, ML4.2/2, Error ellipse: s-maj=37.0km s-min=15.9km az=159.0

NEIC 30 15:40:14.4.1.5, 2.5S:0.1:138.9E:0.1, h35km, 2km, mb4.5/27, Error ellipse: s-maj=18.2km s-min=17.9km az=157.0

ISC 30 15:40:14.5.0.5, 2.48S:0.07:138.83E:0.08, h37km, n61, e130/59, mb4.4/21, Irian Jaya

2018 OCT

SOEI	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
SOEI	Source	16.18 243	Pn Iamb	15 43 60.0	+0.7
KNRA	Kunurrua	16.45 217	Pn Iamb	15 44 00.2	-0.5
KNRA			IAML	15 44 05.2	
BATI	Baumata	16.91 242	P P	15 44 10.7	+0.6
WB0	Warrungarra Wf	17.72 194	Pn Iamb	15 44 16.8	-1.7
WB0			Iamb	15 44 21.8	
WR0	Warrungarra Arr	17.87 193	P Pn	15 44 19.3	-1.0
WRAB	Tennant Creek	17.89 194	P Pn	15 44 19.5	-1.0
WB2	Warrungarra Arr	17.90 194	Iamb Iamb	15 44 19.7	-1.0
WRA	Warrungarra Arr	17.90 194	P Pn	15 44 20.1	-0.7
WRA			Pn	15 44 19.9	-0.7
WRA			S	15 47 28.5	-1.1
QIS	Mout Isa	17.98 178	P P	15 44 24.4	+2.4
FITZ	Fitzroy Crossi	20.21 219	P P	15 44 45.6	-0.7
FITZ	Fitzroy Crossi	20.21 219	P P	15 44 45.2	-1.1
AS31	Alice Springs	21.59 192	P P	15 45 01.3	0.0
ASAR	Alice Springs	21.60 192	P P	15 45 01.5	+0.2
ASAR	Alice Springs	21.60 192	P P	15 45 02.0	+0.7
ASAR			S	15 48 55.6	-3.2
KKM	Kota Kinabalu	24.12 291	P Pn	15 45 27.6	+0.4
KKM			Iamb Iamb	15 45 33.5	
PSA00	Pilbara Seismi	26.49 223	P P	15 45 49.0	+0.4
STKA	Stephens Creek	29.36 175	P P	15 46 13.9	-0.1
BBO0	Bucklebo	30.28 185	P P	15 46 21.6	-0.6
BBO0			Iamb Iamb	15 46 23.2	
H11S3	WAKE ISLAND Hy	34.44 52	T T	16 22 59.9	
H11S2	WAKE ISLAND Hy	34.45 52	T T	16 23 01.6	
H11S1	WAKE ISLAND Hy	34.46 52	T T	16 23 02.2	
CMAR	Chiang Mai Arr	44.43 300	P P	15 48 22.2	0.0
LTZ	Lake Taylor	49.99 148	P P	15 49 04.4	-0.8
SOMN	Somnigo Array	57.57 335	P P	15 50 06.0	0.0
PETK	Petrovlovsk	57.61 13	P P	15 50 01.7	+1.0
PET	Petrovlovsk	57.76 14	P P	15 50 02.6	+1.0
XMAS	Xmas	63.86 87	P P	15 50 43.3	-0.6
AKS1	Antarctic	66.00 229	P P	15 50 54.9	-2.5
MK31	Makanchi Array	69.68 322	P P	15 51 20.6	+0.1
MK31			Iamb Iamb	15 51 21.6	
MKAR	Makanchi Array	69.68 322	P P	15 51 20.5	0.0
MKAR	Makanchi Array	69.68 322	P P	15 51 20.8	+0.3
MAKZ	Makanchi	69.68 322	P Iamb	15 51 21.8	+0.1
MAKZ			Iamb	15 51 22.7	
ZAA0	Zalesovo Array	71.80 330	P Iamb	15 51 31.9	-1.2
ZAA0			Iamb	15 51 32.7	
ZALV	Zalesovo Beam	71.80 330	P P	15 51 32.1	-1.1
ZALV	Zalesovo Beam	71.80 330	P P	15 51 32.2	-1.0
BOOM	Boomsooke ush	72.08 316	P Iamb	15 51 35.5	+0.2
BOOM			Iamb	15 51 36.5	
KURBB	Kurchatov Arra	73.61 325	P P	15 51 43.7	-0.3
KURBB			Iamb	15 51 43.7	-0.3
ARSB	Arslanbob	73.77 311	P P	15 51 45.5	+0.2
CHGR	Chuyangaron	75.82 314	P Iamb	15 51 56.9	-0.3
CHGR			Iamb	15 51 57.8	
SIMJ	Simiganj	75.94 311	P Iamb	15 51 57.2	-0.7
SIMJ			Iamb	15 51 58.9	
KKAR	Karatay Array	76.05 315	P P	15 51 57.9	-0.4
LTKH	Lithakia	77.64 26	P P	15 52 47.1	+1.3
BVAR	Borovoye Array	79.02 325	P P	15 52 15.6	0.0
BVAR			S	15 52 15.6	0.0
BRVK	Borovoye	79.27 325	P Iamb	15 52 15.7	-0.2
BRVK			Iamb	15 52 16.7	
OHAK	Old Harbor	80.30 31	P P	15 52 19.5	+0.5
OHAK			Iamb	15 52 39.2	
MAW	Mawson	82.38 202	P P	15 52 32.7	+0.4
MAW			S	15 52 32.7	+0.4
ABKAR	Akkulak Array	84.63 320	P P	15 52 43.6	-0.7
ILAR	Eileison Array	85.57 24	P P	15 52 47.1	-0.6
ILAR	Eileison Array	85.57 24	P P	15 52 47.4	-1.3
QSPA	South Pole Qui	87.46 180	P P	15 52 57.9	-0.2
QSPA			S	15 52 57.9	-0.2
TORD	Torodi Ar. Bea	136.31 286	PKP PKPdf	15 59 31.8	-1.4
TORD			PKP	15 59 31.8	-1.4

IDC 30 15:52:26.1.6.0, 37.14N:20.69E, h0km, mb3.6/5, mbmp3.5/6, ML3.6/1, Error ellipse: s-maj=105.1km s-min=46.1km az=42.0

THE 30 15:52:30.8.6.4, 37.13N:20.64E, h9km, 12km, ML3.6/10, Error ellipse: s-maj=12.4km s-min=0.8km az=39.0

ATH 30 15:52:30.5.3, 37.31N:20.62E, h14km, 1km, ML3.8/9, Error ellipse: s-maj=2.6km s-min=1.0km az=48.0

ISC 30 15:52:29.0.1.9, 37.31N:0.05:20.63E:0.06, h12km, 11km, n34, e197/51, mb3.7/5, Ionian Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
KRI1	KERI	0.38 23	Op Pn	15 52 38.1	+0.4
KRI1			Sb	15 52 43.6	+0.1
LTHK	Lithakia	0.43 22	P Pn	15 52 38.9	+0.4
LTHK			S	15 52 44.8	-0.1
LTHK	Lithakia	0.43 22	P Pn	15 52 38.9	+0.4
LTHK			Sb	15 52 44.5	-0.4
LTHK			AML	15 52 45.4	
LTHK			AML	15 52 45.8	
RTZL	Ratzakili, Kefa	0.77 8	P Pn	15 52 45.0	-0.7
RTZL			S	15 52 56.0	-1.2
PSDA	Pessada-Kefalo	0.80 357	P Pn	15 52 45.9	-0.2
PSDA			S	15 52 57.2	-0.7
PSDA	Pessada-Kefalo	0.80 357	P Pn	15 52 45.6	-0.5
PSDA			S	15 52 56.9	-1.1
VLS	Valsamata	0.86 358	P Pn	15 52 46.7	-0.3
VLS			S	15 53 00.2	+0.7
VLS	Valsamata	0.86 358	P Pn	15 52 46.7	-0.3
VLS			Sb	15 52 57.9	+0.4
VLS			AML	15 53 03.3	
VLS			AML	15 53 05.9	
LXRA	Lixouri, Kepha	0.90 350	P Pn	15 52 47.8	+0.3
LXRA			AML	15 53 04.9	
LXRA			AML	15 53 07.0	
SMHA	Samh	0.94 1	P Pn	15 52 47.5	-0.5

SMHA	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
SMHA			S	15 53 01.1	-0.2
SMHA			AML	15 53 02.1	
SMHA	comp=N,39171um,0.4s		AML	15 53 02.9	
DMLN	Damoulianata-K	0.95 348	P Pn	15 52 48.9	+0.8
DMLN			Sn	15 53 03.6	+2.0
DMLN			P	15 52 48.8	+0.6
DMLN			P	15 52 48.9	+0.4
DMLN			P	15 53 04.0	+1.7
PYL	Pyelos	0.98 115	P Pn	15 52 48.0	+0.2
PYL			P	15 53 02.1	-0.2

30d 16h

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KSRS Korea Array, WRA Warramunga Arr, ASAR Alice Springs, QSPA South Pole Qui.

IDC 30 16:08:53.7±1.9, 7.81S, 130.14E, h0km, mb3.7/2, mbtmp3.4/4, ML3.4/2, Error ellipse: s-maj=130.7km s-min=31.1km az=69.0, Tanimbar Islands region

THE 30 16:14:29.8, 37.64N, 20.46E, h10km, 31km, ML3.6/9, Error ellipse: s-maj=31.6km s-min=0.7km az=0.0

ATH 30 16:14:30.5, 37.66N, 20.48E, h16km, 2km, ML3.5/11, Manual Solution by I.Dede This location: 2020/06/25

ISC 30 16:29:49.1, 37.86N, 0.04, 20.47E, h0.06, h20km, 4km, n34, c20/52, mb3.75, Ionian Sea

Main table for 30d 16h section with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KRHI Keri, LTHK Lithakia, PSDA Pessada-Kefalo, VLS Valsamata, DMLN Damouliana-K, etc.

NNC 30 16:27:33.0±14.0, 38.39N, 72.65E, h0km, mb3.5, mpv3.2, 4C-1D, Error ellipse: s-maj=120.7km s-min=78.0km az=170.0, Tajikistan

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KK31 Karatay Array, TKM2 Tokmak, AB31 Akbulak array.

IDC 30 16:29:50.8±3.3, 37.21N, 20.09E, h0km, mb3.8/5, mbtmp3.7/10, ML3.9/4, MS3.8/1, Error ellipse: s-maj=58.8km s-min=22.2km az=55.0

THE 30 16:29:57.5, 37.50N, 20.59E, h0km, 5km, ML3.4/7, Error ellipse: s-maj=5.7km s-min=1.2km az=225.0

ISC 30 16:29:56.9, 1.5, 37.56N, 0.05, 20.50E, h0.05, h17km, 8km, n53, c097/73, mb3.8/5, Ionian Sea

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like LTHK Lithakia, LTHK Lithakia, LTHK Lithakia.

2018 OCT

Main table for 2018 OCT section with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PSDA Pessada-Kefalo, VLS Valsamata, DMLN Damouliana-K, etc.

2112

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like CEL Celeste, GMB Gambarie, JOPP Joppolo, etc.

MOS 30 16:39:19.6±1.3, 37.45N, 20.45E, h15km, mb4.8/19, MS4.1/7, Error ellipse: s-maj=7.5km s-min=3.4km az=69.1

IDC 30 16:39:19.1±0.5, 37.55N, 20.60E, h0km, mb4.3/22, mbtmp4.2/35, ML3.7/11, MS4.1/5, Error ellipse: s-maj=11.9km s-min=10.8km az=167.0

BEO 30 16:39:20.7±0.7, 37.50N, 20.25E, h0km, ML4.4/12, ATH 30 16:39:21.1, 37.41N, 20.47E, h7km, 1km, ML4.3/11, Error ellipse: s-maj=2.4km s-min=1.0km az=49.0

NEIC 30 16:39:21.9±2.5, 37.51N, 0.06, 20.61E, h10km, 1km, mb4.6/49, Error ellipse: s-maj=10.7km s-min=9.1km az=163.0

PDG 30 16:39:22.7±0.3, 37.62N, 20.54E, h4km, 4km, ML4.6/11, Error ellipse: s-maj=4.0km s-min=1.9km az=90.0

TIR 30 16:39:22.4, 38.05N, 22.11E, h25km, 1km, ML4.5, MED_R 30 16:39:24.0±0.5, 37.59N, 20.53E, h10km, MW4.4/10, Moment Tensor Solution. Mantle waves: s10, c14;

Duration: 1s0 Moment tensor: Scale 10^15Nm; M1: 1.86±.49; M2: 2.29±.42; M3: -4.16±.29; M4: 2.39±1.00; M5: 1.48±.39; M6: 3.43±1.07; Best double couple: M5: 54000×10^15 NPa; NP1: 139.00000°; 0.77.00000°; 1.60.00000°; NP2: 28.00000°; 83.3.00000°; 1.155.00000°

Principal axes: T=7.100, P1g49.000°, Az=16.0000°; N=1.6400, P2g29.000°, Az=14.0000°; P=-6.3600, P3g26.000°. Az=253.0000°; nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=35s.

MCSM 30 16:39:25.3±0.3, 38°N, 3°E, h2km, 2km, mb4.5, mb4.8, ML4.5, Mw(MB)4.1, NAO 30 16:39:32.5, 37.40N, 20.40E, h10km, mb4.7

ISC 30 16:39:23.1±0.6, 37.53N, 0.03, 20.56E, h0.03, h24km, 4km, n356, c178/384, mb4.5/55, MS4.2/7, 46C-22D, Ionian Sea

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, VLS Valsamata, etc.

ROM 30 16:38:48.4±0.1, 38.373N, 0.005, 15.734E, h0.007, h16km, 1km, ML2.0/16, 2C-2D, Error ellipse: s-maj=0.6km s-min=0.3km az=11.0, Sicily

RLS RLS comp=N,38160um,0.3s	S AML AML	Sn AML AML	16 39 54.1 +1.9 16 39 56.1 16 40 01.7	BRY BRY KARP KARP KARP	Bratogost 5.58 345 5.67 108 5.67 108 5.67 108	Pn Pn Pn Pn Pn	16 40 44.8 +0.1 16 41 45.6 -2.5 16 40 46.4 +0.5 16 40 50.1 +4.2 16 40 50.6 +4.7	comp=E,0.6nm,0.3s,baz=313,slow=12,SNR=1.8 comp=E,0.5nm,0.3s	SHMJ QRNJ HMJ LUBAR	Saham Al-Qirein Natal Hemdat Lubark Ukraine	13.34 107 13.36 108 13.36 110 13.43 20	P P P P	Pn Pn Pn Pn	16 42 30.4 -0.4 16 42 30.4 -0.7 16 42 30.7 -0.5 16 42 33.9 +2.0
FSK FSK FSK comp=N,36793um,0.8s	0.93 0 S AML AML	P Sn AML	16 39 40.7 +0.1 16 39 55.5 +2.5 16 40 02.4 16 40 04.0	SELS SJES SJES STON STON	Selova 5.70 4 5.74 356 5.76 339	Pn Pn Pn Pn Pn	16 40 46.8 +0.6 16 40 47.5 +0.8 16 41 52.2 +0.2 16 40 48.0 -1.0 16 41 48.7 -3.6	comp=N,28528um,0.5s comp=E,50113um,0.6s	YITR BALJ DSI MSBI LISJ EI Lisan HRFI RNPP5 MBRI RMPF EIL	Yattir Balqa Dead Sea Mazada El Lisan Moult Harif Staryi Chortor Mt Berech Marh Elat	13.49 113 13.53 109 13.58 112 13.70 113 13.82 113 14.15 118 14.21 14 14.22 119 14.30 14 14.32 119	P P P P P P P P P P P	Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 42 33.2 +0.2 16 42 33.5 +0.1 16 42 33.7 -0.5 16 42 36.3 +0.6 16 42 36.0 -1.4 16 42 39.1 -3.0 16 42 44.2 +1.6 16 42 42.9 -0.1 16 42 45.7 +1.8 16 42 44.2 0.0
DRO DRO DRO comp=E,50113um,0.6s	1.01 65 S AML AML	P Pb AML	16 39 42.2 +0.4 16 39 57.8 +2.7 16 40 01.6 16 40 06.5	PAOL PLE PLE ZAPS IVAS BOVS BOVS MPEP GRUS BBLS	Pajovisa 5.81 309 5.86 352	Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 40 49.1 +1.4 16 40 49.5 +1.0 16 41 53.8 -1.1 16 41 50.9 +1.3 16 40 50.3 -0.1 16 40 52.0 -0.5 16 40 52.6 +0.1 16 40 56.8 +2.3 16 40 54.6 -0.5	comp=N,46463um,0.7s Lefkada island PYLOS	Lefkada island PYLOS	1.09 4 1.14 124	P P S	Pb Pb Sn	16 39 44.0 +0.7 16 39 43.4 -0.1 16 39 57.1 -1.2 16 40 01.8	
EVGI PYL PYL comp=E,42196um,0.5s	1.09 4 1.14 124 S AML	P P S AML	16 39 44.0 +0.7 16 39 43.4 -0.1 16 39 57.1 -1.2 16 40 01.8	GRUS BBLS ZAGS BAND DIVS HAPS HAPS TRUS	Gruza 6.39 352 6.42 24 6.52 62 6.57 356 6.66 350 6.69 359	Pn Pn Pn Pn Pn Pn Pn	16 40 56.8 +2.3 16 40 54.6 -0.5 16 40 56.9 +1.1 16 40 56.0 +0.2 16 40 59.5 +2.4 16 40 57.7 -0.5 16 40 59.6 +0.1 16 42 11.7 -2.9	comp=N,46463um,0.7s Lefkada island PYLOS	Lefkada island PYLOS	1.09 4 1.14 124	P P S	Pb Pb Sn	16 39 44.0 +0.7 16 39 43.4 -0.1 16 39 57.1 -1.2 16 40 01.8	
EVGI PYL PYL comp=E,42196um,0.5s	1.09 4 1.14 124 S AML	P P S AML	16 39 44.0 +0.7 16 39 43.4 -0.1 16 39 57.1 -1.2 16 40 01.8	GRUS BBLS ZAGS BAND DIVS HAPS HAPS TRUS	Gruza 6.39 352 6.42 24 6.52 62 6.57 356 6.66 350 6.69 359	Pn Pn Pn Pn Pn Pn Pn	16 40 56.8 +2.3 16 40 54.6 -0.5 16 40 56.9 +1.1 16 40 56.0 +0.2 16 40 59.5 +2.4 16 40 57.7 -0.5 16 40 59.6 +0.1 16 42 11.7 -2.9	comp=N,17517um,0.3s ithomi	ithomi	1.15 107	P S	Pn Sb	16 39 43.4 -0.2 16 40 00.3 +1.6 16 40 06.5 16 40 09.2	
ITM ITM ITM comp=E,27083um,1.0s	1.15 107 S AML AML	P Sb AML AML	16 39 43.4 -0.2 16 40 00.3 +1.6 16 40 06.5 16 40 09.2	TRUS HUMR GZR GZR GZR BZS BZS AZR VOIR VOIR VOIR	Trudelj 6.69 359 6.75 36 7.04 30 7.03 11 8.03 11 8.12 5 8.12 5 8.40 20 8.59 22 8.59 22 8.59 22	Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 40 59.9 +0.2 16 41 16.9 +2.7 16 41 17.5 +2.0 16 41 19.2 +1.0 16 41 19.2 +1.0 16 41 19.7 +0.4 16 41 19.7 +0.4 16 41 22.9 +0.6 16 41 25.2 +1.9 16 41 27.7 +1.8 16 41 27.6 +1.8 16 41 27.5 +1.7	comp=N,31321um,0.8s Dragano-Lefkad Nydri-Lefkada UPR University Cam LKD2 Lefkada island LKD2 LKD2 LKD2 comp=E,23251um,0.8s	Dragano-Lefkad Nydri-Lefkada UPR University Cam LKD2 Lefkada island LKD2 LKD2 LKD2 LKD2 LKD2	1.15 1 1.15 1 1.19 5 1.23 52 1.26 4 1.26 4 1.26 4 1.26 4 1.26 4	P P P P P P P P P P	Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 39 44.6 +0.3 16 39 44.8 0.0 16 39 45.0 +0.3 16 39 48.0 +1.9 16 40 07.2 +5.3 16 40 07.2 +5.3 16 39 47.1 +1.0 16 40 05.7 +3.8 16 40 10.6 16 40 11.6 16 39 46.7 0.0 16 40 04.0 +1.1 16 39 46.3 -0.3 16 40 04.2 +0.3 16 40 12.3 16 40 20.1 16 39 48.3 0.0 16 39 49.1 -0.7 16 39 50.1 -0.5 16 39 52.5 -1.2 16 40 32.4 16 40 33.0 16 39 58.7 -0.2 16 39 56.3 +0.4 16 39 56.3 +0.4 16 39 58.8 +0.9 16 40 04.4 -0.9 16 40 36.8 +2.5 16 40 06.5 -1.5 16 40 04.1 +0.2 16 40 09.1 -2.7 16 40 09.1 +0.3 16 40 09.3 +0.3 16 40 09.8 +0.3 16 40 09.7 -3.7 16 40 13.8 +0.4 16 41 15.2 +1.8 16 40 57.3 +3.6 16 40 13.8 +0.4 16 40 15.4 +0.6 16 40 15.3 +0.6 16 40 53.7 -0.7 16 40 16.5 +1.7 16 40 19.3 +2.2 16 40 20.9 +3.8 16 40 20.5 +3.0 16 40 19.1 -0.5 16 40 20.2 +0.6 16 40 22.9 +2.2 16 40 22.5 +1.8 16 40 22.6 +1.8 16 40 21.4 +0.7 16 40 22.5 +1.8 16 40 23.4 +2.7 16 40 23.8 +2.8 16 40 24.7 +2.7 16 40 27.2 +4.5 16 40 27.2 +4.5 16 40 25.9 +1.5 16 40 24.3 -0.6 16 40 23.5 -1.4 16 41 26.6 -0.2 16 40 28.0 +1.3 16 41 18.9 +3.0 16 40 30.4 +1.4 16 40 31.7 +1.5 16 41 25.1 +3.0 16 40 31.5 +1.3 16 40 30.7 +0.4 16 41 21.3 -1.0 16 40 35.0 +2.4 16 40 35.3 +2.3 16 40 34.2 +0.8 16 41 27.1 -0.7 16 40 35.4 +0.4 16 41 33.8 +2.9 16 40 36.6 +0.9 16 41 30.8 -1.2 16 40 34.4 -1.4 16 40 35.6 -0.8 16 40 35.2 +0.3 16 41 32.4 -1.0 16 40 37.1 +0.7 16 41 32.8 -0.6 16 40 39.0 +1.6 16 40 37.8 -0.6 16 40 39.0 +0.3 16 41 35.7 -1.8 16 40 39.0 +0.1 16 41 35.8 -1.9 16 40 41.9 +0.9 16 40 41.7 +1.4 16 40 43.0 +1.4 16 41 41.4 -1.1 16 40 42.1 +0.5 16 40 42.9 +1.1 16 41 41.9 +1.1 16 40 42.5 +0.8 16 41 41.4 -1.4 16 40 44.5 +2.7 16 40 44.4 +2.1 16 40 42.5 +0.2 16 40 42.6 +0.2 16 41 43.2 -1.5 16 41 43.6 -1.0 16 40 45.1 +1.8 16 40 44.5 +1.2	
DRAG NYDR UPR University Cam LKD2 Lefkada island LKD2 LKD2 LKD2 comp=E,23251um,0.8s	1.15 1 1.19 5 1.23 52 1.26 4 1.26 4 1.26 4 1.26 4 1.26 4 1.26 4	P P P P P P P P P	16 39 44.6 +0.3 16 39 44.8 0.0 16 39 45.0 +0.3 16 39 48.0 +1.9 16 40 07.2 +5.3 16 40 07.2 +5.3 16 39 47.1 +1.0 16 40 05.7 +3.8 16 40 10.6 16 40 11.6 16 39 46.7 0.0 16 40 04.0 +1.1 16 39 46.3 -0.3 16 40 04.2 +0.3 16 40 12.3 16 40 20.1 16 39 48.3 0.0 16 39 49.1 -0.7 16 39 50.1 -0.5 16 39 52.5 -1.2 16 40 32.4 16 40 33.0 16 39 58.7 -0.2 16 39 56.3 +0.4 16 39 56.3 +0.4 16 39 58.8 +0.9 16 40 04.4 -0.9 16 40 36.8 +2.5 16 40 06.5 -1.5 16 40 04.1 +0.2 16 40 09.1 -2.7 16 40 09.1 +0.3 16 40 09.3 +0.3 16 40 09.8 +0.3 16 40 09.7 -3.7 16 40 13.8 +0.4 16 41 15.2 +1.8 16 40 57.3 +3.6 16 40 13.8 +0.4 16 40 15.4 +0.6 16 40 15.3 +0.6 16 40 53.7 -0.7 16 40 16.5 +1.7 16 40 19.3 +2.2 16 40 20.9 +3.8 16 40 20.5 +3.0 16 40 19.1 -0.5 16 40 20.2 +0.6 16 40 22.9 +2.2 16 40 22.5 +1.8 16 40 22.6 +1.8 16 40 21.4 +0.7 16 40 22.5 +1.8 16 40 23.4 +2.7 16 40 23.8 +2.8 16 40 24.7 +2.7 16 40 27.2 +4.5 16 40 27.2 +4.5 16 40 25.9 +1.5 16 40 24.3 -0.6 16 40 23.5 -1.4 16 41 26.6 -0.2 16 40 28.0 +1.3 16 41 18.9 +3.0 16 40 30.4 +1.4 16 40 31.7 +1.5 16 41 25.1 +3.0 16 40 31.5 +1.3 16 40 30.7 +0.4 16 41 21.3 -1.0 16 40 35.0 +2.4 16 40 35.3 +2.3 16 40 34.2 +0.8 16 41 27.1 -0.7 16 40 35.4 +0.4 16 41 33.8 +2.9 16 40 36.6 +0.9 16 41 30.8 -1.2 16 40 34.4 -1.4 16 40 35.6 -0.8 16 40 35.2 +0.3 16 41 32.4 -1.0 16 40 37.1 +0.7 16 41 32.8 -0.6 16 40 39.0 +1.6 16 40 37.8 -0.6 16 40 39.0 +0.3 16 41 35.7 -1.8 16 40 39.0 +0.1 16 41 35.8 -1.9 16 40 41.9 +0.9 16 40 41.7 +1.4 16 40 43.0 +1.4 16 41 41.4 -1.1 16 40 42.1 +0.5 16 40 42.9 +1.1 16 41 41.9 +1.1 16 40 42.5 +0.8 16 41 41.4 -1.4 16 40 44.5 +2.7 16 40 44.4 +2.1 16 40 42.5 +0.2 16 40 42.6 +0.2 16 41 43.2 -1.5 16 41 43.6 -1.0 16 40 45.1 +1.8 16 40 44.5 +1.2											
LKD2 LKD2 LKD2 comp=E,27083um,1.0s	1.15 107 S AML AML	P Sb AML AML	16 39 43.4 -0.2 16 40 00.3 +1.6 16 40 06.5 16 40 09.2	TRUS HUMR GZR GZR GZR BZS BZS AZR VOIR VOIR VOIR	Trudelj 6.69 359 6.75 36 7.04 30 7.03 11 8.03 11 8.12 5 8.12 5 8.40 20 8.59 22 8.59 22 8.59 22	Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 40 59.9 +0.2 16 41 16.9 +2.7 16 41 17.5 +2.0 16 41 19.2 +1.0 16 41 19.2 +1.0 16 41 19.7 +0.4 16 41 19.7 +0.4 16 41 22.9 +0.6 16 41 25.2 +1.9 16 41 27.7 +1.8 16 41 27.6 +1.8 16 41 27.5 +1.7	comp=N,31321um,0.8s Dragano-Lefkad Nydri-Lefkada UPR University Cam LKD2 Lefkada island LKD2 LKD2 LKD2 comp=E,23251um,0.8s	Dragano-Lefkad Nydri-Lefkada UPR University Cam LKD2 Lefkada island LKD2 LKD2 LKD2 LKD2 LKD2	1.15 1 1.15 1 1.19 5 1.23 52 1.26 4 1.26 4 1.26 4 1.26 4 1.26 4	P P P P P P P P P	Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 39 44.6 +0.3 16 39 44.8 0.0 16 39 45.0 +0.3 16 39 48.0 +1.9 16 40 07.2 +5.3 16 40 07.2 +5.3 16 39 47.1 +1.0 16 40 05.7 +3.8 16 40 10.6 16 40 11.6 16 39 46.7 0.0 16 40 04.0 +1.1 16 39 46.3 -0.3 16 40 04.2 +0.3 16 40 12.3 16 40 20.1 16 39 48.3 0.0 16 39 49.1 -0.7 16 39 50.1 -0.5 16 39 52.5 -1.2 16 40 32.4 16 40 33.0 16 39 58.7 -0.2 16 39 56.3 +0.4 16 39 56.3 +0.4 16 39 58.8 +0.9 16 40 04.4 -0.9 16 40 36.8 +2.5 16 40 06.5 -1.5 16 40 04.1 +0.2 16 40 09.1 -2.7 16 40 09.1 +0.3 16 40 09.3 +0.3 16 40 09.8 +0.3 16 40 09.7 -3.7 16 40 13.8 +0.4 16 41 15.2 +1.8 16 40 57.3 +3.6 16 40 13.8 +0.4 16 40 15.4 +0.6 16 40 15.3 +0.6 16 40 53.7 -0.7 16 40 16.5 +1.7 16 40 19.3 +2.2 16 40 20.9 +3.8 16 40 20.5 +3.0 16 40 19.1 -0.5 16 40 20.2 +0.6 16 40 22.9 +2.2 16 40 22.5 +1.8 16 40 22.6 +1.8 16 40 21.4 +0.7 16 40 22.5 +1.8 16 40 23.4 +2.7 16 40 23.8 +2.8 16 40 24.7 +2.7 16 40 27.2 +4.5 16 40 27.2 +4.5 16 40 25.9 +1.5 16 40 24.3 -0.6 16 40 23.5 -1.4 16 41 26.6 -0.2 16 40 28.0 +1.3 16 41 18.9 +3.0 16 40 30.4 +1.4 16 40 31.7 +1.5 16 41 25.1 +3.0 16 40 31.5 +1.3 16 40 30.7 +0.4 16 41 21.3 -1.0 16 40 35.0 +2.4 16 40 35.3 +2.3 16 40 34.2 +0.8 16 41 27.1 -0.7 16 40 35.4 +0.4 16 41 33.8 +2.9 16 40 36.6 +0.9 16 41 30.8 -1.2 16 40 34.4 -1.4 16 40 35.6 -0.8 16 40 35.2 +0.3 16 41 32.4 -1.0 16 40 37.1 +0.7 16 41 32.8 -0.6 16 40 39.0 +1.6 16 40 37.8 -0.6 16 40 39.0 +0.3 16 41 35.7 -1.8 16 40 39.0 +0.1 16 41 35.8 -1.9 16 40 41.9 +0.9 16 40 41.7 +1.4 16 40 43.0 +1.4 16 41 41.4 -1.1 16 40 42.1 +0.5 16 40 42.9 +1.1 16 41 41.9 +1.1 16 40 42.5 +0.8 16 41 41.4 -1.4 16 40 44.5 +2.7 16 40 44.4 +2.1 16 40 42.5 +0.2 16 40 42.6 +0.2 16 41 43.2 -1.5 16 41 43.6 -1.0 16 40 45.1 +1.8 16 40 44.5 +1.2	
DRAG NYDR UPR University Cam LKD2 Lefkada island LKD2 LKD2 LKD2 comp=E,23251um,0.8s	1.15 1 1.19 5 1.23 52 1.26 4 1.26 4 1.26 4 1.26 4 1.26 4 1.26 4	P P P P P P P P P	16 39 44.6 +0.3 16 39 44.8 0.0 16 39 45.0 +0.3 16 39 48.0 +1.9 16 40 07.2 +5.3 16 40 07.2 +5.3 16 39 47.1 +1.0 16 40 05.7 +3.8 16 40 10.6 16 40 11.6 16 39 46.7 0.0 16 40 04.0 +1.1 16 39 46.3 -0.3 16 40 04.2 +0.3 16 40 12.3 16 40 20.1 16 39 48.3 0.0 16 39 49.1 -0.7 16 39 50.1 -0.5 16 39 52.5 -1.2 16 40 32.4 16 40 33.0 16 39 58.7 -0.2 16 39 56.3 +0.4 16 39 56.3 +0.4 16 39 58.8 +0.9 16 40 04.4 -0.9 16 40 36.8 +2.5 16 40 06.5 -1.5 16 40 04.1 +0.2 16 40 09.1 -2.7 16 40 09.1 +0.3 16 40 09.3 +0.3 16 40 09.8 +0.3 16 40 09.7 -3.7 16 40 13.8 +0.4 16 41 15.2 +1.8 16 40 57.3 +3.6 16 40 13.8 +0.4 16 40 15.4 +0.6 16 40 15.3 +0.6 16 40 53.7 -0.7 16 40 16.5 +1.7 16 40 19.3 +2.2 16 40 20.9 +3.8 16 40 20.5 +3.0 16 40 19.1 -0.5 16 40 20.2 +0.6 16 40 22.9 +2.2 16 40 22.5 +1.8 16 40 22.6 +1.8 16 40 21.4 +0.7 16 40 22.5 +1.8 16 40 23.4 +2.7 16 40 23.8 +2.8 16 40 24.7 +2.7 16 40 27.2 +4.5 16 40 27.2 +4.5 16 40 25.9 +1.5 16 40 24.3 -0.6 16 40 23.5 -1.4 16 41 26.6 -0.2 16 40 28.0 +1.3 16 41 18.9 +3.0 16 40 30.4 +1.4 16 40 31.7 +1.5 16 41 25.1 +3.0 16 40 31.5 +1.3 16 40 30.7 +0.4 16 41 21.3 -1.0 16 40 35.0 +2.4 16 40 35.3 +2.3 16 40 34.2 +0.8 16 41 27.1 -0.7 16 40 35.4 +0.4 16 41 33.8 +2.9 16 40 36.6 +0.9 16 41 30.8 -1.2 16 40 34.4 -1.4 16 40 35.6 -0.8 16 40 35.2 +0.3 16 41 32.4 -1.0 16 40 37.1 +0.7 16 41 32.8 -0.6 16 40 39.0 +1.6 16 40 37.8 -0.6 16 40 39.0 +0.3 16 41 35.7 -1.8 16 40 39.0 +0.1 16 41 35.8 -1.9 16 40 41.9 +0.9 16 40 41.7 +1.4 16 40 43.0 +1.4 16 41 41.4 -1.1 16 40 42.1 +0.5 16 40 42.9 +1.1 16 41 41.9 +1.1 16 40 42.5 +0.8 16 41 41.4 -1.4 16 40 44.5 +2.7 16 40 44.4 +2.1 16 40 42.5 +0.2 16 40 42.6 +0.2 16 41 43.2 -1.5 16 41 43.6 -1.0 16 40 45.1 +1.8 16 40 44.5 +1.2											
LKD2 LKD2 LKD2 comp=E,27083um,1.0s	1.15 107 S AML AML	P Sb AML AML	16 39 43.4 -0.2 16 40 00.3 +1.6 16 40 06.5 16 40 09.2	TRUS HUMR GZR GZR GZR BZS BZS AZR VOIR VOIR VOIR	Trudelj 6.69 359 6.75 36 7.04 30 7.03 11 8.03 11 8.12 5 8.12 5 8.40 20 8.59 22 8.59 22 8.59 22	Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn Pn	16 40 59.9 +0.2 16 41 16.9 +2.7 16 41 17.5 +2.0 16 41 19.2 +1.0 16 41 19.2 +1.0 16 41 19.7 +0.4 16 41 1							

30d 16h

Table of station data for the 30d 16h period. Columns include station name, frequency, power, and various signal quality metrics like SNR and error rates.

2018 OCT

Main table of station data for 2018 OCT. Includes columns for station name, frequency, power, and signal quality metrics. Contains detailed entries for various stations like KLR, G29M, H29M, etc.

2114

Table of station data for the 2114 period. Columns include station name, frequency, power, and signal quality metrics.

comp=Z,4.4nm,1.4s
H21K Melozitna Rive 77.12 357 P PKPfd 17 07 47.2 +0.3
ASAR Alice Springs 122.12 97 PKP 17 14 48.5 -0.4

SJA 30 17:00:41.3:0.8,20.93S:66.6:6W,h253km,6km,ML3.9,
MW3.7
IDC 30 17:00:43.3:0.8,20.96S:66.6:7W,h221km,10km,mb3.3/3,
mbmp3.8/8,Error ellipse: s-maj=2.0km s-min=9.4km
az=115.0

SCB 30 17:00:45.8:1.3,20.94S:66.7:0W,h201km,26km,ML3.8/3,
MW3.7,Error ellipse: s-maj=8.6km s-min=6.8km az=0.0
NEIC 30 17:00:45.2:1.7,20.99S:0.08:67.0W:0.1, h240km,6km,
mb4.1/3,Error ellipse: s-maj=16.7km s-min=10.6km
az=106.0

ISC 30 17:00:43.8:0.7,20.98S:0.04:66.77W:0.05,h231km,7km,
n64,+c130/98,mb3.9/3,2C,Southern Bolivia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Yavi, IPOC Station P, Limon Verde, Chuzmiza, etc.

comp=Z,1.5nm,0.6s,baz=4.3,slow=13,SNR=3.2
GSPA South Pole Qui 69.22 180 P Iamb 17 11 26.1 +0.5

QSPA comp=Z,6.5nm,1.4s
South Pole Qui 69.22 180 P Iamb 17 11 27.0 +1.5

PDAR Pinedale Array 74.68 329 P P 17 11 58.5 +0.2

TORD Torodi Ar. Bea 75.30 70 P P 17 10 10.1 -1.1

IDC 30 17:06:42.3:1.2,32.82N:141.93E,h0km,mb4.0/11,
mbmp4.0/13,ML2.9/2,Error ellipse: s-maj=38.5km
s-min=16.6km az=73.0

JMA 30 17:06:51.4:0.2,32.8N:0.6:14.1E,h65km,MV3.7/28,E
OFF HACHIOJIMA ISLAND

ISC 30 17:06:47.3:2.4,32.72N:0.07:141.59E:0.09,h26km,16km,
n31,+c198/40,mb4.0/11,Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Mitsune, Hachiojimakas, Aogashimamukai, etc.

ARHZ Kuaotunu 2.65 281 S Sn 17 12 19.7 0.0
KUZ Black Stump Fm 2.71 225 P Pn 17 11 49.3 -1.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Tahuroa Road, McNeill Hill, Kaweka Forest, etc.

NEIC 30 17:40:58.9:1.8,37.25N:0.07:20.65E:0.06,h10km,1km,
az=184.0,Error ellipse: s-maj=11.9km s-min=8.6km

IDC 30 17:40:59.0:0.9,37.49N:20.92E,h0km,mb3.8/11,
mbmp3.8/17,ML2.8/3,Error ellipse: s-maj=20.3km
s-min=14.9km az=1.0

THE 30 17:41:00.9,37.29N:20.71E,h5km,1km,ML3.9/16,Error
ellipse: s-maj=1.4km s-min=0.6km az=48.0

ATH 30 17:41:01.2,37.29N:20.69E,h7km,1km,ML3.8/18,Error
ellipse: s-maj=1.6km s-min=0.8km az=50.0

BE0 30 17:41:02.8:0.7,37.54N:20.60E,h0km,ML3.5/6
NAO 30 17:41:02.4,37.33N:19.44E,h10km,mb3.9
ISC 30 17:41:01.7:1.0,37.35N:0.03:20.76E:0.03,h24km,7km,
n152,+c196/190,mb3.9/14,4C-2D,Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like KERI, LTHK, Ratzakii, etc.

IDC 30 17:11:08.2:1.4,7.63S:145.98E,h473km,35km,mb3.3/1,
mbmp3.3/4,Error ellipse: s-maj=111.9km
s-min=25.4km az=129.0,Near south coast of New
Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

WEL 30 17:11:08.3:0.8,37.5:4*17.9E*,h12km,M3.4/1,
ML3.8/25,MLV3.4/17,Error ellipse: s-maj=7.9km
s-min=4.8km az=103.8,confirmed,Off east coast of
North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Matakaoa Point, Pakihiroa, Puketiti, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLV, DRAG, NYDR, GUR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, NORSAR, TORO, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JSH, JHT, JSR, etc.

Table with columns: TYV, TYV, TYV, MDJ, JHJ2, JMN, KSR5, ZEA, ZEA, ZEA, ZEA, PEAOB, PEAOB, PEAOB, PETK, PETK, PETK, PETK, MA2, MA2, MA2, YAK, YAK, YAK, SEY, SEY, SEY, ULN, ULN, ULN, ULN, SONM, SONM, SONM, ZAK, ZAK, ENH, ENH, BAG, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, F15K, J14K, ZAA0, ZALV, ZALV, ZALV, G16K, M16K, M16K, CNBA, CNBA, H18K, D19K, D19K, L18K, L18K, MK31, MK31, MK31, MKAR, MKAR, MKAR, B20K, B20K, MAKZ, MAKZ, MAKZ, PHRA, J20K, B21K, K20K, K20K, IMAR, G21K, G21K, CHTO, CHTO, CHTO, KURK, KURK, KURK, KURK, KURB, KURB, KURB, CMAR, CMAR, CMAR, CMAR, CAST, E22K, E22K, KDAK, KDAK, KDAK, CNPM, BRK, NEA2, WRH, WRH, IL31

Table with columns: ILAR, Eielson Array, FAKI, FAKI, PRP, PRP, BMAR, SCRR, BVAR, BVAR, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, NRN, NRN, NRN, EGAK, L27K, AAK, AAK, AAK, ISLE, EPYK, L29M, L29M, K29M, ARSB, ARSB, ARSB, I30M, INK, INK, INK, INK, H31M, HYT, K29M, K29M, GAR, GAR, ARTI, ARTI, ARTI, ARTI, ARTI, ABKAR, ABKAR, MTN, MTN, KIRV, GSI, RES, RES, RES, RES, BBB, KNRA, YKA, YKA, YKA, TULEG, WBO, WBO, WRO, WRO, WRO, SUNC, SUNC, SUNC, ASAR, KIV, KIV, HFS, HFS, HFS, HFS, UOSS, UOSS, BOZ, BOZ, BOZ, KVN, KVN, KVN, NVAR, BUR08, PD31, PDAR, PDAR, BRTR, PV10, PV10, PV14, FUORN, FUORN, FUORN, IDI, IDI, TROLL, SNA4, SNA4

Table with columns: 58km east of Victoria, Bc Washington, ISC 30 17:59:43.1, Code, Station Name, A, AZ, Phase ID, Time Res, ISC

NEIC 30 17:59:42.6, 1.9, 48:43N:0.0:121:60W:0.02, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.1km az=25, SEA 30 17:59:43.3, 1.9, 48:43N:0.0:121:60W:0.02, h6km, 5km, ML2 9/16, ML2 7/66(NEIC), Error ellipse: s-maj=2.2km s-min=1.7km az=67.0, PGC 30 17:59:43.1, 1.4, 48:42N:122:58W, h0km, ML2.9, ML2.7/25,

30d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like B202 Windy Ridge, M, 2.20 172, Pn, 18 00 20.8 +1.3.

TIR 30 18:04:21.4, 37:28N, 20:27E, h40km, 14km, M15.0
MOS 30 18:04:21.7, 1.1, 37:43N, 20:46E, h11km, mb4.7, 36,
MS4.3/10, Error ellipse: s-maj=5.2km s-min=2.9km az=75.0
IDC 30 18:04:22.4, 0.5, 37:54N, 20:51E, h0km, mb4.4/22,
mbmp4.2/38, ML3.9/13, MS3.9/34, Error ellipse:
s-maj=11.4km s-min=10.1km az=158.0
ATH 30 18:04:23.8, 37:44N, 20:46E, h7km, 1km, ML.4/3/13, Error
ellipse: s-maj=1.6km s-min=0.9km az=44.0
THE 30 18:04:23.8, 37:44N, 20:49E, h0km, 2km, ML.4/5/17, Error
ellipse: s-maj=3.1km s-min=0.6km az=230.0
NEIC 30 18:04:23.9, 37:45N, 20:48E, h11km
NEIC 30 18:04:23.9, 1.8, 37:46N, 20:05E, 20:49E, 0.06, h10km, 1km,
mb4.7/109, MW4.5/19, Error ellipse: s-maj=8.4km
s-min=7.4km az=184.0, Moment Tensor Solution.
Moment tensor: Scale 10^15Nm; M1:2.00; M2:0.70;
M3:1.30; M4:4.71; M5:3.21; M6:4.33; Fault plane
solution: M7:3.7000x10^15 NP1:20.95000^0, d12.22000^0,
lambda176.31000^0. NP2:324.56000^0, d89.22000^0, lambda77.80000^0.
Principal axes: T 8.5082, Plg44.0000^0, Azm22.0000^0;
N -4.2179, Plg12.0000^0, Azm325.0000^0; P -4.2903,
Plg43.0000^0, Azm66.0000^0;
PDG 30 18:04:24.2, 0.3, 37:50N, 20:51E, h2km, 11km, ML.4/6/12
Error ellipse: s-maj=5.1km s-min=1.9km az=90.0
NAO 30 18:04:24.7, 37:52N, 20:47E, h10km, mb4.8
MCSM 30 18:04:25.5, 0.4, 37:NL3, 2:0E, h14km, 3km, mb4.6,
mb5.1, MLV4.6, MW(m)B4.4
MED_RC 30 18:04:25.0, 0.4, 37:52N, 20:47E, h17km, 2km, MW4.5/12,
Moment Tensor Solution, Mantle waves: s2, c1;9;
Duration: 1s0 Moment tensor: Scale 10^15Nm;
M1:1.26; M2:7.9; M3:5.8; M4:4.05; M5:4.5; M6:5.8; M7:1.9;
M8:2.5; M9:3.1; M10:2.4; M11:3.7; Best double couple:
M7:6.9000x10^15 NP1:19.00000^0, d84.00000^0,
lambda170.00000^0. NP2:21.00000^0, d34.00000^0, lambda170.00000^0.
Principal axes: T 7.9100, Plg41.0000^0, Azm358.0000^0; N
-0.4500, Plg34.0000^0, Azm123.0000^0; P -7.4700,
Plg31.0000^0, Azm237.0000^0; nst1 refers to body waves.
nst2 refers to surface waves, cutoff=35s.
BEO 30 18:04:26.8, 0.8, 37:66N, 20:35E, h10km, ML.4/5/10
BGR 30 18:04:37.6, 0.9, 38:14N, 20:46E, h10km, Error ellipse:
s-maj=121.2km s-min=40.0km az=55.0
ISC 30 18:04:22.0, 0.8, 37:48N, 20:52E, 0.02, h14km, 4km,
m629, c1s60/675, mb4.7/87, MS4.0/36, 50C-18D, Ionian
Sea

2018 OCT

Table with columns: VLS, comp, E, AML, AML, 18 04 54.0, etc. Includes entries like LXR1 Lixouri, Cepha, 0.72 355, P, Pb, 18 04 38.6 +0.1.

2118

Table with columns: FNA, FNA, FNA, 3.37 11, ePn, Pn, 18 05 18.5 +2.1. Includes entries like FNA Florina, 3.37 11, ePn, Pn, 18 05 18.1 +1.7.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORH Mrgy, Hungary; ISR Istrita; MLR Muntele Rosu; NEHR Topalu; DOPR Dopca; etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVA Dava; KHC Kasperske Hory; KHC KHC; KHC KHC; KHC KHC; etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK comp=Z,36nm,0.8s; MNK comp=Z,487nm,13.0s; MNK comp=E,1,1m,18.0s; etc.

30d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HFS Hagfors, NC602 NORSAR Array S, EKA Eskdalemuir Ar, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like DRK Karamyk, ARSB Arslanbob, SPB2 Spitsbergen Ar, etc.

2120

Table with columns for station name, frequency, power, and other technical details. Includes stations like D27M Malcolm River, INK Inuvik, E28M Babbage River, etc.

ISK 30 18:13:43.9, 36:49N, 28:74E, h5km, ML2, 8/11
THE 30 18:13:45.0, 36:47N, 28:74E, h0km, ML2, 6/3, Error
ellipse: s-maj=11.3km s-min=2.0km az=103.0
AFAD 30 18:13:46.3, 0.0, 36:52N, 28:81E, h28km, ML2, 4
ISC 30 18:13:44.8, 1.2, 36:46N, 0:03, 28:72E, 0:03, h4km, 10km,
n26, c063/43, Dodecanese Islands

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other details. Includes stations like FETY Fethiye, DALY Dalyan (Mula), etc.

TAVA DENIZLI Tavass 1.09 9 P Pn 19 30 50.6 +1.1
APMY Acipayam-Deniz 1.18 24 Pn Pg 19 30 49.6 -0.8

NEIC 30 19:30:35.9; 2.5; 37.29N; 0.06; 20.42E; 0.07; h10km; 1km,
mb4.5/16, Error ellipse: s-maj=10.7km s-min=9.4km
az=178.0

IDC 30 19:30:35.9; 1.0; 37.26N; 20.68E; h0km; mb3.8/9,
mbmp3.7/18, ML3.3/5, MS3.1/9, Error ellipse:
s-maj=17.9km s-min=14.2km az=7.0

ATH 30 19:30:37.0; 37.37N; 20.41E; h8km; 2km, ML3.8/11,
Manual Solution by M.Kolligri This location: 2020/06/30
07:03:31 ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 2
km; Longitude uncertainty: 1 km

THE 30 19:30:39.0; 37.42N; 20.44E; h0km; 2km, ML3.8/10, Error
ellipse: s-maj=3.2km s-min=0.7km az=231.0

MCSM 30 19:30:42.5; 0.5; 37.1N; 5.2; 0E; 1.1; h14km; mb4.0, mb4.8,
MLV4.2, Mw(mb)4.0

NAO 30 19:30:48.0; 37.52N; 20.47E; h10km; mb4.1
ISC 30 19:30:49.0; 1.1; 37.40N; 0.03; 20.47E; 0.03; h16km; 7km,
n167; 19/99/164, mb4.0/13, MS3.0/14C-9B, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for KRII, LTHK, PSDA, VLS, etc.

Main station data table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for KEST, NEHR, DOPR, DRGR, etc.

Main station data table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for LTHK, PSDA, DOPR, etc.

NNC 30 19:39:18.8; 0.6; 42.49N; 78.53E; h0km; mb2.9, mpv3.1,
Error ellipse: s-maj=4.8km s-min=2.1km az=164.0
KRNET 30 19:39:18.7; 0.1; 42.57N; 78.44E; h21km; mb2.4
SOME 30 19:39:19.1; 42.50N; 78.47E; h5km
ISC 30 19:39:19.6; 0.9; 42.51N; 0.03; 78.45E; 0.02; h9km; 6km,
n45; c111/84, 12C-13Z, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Contains station data for Code, Station Name, etc.

30d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, QIS Mount Isa, GUMO Guam, WRA Warramunga Arr, VLAKA Lakatoro, etc.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like ADK Ulanbaatar, ULN Ulanbaatar, MA2 Magadan, SONM Songino Array, ATKA Alaskaland, etc.

2124

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo Beam, O20K Slope Mountain, G17K Kiwialik Mouta, TTA Tatalina, L19K White Mountain, etc.

Table with columns: WAT6, Susitna Watana, 82.99, 25, P, P, 20 13 41.6, -0.3, 20K, Etivluk River, 83.00, 17, P, P, 20 13 41.7, +0.1, BWN, Browne, 83.04, 23, Iamb, Iamb, 20 13 42.8, MCK, McKinley, 83.04, 23, P, P, 20 13 41.0, -0.9, F21K, Alatina, 83.14, 19, P, P, 20 13 42.9, +0.5, H22K, Isaltina Cre, 83.17, 21, P, P, 20 13 42.8, +0.2, KLU, Klutina, 83.30, 26, P, Iamb, Iamb, 20 13 42.4, -0.9, KLU, Klutina, 83.30, 26, P, P, 20 13 43.7, +0.3, KAIM, Kayak Island, 83.34, 28, P, P, 20 13 43.2, -0.3, DHY, Denali Highway, 83.36, 24, Iamb, Iamb, 20 13 44.8, DHY, Denali Highway, 83.36, 24, P, P, 20 13 43.6, -0.2, NEA2, Nenana, 83.39, 23, Iamb, Iamb, 20 13 44.0, NEA2, Nenana, 83.39, 23, P, P, 20 13 42.8, -0.9, MAW, Mawson, 83.41, 20, P, P, 20 13 43.2, -0.5, M24K, Tolsona, Glenn, 83.45, 25, P, P, 20 13 44.1, 0.0, I23K, Minto, Yukon-K, 83.54, 22, P, P, 20 13 43.1, -1.3, I23K, Minto, Yukon-K, 83.54, 22, P, P, 20 13 44.2, -0.2, B20K, Meade River, 83.60, 16, P, P, 20 13 45.2, +0.7, E21K, Killik River, 83.64, 18, Iamb, Iamb, 20 13 46.6, E21K, Killik River, 83.64, 18, P, P, 20 13 45.4, +0.4, G22K, Bettles, 83.65, 20, P, P, 20 13 45.1, +0.1, BMRM, Bremner River, 83.66, 27, P, P, 20 13 45.2, 0.0, WRH, Wood River Hill, 83.71, 23, Iamb, Iamb, 20 13 45.5, F22K, John River, 83.72, 19, P, P, 20 13 46.0, +0.7, C21K, Knifeblade Rid, 83.79, 17, P, P, 20 13 45.7, +0.1, H23K, Yukon River, 83.80, 21, P, P, 20 13 46.0, +0.2, CCB, Clear Creek Bu, 83.90, 23, Iamb, Iamb, 20 13 46.3, N25K, Chitna, Valde, 83.92, 26, P, P, 20 13 46.4, -0.2, BGLC, Bering Glacier, 83.94, 28, P, P, 20 13 46.1, -0.4, COLA, College, 83.98, 23, P, Iamb, Iamb, 20 13 44.9, -1.7, COLA, College, 83.98, 23, P, P, 20 13 46.0, -0.6, COLA, College, 83.98, 23, P, P, 20 13 46.3, -0.3, HARP, HAARP, 84.00, 25, P, P, 20 13 46.7, -0.2, G23K, Bananza Creek, 84.05, 20, P, P, 20 13 47.5, +0.5, B21K, Ikpkuk River, 84.10, 17, P, P, 20 13 47.6, +0.4, PAX, Paxson, 84.11, 25, P, P, 20 13 47.4, 0.0, HDA, Harding Lake, 84.12, 23, P, P, 20 13 47.2, -0.2, E22K, Anaktuvuk Pass, 84.17, 19, P, P, 20 13 47.9, +0.3, GLB, Gilahina Butte, 84.20, 26, Iamb, Iamb, 20 13 49.3, COLD, Coldfoot, 84.24, 20, P, P, 20 13 48.4, +0.4, POKR, Poker Plat Res, 84.25, 22, P, P, 20 13 48.0, 0.0, CRQE, Cirque, 84.26, 27, P, P, 20 13 48.4, +0.1, D22K, Ayikyak River, 84.28, 18, Iamb, Iamb, 20 13 50.2, D22K, Ayikyak River, 84.28, 18, P, P, 20 13 48.8, +0.7, IL31, 84.31, 23, Iamb, Iamb, 20 13 48.0, ILAR, 84.31, 23, P, P, 20 13 46.5, -1.8, ILAR, Eielson Array, 84.31, 23, P, P, 20 13 47.0, -1.3, ILAR, 84.31, 23, P, P, 20 13 46.0, -0.2, K24K, Donnelly Dome, 84.33, 24, P, P, 20 13 48.5, 0.0, QSPA, South Pole Qui, 84.39, 180, P, Iamb, Iamb, 20 13 48.1, -0.8, QSPA, South Pole Qui, 84.39, 180, P, P, 20 13 50.0, QSPA, South Pole Qui, 84.39, 180, P, P, 20 13 49.0, +0.1, QSPA, 84.39, 180, P, P, 20 13 46.4, -0.1, H24K, Noodor Dome, 84.54, 22, P, P, 20 13 49.1, +0.2, A21K, Barrow, 84.52, 15, P, P, 20 13 49.7, +0.5, MCARA, McCarthy VSAT, 84.53, 27, P, P, 20 13 49.8, +0.2, MESA, MESA, 84.58, 28, P, P, 20 13 49.9, -0.2, RIDG, Independent Ri, 84.68, 24, Iamb, Iamb, 20 13 50.8, RIDG, Independent Ri, 84.68, 24, P, P, 20 13 50.6, +0.4, A22K, Sinclair Lake, 84.77, 16, P, P, 20 13 51.2, +0.7, MENT, Mentasta, 84.83, 25, P, P, 20 13 51.6, +0.6, J25K, Salcha River, 84.83, 23, Iamb, Iamb, 20 13 51.8, J25K, Salcha River, 84.83, 23, P, P, 20 13 50.8, -0.2, B22K, Teshkepuk Lake, 84.84, 17, Iamb, Iamb, 20 13 52.2, B22K, Teshkepuk Lake, 84.84, 17, P, P, 20 13 51.3, +0.4, E23K, Chandalar, 84.84, 19, P, P, 20 13 51.0, -0.1, E23K, Chandalar, 84.84, 19, P, P, 20 13 51.5, +0.4, M26K, Nabesna, AK, 84.93, 26, P, P, 20 13 52.0, +0.4, G24K, Hadweenzic Riv, 84.94, 21, P, P, 20 13 52.1, +0.6, D23K, Nanushuk River, 84.95, 18, P, P, 20 13 52.5, +0.1, L26K, Log Cabin Wild, 85.02, 25, P, P, 20 13 51.5, -0.5, L26K, Log Cabin Wild, 85.02, 25, P, P, 20 13 52.8, +0.9, SCRK, Sand Creek, 85.12, 24, P, P, 20 13 52.6, +0.1, TOLK, Toolik Lake Re, 85.14, 19, P, P, 20 13 53.2, +0.7, CTG, Chitna Glacier, 85.14, 27, P, P, 20 13 53.1, +0.4, CTGM, Chitna Glacie, 85.14, 27, Iamb, Iamb, 20 13 54.4, F24K, Squaw Lake, 85.17, 20, Iamb, Iamb, 20 13 54.6, F24K, Squaw Lake, 85.17, 20, P, P, 20 13 53.7, +1.0, E24K, Four Creek, 85.22, 20, P, P, 20 13 53.4, +0.5, H25L, Birch Creek, 85.35, 22, P, P, 20 13 54.0, +0.6, M27K, Edge Creek, AK, 85.40, 26, Iamb, Iamb, 20 13 55.9, M27K, Edge Creek, AK, 85.40, 26, P, P, 20 13 53.8, -0.2, C23K, Iklikik River, 85.40, 18, P, P, 20 13 54.1, +0.5

Table with columns: KKAR, Karatay Array, 85.43, 314, P, P, 20 13 53.2, -1.2, KKAR, Karatay Array, 85.43, 314, P, Iamb, Iamb, 20 13 53.2, -1.2, G25K, Bearman Lake, 85.46, 21, P, P, 20 13 54.4, +0.4, NRIK, Nori'sk, 85.49, 342, P, P, 20 13 54.0, -0.1, NRIK, Nori'sk, 85.49, 342, P, Iamb, Iamb, 20 14 44.4, NRIK, Nori'sk, 85.49, 342, P, P, 20 13 54.3, +0.2, NRIK, Nori'sk, 85.49, 342, P, P, 20 14 42.5, +0.7, NRIK, Nori'sk, 85.49, 342, P, P, 20 14 42.5, +0.7, J26L, Joseph Creek, 85.50, 24, P, P, 20 13 54.7, +0.3, O28M, Mount Upton, 85.60, 28, P, P, 20 13 55.2, 0.0, PNL, Peninsula, 85.61, 29, P, P, 20 13 55.1, +0.1, D24K, Happy Valley, 85.62, 19, Iamb, Iamb, 20 13 56.4, D24K, Happy Valley, 85.62, 19, P, P, 20 13 55.4, +0.7, L27K, Beaver Creek, 85.67, 25, Iamb, Iamb, 20 13 57.0, L27K, Beaver Creek, 85.67, 25, P, P, 20 13 55.5, +0.3, L27K, Beaver Creek, 85.67, 25, P, P, 20 13 55.2, -0.1, BCAR, Beaver Creek A, 85.69, 25, P, P, 20 13 56.8, FYU, Fort Yukon, 85.69, 21, Iamb, Iamb, 20 13 56.8, YUK3, Moose Creek, 85.82, 27, P, P, 20 13 56.2, 0.0, YUK3, Moose Creek, 85.82, 27, P, P, 20 13 56.6, +0.5, K27K, Chicken, 85.92, 24, Iamb, Iamb, 20 13 58.6, K27K, Chicken, 85.92, 24, P, P, 20 13 56.9, +0.5, C24K, Franklin Bluff, 85.93, 18, P, P, 20 13 56.8, +0.6, YUK8, Steele Glacier, 85.97, 27, P, P, 20 13 56.9, 0.0, F25K, Christian River, 85.98, 20, P, P, 20 13 57.0, +0.4, O29M, Mount Kennedy, 86.21, 28, Iamb, Iamb, 20 14 00.0, O29M, Mount Kennedy, 86.21, 28, P, P, 20 13 58.4, +0.4, E25K, Arctic Village, 86.23, 20, P, P, 20 13 58.3, +0.5, BMAR, Burnt Mountain, 86.28, 21, P, P, 20 13 57.8, -0.3, G26K, Porcupine River, 86.37, 21, P, P, 20 13 58.8, +0.4, P29M, Windy Craggy, 86.40, 29, P, P, 20 13 59.1, +0.3, D25K, Kavik River, 86.48, 19, Iamb, Iamb, 20 14 00.5, D25K, Kavik River, 86.48, 19, P, P, 20 13 59.5, +0.5, YUK4, Talbot Arm, 86.50, 27, P, P, 20 14 00.1, +0.6, YUK6, Outpost Mounta, 86.50, 28, P, P, 20 13 59.7, 0.0, YUK6, Sheenjek River, 86.54, 21, P, P, 20 13 59.7, +0.3, EGAK, Eagle, 86.56, 24, Iamb, Iamb, 20 14 00.9, EGAK, Eagle, 86.56, 24, P, P, 20 13 59.6, +0.1, I27K, Kandik River, 86.68, 23, P, P, 20 14 00.2, +0.1, S31K, Pelican, 86.68, 31, P, P, 20 14 00.6, +0.4, H1Y, Haines Junctio, 86.87, 28, P, P, 20 14 01.6, +0.4, SIT, Sitka, 86.91, 32, P, P, 20 14 01.8, +0.5, P30M, Million Dollar, 86.92, 29, P, P, 20 14 02.2, +0.8, M29M, Somme Creek, 86.92, 26, P, Iamb, Iamb, 20 14 01.4, 0.0, M29M, Somme Creek, 86.92, 26, P, P, 20 14 01.8, +0.4, H27K, Steamboat Moun, 86.94, 22, P, P, 20 14 02.1, +0.8, PLBC, Pleasant Camp, 87.02, 30, P, P, 20 14 01.9, +0.1, DAWY, Dawson, 87.04, 25, Iamb, Iamb, 20 14 03.7, DAWY, Dawson, 87.04, 25, P, P, 20 14 02.1, +0.2, G27K, Doyon Strip, 87.10, 22, P, P, 20 14 02.6, +0.6, C26K, Camden Bay, 87.19, 18, P, P, 20 14 03.5, +1.1, N30M, Aishikik Lake, 87.25, 28, P, P, 20 14 03.5, +0.1, L29M, L29M, 87.28, 26, P, P, 20 14 03.1, +0.1, I28M, Miner Creek, 87.28, 23, Iamb, Iamb, 20 14 04.4, I28M, Miner Creek, 87.28, 23, P, P, 20 14 03.7, 0.0, S32K, Killisnoo, 87.41, 32, P, P, 20 14 03.7, +0.1, C27K, Jago River, 87.46, 19, P, P, 20 14 04.0, +0.3, O30N, Mendenhall, 87.52, 28, P, P, 20 14 03.6, -0.6, O30N, Mendenhall, 87.52, 28, Iamb, Iamb, 20 14 05.5, O30N, Mendenhall, 87.52, 28, P, P, 20 14 04.3, +0.1, BVAR, Borovoye Array, 87.61, 324, P, P, 20 14 03.1, -1.6, BVAR, Borovoye Array, 87.61, 324, P, P, 20 14 53.8, +0.9, BVAR, Borovoye Array, 87.61, 324, P, P, 20 17 33.9, +1.0, E27K, Coleen River, 87.62, 20, Iamb, Iamb, 20 14 06.5, E27K, Coleen River, 87.62, 20, P, P, 20 14 04.8, +0.3, J29N, Klondike Camp, 87.65, 24, Iamb, Iamb, 20 14 06.9, J29N, Klondike Camp, 87.65, 24, P, P, 20 14 05.3, +0.5, M30M, Minto, Yukon, 87.70, 26, P, P, 20 14 05.0, 0.0, CRAC, Craig, 87.71, 34, P, P, 20 14 05.3, +0.2, K29M, Barlow Dome, 87.76, 25, P, P, 20 14 05.3, -0.1, K29M, Barlow Dome, 87.76, 25, Iamb, Iamb, 20 14 07.2, K29M, Barlow Dome, 87.76, 25, P, P, 20 14 51.8, -1.7, K29M, Barlow Dome, 87.76, 25, P, P, 20 14 05.5, +0.1, N31M, Braeburn, Yuko, 87.86, 28, P, P, 20 14 06.0, +0.3, I29M, Ogilvie Camp, 87.90, 24, Iamb, Iamb, 20 14 06.6, I29M, Ogilvie Camp, 87.90, 24, P, P, 20 14 05.7, -0.2, F28M, Old Crow, 88.03, 21, P, P, 20 14 06.5, 0.0, F28M, Old Crow, 88.03, 21, Iamb, Iamb, 20 14 08.2, F28M, Old Crow, 88.03, 21, P, P, 20 14 06.9, +0.5, WHY, Whitehorse, 88.06, 29, Iamb, Iamb, 20 14 08.5, WHY, Whitehorse, 88.06, 29, P, P, 20 14 07.0, +0.1, H29M, Whitestone, 88.14, 23, P, P, 20 14 07.2, +0.3, D27M, Malcolm River, 88.22, 20, P, P, 20 14 08.0, +0.7, P32M, Atlin, 88.36, 30, P, P, 20 14 08.2, 0.0, J30M, Hart River, 88.47, 25, Iamb, Iamb, 20 14 10.4, J30M, Hart River, 88.47, 25, P, P, 20 14 09.3, +0.6, E28M, Babbage River, 88.48, 20, Iamb, Iamb, 20 14 10.5, E28M, Babbage River, 88.48, 20, P, P, 20 14 09.0, +0.5

Table with columns: G29M, Pine Creek, 88.49, 22, Iamb, Iamb, 20 14 10.1, G29M, Pine Creek, 88.49, 22, P, P, 20 14 09.1, +0.5, V35K, Ketchikan, 88.52, 34, P, P, 20 14 09.1, +0.2, I30M, Mount Dempster, 88.63, 24, P, P, 20 14 08.7, -0.8, I30M, Mount Dempster, 88.63, 24, P, Iamb, Iamb, 20 14 10.2, I30M, Mount Dempster, 88.63, 24, P, P, 20 14 09.5, 0.0, M31M, Drury Creek, Y, 88.68, 27, P, P, 20 14 09.3, -0.3, EPYK, Eagle Plains, 88.82, 23, Iamb, Iamb, 20 14 11.5, EPYK, Eagle Plains, 88.82, 23, P, P, 20 14 10.0, -0.2, E29M, Blow River, 88.89, 21, P, P, 20 14 11.0, +0.1, D28M, Stokes Point, 88.90, 20, P, P, 20 14 11.5, +0.7, FARO, Faro, Yukon, 89.16, 27, P, P, 20 14 12.4, +0.5, G30M, tAoh Zraii Nji, 89.19, 22, Iamb, Iamb, 20 14 13.4, G30M, tAoh Zraii Nji, 89.19, 22, P, P, 20 14 12.3, +0.4, F30M, Barrier River, 89.52, 22, P, P, 20 14 14.0, +0.5, T35M, Bob Quinn, 89.60, 33, P, P, 20 14 14.1, +0.1, H31M, Pea River, 89.60, 24, Iamb, Iamb, 20 14 14.8, H31M, Pea River, 89.60, 24, P, P, 20 14 14.2, +0.3, G31M, Satah River, 89.91, 23, Iamb, Iamb, 20 14 16.1, G31M, Satah River, 89.91, 23, P, P, 20 14 15.4, +0.2, DLBC, Dease Lake, 89.98, 31, P, P, 20 14 15.7, -0.2, F31M, Tsighehtchic, 90.24, 22, P, P, 20 14 16.5, -0.2, INK, Inuvik, 90.53, 21, Iamb, Iamb, 20 14 19.1, INK, Inuvik, 90.53, 21, P, P, 20 14 18.4, +0.4, TGNT, Hyland Airport, 91.38, 28, P, P, 20 14 22.3, 0.0, LIRD, Liard River Hi, 92.15, 31, P, P, 20 14 25.9, +0.1, TOAD, Toad River Com, 92.52, 31, P, P, 20 14 27.2, -0.3, KOTAM, Kotanelee Air, 93.26, 30, P, P, 20 14 30.5, -0.4, A36M, Sachs Harbour, 93.94, 18, P, P, 20 14 32.6, -1.1, A36M, Sachs Harbour, 93.94, 18, P, P, 20 14 33.6, -0.1, C36M, Paulatuk, 94.08, 21, P, P, 20 14 34.2, -0.2, ELIB, Princess Elisa, 95.12, 195, dP, P, 20 14 39.5, +0.1, ELIB, Princess Elisa, 95.12, 195, dP, P, 20 15 26.6, -1.2, NVAR, Mina Array Base, 95.52, 52, dP, P, 20 14 41.1, -0.9, NVAR, Mina Array Base, 95.52, 52, P, P, 20 14 45.0, -1.1, YKA, Yellowknife Ar, 97.86, 28, P, P, 20 14 51.1, -0.6, YKA, Yellowknife Ar, 97.86, 28, P, P, 20 14 51.1, -0.6, TROLL, Troll, Antarti, 99.57, 190, P, P, 20 14 58.7, -0.7, SNAK, Sanae, 100.73, 189, P, P, 20 15 00.2, -4.3, SNAK, Sanae, 100.73, 189, P, P, 20 15 00.4, -0.5, VNA3, Neumayer Olymp, 102.05, 187, P, P, 20 15 09.2, -1.1, VNA2, Neumayer-Watz, 102.05, 188, P, P, 20 15 09.8, -0.5, PDAR, Pinedale Array, 102.15, 48, P, P, 20 15 10.0, -1.6, PLCA, Paso Flores, 121.36, 145, P, P, 20 20 07.8, -1.3, CPUP, Villa Florida, 139.28, 142, P, P, 20 20 42.0, -1.3, TORD, Torodi Ar, Base, 146.92, 286, P, P, 20 20 57.5, +0.5, TORD, Torodi Ar, Base, 146.92, 286, P, P, 20 21 50.7, 0.0, BDFB, Brazil, 153.01, 142, P, P, 20 21 13.1, -1.0, BDFB, Brazil, 153.01, 142, P, P, 20 21 26.0, 0.0, DJA 30 20:26:49.3, 0.0, S2, 12, 3E, h64km, 9km, M4.0/11, MLV4.0/11, IDC 30 20:26:49.8, 6.1, 0.35S, 123, 02E, h86km, 60km, mb3.1/4, mbmp3.5, ML3.8/1, Error ellipse: s=0.05, maj=50.3km, s-min=19.6km az=61.0, ISC 30 20:26:48.9, 0.0, 0.34S, 0.07, 123, 13E, s=0.05, h78km, n13, 0594/17, mb3.4/4, Minahassa Peninsula, Sulawesi, Code Station Name Az AzZ Phase ID Time Res h m s ISC Code Station Name Az AzZ Phase ID Time Res h m s ISC LUWI Luwuk 0.79 207 Op ISC Pn 20 27 05.7 +0.3 LUWI Luwuk 0.79 207 S Sn 20 27 18.2 +0.6 KMSI Cibinong 1.24 43 P Pn 20 27 11.2 +0.4 APMS Ampang 1.59 249 P Pn 20 27 15.1 -0.2 MPMS Mapaga 3.30 282 P Pn 20 27 38.8 +0.4 SANI Sanana 3.32 121 P Pn 20 27 38.0 +0.5 SANI Sanana 3.32 121 S Sn 20 28 15.1 -1.9 TTSI Tana Toraja 4.27 231 P Pn 20 27 52.0 +0.5 NLAI Namlea 4.90 126 P Pn 20 28 02.1 +2.0 SPSI Sidrap Palu 4.93 223 P Pn 20 28 00.7 +0.2 KAPI Kappang 5.74 216 P Pn 20 28 12.2 +0.5 KAPI Kappang 5.74 216 S Sn 20 29 14.8 -1.4 KAPI Kappang 5.74 216 S Sn 20 29 14.8 -1.4 WRA Warramunga Arr 22.36 151 P P 20 31 41.0 +0.2 ASAR Alice Springs 25.44 156 P P 20 32 10.6 +1.0 ASAR Alice Springs 25.44 156 P P 20 35 39.7 -0.4 SONM Soginno Array 50.14 345 P Pn 20 35 36.4 -0.1 MKAR Makanchi Array 58.97 328 P P 20 36 40.2 -0.1 SJA 30 20:28:50.3, 0.0, 0.9, 30, 26S, 71, 89W, h24km, 15km, ML3.2, MW3.6, GUC 30 20:28:53.5, 0.0, 0.7, 30, 39S, 71, 62W, h30km, 2km, ML3.2, ISC 30 20:28:48.7, 1.5, 0.36S, 0.03, 71, 70W, 0.06, h8km, 11km, n24, r141/44, 2C-20, Near coast of central Chile, Code Station Name Az AzZ Phase ID Time Res h m s ISC Code Station Name Az AzZ Phase ID Time Res h m s ISC CO06 Fraj Yroge 0.32 170 P Op ISC Pn 20 29 00.1 +0.4 CO06 Fraj Yroge 0.32 170 eS Sb 20 29 05.2 +3.2 CO06 Fraj Yroge 0.32 170 IAML 20 29 05.4 CO05 La Serena 0.59 43 eS Pn 20 29 04.6 +1.2 CO05 La Serena 0.59 43 eS Pn 20 29 12.8 -0.4 CO05 La Serena 0.59 43 IAML 20 29 13.5 G004 Tololo Observa 0.80 77 P Pn 20 29 07.6 +1.1 G004 Tololo Observa 0.80 77 eS Pn 20 29 17.9 +0.8 G004 Tololo Observa 0.80 77 IAML 20 29 23.9 CO03 El Pedregal 0.99 119 P Pn 20 29 10.2 +1.1 CO03 El Pedregal 0.99 119 eS Sb 20 29 22.5 +0.9 CO01 Juntas del Tor 1.44 75 eS Pn 20 29 17.9 +1.4 CO01 Juntas del Tor 1.44 75 eS Pn 20 29 35.8 +0.7 CO01 Juntas del Tor 1.44 75 IAML 20 29 38.7 LCO Las Campanas 1.60 33 eP Pg 20 29 20.2 +0.7

30d 20h

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Table with columns: Code, Station Name, Az, El, P, Sg, Time, Res. Rows include stations like Los Peladeros, AROD Rodeo, AC05 El Transito, ACCO Cerro Coronel, etc.

Table with columns: DNZT, Denizli-Tavas, DNTZ, DATT, Dataca-Mugla, etc. Rows include stations like Denizli-Tavas, Dataca-Mugla, Elmal, etc.

Table with columns: FSK, Fiskardo, FSK, Fiskardo, FSK, Fiskardo, etc. Rows include stations like Fiskardo, Fiskardo, Fiskardo, etc.

TEH 30 20:30:25.4, 34.11N:59.83E, h11km, 17km, ML3.6,

Table with columns: Code, Station Name, Az, El, P, Sg, Time, Res. Rows include stations like SHRT Afrakht, AFRZ Afriz, IDAH Dahanechah, etc.

Table with columns: ISM, ISM, ISM, ISM, ISM, ISM, etc. Rows include stations like ISM, ISM, ISM, etc.

Table with columns: AXAR, AXAR, AXAR, AXAR, AXAR, AXAR, etc. Rows include stations like AXAR, AXAR, AXAR, etc.

AFAD 30 20:31:41.0, 36.45N:28.71E, h7km, 2km, ML2.8

ISK 30 20:31:31.0, 36.49N:28.74E, h5km, ML3.0/22
THE 30 20:31:32.8, 36.50N:28.85E, h0km, 3km, ML2.8/4, Error
ellipse: s-maj=9.8km s-min=1.7km az=102.0

ATH 30 20:31:33.8, 36.46N:28.87E, h7km, 2km, ML2.8/9, Error

ellipse: s-maj=3.6km s-min=1.6km az=113.0
ISC 30 20:31:32.4, 1.1, 36.47N:0.02:28.72E:0.02, h5km, 9km,
n66, c085/90, Dodecanese Islands

Table with columns: Code, Station Name, Az, El, P, Sg, Time, Res. Rows include stations like FETY Fethiye, FETY Fethiye, FETY Fethiye, etc.

IDC 30 20:31:44.6, 5.9, 37.48N:20.56E, h0km, mb3.8/3,
mbmp3.6/4, ML3.5/1, Error ellipse: s-maj=100.9km
s-min=49.2km az=46.0

THE 30 20:31:47.6, 37.49N:20.39E, h4km, 30km, ML3.4/9, Error
ellipse: s-maj=30.3km s-min=0.8km az=61.0

ATH 30 20:31:47.7, 37.50N:20.35E, h7km, 2km, ML3.2/14, Error
ellipse: s-maj=3.2km s-min=1.2km az=34.0

ISC 30 20:31:45.7, 1.9, 37.45N:0.05:20.28E:0.07, h13km, 10km,
n35, c070/50, mb4.0/3, Ionian Sea

Table with columns: Code, Station Name, Az, El, P, Sg, Time, Res. Rows include stations like KRI1 KERI, LTHK Lithakia, LTHK Lithakia, etc.

IDC 30 20:52:32.7, 6.3, 37.06N:20.40E, h0km, mb3.7/7,
mbmp3.7/7, Error ellipse: s-maj=122.7km s-min=33.1km
az=23.0

ATH 30 20:52:38.5, 37.34N:20.55E, h8km, 2km, ML3.5/29,
Manual Solution by A.Andreu This location: 2020/06/24
10:13:48 ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 1
km; Longitude uncertainty: 1 km

THE 30 20:52:38.5, 37.35N:20.54E, h0km, 2km, ML3.4/13, Error
ellipse: s-maj=2.6km s-min=0.7km az=231.0

ISC 30 20:52:38.5, 1.4, 37.35N:0.04:20.53E:0.05, h14km, 8km,
n68, c1519/91, mb3.7/7, Ionian Sea

Table with columns: Code, Station Name, Az, El, P, Sg, Time, Res. Rows include stations like KRI1 KERI, LTHK Lithakia, LTHK Lithakia, etc.

Table with columns: STKA, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Stephens Creek, BBOO Buckleboe, and various other locations.

Table with columns: STKA, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like GNL Ganaly, TUMD Tumrok D, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like NOUC Port Laguerre, DZM DZM, and various other locations.

30d 21h:38.3±0.8, 1.98S, 141.24E, h0km, mb4.0/13, mbmp4.0, ML3.71, MS3.712, Error ellipse: s-maj=43.2km s-min=26.0km az=161.0, NEIC 30 21:29:51.5, 22:24S:0:05:169.80E:0:08, h10km, 1km, mb4.5/13, Error ellipse: s-maj=12.3km s-min=8.5km az=85.0, NOU 30 21:21:32.4, 21:80S:169:38E, h0km, MLV4.1/11, Southside of Loyalty Islands, ISC 30 21:21:30.4±0.6, 22:05S:0:09:169.76E:0:08, h25km, n67, s190S/59, mb4.3/13, MS3.7/10.5, Southeast of Loyalty Islands

30d 21h:38.3±0.8, 1.98S, 141.24E, h0km, mb4.0/13, mbmp4.0, ML3.71, MS3.712, Error ellipse: s-maj=43.2km s-min=26.0km az=161.0, NEIC 30 21:29:51.5, 22:24S:0:05:169.80E:0:08, h10km, 1km, mb4.5/13, Error ellipse: s-maj=12.3km s-min=8.5km az=85.0, NOU 30 21:21:32.4, 21:80S:169:38E, h0km, MLV4.1/11, Southside of Loyalty Islands, ISC 30 21:21:30.4±0.6, 22:05S:0:09:169.76E:0:08, h25km, n67, s190S/59, mb4.3/13, MS3.7/10.5, Southeast of Loyalty Islands

30d 21h:38.3±0.8, 1.98S, 141.24E, h0km, mb4.0/13, mbmp4.0, ML3.71, MS3.712, Error ellipse: s-maj=43.2km s-min=26.0km az=161.0, NEIC 30 21:29:51.5, 22:24S:0:05:169.80E:0:08, h10km, 1km, mb4.5/13, Error ellipse: s-maj=12.3km s-min=8.5km az=85.0, NOU 30 21:21:32.4, 21:80S:169:38E, h0km, MLV4.1/11, Southside of Loyalty Islands, ISC 30 21:21:30.4±0.6, 22:05S:0:09:169.76E:0:08, h25km, n67, s190S/59, mb4.3/13, MS3.7/10.5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JAY Jayapura, MANU Manus Island, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like L14K Kuka Creek, GAR Garm, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CMAR Chiang Mai Arr, WBO Warramunga Arr, and various other locations.

30d 21h

2018 OCT

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ISC 30 21:26:36.2, 0.3, 16.51S, 0:07:17.135W, 0:06, h26km, n432, r144/416, mb4.8/44, MS3.8/20, 18C-10D, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists various stations like NIUE, NIUE, NIUE, FUTU, FUTU, FUTU, etc.

Table with columns: YBH, PETK, NVAR, NVAR, NVAR, NV11, NV11, TPH, KVN, KVN, R17L, OHAK, R18K, Y14A, Y14A, Q17K, KDAD, KDAD, R11B, Q18K, P17K, Q20K, Q12A, Q12A, P18K, O17K, M13K, N15K, N15K, N15K, O18K, P19K, M14K, M14K, N16K, M15K, BRSE, KSRS, L14K, L14K, M16K, N18K, N19K, 121A, L15K, SEW, Q27K, M17K, L16K, K15K, K15K, L17K, V35K, U33K, M19K, L18K, L18K, P17L, SUA, M20K, L19K, HLID, EYAK, GLI, VHRN, K17K, S31K, SKT, KNK, M22K, L20K, TXAR, TTA, MESA, BMRM, J17K, PNL, CRQC, ANMO, KLU, SCM, J18K, K20K, N25K, CTG, PLBC. Lists various stations like Yreka Blue Hor, Petropavlovsk, Mina Array Bay, etc.

Table with columns: WAT6, O28M, O29M, CAST, CAST, WAT1, J19K, TRF, G15K, S22A, CHUM, J20K, DHY, RND, RND, H17K, HYT, TNA, PAX, Q32M, M26K, YUK3, MCK, BPAW, G16K, H18K, M27K, PDAK, PDAK, PDAK, G17K, O30N, YHL, L26K, BVCY, WHY, K24K, H19K, R33M, BELA, RIDG, P33M, NEA2, L27K, BCAR, G18K, H20K, WRH, WRH, I21K, MLY, MLY, MLY, HDA, T25A, CMIG, M29M, SCRK, F17K, G19K, H21K, I23K, Q24A, IL31, IL31, ILAR, ILAR, F18K, IMAR, J25K, J25K, H03S2, H03S1, H03S3, POKR, POKR, M30M, K27K, N23A, H22K, L29M, L29M, J26L, E17K, F19K, F19K, H23K, M31M. Lists various stations like Susitna Watana, Mount Upton, Mount Kennedy, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like G21K Allakaket, G21K Alakaket, H24K Noodor Dome, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like SNA4 Sanae, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time. Includes stations like H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, etc.

ADC 30 21:28:50.9, 2.7, 25.96S x 70.87E, h0km, mb3.9, mtdmp=3.9, MS3.7/15, Error ellipse: s-maj=86.5km e-min=26.0km az=4.0
ISC 30 21:28:53.0, 2.6, 26.0S; 0.4, 70.9E; 0.4, h11km, n26, -0.86S/g, mb4.0, MS3.8/15, Mid-Indian Ridge

ADC 30 21:55:10.1, 5.1, 37.22N; 20.86E, h0km, mb3.67, mtdmp=3.58, MS3.5/11, MS3.3/9, Error ellipse: s-maj=37.9km e-min=25.7km az=123.0
ATH 30 21:55:12.1, 37.18N; 20.56E, h6km, 1km, ML3.4/18, Error ellipse: s-maj=2.6km s-min=0.9km az=48.0
ISC 30 21:55:11.2, 1.9, 37.20N; 0.05, 20.70E; 0.05, h6km, 12km

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Lithakia, PYLOS, Ithomi, Valsamata, Lixouri, Kephala, etc.

Table with columns: BSSI, KAP, FITZ, WRA, WRA, ASAR, DAV, CMAR, H08S2, H08S3, H08S1, SONM, MKAR, H04N2, H04N1, H04N3, MAW, KURBB, ZALV, BVAR, QSPA, SNA, SNA, PRE, BGS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Senekal, RAO, DZM, STKA, ASAR, WRA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, BVAR, H10S2, H10S3, H10N3, H10N2, FINES, AKAS, MMAI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Baing, Waikabubak, Maumere, Plai, Bauma, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ghanzi, KGRV, QANGWA, PHDHD, KGCAE, SLIND, KOOLE, KDWAN, KSAN, SKOMA, LPHEP, TSUM, BROLN, MREMI, LBTB, LEPH, SWZ, MUSIN, ARMS, KEIM, AUS, BOSA, PILG, MOPAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Lskr Muir, Lake Muir, Warramunga, Alice Springs, Stephens Creek, Fitzroy Cross, Songino Array, Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Copiapo, IPOC Station P, Llanos de Chal, Limon Verde, etc.

ADC 20:22:52.31.7.1.7.37.57N-20:70E, h0km, mb3.7/8, mbmp3.6/15, ML3.1/6, MS3.2/20, Error ellipse: s-maj=33.8km s-min=18.2km az=34.0

NAO 30:25:53.9.38.39N-20:05E, h10km, mb3.9

ISC 30:25:29.4.1.2.36.39N-20:10.57E, 0.10, h10km, n49, c=2511/32, mb3.9/9, MS3.1/14, 12C-6D, Central

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Anoyia, Apeiranthos, Bovan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lobatse, Chiang Mai Arr, Kul'dur, etc.

ADC 30:23:01.58.2.3.5.14.86N-147:34E, h0km, mb3.8/6, mbmp3.8/6, MS2.7/1, Error ellipse: s-maj=110.0km s-min=31.3km az=65.0

ISC 30:23:02.00.8.3.2.143N-02:147.4E, 0.17, h18km, n13, c=0519/6, mb4.0/6, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO Guam, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

ATH 30:23:03.33.9.37.31N-20:69E, h16km, 1km, ML3.6/6, Error ellipse: s-maj=3.0km s-min=1.7km az=51.0

THE 30:23:03.37.2.37.45N-20:61E, h0km, 1km, ML3.4/12, Error ellipse: s-maj=2.1km s-min=0.6km az=221.0

ISC 30:23:03.33.9.1.8.37.33N-0:06.20.60E, 0.05, h10km, 9km, n40, c1922/62, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRII Keri, LTHK Lithakia, LTHK Lithakia, etc.

ADC 30:23:16:07.6.1.0.37.50N-20:61E, h0km, mb3.8/10, mbmp3.7/17, ML2.8/3, MS3.0/4, Error ellipse: s-maj=21.4km s-min=15.3km az=176.0

NEIC 30:23:16:09.4.2.0.37.34N-0:06.20.48E, 0.06, h10km, 1km, mb4.3/16, Error ellipse: s-maj=11.3km s-min=8.0km az=201.0

ATH 30:23:16:10.5.37.45N-20:52E, h15km, 5km, ML3.7/8, Manual Solution by I.Dede This location: 2020/07/03

22:02:35 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Lat/Long uncertainty: 3 km, Longitude uncertainty: 2 km

THE 30:23:16:11.5.37.44N-20:52E, h0km, 2km, ML3.6/12, Error ellipse: s-maj=3.1km s-min=0.7km az=223.0

NAO 30:23:16:12.2.37.26N-20:41E, h10km, mb4.0

ISC 30:23:16:09.7.1.1.37.40N-0:03.20.49E, 0.03, h15km, 7km, n158, c19182/12, mb4.1/16, 9C-5D, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRII Keri, LTHK Lithakia, LTHK Lithakia, etc.

Table of astronomical observations with columns: Station Name, Station ID, Azimuth (AZ), Altitude (A), Azimuth Error (AZerr), Altitude Error (Aerr), Azimuth Rate (AZR), Altitude Rate (AR), Azimuth Rate Error (AZRerr), Altitude Rate Error (ARerr), Azimuth Rate Rate (AZRR), Altitude Rate Rate (ARR), Azimuth Rate Rate Error (AZRRerr), Altitude Rate Rate Error (ARRerr).

Table of astronomical observations with columns: Station Name, Station ID, Azimuth (AZ), Altitude (A), Azimuth Error (AZerr), Altitude Error (Aerr), Azimuth Rate (AZR), Altitude Rate (AR), Azimuth Rate Error (AZRerr), Altitude Rate Error (ARerr), Azimuth Rate Rate (AZRR), Altitude Rate Rate (ARR), Azimuth Rate Rate Error (AZRRerr), Altitude Rate Rate Error (ARRerr).

Table of astronomical observations with columns: Station Name, Station ID, Azimuth (AZ), Altitude (A), Azimuth Error (AZerr), Altitude Error (Aerr), Azimuth Rate (AZR), Altitude Rate (AR), Azimuth Rate Error (AZRerr), Altitude Rate Error (ARerr), Azimuth Rate Rate (AZRR), Altitude Rate Rate (ARR), Azimuth Rate Rate Error (AZRRerr), Altitude Rate Rate Error (ARRerr).

IDL 30:23:32.35:3.1, 10.70N:62.58W, hokm, mb4.1/9, mbmp4.2/14, ML3.5/5, MS2.9/3, Error ellipse: s-maj=28.3km s-min=16.7km az=172.0 FUNV 30:23:32:38.0, 10.27N:62.41W, h14km, MWV4.2 NEIC 30:23:32:38.7, 1.8, 10.20N:07.62:38W:0.09, h43km±11km, mb4.4/46, Error ellipse: s-maj=13.3km s-min=10.3km az=111.0

Table with columns: Code, Station Name, Δ° AZ, Phase ID, ISC, h, Time, Res, ISC. Includes a note: n135, s1948/158, mb4.5/31, Near coast of Venezuela.

31d Oh

ISK 31 00:05:15.7, 38°18'N, 26°44'E, h5km, ML 1.6/11

AFAD 31 00:05:15.1, 0.0, 38.81N, 26.44E, h7km, 3km, ML1.7, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARB zmir-Karabur, FOCM Foa, CAND Candarli, etc.

IDC 31 00:07:56.5, 1.5, 37°54'N, 20°66'E, h0km, mb3.7/5, mbtmp3.5/8, ML3.5/2, MS3.0/7, Error ellipse: s-maj=29.7km s-min=21.9km az=98.0

ATH 31 00:07:58.6, 37°37'N, 20°58'E, h14km, 2km, ML3.6/9, Manual Solution by I, Dede This location: 2020/07/03 22:01:37 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km, Longitude uncertainty: 2 km

THE 31 00:07:59.2, 37°40'N, 20°62'E, h0km, 1km, ML3.3/14, Error ellipse: s-maj=2.9km s-min=0.8km az=234.0

ISC 31 00:07:58.8, 1.4, 37°40'N, 20°60'E, 0.05, h14km, 8km, mb3.7, 0.95/7.6, mb3.7/5, MS3.2/4, Ionian Sea

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, VLS Valsamata, etc.

2018 OCT

Table with columns: HFS, Hagfors, Time, Res. Includes stations like BELG Belogoroye, FINES Finess Array B, KIRV Kirov, etc.

IDC 31 00:11:24.7, 1.0, 23°68'N, 121°49'E, h0km, mb3.7/9, mbtmp3.8/10, ML4.1/1, MS2.9/4, Error ellipse: s-maj=35.8km s-min=19.2km az=60.0

JMA 31 00:11:27.3, 0.2, 23°7'N, 0°4', 121°6'E, 0.9, h1km, 2km, NEIC 31 00:11:27.1, 1.3, 23°7'N, 0°2', 121°46'E, 0.03, h10km, 1km, mb4.4/1, Error ellipse: s-maj=4.4km s-min=2.9km az=117.0

ASIES 31 00:11:28.1, 23°75'N, 121°40'E, h22km, ML4.3, Mw3.9, Moment Tensor Solution. Moment tensor: Scale 10^21Nm; Mn=2.87; Mw=2.45; Mx=0.42; My=0.13; Mz=4.63; Mxy=5.27; Fault plane solution: Mw=7.51249x10^21 NP1: 0.194, 82000, 875, 35000, 1.51, 41000, NP2: 0.87, 24000, 840, 87000, 1.57, 27000, Principal axes: T P1g45, 5200, 840, 8020; N P1g37, 1230; Azm206, 2260; P Azm20, 8510; Azm312, 9820

TAP 31 00:11:28.1, 23°75'N, 121°40'E, h22km, ML4.3, B

ISC 31 00:11:28.4, 0.7, 23°74'N, 121°45'E, 0.02, h2km, 3km, n197, 0.09/304, mb3.9/16, 26C, 25D, Taiwan

Main table of station data for 2018 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WARBT Fenglin Townsh, EGFH Guangfu, EGFH Shilin, etc.

2134

Main table of station data for 2134 with columns: Code, Station Name, Time, Res. Includes stations like TWT baz=330, WCS Beilang Elemen, WCS baz=307, etc.

2135

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like TWGBT Beinan, ESOZ Emei, LIOB Emei, NMLH Miaoili, etc.

2018 OCT

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like SCZT Fangliu, YOJ Yonaguni jima, SLIU Shizi, etc.

31d 0h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like G004 Tololo Observa, CO04 Tololo Observa, CO04 Los Peladeros, etc.

IDC 31 00:20:05.6:2.0,6.88N-126.81E,h0km,mb3.5/3, mbmtmp3.5/3, Error ellipse: s-maj=48.7km s-min=20.3km az=37.0, Mindanao

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like DAV Davao City (W), WRA Warramunga Arr, ASAR Alice Springs, etc.

SJA 31 00:22:11.4:0.0,7.24:24S:67.21W,h197km,5km,ML3.8, MW3.6

GUC 31 00:22:13.5:0.0,7.24:25S:67.47W,h205km,10km,ML4.2

IDC 31 00:22:14.1:1.6,23:96S:67.11W,h187km,13km,mb2.8/2, mbtmp3.7/7,MS3.1/1, Error ellipse: s-maj=29.7km s-min=18.4km az=18.0

ISC 31 00:22:12.0:0.0,4.24:25S:0.004:67.27W,0.05,h192km,8km, n35, c19757,4C,Chile-Argentina border region

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, SLA San Lorenzo, etc.

SJA 31 00:17:17.4:0.6,30:56S:72:27W,h7km,ML3.6,MW3.4

GUC 31 00:17:21.6:0.8,30:77S:71:90W,h30km,4km,ML3.5

ISC 31 00:17:16.1:4.4,30:69S:0.03:72:13W,0.07,h10km,n31, c241155, 1C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, etc.

31d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Copiapo, IPOC Station P, Vinchina, Humberstone, etc.

ATH 31 00:22:56.7, 37.39N, 20:50E, h10km, 3km, ML3.5/9, Error ellipse: s-maj=3.5km s-min=1.1km az=24.0

THE 31 00:22:56.8, 37.38N, 20:50E, h0km, 2km, ML3.5/11, Error ellipse: s-maj=2.3km s-min=0.7km az=219.0

ISC 31 00:22:57.1, 1.5, 37.40N, 0:04:20.54E, 0:04, h4km, 10km, n84, c0:86/106, Ionian Sea

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations and their parameters.

2018 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ANX, IGT, EVR, VLI, MAK, etc.

ISC 31 01:08:36.1, 4.7, 35.37N, 87.73E, h0km, mb3.9/2, mbmp3.8/7, ML3.1/5, MS3.5/31, Error ellipse: s-maj=83.9km s-min=35.6km az=19.0

NEIC 31 01:08:39.4, 1.9, 35.37N, 0:09:87.9E, 0:2, h10km, 1km, mb4.2/23, Error ellipse: s-maj=23.7km s-min=14.9km az=254.0

BUI 31 01:08:40.7, 35.61N, 87.67E, h8km, mb4.3/6, ML3.7/3, Ms4.0/Ms7.3/6.9

ISC 31 01:08:43.6, 0.9, 35.70N, 0:10:87.72E, 0:09, h35km, n66, c1:15/40, mb4.2/11, MS3.5/25, Xizang

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations and their parameters.

2136

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MA2, PETK, VRAC, GERES, GUMO, etc.

ATH 31 01:14:16.5, 37.35N, 20:53E, h8km, 1km, ML3.5/10, Manual Solution by I.Dede This location: 2020/06/25

08:58:23 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km, Longitude uncertainty: 1 km

THE 31 01:14:17.4, 37.39N, 20:58E, h0km, 1km, ML3.4/15, Error ellipse: s-maj=2.0km s-min=0.6km az=229.0

ISC 31 01:14:17.5, 1.4, 37.39N, 0:04:20.60E, 0:04, h4km, 10km, n69, c0:75/97, Ionian Sea

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations and their parameters.

31d 1h

Table with columns: ARG, AML, AML, 01 40 31.6, etc. Lists various stations and their parameters.

2018 OCT

Main table with columns: MLR, GNI, TORD, MKAR, etc. Lists stations, codes, station names, and various parameters.

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Table with columns: MKAR, ZALV, etc. Lists stations, codes, station names, and various parameters.

Table with columns: CMAr, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Chiang Mai Arr, Osh, Tokmak 2, etc.

Table with columns: ZALV, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Zalesovo Beam, Tai'an, Borovoye, etc.

Table with columns: VORR, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Voronezh, Anapa, Galich'ya Gora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTBS, KST, KURB, KURK, BVAR, ZALV, ARTI, SONM, KIRV, BRTR, MNK, ARCS, ILAR, TORO, YKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB, KURK, BVAR, ZALV, ARTI, SONM, KIRV, BRTR, MNK, ARCS, ILAR, TORO, YKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, KURBB, GDSO, MAGL, GDHS, SMRT, HUMP, GCPR, PDP, SJO, SJO, AOPR, OBIP, UUPR, PRSN, MDP, LMN, PCRV, BAUV, BBT, SDV, SCHO, SCHO, SADO, RCBR, TKL, MDT, NPG, ESDC, ESDC, FPAL, ROSC, WVL, PLAL, Z47A, Y45A, SNDB, PBMO, FRB, SAML, SFJD, BORG, TEIG, CCM, FCAR, WHAR, UALR, JANB, OTAV, OTAV, WLAR, WLAR, ETMB, ETMB, P38A, P38A, BDFB, BDFB, VILB, VILB, VILB, DBIC, DBIC.

31d 3h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like HHAR Hobbs, ARAG Araguaiana, US3A Gravelte, etc.

2018 OCT

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LOHW Teton Pass, MOOV Moose Ponds, SNOW Snow King Mountain, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SDD 31 03:46:35.8, SSSC 31 03:46:45.6, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like NYDR, GUR, LK2D, etc.

THE 31 03:56:29.1, 37.60N, 20.42E, h1km, 2km, ML3.5/14, Error ellipse: s-maj=2.5km s-min=0.5km az=233.0

ATH 31 03:56:30.4, 37.64N, 20.44E, h6km, 2km, ML3.2/13, Error ellipse: s-maj=2.8km s-min=0.9km az=40.0

ISC 31 03:56:29.5, 1.5, 37.61N, 0.04, 20.43E, 0.05, h5km, 10km, n76, c061/106, Ionian Sea

Main table for 2143 containing station data for KERI, Lithakia, Pessada-Kefalo, Ratzakli, Valsamata, etc.

Table for 2018 OCT containing station data for Kalithea, Evrytania, Loutraiki, etc.

CATAC 31 03:57:25.3, 0.6, 12.58N, 90.45W, h56km, 41km, ML3.5

SNET 31 03:57:25.6, 1.2, 12.76N, 90.42W, h20km, 8km, ML3.4

ISC 31 03:57:21.8, 2.7, 12.62N, 0.08, 90.40W, 0.1, h3km, 12km, n29, c151/149, Off coast of central America

Main table for 2018 OCT containing station data for JAYA, NUBE, UNIC, etc.

Table for 31d 4h containing station data for SWI, KMSI, BSSI, etc.

DC 31 04:01:00.7, 4.1, 26.30N, 44.08W, h0km, mb3.5/6, mbmp3.5/6, MS3/27, Error ellipse: s-maj=142.2km

ISC 31 04:01:02.1, 3.5, 26.22N, 0.8, 44.10W, 0.2, h10km, n16, Y1812/6, mb3.7/6, MS3/7, Northern Mid-Atlantic Ridge

Main table for 31d 4h containing station data for SJG, ROSC, DBIC, etc.

DC 31 04:18:55.2, 3.3, 15.91S, 176.93W, h344km, 28km, mb3.1/4, mbmp3.8/5, Error ellipse: s-maj=104.5km s-min=23.5km

ISC 31 04:18:55.4, 2.0, 16.0S, 0.7, 176.9W, 0.4, h350km, n6, c0545/6, mb3.4/4, Fiji Islands region

Main table for 31d 4h containing station data for MSVF, WRA, ASAR, etc.

UCR 31 04:19:06.9, 1.5, 7.62N, 82.48W, h0km, 64km, MW3.6

ISC 31 04:19:07.0, 0.8, 7.56N, 82.41W, h9km, 5km, MW3.6

UPA 31 04:19:05.1, 1.5, 7.61N, 0.06, 82.42W, 0.04, h5km, 11km, n42, c1512/59, 3C, South Panama

Main table for 31d 4h containing station data for LIMO, PTPM, PEDE3, etc.

DC 31 04:19:44.8, 4.9, 33.65S, 69.97W, h94km, 40km, mb3.7/3, mbmp3.7/5, Error ellipse: s-maj=135.3km s-min=24.0km

GUC 31 04:19:45.0, 0.7, 33.63S, 70.46W, h96km, 2km, ML3.8

SJA 31 04:19:47.9, 0.6, 33.30S, 70.28W, h96km, 4km, ML3.7, MW3.9

ISC 31 04:19:44.7, 0.8, 33.55S, 0.04, 70.41W, 0.04, h112km, 5km, n54, c186/68, mb3.8/3, 21C, Chile-Argentina border

31d 7h

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Residual. Includes stations like Pessada-Kefalo, Valsamata, LXRRA, etc.

KNET 31 06:41:14.2±0.4, 43.05N:74.90E, h10km, 4km, ml1.3, Error ellipse: s-maj=2.2km s-min=1.4km az=44.0

SOME 31 06:41:15.6±0.4, 43.13N:74.97E, Error ellipse: s-maj=6.3km s-min=1.5km az=173.0

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Residual. Includes stations like CHMS, CHMS, CHMS, etc.

2018 OCT

Main table with columns: Code, Station Name, Azimuth, Elevation, Time, Residual. Includes stations like TNSS, MDOK, MDOK, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Time, Residual. Includes stations like KUR06, KUR06, KUR14, etc.

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include C21K, B20K, G23K, COLA, E22K, HDA, HDA, HDA, B21K, ILAR, D22K, H24K, H24K, H24K, PAX, BMRM, HARP, K24K, N25K, N25K, E23K, E23K, GLB, RIDG, RIDG, G24K, G24K, J25K, D23K, VRDI, B22K, CRQE, F24K, TOLK, PRP, PRP, MENT, E24K, A22K, WAX, MCARA, SCRK, H25L, L26K, L26K, M26K, ISLE, C23K, C23K, J26L, J26L, MESA, D24K, M27K, M27K, F25K, CTG, C24K, C24K, I26K, L27K, B27K, B27K, K27K, E25K, E25K, G26K, BVCY, PINM, F26K, D25K, D25K, YUK3, O28M, EGAK, EGAK, I27K, YUK8, BCPM, PNL, PNL, H27K, G27K, C26K, DAWY, O29M.

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include O29M, YUK4, I28M, I28M, YUK6, C27K, C27K, M29M, M29M, E27M, L29M, L29M, P29M, P29M, HYT, HYT, F28M, I29M, I29M, K29M, K29M, P30M, D27M, D27M, M30M, E28M, PLBC, G29M, O30N, J30M, N31M, MAYO, I30M, EPYK, EPYK, E29K, D28M, SKAG, WHY, G30M, F30M, H31M, P32M, P32M, G31M, G31M, P33M, P33M, F31M, INK, Q32M, Q32M, CRAG, R33M, R33M, S34M, V35K, DLBC, T35M, T35M, WTLY, LIRD, A36M, A36M, C36M, TOAD, KOTAN, MJAR, YKA, KRSR, PNTR, PNTR, NVAR, YHL, ELK, SONM, R11B, SPR3, PD31, PDAR, PDAR, GSC, SPITS, SPITS, N23A, T25A, ARCES, ARCES, KURBB.

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include MKAR, TX31, TX31, TXAR, TXAR, BVAR, FINES, L61B, CMAR, AKASG, WRA, ASAR, GSPA, MAW, IDC 31 07:36:25.54,0,16.99S,177.04W, h601km, mb2.73, mbtm3.8/4, Error ellipse: s-maj=946.2km s-min=143.2km az=79.0, Fiji Islands region, MSVF, STKA, WRA, ASAR, IDC 31 07:37:13.8,0,6.26S,67.80E, h0km, mb4.0/14, mbtm4.0/14, Error ellipse: s-maj=22.1km s-min=16.7km az=99.0, IDC 31 07:37:15.4,0,7.26S,071.678E,0.2, h10km, n20, s=0844/14, mb4.1/14, Indian Ocean Triple Junction, H08S1, H08S2, H08S3, H04N2, H04N1, H04N3, BOSA, MAW, CMAR, SNA4, ASAR, WRA, GSPA, BRTR, MKAR, TORD, KURBB, ZALV, SONM, AKASG, IDC 31 07:44:52.4,1.4,6.57N,126.79E, h196km, 12km, mb3.3/10, mbtm3.9/10, Error ellipse: s-maj=40.9km s-min=13.6km az=71.0, IDC 31 07:44:52.5,1.0,6.5N,126.7E,0.2, h200km, n11, s=086/12, mb3.7/10, Mindanao, DAV, DAV, WRA, ASAR, USRK, SONM, MKAR, ZALV, BVAR, NRIK, ILAR, IDC 31 07:47:01.1,2,1.37S,25N,141.73E, h0km, mb3.6/4, mbtm3.5/5, ML2.6/1, MS3.8/3, Error ellipse: s-maj=42.5km s-min=28.4km az=73.0, NIED 31 07:47:04.8,37.28N,141.50E, h26km, MW3.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm;

Mn-1.15; Mso0.60; Mso0.56; Mso0.95; Mso0.56; Mso0.67; Fault plane solution: M0.163000x10^14 NP1: ...

lambda 174.00000; NP2: lambda 183.00000; delta 84.00000; lambda 2.00000; Principal axes: T 4.0950, Pg 0.0000, Azm 47.0000; ...

HNS comp=Z,130nm,1.0s pmax pmax HNS comp=Z,24um,11.3s LR LR HNS comp=Z,2um,10.8s LR LR

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like JFK Kawachi, JFJ Iwakimizuishiy, ONAJ Minakusumatomoc, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like PZH PanZhiHua, PZH PZH, PZH comp=N,17um,0.8s, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like BTO Baotou, BTO BTO, BTO BTO, etc.

IDC 31 08:01:37.5:2.1, 18:105x179:17W, h591km, 14km, mb3.1/4, mbmp4.1/5, Error ellipse: s-maj=37.9km s-min=30.2km az=34.0

ISC 31 08:01:36.9:1.8, 18:0S:0:3:178:1W:0:2, h590km, n7, o0558/9, mb3.7/4, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like MSVF Nonsava, MSVF 59nm,0.7s, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like XAN XAN, XAN XAN, XAN XAN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like BJT Baijiatuuu, BJT Baijiatuuu, BJT Baijiatuuu, etc.

IDC 31 08:23:11.6:1.4, 4:21S:153:26E, h0km, mb4.0/6, mbmp4.0/6, MS3.8/2, Error ellipse: s-maj=67.5km s-min=24.8km az=108.0

ISC 31 08:23:18.7:1.3, 4:25S:0:2:153:2E:0:5, h50km, n15, o052/7, mb3.8/6, New Ireland region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like WRA Warramunga Arr, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like GOMU GOMU, GOMU GOMU, GOMU GOMU, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

BUI 31 08:29:56.9:27.62N:102:09E, h20km, mb5.0/65, MB5.1/36, ML5.3/18, Ms5.1/79, Ms7.4/776

BGR 31 08:29:57.5:26:67N:101:95E, h33km, mb5.4, Ms4.4, MOS 31 08:29:57.6:0.9, 27:73N:102:26E, h33km, mb5.2/76, MS4.4/11, Error ellipse: s-maj=5.8km s-min=3.7km az=119.6

NEIC 31 08:29:58.9:2.5, 27:79N:0:07:102:22E:0:07, h24km, 4km, mb5.1/247, Error ellipse: s-maj=9.9km s-min=9.5km az=172.0

IDC 31 08:29:58.5:2.5, 27:75N:102:30E, h29km, 16km, mb4.4/36, mbmp4.6/37, ML4.4/1, MS4.2/60, Error ellipse: s-maj=12.8km s-min=10.5km az=45.0

GCMT 31 08:29:58.9:0.2, 27:71N:0:01:102:18E:0:01, h29km, MW5.0/108, Moment Tensor Solution. s42, C49; s108, c150; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:0.01±.15; Mso:0.35±.10; Mso:0.34±.11; Mso:0.41±.15; Mso:4.05±.09; Mo:0.13±.17; Best double couple: Mo:4.08800x10^16 NP1: lambda 92.00000; delta 88.00000;

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like GTA Gaotai, GTA Gaotai, GTA Gaotai, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, ISC. Rows include stations like INCN Incheon, INCN Incheon, INCN Incheon, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal. Includes stations like RAYN, FITZ, MBWA, PAA00, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal. Includes stations like MNK, FINES, MI28, LUBAR, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Signal. Includes stations like MAUC, MORC, JAVC, MORH, etc.

31d 8h

CLL	Collm	68.37	318	P	P	08 40 57.7	-0.1
D20K	Etivluk River	68.38	23	P	P	08 40 57.7	+0.1
M13K	Dall Lake	68.41	32	P	P	08 40 57.8	+0.1
L14K	Kuka Creek	68.42	31	Iamb	Iamb	08 41 06.2	
L14K	Kuka Creek	68.42	31	P	P	08 40 57.4	-0.5
H17K	Granite Mounta	68.45	27	Iamb	Iamb	08 41 05.9	
H17K	Granite Mounta	68.45	27	P	P	08 40 57.4	-0.6
I17K	Unalakleet	68.48	28	P	P	08 40 57.9	-0.2
KRES	Cresnjevce Ost	68.50	31	i P	P	08 40 59.0	+0.3
KMBO	Kilmea Mbogo	68.51	257	P	P	08 41 00.9	+1.4
KMBO				LR	LR	09 13 08.3	
SOKA	Soboth	68.51	312	eP	P	08 40 58.9	+0.1
E19K	Redstone River	68.61	24	Iamb	Iamb	08 41 07.0	
E19K	Redstone River	68.61	24	P	P	08 40 58.4	-0.6
G18K	Tagagawik	68.62	26	P	P	08 40 58.7	-0.4
F19K	Shaleruckik Mo	68.63	25	Iamb	Iamb	08 41 06.3	
F19K	Shaleruckik Mo	68.63	25	P	P	08 40 58.9	-0.2
K15K	Wolf Creek Mou	68.64	30	P	P	08 40 58.9	-0.3
MOA	Molin	68.65	314	eP	P	08 40 59.7	+0.1
KHC	Kasperske Hory	68.69	315	Iamb	Iamb	08 41 06.8	
KHC	Kasperske Hory	68.69	315	eP	x	08 41 01.0	+1.2
KHC	Kasperske Hory	68.69	315	eP	x	08 41 04.5	
KHC	Kasperske Hory	68.69	315	eP	pmax	08 41 00.2	+0.4
KHC	Kasperske Hory	68.69	315	P	pmax	08 40 59.7	-0.1
E20K	Nigu River	68.69	23	P	P	08 40 59.1	-0.4
GE2C	GERESS Array S	68.70	315	Iamb	Iamb	08 41 06.9	
GE2C	GERESS Array S	68.70	315	eP	P	08 41 00.6	+0.7
GE2C				eL		09 13 16.1	
GERES	GERESS Array B	68.70	315	P	P	08 41 00.1	+0.1
GERES				LR	LR	09 13 27.1	
B21K	Ikpiukuk River	68.71	21	P	P	08 40 60.0	+0.4
J16K	Anvik River	68.72	29	P	P	08 40 59.9	+0.2
PKDS	Podkum	68.73	312	i P	P	08 41 00.3	+0.2
B22K	Teshkupuk Lake	68.81	21	P	P	08 41 00.2	+0.1
C21K	Kniefblad Rid	68.83	22	P	P	08 41 00.5	+0.1
GORT1	Trebel	68.85	320	eP	P	08 41 01.9	+1.3
L15K	Ungalak Mounta	68.86	31	P	P	08 41 00.9	+0.3
M14K	Bethel	68.95	32	P	P	08 41 00.9	-0.3
TANN	Tannenbergshta	68.97	317	eP	P	08 41 01.9	+0.3
H18K	Honhosa River	69.00	27	P	P	08 41 01.5	+0.1
FLTG	Flechtingen	69.10	319	eP	P	08 41 02.5	+0.3
BIOA	Bad Ischl, Aus	69.10	314	eP	P	08 41 03.0	+0.6
BSEG	Bad Segeberg	69.11	321	eP	P	08 41 03.7	+1.4
BSEG				eL		09 13 02.2	
WET	Wetzell	69.12	315	eP	P	08 41 03.2	+0.7
WET				eL		09 11 51.4	
G19K	Purcell Mounta	69.14	25	Iamb	Iamb	08 41 38.9	
G19K	Purcell Mounta	69.14	25	P	P	08 41 02.8	+0.5
NEUB	Neuenburg	69.14	318	eP	P	08 41 03.2	+0.7
PLN	Plauen	69.14	317	eP	P	08 41 03.1	+0.5
F20K	Avaraart Lake	69.30	24	Iamb	Iamb	08 41 10.3	
F20K	Avaraart Lake	69.30	24	P	P	08 41 03.4	+0.1
J17K	VABM Dome	69.32	28	Iamb	Iamb	08 41 11.4	
J17K	VABM Dome	69.32	28	P	P	08 41 02.8	-0.6
MANZ	Manzenberg	69.33	316	eP	P	08 41 04.8	+1.0
ROTZ	Rotzenmuhle	69.34	316	eP	P	08 41 04.9	+1.1
N14K	Kuskokwak Cree	69.35	32	P	P	08 41 03.6	-0.1
E21K	Kilikil River	69.38	23	P	P	08 41 03.5	-0.3
MOX	Moxa	69.41	317	eP	P	08 41 04.8	+0.5
MOX				eL		09 12 38.1	
MYKA	Terra Mystica	69.44	313	eP	P	08 41 04.4	-0.2
KBA	Koelnbreinsper	69.49	313	eP	P	08 41 04.8	-0.2
M15K	Kasigluk River	69.56	31	P	P	08 41 04.1	-0.9
H19K	Roundabout Mou	69.61	26	P	P	08 41 04.5	-0.7
D22K	Ayikyak River	69.64	22	P	P	08 41 05.0	-0.4
NRDL	Niedersach Rie	69.70	319	eP	P	08 41 06.9	+1.1
GCSA	Galena City Sc	69.73	27	P	P	08 41 05.2	-0.7
DAG	Danmarks Havn	69.74	348	i P	Iamb	08 41 05.3	-1.5
DAG				Iamb	Iamb	08 41 11.3	
L16K	Ohwat River	69.75	30	P	P	08 41 05.8	-0.3
CLZ	Clausthal	69.76	319	eP	P	08 41 07.1	+0.6
O14K	Tiguyauvet M	69.78	33	P	P	08 41 05.9	-0.4
LESA	Schwarzleotal	69.80	314	eP	P	08 41 07.0	+0.2
K17K	Uttarod	69.90	29	P	P	08 41 07.1	0.0
C23K	Ikilikil River	69.90	21	P	P	08 41 06.7	-0.2
GRF	Grafenberg Arr	69.96	316	eP	P	08 41 09.0	+1.3
GRF				eL		09 13 30.6	
N15K	Kwethluk River	70.02	32	P	P	08 41 07.7	-0.1
F21K	Alatina River	70.04	24	Iamb	Iamb	08 41 15.5	
F21K	Alatina River	70.04	24	P	P	08 41 07.8	-0.1
GTG	Gottging	70.10	318	eP	P	08 41 08.8	+0.4
L17K	Donlin	70.11	30	P	P	08 41 08.7	-0.1
HTT	Hallett	70.13	148	P	P	08 41 08.7	-0.1
ABTA	Abfaltersbach	70.13	313	eP	P	08 41 08.2	-0.7
STKA	Stephens Creek	70.18	145	P	P	08 41 08.7	-0.4
STKA	Stephens Creek	70.18	145	P	P	08 41 08.3	-0.8

2018 OCT

FALS	False Pass	70.20	38	P	P	08 41 08.9	-0.1
H20K	Antoleneega Mo	70.22	26	P	P	08 41 09.1	+0.1
M16K	Timber Creek	70.23	31	P	P	08 41 09.1	0.0
E22K	Anaktuvuk Pass	70.24	22	Iamb	Iamb	08 41 22.3	
E22K	Anaktuvuk Pass	70.24	22	P	P	08 41 09.0	-0.1
D23K	Nanushuk River	70.26	22	Iamb	Iamb	08 41 25.8	
D23K	Nanushuk River	70.26	22	P	P	08 41 08.8	-0.3
J18K	Innokko River	70.29	28	Iamb	Iamb	08 41 17.4	
J18K	Innokko River	70.29	28	P	P	08 41 09.3	-0.1
G21K	Allakaket	70.32	24	Iamb	Iamb	08 41 17.1	
G21K	Allakaket	70.32	24	P	P	08 41 09.4	-0.2
F22K	John River	70.38	23	P	P	08 41 09.6	-0.4
JMJC	Jan Mayen	70.42	341	LR	LR	09 14 56.1	
FUR	Furstenfeldbru	70.44	315	eL	L	09 12 55.6	
IMAR	Imangalintai	70.45	25	P	P	08 41 09.6	-0.8
O15K	Ungalikhtik R	70.50	33	P	P	08 41 10.6	-0.2
N16K	Nishilik Lake	70.52	31	P	P	08 41 10.9	0.0
WTTA	Wattenberg	70.52	314	eP	P	08 41 11.1	-0.2
J19K	Poorman	70.53	27	Iamb	Iamb	08 41 19.4	
J19K	Poorman	70.53	27	P	P	08 41 11.1	+0.3
WATA	Wataraim	70.54	314	eP	P	08 41 12.3	+0.9
C24K	Franklin Bluff	70.55	20	Iamb	Iamb	08 41 21.6	
C24K	Franklin Bluff	70.55	20	P	P	08 41 10.6	-0.3
S12K	Black Hills	70.63	37	P	P	08 41 11.9	+0.3
ABPO	Ambohimpnom	70.65	235	P	P	08 41 11.8	-0.6
ABPO	Ambohimpnom	70.65	235	P	pmax	08 41 11.8	-0.6
I20K	Naagedeneel	70.66	26	P	P	08 41 11.8	+0.2
EIDS	Eidsvold	70.75	134	P	P	08 41 12.9	+0.2
EIDS	Eidsvold	70.75	134	P	Iamb	08 41 22.4	
EIDS	Eidsvold	70.75	134	P	P	08 41 12.9	+0.2
TOLK	Toolik Lake Re	70.76	22	Iamb	Iamb	08 41 21.3	
TOLK	Toolik Lake Re	70.76	22	P	P	08 41 12.2	-0.1
D24K	Happy Valley	70.77	21	Iamb	Iamb	08 41 21.2	
D24K	Happy Valley	70.77	21	P	P	08 41 12.3	0.0
M17K	Hollis River	70.77	30	P	P	08 41 13.1	+0.7
L18K	Granite Mounta	70.78	29	P	P	08 41 13.1	+0.7
TTA	Tatalina	70.79	28	P	P	08 41 13.2	+0.6
SQTA	Sankt Quirin	70.81	314	eP	P	08 41 12.8	-0.2
MOTA	Moosalm	70.84	314	eP	P	08 41 12.9	-0.4
G22K	Bettles	70.87	24	P	P	08 41 13.3	+0.5
H21K	Melozitna Rive	70.94	25	Iamb	Iamb	08 41 21.8	
H21K	Melozitna Rive	70.94	25	P	P	08 41 13.9	+0.5
RETA	Reutte	71.00	314	eP	P	08 41 15.2	+1.0
E23K	Chandalar	71.02	22	Iamb	Iamb	08 41 21.6	
E23K	Chandalar	71.02	22	P	P	08 41 14.1	+0.2
J20K	Nowinta River	71.05	27	Iamb	Iamb	08 41 22.6	
J20K	Nowinta River	71.05	27	P	P	08 41 14.1	+0.1
O16K	Kokwok River B	71.17	32	P	P	08 41 14.8	0.0
FETA	Feichten	71.19	314	eP	P	08 41 15.5	+0.1
COLD	Nudfoot	71.19	23	P	P	08 41 14.3	-0.6
N17K	Nushagak Hills	71.22	31	Iamb	Iamb	08 41 24.2	
N17K	Nushagak Hills	71.22	31	P	P	08 41 15.2	0.0
H22K	Ishlitalina Cre	71.37	25	P	P	08 41 15.8	-0.2
E24K	Your Creek	71.38	22	Iamb	Iamb	08 41 23.9	
E24K	Your Creek	71.38	22	P	P	08 41 16.0	-0.1
K20K	Telida	71.42	28	Iamb	Iamb	08 41 24.6	
K20K	Telida	71.42	28	P	P	08 41 16.6	+0.2
P16K	Nushagak River	71.44	33	P	P	08 41 16.6	+0.1
M18K	Stony River	71.45	30	P	P	08 41 16.5	0.0
D25K	Kavik River	71.46	20	Iamb	Iamb	08 41 30.4	
D25K	Kavik River	71.46	20	P	P	08 41 16.6	+0.2
I21K	Tanana	71.46	25	Iamb	Iamb	08 41 25.2	
I21K	Tanana	71.46	25	P	P	08 41 17.0	+0.5
TNS	Taunus Mts	71.46	317	eP	P	08 41 17.3	+0.4
TNS				eL		09 14 19.6	
G23K	Bananza Creek	71.49	24	Iamb	Iamb	08 41 24.4	
G23K	Bananza Creek	71.49	24	P	P	08 41 16.8	0.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Palmer, Doyon Strip, La Plagne, Sitkinik Isian, Susitna Watana, Old Crow, Old Harbor, Bradley Lake S, Donnelly Dome, Sawmill, Blow River, Kodiak Island, Kodiak Island, Kodiak Island, Kodiak Island, Cooper Landing, Coal Creek Min, Knik Glacier, Knik Glacier, Steamboat Mount, Glacier View, Seward, Independent Ri, Independent Ri, Sheep Creek Mo, Sheep Creek Mo, Joseph Creek, Joseph Creek, Port Wells, Kandik River, Paxson, Sand Creek, Tolsona, Sachs Harbour, Pine Creek, Pine Creek, HAARP, Glacier Island, Eagle, Klutina, Barrier River, Miner Creek, Signal de Mont, Whitestone, Chicken, Mentasta, Eskdalemuir Ar, Thule, Montague Isian, Log Cabin Wild, Inuvik, Inuvik, Inuvik, Inuvik, Aoh Zraii Nij, Aoh Zraii Nij, Chitina, Valde, Chitina, Valde, Eagle Plains, Cordova Ski Ar, Ogilvie Camp, Nabesna, AK, Nabesna, AK, Tsigitcheic, Tsigitcheic, Beaver Creek, Beaver Creek, Beaver Creek, Summit, Summit, Bremner River, Gilahina Butte, Satah River, Dawson, Edge Creek, Edge Creek, Verde Repeater, McCarthy VSAT, Mount Dempster, Kullors Island, Kullors Island, Beaver Creek.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kayak Island, Cirque, Resolute Bay, Peel River, Peel River, Hart River, Barlow Dome, Barlow Dome, Paulutuk, Paulutuk, Moose Creek, L29M, L29M, Chitina Glacier, Chitina Glacier, Chitina Glacier, Chitina Glacier, Mayo, Mayo, Mayo, Mayo, Mount Upton, La Freleste, Minto, Yukon, Talbot Arm, Upernavik, Upernavik, Pinnacle, Outpost Mounta, Aishik Lake, Mount Kennedy, Peninsula, Haines Junctio, Mont Dumac, Greenland Ices, Braeburn, Yuko, Braeburn, Yuko, Drury Creek, Y Mendenhall, Faro, Faro, Million Dollar, Windy Craggy, Whitehorse, Pleasant Camp, Quiet Lake, Skagway, Skagway, Teshi, Yukon, City Hall, Gus, Pelican, Eaglecrest, Nakina River, Sitka, Jennings River, Jennings River, Watson Lake, Y, Dye2, Dye2, Kangerlussuaq, Kangerlussuaq, Kangerlussuaq, Telegraph Cree, Dease Lake, Dease Lake, Dease Lake, Watson Lake, Watson Lake, Liard River Hi, Bob Quinn, Toad River Com, Yellowknife Ar, Yellowknife Ar, Middelt, Froisher Bay, Gelatita, Lobatse, Boshq, Boshq, Boshq, Torod Ar, Bea, Newport, Schefferville, Sutherland, Yreka, Yreka, Mawson, Papeete2, South Pole Qui.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like South Pole Qui, Lajitas Aray, Nuku Hiva Isla, Trol, Antarti, Snaa, Snaa, Snaa, Snaa, Snaa, VNA2, VNA2, VNA1, VNA1, VNA3, VNA3, BELA, BOAV, ROSE, BDFB, MACA, SAML, SAML, PLCA.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MARNC, PINNC, LIFNC, YATNC, OUENC, DZM, ONTNC, NOUC, DVP, KOUNC.

JMA 31 08:37:34.9, 0.4, 44°N, 122°14'8"E, h12km, MV3.5/17, SE OFF ETOROFU

SKHL 31 08:37:35.0, 0.2, 44°30'N, 148°00'E, h60km, 9km, mb4.5/2

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KUR, KUR, KUR, KUR, YUK, YUK, YUK, YUK, NEM2, NEM2, JRA, JRA, JNS, JNS, JAK, JAK, JAR, JAR, JCH, JCH, JNBK.

IDC 31 08:38:16.0 ± 1.9, 54°59'N, 83°74'E, h0km, mbtmp3.1/2, ML2.2/1, Error ellipse: s-maj=17.2km s-min=11.5km az=12.0, Southwestern Sibia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I46RU, ZALV, ZALV, MKAR, BVAR.

IDC 31 09:03:08.6 ± 1.3, 37°60'N, 20°66'E, h0km, mb3.8/9, mbtmp3.8/11, ML2.4/2, Error ellipse: s-maj=27.7km s-min=22.5km az=60.0

THE 31 09:03:11.2, 37°37'N, 20°57'E, h0km, 1km, ML3.8/14, Error ellipse: s-maj=2.1km s-min=0.6km az=231.0

ATH 31 09:03:11.5, 37°40'N, 20°62'E, h1km, 2km, ML3.7/12, Error ellipse: s-maj=3.3km s-min=1.1km az=29.0

TIR 31 09:03:12.7, 37°42'N, 21°69'E, h23km, 1km, M13.6

BEO 31 09:03:14.1 ± 0.8, 37°60'N, 20°45'E, h10km, ML3.4/11

ISC 31 09:03:11.4 ± 0.8, 37°40'N, 20°04'E, h22km, 4km, n122, 1592/150, mb3.8/9, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KR1, KR1, LTHK, LTHK, LTHK, LTHK, RTZL, RTZL, PSDA, PSDA, PSDA, VLS, VLS, VLS, VLS, LXR, LXR, LXR, LXR.

31d 9h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like DMLN Damouliana-K, DMLN Damouliana-K, DMLN Damouliana-K, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like ANOYIA, ANOYIA, ANOYIA, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like TUL3 Leonard, W35A Tecumseh, W35A Tecumseh, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include UNGALIKTHIUK R, CONTACT CREEK, NUSAGAK RIVER, ANCK ANGLE CREEK, ANCHA ANGLE CREEK HE, etc.

AEIC 31 10:00:24.7-0.7, 53.7N-0.2-166.0W-0.2, h72km, 9km, Error ellipse: s-maj=26.6km s-min=4.4km az=151.0

NEIC 31 10:00:25.3-0.6, 53.7N-0.4-166.0W-0.3, h70km, 26km, ML2.5(AEIC), Error ellipse: s-maj=58.9km s-min=4.4km az=150.0, Fox Islands

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include UNV UNALASKA VALLE, AKMO AKUTAN MORGAN, ZRO AKUTAN ZERO, etc.

IDC 31 10:03:48.1-5.4, 37.52N-72.01E, h126km, 47km, mb3.8/4, mbmp3.9/10, Error ellipse: s-maj=51.8km s-min=39.7km az=127.0

ISC 31 10:03:48.5-1.6, 37.52N-72.01E, h109km, n12, 1586/16, mb4.2/4, 2C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include AAK ALA-ARCHA, KK31 KARATAY ARRAY, TKM2 TOKMAK 2, etc.

SJA 31 10:08:26.8-1.1, 29.17S-72.92W, h10km, ML3.6, MW3.5, IDC 31 10:08:31.4-1.0, 29.16S-72.45W, h0km, mb3.5/4, mbmp3.7/8, ML3.5/4, Error ellipse: s-maj=38.2km s-min=28.4km az=95.0

GUC 31 10:08:35.5-0.8, 29.30S-72.44W, h31km, 3km, ML3.7, IDC 31 10:08:31.8-0.7, 29.16S-72.44W-0.05, h10km, n45, 1594/63, mb3.6/4, 9C, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include CO05 LA SERENA, LCO LAS CAMPANAS, AC04 LLANOS DE CHAL, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include EI TRANSITO, JUNTAS DEL ORO, EL PEDREGAL, COPIAPO, MINA CASIMIRO, AROD RODEO, CUESTA DEL VIE, LOS PELADEROS, CERRO CORONEL, PAN DE AZUCAR, VINCHINA, LEONCITO, SAN ESTEBAN, EI ROBLE, ZONDA, USPALLATA, CERRILLO VERDE, EL ROLLO, SALAGASTA, MINA GUANACO, CERRO LA CRUZ, HORCO MOLLE, JUAN FERNANDEZ, H03N2, H03N3, LIMON VERDE, PASO FLORES, LA PAZ, SAN IGNACIO, PINEDALE ARRAY, MINA ARRAY BEA, WARRAMUNGA ARR, KURBEB KURCHATOV ARR, ZALV ZALESOVO BEAM, MKAR MAKANCHI ARRAY, etc.

ATH 31 10:18:37.37-37.41N-20.50E, h8km, 1km, ML3.6/11, Error ellipse: s-maj=2.6km s-min=0.9km az=46.0

IDC 31 10:18:38.9-1.6, 37.99N-20.86E, h0km, mb3.8/8, mbmp3.7/12, ML3.8/2, MS2.9/2, Error ellipse: s-maj=28.7km s-min=22.2km az=34.0

THE 31 10:18:38.5-37.44N-20.53E, h0km, 2km, ML3.7/11, Error ellipse: s-maj=2.5km s-min=0.6km az=229.0

NAO 31 10:18:46.4, 37.54N-20.63E, h10km, mb3.9, IDC 31 10:18:36.8-1.6, 37.43N-20.04-20.52E-0.05, h7km, n10km, n78, 15106/95, mb3.8/8, Ionian Sea

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include KRI1 KERI, LTHK LITHAKIA, LTHK LITHAKIA, RTZL RATZAKLIE, PSDA PESSADA-KEFALO, VLS VALSAMATA, VLS VALSAMATA, VLS VALSAMATA, etc.

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include RLS RIOLOS OF PATR, RLS RIOLOS, RLS VASILIKIADIS, FSK FISKARDO, DRO DROSSIA, PYL PYLOS, PYL PYLOS, PYL PYLOS, etc.

TIR 31 10:25:07.2-37.16N-20.56E, h11km, 3km, M4.1, IDC 31 10:25:09.4-0.8, 37.16N-20.95E, h0km, mb3.9/12, mbmp3.8/19, ML3.5/5, MS3.4/7, Error ellipse: s-maj=17.7km s-min=13.7km az=159.0

MOS 31 10:25:10.2-1.3, 37.32N-20.87E, h16km, mb4.3/11, Error ellipse: s-maj=9.5km s-min=3.7km az=76.4

31d 12h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ITQB Itaqui, AC05 El Transito, SNA05 Sanae, etc.

2018 OCT

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like OTAV Otavalo, BOAV Boa Vista, SUR Sherland, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MIAR Mount Ida, WHAR Woolly Hollow, U49A Red Boiling Sp, etc.

31d 14h

Table with columns: CHNS, Tsauling, 2.00 258 eP, Pb, 13 49 12.8 -0.8, etc.

DJA 31 14:14:48.6,0.4,8'S;4°12'0E, h163km,6km, M3,7/13, mb3.8,MLV3,7/13

ISC 31 14:14:47.6,0.9,8.32S;0.06x119.67E:0.05,h170km,n16, 193/25, Flores region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc.

SNET 31 14:26:47.9,1.1, 12°90N-90°91W, h14km,7km, ML3.6

CATAC 31 14:26:50.3,0.9, 12°93N-90°68W, h9km,7km, ML3.7

ISC 31 14:26:50.6,2.2, 12°95N-90°78W, 0.06,h28km,n16km, n32, 195/40, Off coast of central America

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc.

2018 OCT

Table with columns: CNCH, Conchagua, 2.89 83 i P, Pn, 14 27 35.6 +0.7, etc.

KRSC 31 14:44:48.2,1.6, 52°68N;160°73E, h24km,21km, M4.1

ISC 31 14:44:50.4,1.5, 52°72N;160°58E:0.06,h25km,10km, n10, 187/125, mb3.8/6, Off east coast of Kamchatka

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc.

2164

Table with columns: KLR, Kul'dur, 18.43 271 LR, LR, 14 55 41.1, etc.

ARCES ARCESS Array B 53.73 342 P, Pmax, 14 54 08.9 -0.8

CMAR Chiang Mai Arr 58.40 259 P, P, 14 54 44.3 +0.4

FINES FINES Array B 60.58 337 P, P, 14 54 57.1 -0.9

FINES FINES Array B 60.58 337 eP, Pmax, 14 54 58.0 -0.1

WRA Warrungarra Arr 75.87 205 P, P, 14 56 34.1 -0.2

ASAR Alice Springs 79.54 205 P, P, 14 56 55.5 +0.8

ISC 31 14:46:34.6,0.8, 42°15N;85°84E, h0km, mb3.8/10, mbmp3.7/15, ML3, 1/4, MS2, 1/1, Error ellipse: s-maj=19.6km s-min=11.1km az=49.0

NNC 31 14:46:40.8,1.1, 42°68N;85°53E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=8.7km s-min=4.8km az=131.0

ISC 31 14:46:38.2,0.8, 42°52N;077-85.89E:0.06,h22km,n34, 198/37, mb3.8/9, 6C-8D, Northern Xinjiang

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, AKTO Aktuyubinsk, CMAR Chiang Mai Arr, etc.

IDC 31 15:48:15.0-8.2, 31.179S; 179.81E, h294km, 55km, mb3.5/5, mbtmp4.1/6, Error ellipse: s-maj=86.7km s-min=17.5km az=44.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, STKA Stephens Creek, WRA Warramunga Arr, etc.

THE 31 15:40:39.0, 37.43N; 20.84E, h14km, 2km, ML2.8/6, Error ellipse: s-maj=3.7km s-min=0.7km az=273.0

ATH 31 15:40:39.0, 37.42N; 20.87E, h6km, 2km, ML2.6/11, Error ellipse: s-maj=4.2km s-min=1.5km az=229.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRII KERI, LTHK Lithakia, RTZL Ratzakli, Kefa, etc.

NNC 31 15:41:37.1-3.8, 41.06N; 77.81E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=26.1km s-min=21.9km az=171.0

KRNET 31 15:41:39.0, 41.29N; 78.22E, h19km, mb2.7

SOME 31 15:41:39.5, 41.20N; 77.95E, h0km

ISC 31 15:41:42.2, 41.32N; 0.09; 78.03E; 0.06, h14km, 15km, n21, c1982/31, 10C-6D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDJ Kajiasy, PRZ Przeval'sk, NRN Naryn, etc.

IDC 31 15:48:22.9-1.1, 37.72N; 20.81E, h0km, mb3.8/12, mbtmp3.7/16, ML3.7/2, MS2.6/1, Error ellipse: s-maj=20.2km s-min=19.2km az=53.0

NEIC 31 15:48:23.3-2.0, 37.41N; 0.07; 20.49E; 0.05, h10km, 2km, mb4.3/3, Error ellipse: s-maj=12.6km s-min=4.3km az=156.0

ATH 31 15:48:23.1, 37.34N; 20.49E, h11km, 1km, ML3.6/19, Manual Solution by A. Papaioannidis. This location: 2020/07/08 08:27:50 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees

Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 31 15:48:24.4, 37.36N; 20.56E, h7km, 1km, ML3.6/12, Error ellipse: s-maj=2.0km s-min=1.0km az=51.0

ISC 31 15:48:24.4, 37.41N; 0.04; 20.56E; 0.03, h23km, 8km, n85, c1946/118, mb3.8/14, 4C-6D, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRII KERI, LTHK Lithakia, RTZL Ratzakli, etc.

ISC 31 16:29:53.5-1.7, 32.69S; 178.81W, h0km, mb3.7/4, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=47.0km s-min=28.3km az=49.0

ISC 31 16:30:01.4, 32.95S; 179.1W; 0.2, h45km, n13, c0984/8, mb3.6/4, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NYDR Nydri-Lefkada, KDJ Lefkada island, KALV Kalavryta, Ach, etc.

VI 31 15:48:35.5-0.4, 47.28N; 15.68E, h0km, mb0.1/1, m0.9/1, Error ellipse: s-maj=4.8km s-min=1.4km az=147.0

Suspected lightning explosion, Austria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSA Arzberg, ARSA Arzberg, etc.

BEO 31 15:48:56.7-0.5, 42.70N; 20.14E, h9km, 8km, ML1.3/7, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJES Sjenica, PDG Podgorica, etc.

IDC 31 16:29:53.5-1.7, 32.69S; 178.81W, h0km, mb3.7/4, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=47.0km s-min=28.3km az=49.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, etc.

31d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GSPA, SNAA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, FINES, TORD.

SOME 31 16:32:33.9, 44.03N; 78:75E, h10km
NMC 31 16:32:33.0, 0.3, 44.02N; 78:80E, h0km, mb3.6, mpv3.8,
Error ellipse: s-maj=2.0km s-min=1.5km az=16.0

Main table for 31d 17h section, listing various stations and their parameters. Includes stations like KPKS, ARXS, KURS, DJR, PDGK, ZHN, UZB, TDK, SATY, SHLS, CHKK, KAPS, MDOK, KTBS, KNDC, AAA, TNS5, KU, ASAR, WRA, QSPA.

2018 OCT

Main table for 2018 OCT section, listing various stations and their parameters. Includes stations like MTBS, KRBS, KST, TKM2, MAK2, MK31, MRSI, APSI, LUWI, KMSI, SANa, FITZ, WRA, ASAR, SONM, MKAR, PLAI, SRBI, DNP, JAGI, GMJI, BSI, BKSI, PWJI, PCJI, MMRI, BATI, SOEI, RAO, GLKZ, MSVF, MXZ, PKGZ, PUZ, RUGZ, MWZ, URZ, URZ, MUGZ, RTZ, RAHZ, NMHZ, BKZ, ETVZ, PKZ, PRHZ, ASAR, WRA, QSPA.

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Main table for 2166 section, listing various stations and their parameters. Includes stations like ESDC, WEL 31, APPS, IFFS, INZ, CSHS, LTZ, OXZ, MWZ, WAZ, MCQZ, GCSZ, ARUZ, OKAZ, AKCZ, KHZ, THZ, FOZ, TMZ, MRNZ, LBZ, TKNZ, NNZ, QZ, TUWZ, ODZ, JCZ, TCW, DUWZ, WKZ, EAZ, KIW, PAWZ, MSZ, OGWZ, TUZ, MLZ, PKE, VRZ, FWZ, NGZ, NNWZ, KRHZ, KRWZ, KWHZ, KAHZ.

Table with columns for station ID, name, frequency, and other details. Includes stations like APO2, RASA7, ALLN, USIM, TISN, UNAN, ENAN, MGA1, R4DEC, MGAN, R0529, BRAN, WILN, MAS3, SABN, MASN, NANN, CNCH, LIMN, NADN, CNRM, BLLM, BOAB, CAHU, TGHU, LCRUZ, ACON, VORI, VRLE, SNET, BOQS, HORNC, COLC, CUI, BAGA, JAVA, VERA, ESPN, JTS, JTS, JTS, MTO3, ESQI, SOCE, HDC, LA LUCHA 2, RTAL, BRUZ, CCIG, TEIG, TEIG, CMIG, CMIG, CMIG, SDV, SDV, SDV, SDDR, HBVL, BAUV, 346A, 346A, 352A, 352A, HKT, HKT, TIGA, TIGA, 833A, 833A, 250A, 250A, MLDN.

Table with columns for station ID, name, frequency, and other details. Includes stations like MLDN, HNDO, NATX, LRAL, CELP, Z47A, ATAH, DRIO, SJG, SJG, IGPR, PDPDR, GOGA, Z41A, Y49A, Y49A, Y45A, Y52A, BRDY, Y52A, BRDY, X51A, HODGE, HPG, FW06, TXAR, TXAR, TXAR, UALR, SWET, W50A, MIAR, FW03, W52A, PAULA, BIRD, CPCT, ABTX, SGCY, V48A, KMSC, X37A, TKL, TKL, TKL, W53A, W57A, W57A, CLTN, WVT, WFTZ, LCAR, SMRT, SN05, U49A, ODSA, W35A, TZST, PZTN, PBMO, T47A, U54A, WMOK, LPIG, CGM3, S44A, SIUC, S51A, BLA, MSTX, WCI, CCM, AMTX, R40A, Q52A, Q52A, Q54A, KSU1, ACSO, O52A, P57A, A57A, ANMO, SDMD, N49A, N53A, MVL, SSPA, SSPA, L40A.

Table with columns for station ID, name, frequency, and other details. Includes stations like L40A, N58A, ETMB, M57A, BINY, L59A, SAML, ISCO, HMU, SADO, SADO, PKCU, MPTU, Q16A, P18A, PFO, TMUT, RDMU, MDP, RSSD, RSSD, PSUT, JLJU, TCUT, TPNV, SPR3, PD31, PDAR, PDAR, PDAR, BGU, HUU, MOOW, FXWY, ELK, RYMT, LFMT, NVAR, NVAR, NVAR, YNE, YMR, YHL, ULM, LVC, BOZ, DLMT, MFID, EGMF, PLID, PLID, F10A, YBH, NEW, D08A, E07A, E07A, FFC, MXC, B08A, SCHO, SCHO, CPUP, CPUP, MT08, FRB, YKA, YKA, PLCA, SFJD, M29M, M29M, RES, G31M, G29M, J26L, F28M, I26K, PRP, HDA, ILAR, ILAR, I23K.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OBNS, MDT, HFS, EKA, BELG, FINES, NOA, KLMR, KIRV, TORD, AKTO, ARCES, BVAR, DBIC, KURSB, KURK, IKAR, ZALV, BOSA, PAV, DETK, PFO.

NEIC 31 18:22:56.1z.2.1.9:15S:0.09x117.28E:0.05,h81km,8km, mb4.3/26, Error ellipse: s-maj=14.0km s-min=7.3km az=168.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PLAI, DNP, WBSI, SRBI, JAGI, ABJI, BASI, GMJI, BLJI, BSSI, BKSI, KAPI, KPSI, KAPSI, MMRi, UGMI, SOEI, SMRI, KPJI, CMJI, BBJI, LEM, CNJI, SANI, NLANI, XMSI, FITZ, FITZ, MBWA, PSAOI, KNRN, KASI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BNDI, GIRL, DRS, SAUI, MTN, TMTI, MNAI, MNAI, KDU, FAKI, FAKI, MEEK, DAV, WRA, WB2, MORW, WRO, AS31, ASAR, ASAR, ASO1, NWAO, NWAO, FORT, FORT, QIS, OOD, COEN, COEN, COEN, INKA, BBOO, PMG, HTT, STKA, STKA, STKA, STKA, CMAR, CMAR, YOJ, ARPS, H06S2, H06S2, H08S3, H08S3, H08S1, MJAR, USRK, ULN, ULN, SONM, MK31, MK31, AAK, GAR, BTK, BTK, CHGR, SIMJ, SIMJ, KKR, KURB, KURK, MAW, ZAAO, ZAAO, ZALV, SBA, BVAR, ABKAR, SEY, RAYN, RAYN, AKTO, QSPA, QSPA, GSPA, TIXI, TIXI, ASF, BOSA, EIL, MMAI, TROLL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SNA, SNA, BELA, VNA, VNA, VNA, TORD, NVAR, PDAR, CPUP, BDFB, SIV, PRZ, PRZ, KDJ, KDJ, SATY, SATY, SATY, NRN, NRN, UZB, UZB, UZB, UZB, ZHN, ZHN, ZHN, SHLS, SHLS, SHLS, ULHL, ULHL, PDGK, PDGK, TNSI, TNSI, TNSI, KPKS, KPKS, KPKS, MDOK, MDOK, MDOK, KURS, KURS, KURS, BOOM, BOOM, MTBS, MTBS, MTBS, KST, KST, TKM2, TKM2, TKM2, ARXS, ARXS, ARXS, ARLS, ARLS, DJR, DJR, DJR, DJR, KRB.

SOME 31 18:23:41.5z.40:93N:78:93E, h0km KRNET 31 18:23:41.6z.1.0:91N:78:91E, mb3.4 NNC 31 18:23:41.3z.1.9:40:86N:78:82E, h0km, mb3.7, mpv3.3 Error ellipse: s-maj=13.0km s-min=10.0km az=158.0

31d 19h

0.9nm,0.2s eS Sb 18 25 37.0 +3.5

VAO 31 18:31:25.4+1.1, 17:35S:73:45W, h10km, mb4.0
IDC 31 18:31:30.8+2.5, 17:43S:73:40W, h52km, 29km, mb3.8/10,
mbmp4.1/13, ML3.8/3, MS3.3/14, Error ellipse:
s-maj=20.6km s-min=15.4km az=62.0

ISC 31 18:31:27.7-0.5, 17:45S:07:73:44W, 0.07, h28km, n66,
e131/51, mb4.1/13, MS3.4/11, 4C, Off coast of Peru

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their data points.

MOS 31 19:03:09.9+1.0, 43:73N:147:34E, h64km, mb4.6/17, Error
ellipse: s-maj=8.0km s-min=6.4km az=89.0

MOS Felt (III) at Malokuril'skoye.
NIED 31 19:03:09.3, 43:51N:147:30E, h35km, MW4.2, Moment
Tensor Solution. s3 Moment tensor: Scale 10^15Nm;

M1:1.68; M2:0.42; M3:1.27; M4:1.58; M5:1.13; M6:0.40;
Fault plane solution: Mo:2.45000x10^15 NP1:0.66.00000*,
0.65.00000*, 1.125.00000*. NP2:0.189.00000*, 0.43.00000*,
1.42.00000*

JMA 31 19:03:09.3, 0.2, 43:51N:0:9-14:7E, h35km, MD4.1/32,
MW4.4/22, E OFF HOKKAIDO

2018 OCT

SKHL 31 19:03:09.7-0.0, 43:60N:147:30E, h72km, 4km, mb5.4/4
IDC 31 19:03:11.8+1.9, 43:78N:147:38E, h75km, 16km, mb3.8/24,
mbmp4.1/32, MS3.1/16, Error ellipse: s-maj=15.5km
s-min=11.8km az=147.0

NEIC 31 19:03:11.4+1.2, 43:8N:0:1-147:2E:0.1, h59km, 8km,
mb4.7-15.2, Error ellipse: s-maj=21.6km s-min=13.3km
az=173.0

ISC 31 19:03:09.4-0.8, 43:63N:0:05-147:35E:0:05, h54km, 6km,
n448, e130/412, mb4.6/9.6, MS3.1/13, 8C-3D, Kuril

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and data points for the 2018 OCT period.

2170

Table with columns: Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and data points for the 2170 period.

P17K	Kvichak River	37.12	45	P	P	19 10 15.6 +1.3
J18K	Innoko River	37.16	38	P	I Amb	19 10 16.0 +1.3 19 10 16.7
J18K	comp-Z, 1.0nm, 0.8s					
J18K	Innoko River	37.16	38	P	P	19 10 15.7 +1.1
F19K	Shalerucik Mo	37.18	32	P	P	19 10 15.4 +0.7
F19K	comp-Z, 1.1nm, 0.8s				I Amb	19 10 16.2
F19K	Shalerucik Mo	37.18	32	P	P	19 10 15.6 +0.8
GCSA	Galena City Sc	37.22	36	P	P	19 10 16.1 +1.0
G19K	Purcell Mounta	37.33	34	P	P	19 10 16.6 +0.5
G19K	comp-Z, 1.1nm, 1.0s				I Amb	19 10 17.6
G19K	Purcell Mounta	37.33	34	P	P	19 10 16.9 +0.9
D19K	Kuna River	37.40	30	P	P	19 10 17.2 +0.6
D19K	Kuna River	37.40	30	P	P	19 10 17.5 +0.9
N18K	Kilae Creek	37.40	43	P	P	19 10 18.2 +1.5
N18K	Kilae Creek	37.40	43	P	P	19 10 18.5 +1.7
TTA	Tatalina	37.43	39	P	P	19 10 17.9 +0.8
TTA	comp-Z, 7.5nm, 1.0s				I Amb	19 10 19.2
TTA	Tatalina	37.43	39	P	P	19 10 18.5 +1.5
TTA	Tatalina	37.43	39	P	P	19 10 17.9 +0.8
TTA	comp-Z, 8.0nm, 1.0s				pmax	19 10 20.1
Q17K	Contact Creek	37.44	47	P	P	19 10 18.7 +1.6
M18K	Stony River	37.45	41	P	P	19 10 19.2 +2.1
H19K	Roundabout Mou	37.50	35	P	P	19 10 17.4 0.0
H19K	Roundabout Mou	37.50	35	P	P	19 10 18.7 +1.2
E19K	Redstone River	37.51	31	P	P	19 10 16.5 -1.1
E19K	Redstone River	37.51	31	P	P	19 10 18.6 +1.1
J19K	Poorman	37.59	37	P	P	19 10 19.8 +0.7
J19K	Poorman	37.59	37	P	P	19 10 20.2 +1.1
P18K	Big Mountain,	37.74	45	P	P	19 10 21.2 +1.6
O18K	Koktuh Hills	37.74	44	P	P	19 10 21.1 +1.5
O18K	Koktuh Hills	37.74	44	P	P	19 10 21.2 +1.6
Q18K	Katmai Hardscr	37.88	46	P	P	19 10 21.1 +0.2
L19K	White Mountain	37.93	40	P	P	19 10 22.7 +1.5
D20K	Etiwuk River	37.98	29	P	P	19 10 22.4 +0.8
F20K	Avaaraat Lake	38.01	32	P	P	19 10 22.5 +0.8
F20K	Avaaraat Lake	38.01	32	P	P	19 10 23.1 +1.5
E20K	Nigu River	38.05	30	P	P	19 10 23.2 +1.0
B20K	Meade River	38.09	27	P	P	19 10 22.5 +0.2
B20K	Meade River	38.09	27	P	P	19 10 22.8 +0.5
N19K	Bonanza Creek	38.09	42	P	P	19 10 23.9 +1.3
M19K	Big River Lodg	38.14	41	P	P	19 10 24.3 +1.3
M19K	comp-Z, 1.3nm, 1.4s				I Amb	19 10 56.0
M19K	Big River Lodg	38.14	41	P	P	19 10 24.3 +1.3
H20K	Anoteneega Mo	38.15	35	P	P	19 10 24.0 +1.0
I20K	Naaghedeneel	38.25	36	P	P	19 10 25.1 +1.3
K20K	Telida	38.34	38	I Amb	I Amb	19 10 27.0
K20K	comp-Z, 1.3nm, 1.1s					
K20K	Telida	38.34	38	P	P	19 10 26.0 +1.4
J20K	Nowinta River	38.35	37	P	P	19 10 25.9 +1.3
L20K	Farwell, AK	38.39	40	P	P	19 10 26.5 +1.4
IMAR	Indian Mountai	38.66	34	P	P	19 10 28.0 +0.8
C21K	Knifeblade Rid	38.72	29	P	P	19 10 28.9 +1.2
M20K	Styx River	38.74	41	P	P	19 10 29.2 +1.1
M20K	Styx River	38.74	41	P	P	19 10 29.1 +1.1
G21K	Allakaket	38.81	33	P	P	19 10 29.9 +1.3
B21K	Ikpikpuk River	38.86	28	P	P	19 10 30.2 +1.3
E21K	Killik River	38.89	30	P	P	19 10 29.8 +0.6
F21K	Alatina River	38.90	32	I Amb	I Amb	19 10 31.5
F21K	Alatina River	38.90	32	P	P	19 10 30.6 +1.3
H21K	Melozitna River	39.02	35	I Amb	I Amb	19 10 32.4
H21K	Melozitna River	39.02	35	P	P	19 10 31.7 +1.4
A22K	Sinclair Lake	39.03	36	P	P	19 10 30.4 +0.2
CHUM	Lake Minchumin	39.14	38	P	P	19 10 32.9 +1.7
PPLA	Purkeypile	39.18	39	P	P	19 10 33.6 +1.8
N20K	Mount Spurr	39.19	42	P	P	19 10 33.0 +1.2
SPCR	Spurr Chakacha	39.19	42	P	P	19 10 33.5 +1.7
KDAK	Kodiak Island	39.22	47	P	P	19 10 31.8 -0.2
KDAK	comp-Z, 1.6nm, 0.9s				I Amb	19 10 33.2
KDAK	Kodiak Island	39.22	47	P	P	19 10 32.9 +0.9
KDAK	Kodiak Island	39.22	47	P	P	19 10 31.8 -0.2
KDAK	comp-Z, 1.6nm, 1.0s				pmax	19 10 34.7
CAST	Castle Rocks	39.23	38	I Amb	I Amb	19 10 34.7
CAST	comp-Z, 3.5nm, 0.7s					
CAST	Castle Rocks	39.23	38	P	P	19 10 33.9 +1.8
Q20K	Shuyak Island	39.25	46	P	P	19 10 32.4 +0.2
SYI	Shuyak Island	39.25	46	P	P	19 10 33.4 +1.2
B22K	Teshhepuk Lake	39.40	27	P	P	19 10 33.2 -0.1
B22K	comp-Z, 2.1nm, 1.4s				I Amb	19 10 01.6
B22K	Teshhepuk Lake	39.40	27	P	P	19 10 34.0 +0.7
D22K	Aiyikyak River	39.42	30	I Amb	I Amb	19 10 35.5
D22K	Aiyikyak River	39.42	30	P	P	19 10 34.5 +0.9
F22K	John River	39.44	32	P	P	19 10 34.9 +1.1
SKT	Skwentna	39.49	41	P	P	19 10 36.1 +1.8
H22K	Ishatallina Cre	39.62	34	P	P	19 10 36.6 +1.3
E22K	Anaktuvuk Pass	39.64	31	P	P	19 10 36.6 +1.2
G22K	Bettles	39.64	33	P	P	19 10 36.3 +0.9
BPBW	Bear Paw Mtn.	39.73	37	P	P	19 10 37.5 +1.3
CNPM	China Poot	39.77	44	P	P	19 10 36.4 -0.2
MLY	Manley	39.85	36	P	P	19 10 38.6 +1.3
SUA	Susitna One	39.89	41	P	P	19 10 37.3 -0.4
BRLK	Bradley Lake	39.93	44	P	P	19 10 37.5 -0.4
BRLK	comp-Z, 8.0nm, 0.6s				I Amb	19 10 40.1
E27K	Bradley Lake S	40.00	44	P	P	19 10 40.2 +1.7
TRF	Thorofare Moun	40.04	38	P	P	19 10 40.2 +1.2
CUT	Chulitna	40.07	40	P	P	19 10 40.0 +1.0
D23K	Nanushuk River	40.15	30	P	P	19 10 40.1 +0.5
D23K	comp-Z, 2.0nm, 1.4s				I Amb	19 11 01.4

D23K	Nanushuk River	40.15	30	P	P	19 10 41.3 +1.7
COLD	Coldfoot	40.18	32	P	P	19 10 40.8 +0.9
G23K	Bananza Creek	40.22	33	I Amb	I Amb	19 10 42.1
G23K	Bananza Creek	40.22	33	P	P	19 10 41.1 +0.8
C23K	Itkillik River	40.27	28	P	P	19 10 41.1 +0.5
C23K	comp-Z, 1.7nm, 0.9s				I Amb	19 10 42.0
C23K	Itkillik River	40.27	28	P	P	19 10 41.4 +0.8
H23K	Yukon River	40.38	35	I Amb	I Amb	19 10 44.1
H23K	Yukon River	40.38	35	P	P	19 10 43.3 +1.8
I23K	Minto, Yukon-K	40.44	36	P	P	19 10 43.2 +1.2
E23K	Chandalar	40.46	31	I Amb	I Amb	19 10 44.3
E23K	Chandalar	40.46	31	P	P	19 10 43.3 +1.0
TOLK	Toolik Lake Re	40.52	30	P	P	19 10 43.7 +1.0
NEA2	Nenana	40.56	36	I Amb	I Amb	19 10 45.1
NEA2	comp-Z, 6.9nm, 0.7s					
NEA2	Nenana	40.56	36	P	P	19 10 44.2 +1.1
SEW	Seward	40.62	43	P	P	19 10 44.0 +0.5
RND	Reindeer	40.69	38	I Amb	I Amb	19 10 45.6
D24K	Happy Valley	40.83	29	P	P	19 10 46.5 +1.3
WAT1	Susitna Watana	40.85	39	P	P	19 10 46.1 +0.6
E24K	Your Creek	40.88	31	P	P	19 10 47.0 +1.3
C24K	Franklin Glacier	40.92	29	P	P	19 10 46.7 +0.8
KNK	Knik Bluff	40.99	41	P	P	19 10 47.5 +0.9
SML	Sawmill	41.02	41	P	P	19 10 46.4 -0.6
SML	comp-Z, 1.2nm, 0.9s				I Amb	19 11 10.5
SML	Sawmill	41.02	41	P	P	19 10 48.0 +1.1
H24K	Noodor Dome	41.06	35	I Amb	I Amb	19 10 49.8
H24K	Noodor Dome	41.06	35	P	P	19 10 48.3 +1.1
COLA	College	41.08	36	P	P	19 10 48.0 +0.7
COLA	College	41.08	36	P	P	19 10 48.5 +1.2
COLA	College	41.08	36	P	P	19 10 48.0 +0.7
COLA	comp-Z, 3.9nm, 1.4s				pmax	19 10 51.1
F24K	Squaw Lake	41.08	32	I Amb	I Amb	19 10 51.1
F24K	Squaw Lake	41.08	32	P	P	19 10 48.3 +0.9
PWL	Port Wells	41.10	42	P	P	19 10 48.4 +0.8
ZALV	Zalesovo Beam	41.19	307	P	P	19 10 46.8 -1.9
ZALV	comp-Z, 0.6nm, 0.5s, baz=77, slow=9.5, SNR=2.8				PcP	19 12 46.1 -0.4
G24K	Hadweencic Riv	41.23	33	I Amb	I Amb	19 10 51.1
G24K	Hadweencic Riv	41.23	33	P	P	19 10 50.0 +1.4
WAT6	Susitna Watana	41.24	39	P	P	19 10 49.7 +0.8
POKR	Poker Plat Res	41.26	36	I Amb	I Amb	19 10 51.2
POKR	Poker Plat Res	41.26	36	P	P	19 10 50.1 +1.3
M23K	Glacier View	41.30	41	P	P	19 10 50.3 +1.1
DHY	Denali Highway	41.37	39	I Amb	I Amb	19 10 51.5
DHY	Denali Highway	41.37	39	P	P	19 10 50.6 +0.7
HDA	Harding Lake	41.49	37	I Amb	I Amb	19 10 51.7
HDA	Harding Lake	41.49	37	P	P	19 10 51.3 +0.6
SCM	Sheep Creek Mo	41.49	41	P	P	19 10 51.8 +0.9
ILAR	Eielson Array	41.50	36	P	P	19 10 50.7 -0.1
ILAR	Eielson Array	41.50	36	P	P	19 10 50.9 +0.1
ILAR	comp-Z, 1.8nm, 1.8, 1.8, baz=187, slow=37				LR	19 28 47.8
D25K	Kavik River	41.71	29	I Amb	I Amb	19 10 54.5
D25K	Kavik River	41.71	29	P	P	19 10 53.1 +0.5
G25K	Bearman Lake	41.77	33	P	P	19 10 54.4 +1.5
H25L	Birch Creek	41.90	34	P	P	19 10 55.6 +1.6
F25K	Christian River	41.95	32	P	P	19 10 55.9 +1.4
E25K	Arctic Village	41.98	31	I Amb	I Amb	19 10 57.1
E25K	Arctic Village	41.98	31	P	P	19 10 56.2 +1.5
M24K	Tolsona, Glenn	42.01	40	P	P	19 10 56.7 +1.7
K24K	Donnelly Dome	42.04	38	P	P	19 10 56.1 +0.8
PRP	Porcupine Dome	42.04	35	I Amb	I Amb	19 10 57.5
PRP	Porcupine Dome	42.04	35	P	P	19 10 56.6 +1.3
FYU	Fort Yukon	42.12	33	P	P	19 10 57.3 +1.5
J25K	Salcha River,	42.16	36	P	P	19 10 57.2 +1.0
KLU	Klutina	42.19	41	P	P	19 10 57.9 +1.4
PAX	Paxson	42.25	39	P	P	19 10 58.3 +1.3
C26K	Camden Bay	42.25	28	P	P	19 10 57.8 +1.0
BMAR	Burnt Mountain	42.36	32	P	P	19 10 59.2 +1.4
EYAK	Cordova Ski Ar	42.39	42	P	P	19 10 58.9 +0.9
HARP	Harp	42.45	40	P	P	19 11 00.4 +1.9
RIDG	Independent Ri	42.45	38	P	P	19 10 59.9 +1.2
F26K	Sheenjek River	42.52	32	I Amb	I Amb	19 11 01.8
F26K	Sheenjek River	42.52	32	P	P	19 11 01.1 +2.0
C27K	Jago River	42.66	29	I Amb	I Amb	19 11 02.4
C27K	Jago River	42.66	29	P	P	19 11 01.5 +1.4
G26K	Porcupine River	42.68	33	P	P	19 11 02.1 +1.8
SCRK	Sand Creek	42.81	37	P	P	19 11 01.8 +0.2
BMRM	Bremner River	42.89	42	P	P	19 11 03.8 +1.6
J26L	Joseph Creek	42.95	36	P	P	19 11 03.7 +1.1
I26K	Coal Creek Min	43.05	35	P	P	19 11 04.5 +1.2
KAIM	Kayak Island	43.15	43	P	P	19 11 05.9 +1.7
L26K	Log Cabin Wild	43.20	39	P	P	19 11 06.0 +1.4
M26K	Nabesna, AK	43.45	39	P	P	19 11 08.3 +1.6
E27K	Coleen River	43.46	31	P	P	19 11 08.0 +1.3
G27K	Doyon Strip	43.53	33	P	P	19 11 08.7 +1.5
MCARA	McCarthy VSAT	43.59	41	P	P	19 11 08.8 +1.1
CRQM	Cirque	43.63	42	I Amb	I Amb	19 11 33.1
H27K	Steamboat Moun	43.63	34	P	P	

31d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BVAR, BRVK, R33M, S34M, TGNT, WTLY, DLBC, T35M, TOAD, KKAR, BBB, KAPI, ARTI, RES, SIMJ, KIRV, ARCES, WRA, FINES, OVMT, OBNS, KVN, LHV, NVAR, ASAR, MOOV, TPWA, R11B, NB2, NOA, HFS, PDAR, KIV, KBZ, SHA1, AKASG, AKASG, S22A, Q24A, BUR08, BURAR, KOLS, KOLS, LANS, LANS, CLL, CLL, SCHO, VYHS, BRTR, ERAK, VRA, KHC, KHC, MMAI, TXAR, PPT, ESDC, H03N2, H03N3, H03N1, SNAAS, SNAAS.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YONAGUNI, YONAGUNIJIMAKU, IRITOMOTE-FUNAU, ISHIGAKI, KURO-SHIMA, HATERUMA, TARAMA, TAIPEI, YEHENG, NINGANGCHIAO, IRABUJIMA, IKEMAJIMA, MIYAKO JIMA, YUSUKUBE, YU-IL, KUNIGAMI, KOREA ARRAY, MBMNCACHI, WARRAMUNGA, BOROVYO, ALICE SPRINGS, THIN, DHARAMSHALA, KALPA, SMLA, JOSI, MKAR, ZALV, AKTO, FINES, ARCES, MOUNT MERON, ELAT, HAGFORS, ESKDALEMIR, NORSAR, KURCHATOV, ZALESOVO BEAM, RATAZAKI, VALSAMATA, PESSADA, RATAZAKI, VALSAMATA, LIKOURI.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAMOULIANATA, SAMH, FISKARDO, ARTEMIDA, RIOS OF PATRIS, RIOS OF PATRIS, DROSSIA, PYLOS, LFKADA ISLAND, ITHOMI, DRAGANO, NYDRI, TSOUKALADES, KALAVRYTA, ETIPALIO, GOURA, ANX, KALITHEA, AGIOS CHARALAM, ANOYIA, VALGARNERA, MOUNT MERON, ELAT, HAGFORS, ESKDALEMIR, NORSAR, KURCHATOV, ZALESOVO BEAM, RATAZAKI, VALSAMATA, PESSADA, RATAZAKI, VALSAMATA, LIKOURI.

PTAR3	Potrerillos Ar	0.08 186	iP	Pb	19 47 27.8	0.0	
PTAR3			iS	Sb	19 47 30.1	-0.4	
BRU2	Volcan	0.20 276	Pg	Pb	19 47 29.6	0.0	
BRU2			Sg	Sb	19 47 32.9	-0.8	
BRU2	comp=N,7um,0.3s		IAML		19 47 34.0		
BRU2	Volcan	0.20 276	iP	Pb	19 47 29.6	0.0	
BRU2			iS	Sb	19 47 33.3	-0.4	
BRU2	Volcan	0.20 276	eP	Pb	19 47 29.6	0.0	
BRU2			eS	Sb	19 47 33.7	0.0	
GUAL3	Gualaca, Chiri	0.30 142	iP	Pb	19 47 31.1	-0.1	
GUAL3			iS	Sb	19 47 34.3	-0.8	
MLIR3	Monte Lirio, C	0.33 274	eP	Pb	19 47 32.1	+1.1	
MLIR3			eS	Sb	19 47 37.5	+1.5	
DVD	David	0.34 174	iP	Pb	19 47 30.8	-0.1	
DVD			iS	Sb	19 47 35.7	-0.1	
LOMA3	Las Lomas, Chi	0.35 164	iP	Pb	19 47 31.1	-0.1	
LOMA3			iS	Sb	19 47 35.5	-0.8	
LOCO3	Loma Colorada,	0.36 169	iP	Pb	19 47 31.4	-0.1	
LOCO3			iS	Sb	19 47 35.9	-0.8	
CHGR2	Aguacate	0.38 64	iP	Pb	19 47 31.9	+0.2	
CHGR2			iS	Sb	19 47 37.6	+0.6	
PEDE3	Pedregal, Chir	0.39 170	iP	Pb	19 47 31.6	-0.1	
PEDE3			iS	Sb	19 47 37.4	0.0	
LPCC	Paso Canoas	0.42 236	eP	Pb	19 47 32.5	+0.1	
LPCC			eS	Sb	19 47 39.2	+0.9	
CDITO	Canoas	0.43 243	iP	Pb	19 47 33.2	+0.6	
CDITO			iS	Sb	19 47 39.9	+1.3	
CDITO			IAML		19 47 41.9		
CDITO	comp=Z,9um,1.0s						
LESP3	La Esperanza,	0.47 220	eP	Pb	19 47 33.2	-0.1	
VITO	San Vito	0.48 276	eP	Pb	19 47 34.6	+1.0	
LPLA	Las Palmas La	0.57 297	eP	Pb	19 47 36.1	+1.1	
LPLA			eS	Sb	19 47 42.6	-0.6	
CNI2	Ei Empalme, Bo	0.65 11	iP	Pb	19 47 37.3	+0.8	
CNI2			iS	Sb	19 47 47.2	-0.3	
EDAD	Golfito	0.68 260	eP	Pb	19 47 36.4	-0.6	
PTFM	Petroterminal	0.68 215	eP	Pb	19 47 36.8	-0.2	
EDP2	Potrero Grande	0.72 290	eP	Pb	19 47 39.1	+0.5	
LIMO3	Limonos	0.76 209	iP	Pb	19 47 37.9	-0.5	
LIMO3			iS	Sb	19 47 47.6	-0.6	
RGMO	Gandoca	0.82 352	Pg	Pb	19 47 35.7	-3.7	
RGMO			IAML		19 47 56.6		
RGMO	comp=N,1um,0.5s						
PTJ1	Puerto Jimnez	0.84 254	iP	Pb	19 47 39.2	-0.4	
PTJ1			IAML		19 47 39.5		
PTJ1	comp=Z,6um,1.0s						
PTJ1			iS	Sn	19 47 51.5	-0.6	
PTJ1	Puerto Jimnez	0.84 254	eP	Pb	19 47 39.3	-0.4	
PTJ1			eS	Sb	19 47 50.2	-0.2	
JIME	Puerto Jimenez	0.86 254	eP	Pb	19 47 39.4	-0.6	
ED1A	Buenos Aires	0.87 297	eP	Pb	19 47 41.8	+0.1	
DRKO	Durika	0.89 303	iP	Pb	19 47 40.8	+0.1	
DRKO			iS	Sn	19 47 53.8	0.0	
DRKO			IAML		19 47 54.4		
DRKO	comp=Z,9um,1.0s						
DRKO	Durika	0.89 303	iP	Pb	19 47 40.7	+0.1	
DRKO			iS	Sb	19 47 52.9	+0.6	
DRKO	Durika	0.89 303	eP	Pb	19 47 40.6	-0.1	
PIRO	Carate, Puerto	0.92 407	iP	Pb	19 47 40.2	-0.7	
PIRO			iS	Sb	19 47 52.5	-0.2	
PIRO			IAML		19 47 56.5		
PIRO	comp=Z,3um,1.0s						
PIRO	Carate, Puerto	0.92 247	iP	Pb	19 47 40.2	-0.7	
PIRO			eS	Sb	19 47 52.9	+0.2	
PIRO	Carate, Puerto	0.92 247	eP	Pb	19 47 40.2	-0.7	
EDPN	Palmar Norte	0.98 281	eP	Pb	19 47 41.8	-0.2	
OCHAL	Ojochal	1.19 286	iP	Pb	19 47 45.2	0.0	
OCHAL			iS	Sn	19 48 02.6	+1.8	
OCHAL			IAML		19 48 07.3		
OCHAL	comp=Z,590nm,1.0s						
MESA3	La Mesa, Verag	1.43 116	eP	Pb	19 47 48.4	-0.1	
MESA3			eS	Sb	19 48 06.6	+0.1	
BUS1	Rivas	1.47 302	eP	Pb	19 47 50.4	-0.2	
RSUS3	Rio de Jesus,	1.53 121	iP	Pb	19 47 50.0	+0.1	
RSUS3			eS	Sn	19 48 09.7	+0.5	
GMAL	Guarumal, Vera	1.59 129	eP	Pb	19 47 50.2	-0.6	
GMAL			iS	Sn	19 48 09.7	-1.1	
STIA3	Santiago, Vera	1.64 114	iS	Pb	19 47 51.1	+0.3	
STIA3			eS	Sb	19 48 13.1	-0.5	
CALO3	Calobre, Verag	1.69 105	iP	Pb	19 47 53.4	-0.8	
CALO3			iS	Sb	19 48 15.2	+0.3	
VTLA	Turrialba Volc	1.76 314	eP	Pb	19 47 56.1	+0.4	
LCR2	La Lucha 2	1.78 303	Pn	Pb	19 47 54.9	+1.3	
LCR2			iS	Sn	19 48 15.9	+0.2	
LCR2			IAML		19 48 19.6		
LCR2	comp=E,366nm,0.4s						
LCR2	comp=N,392nm,0.7s						
LCR2	La Lucha 2	1.78 303	iP	Pb	19 47 55.5	-0.4	
LCR2			iS	Sb	19 48 19.1	+1.2	
LCR2			IAML		19 48 20.5		
LCR2	comp=Z,460nm,1.0s						
LCR2	La Lucha 2	1.78 303	eP	Pb	19 47 54.9	+1.3	
ABE2	San Pablo	1.80 301	eP	Pb	19 47 55.9	-0.4	
MARI3	Mariato, Verag	1.85 127	eP	Pb	19 47 52.0	-2.4	
CRIS3	Ei Cristo, Coc	1.92 105	iP	Pb	19 47 56.7	+1.4	
CRIS3			iS	Sb	19 48 21.9	+0.2	
HDC	Heredia	2.02 307	Pn	Pb	19 47 55.5	-1.3	
HDC			IAML		19 48 32.8		
HDC	comp=N,372nm,0.6s						
HDC	comp=E,392nm,1.1s						
CACAO	Ei Cacao, Vera	2.15 131	eP	Pb	19 48 00.2	-1.7	
CACAO			iS	Sb	19 48 25.1	+0.7	
TRT2	Tortugero	2.16 325	iP	Pb	19 48 00.2	+1.6	
TRT2			iS	Sb	19 48 27.4	-1.1	
TRT2			IAML		19 48 32.2		
CHIT3	Chitre	2.20 111	iP	Pb	19 48 00.7	+1.6	
CHIT3			iS	Sb	19 48 28.8	-0.9	
AZU	Azuerro	2.24 114	iP	Pb	19 48 04.1	+2.3	
AZU			iS	Sn	19 48 32.8	+2.1	
ZANG	Zanguenga, Cho	2.60 86	eP	Pb	19 48 06.9	+2.3	
ZANG			eS	Sn	19 48 37.2	+1.5	
SOCE	Pocosol	2.64 307	Pn	Pb	19 48 07.9	+2.6	
SOCE			IAML		19 48 12.6		
SOCE	comp=Z,230nm,1.0s						
BCIP	Isia Barro Col	2.65 81	Pn	Pb	19 48 04.5	-0.8	
BCIP			IAML		19 48 53.1		
BCIP	comp=Z,99nm,0.5s						
BCIP	Isia Barro Col	2.65 81	iP	Pb	19 48 07.4	+2.1	
BCIP			IAML		19 48 53.9		
BCIP	comp=Z,170nm,1.0s						
BCIP	Isia Barro Col	2.65 81	iP	Pb	19 48 07.4	+2.1	
BCIP			iS	Sb	19 48 07.3	+2.0	
FRJ1	Ei Hiral	2.76 80	eP	Pb	19 48 09.3	+2.4	
JTS	Las Juntas de	2.86 302	eP	Pb	19 48 07.2	-1.1	
JTS			iS	Sn	19 48 11.1	+2.8	
JTS	Las Juntas de	2.86 302	eP	Pb	19 48 07.2	-1.5	
UPA	Univ. de Panam	2.93 86	eP	Pb	19 48 10.6	+1.5	
UPA			eS	Sn	19 48 44.8	+1.1	
ESPN	Las Esperanzas	3.84 333	Pn	Pb	19 48 21.3	-0.4	
ESPN			IAML		19 48 50.6		
ESPN	comp=N,65nm,0.1s						
ESPN			IAML		19 50 47.8		
ESPN	comp=E,61nm,0.1s						
ACON	Acopya	4.13 320	Pn	Pb	19 48 25.7	-0.1	
PRVC	Isia de Provid	4.71 13	Pn	Pb	19 48 32.3	-1.3	
BOAB	BOACOBROADBAM	81 320	Pn	Pb	19 48 31.6	-3.4	
BOAB			IAML		19 49 55.6		
BOAB	comp=E,39nm,1.9s						
BOAB			IAML		19 51 39.0		
CRIN	San Cristobal	5.95 311	Pn	Pb	19 48 47.9	-2.9	
TEH 31 20:00:19.8,32.59N:48.51E, h14km,21km,ML3.7							
IOC 31 20:00:20.4,2.2,33.03N:48.50E, h0km,mb3.9/10, mbmp3.9/10,MS2.8/4,Error ellipse: s-maj=46.8km s-min=24.0km az=168.0							
ISC 31 20:00:19.5,0.8,32.55N:0.004:48.36E:0.06,h17km,n63, e114/53,mb3.8/10, Western Iran							

IDOB	Doab	1.24 353	Pg	Pg	20 00 43.4	-0.2	
BDRS	Dareh Seyedi	1.47 17	Pg	Pn	20 00 45.9	+0.5	
HSAM	Samen	1.67 7	Pg	Pn	20 00 49.3	-0.6	
IBZA	Zobab	1.96 348	Pn	Pn	20 00 54.8	0.0	
JHBN	Jahan bin	1.98 99	Pn	Pn	20 00 53.3	+0.8	
KCHF	Chesheh Sefid,	2.04 328	Pn	Pn	20 00 56.4	+0.2	
ILBA	Ilam Banvizeh	2.10 301	Pn	Pn	20 00 55.7	+0.3	
IPIR	Pirpir	2.14 86	Pn	Pn	20 00 57.5	+0.7	
ZNGR	Zangian	2.16 101	Pn	Pn	20 00 55.5	+0.6	
SQNR	Songor, Kerman	2.38 345	Pn	Pn	20 01 00.9	-1.1	
IBRJ	Brojen	2.54 104	Pn	Pn	20 01 00.9	+0.7	
GL G1	Gilan-e-Gharb	2.63 334	Pn	Pg	20 01 04.1	-1.2	
ILIN	Lien	2.64 334	Pn	Pn	20 01 04.7	-1.7	
IDHR	Dehrash	2.70 323	Pn	Pn	20 01 05.8	-1.7	
QAMS	Gamsar	2.81 64	Pn	Pn	20 01 04.7	+0.8	
IKLH	Kolahrud	2.81 73	Pn	Pn	20 01 05.2	+1.2	
KOSI	Ghasheh-Shirin	3.02 311	Pn	Pn	20 01 10.0	-2.9	
IGAR	Garneh	3.12 92	Pn	Pn	20 01 08.4	+0.3	
KLNJ	Kolanjah	3.15 118	Pn	Pn	20 01 09.1	+0.4	
IQOM	Qom	3.21 44	Pn	Pn	20 01 10.1	+0.7	
QABG	Abargam-Qazvin	3.31 18	Pn	Pn	20 01 13.1	+2.3	
KRFH	Zefreh	3.36 83	Pn	Pn	20 01 13.6	+0.4	
KRSH	Karshahi	4.75 52	Pn	Pn	20 01 31.1	+0.4	
IRAM	Rameshah	3.49 101	Pn	Pn	20 01 13.4	+0.2	
ISFB	Sefidab	3.71 60	Pn	Pn	20 01 16.6	+0.5	
IVRN	Varamin	3.72 48	Pn	Pn	20 01 17.4	+1.2	
IHSB	Hasanabad	3.76 39	Pn	Pn	20 01 18.3	+1.5	
IGZV	Ghazvin	4.12 21	Pn	Pn	20 01 23.1	+1.2	
DMNV	Damnavand	4.42 101	Pn	Pn	20 01 28.1	+1.0	
AHBU	AHRAM	4.46 145	Pn	Pn	20 01 28.2	+1.8	
KELD	Kelardasht - M	4.54 29	Pn	Pn	20 01 29.1	+1.3	
ISAD	Sadrabad	4.56 97	Pn	Pn	20 01 28.1	+0.1	
ANAR	Anarak	4.56 81	Pn	Pn	20 01 28.1	+0.2	
ILASJ	Lastjerd	4.75 52	Pn	Pn	20 01 31.1	+0.4	
IFIR	Firoozkoo	4.77 49	Pn	Pn	20 01 31.7	+0.8	
LHJ2	Lahijan - Gila	4.81 16	Pn	Pn	20 01 33.2	+2.1	
DSBU	Dashti - Bushe	4.87 148	Pn	Pn	20 01 34.0	+2.0	
ICHK	Chekchek	5.12 92	Pn	Pn	20 01 35.9	+0.2	
ISRB	Sarab	5.25 354	Pn	Pn	20 01 40.4	+2.5	
IMEH	Imehriz	5.44 101	Pn	Pn	20 01 39.6	-0.4	
IHRS	Heris	5.85 350	Pn	Pn	2		

31d 20h

Table with columns for station name, frequency, and other parameters. Includes stations like IGT Igoumenitsa, LOU Loutraki, AGG Agios Georgios, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like UPM Unac-Piva, UPL PLE, UPM Plijevija, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like ARCES ARCESS Array B, BRVK Borovoye, BVAR Borovoye Array, etc.

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Table with columns: Station Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Shilin, Hualien, Fulbi, Tongmen, etc.

2018 OCT

Table with columns: Station Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Yeheng, Sanguang, Tainan City, Hsinying, etc.

31d 20h

Table with columns: Station Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Ungalak Mounta, Nishihk Lake, Contact Creek, etc.

31d 20h

PWL	Port Wells	17.17	47	P	Pn	20 51 11.3	-0.1
H20K	Anotleneega Mo	17.25	28	P	Pn	20 51 12.7	+0.3
P23K	Montague Islan	17.31	50	P	Pn	20 51 12.3	-0.9
KNK	Knik Glacier	17.32	45	Iamb	Iamb	20 51 15.1	
KNK	Knik Glacier	17.32	45	P	Pn	20 51 12.6	-0.8
KTH	Kantishna Hill	17.34	37	Iamb	Iamb	20 51 21.6	
F19K	Shalerucik Mo	17.51	22	P	P	20 51 23.5	
F19K	Shalerucik Mo	17.51	22	P	P	20 51 17.0	+0.6
TRF	Thorofore Moun	17.52	38	P	Pn	20 51 16.5	+0.5
SML	Sawmill	17.54	44	P	Pn	20 51 16.1	0.0
BPAW	Bear Paw Mtn	17.62	35	Iamb	Iamb	20 51 25.6	
BPAW	Bear Paw Mtn	17.62	35	P	Pn	20 51 17.7	-0.1
GLI	Glacier Island	17.74	47	P	Pn	20 51 18.0	-0.5
M23K	Glacier View	17.80	44	P	Pn	20 51 19.1	-0.2
WAT1	Susitna Watana	17.90	41	P	Pn	20 51 19.7	-0.8
IMAR	Indian Mountai	17.93	28	P	P	20 51 21.6	+0.4
H21K	Melozitna Rive	17.99	30	P	P	20 51 22.3	+0.5
SCM	Sheep Creek Mo	17.99	44	Iamb	Iamb	20 51 22.5	
SCM	Sheep Creek Mo	17.99	44	P	Pn	20 51 20.9	-0.7
WAT6	Susitna Watana	18.12	42	P	Pn	20 51 22.5	+0.8
E19K	Redstone River	18.14	21	P	Pn	20 51 23.6	+0.3
F20K	Avaraart Lake	18.18	24	P	Pn	20 51 23.3	-0.5
MCK	McKinley	18.19	38	P	Pn	20 51 23.8	-0.2
BWN	Brown	18.22	36	Iamb	Iamb	20 51 32.6	
MLY	Manley	18.26	33	Iamb	Iamb	20 51 29.0	
MLY	Manley	18.26	33	P	P	20 51 24.7	-0.2
EYAK	Cordova Ski Ar	18.27	49	P	Pn	20 51 24.0	-0.9
G21K	Allakaket	18.37	27	P	P	20 51 26.0	-0.1
C18K	Utukok River	18.38	15	Iamb	Iamb	20 51 33.8	
C18K	Utukok River	18.38	15	P	P	20 51 26.0	-0.1
KLU	Klutina	18.49	46	Iamb	Iamb	20 51 30.5	
KLU	Klutina	18.49	46	P	P	20 51 26.5	-0.9
DHY	Denali Highway	18.49	41	Iamb	Iamb	20 51 29.7	
DHY	Denali Highway	18.49	41	P	P	20 51 26.7	-0.8
H22K	Ishlaltitna Cre	18.59	30	P	Pn	20 51 29.2	+0.4
NEA2	Nenana	18.59	35	P	P	20 51 28.1	-0.3
M24K	Tolsona, Glenn	18.60	44	Iamb	Iamb	20 51 50.4	
M24K	Tolsona, Glenn	18.60	44	P	P	20 51 27.4	-1.1
KAIM	Kayak Island	18.74	51	P	Pn	20 51 30.7	0.0
I23K	Minto, Yukon-K	18.80	34	Iamb	Iamb	20 51 38.7	
I23K	Minto, Yukon-K	18.80	34	P	P	20 51 30.8	+0.1
D19K	Kuna River	18.81	19	Iamb	Iamb	20 51 39.2	
D19K	Kuna River	18.81	19	P	P	20 51 30.3	-0.5
F21K	Alatna River	18.89	25	Iamb	Iamb	20 51 41.7	
F21K	Alatna River	18.89	25	P	P	20 51 32.1	+0.4
HMT	Hamilton	18.92	50	Iamb	Iamb	20 51 49.1	
BRMR	Bremner River	18.93	48	P	P	20 51 31.4	-0.8
B18K	Kokolik River	18.93	14	P	P	20 51 32.4	+0.3
E20K	Nigu River	19.02	21	P	P	20 51 33.8	+0.7
C19K	Lookout Ridge	19.05	16	P	P	20 51 34.0	+0.5
CCB	Clear Creek Bu	19.08	36	Iamb	Iamb	20 51 41.8	
BILL	Bilibino	19.12	338	eP	P	20 51 23.4	-1.1
BILL	Bilibino	19.12	338	pmax	pmax		
N25K	Chitina, Valde	19.12	46	P	P	20 51 34.0	-0.4
H23K	Yukon River	19.14	32	P	P	20 51 34.5	0.0
HARP	HAARP	19.15	44	P	P	20 51 34.0	-0.6
COLA	College	19.18	35	iP	pmax	20 51 30.8	-4.1
G22K	Bettles	19.23	28	P	P	20 51 35.7	+0.3
PAX	Paxson	19.23	42	P	P	20 51 35.3	-0.3
HDA	Harding Lake	19.28	37	Iamb	Iamb	20 51 37.5	
HDA	Harding Lake	19.28	37	P	P	20 51 35.2	-0.8
D20K	Etluk River	19.30	20	P	P	20 51 36.7	+0.6
F22K	John River	19.45	26	P	P	20 51 38.2	+0.4
K24K	Donnelly Dome	19.46	40	P	P	20 51 37.0	-0.9
POKR	Poker Plat Res	19.46	35	Iamb	Iamb	20 51 47.3	
POKR	Poker Plat Res	19.46	35	P	P	20 51 37.5	-0.5
IL31		19.49	36	Iamb	Iamb	20 51 40.8	
ILAR	Eielson Array	19.49	36	P	P	20 51 38.2	0.0
ILAR	Eielson Array	19.49	36	P	P	20 51 35.8	-2.5
ILAR		20 59 40.5					

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MESA	MESA	20.00	52	P	P	20 51 44.0	-0.1
C21K	Knifeflade Rid	20.05	20	P	P	20 51 44.9	+0.6
M26K	Nabesna, AK	20.09	45	Iamb	Iamb	20 51 47.2	
M26K	Nabesna, AK	20.09	45	P	P	20 51 45.1	+0.1
YAH	Yahts	20.14	51	Iamb	Iamb	20 51 51.1	
L26K	Log Cabin Wild	20.15	43	P	P	20 51 45.0	-0.5
GRNC	Granite Creek	20.22	50	Iamb	Iamb	20 51 58.4	
SCRK	Sand Creek	20.25	40	Iamb	Iamb	20 51 47.4	
SCRK	Sand Creek	20.25	40	P	P	20 51 45.4	-1.3
D22K	Aiyikyak River	20.32	23	Iamb	Iamb	20 51 58.5	
D22K	Aiyikyak River	20.32	23	P	P	20 51 47.4	+0.1
G24K	Hadweenciz Riv	20.33	31	P	P	20 51 47.8	+0.4
PRP	Porcupine Dome	20.36	35	P	Iamb	20 51 45.9	-1.9
PRP	Porcupine Dome	20.36	35	P	P	20 51 47.2	-0.6
TABL	Table Mountain	20.45	51	Iamb	Iamb	20 52 00.1	
B21K	Ikpiqkuk River	20.46	20	Iamb	Iamb	20 52 01.7	
B21K	Ikpiqkuk River	20.46	20	P	P	20 51 48.6	-0.1
CTG	Chitna Glacier	20.46	50	P	P	20 51 48.6	-0.4
CTGM	Chitina Glacie	20.47	50	Iamb	Iamb	20 52 00.7	
E23K	Chandalar	20.54	27	Iamb	Iamb	20 52 00.5	
E23K	Chandalar	20.54	27	P	P	20 51 49.6	-0.1
M27K	Edge Creek, AK	20.58	45	P	P	20 51 49.5	-0.8
LOGN	Logan Glacier	20.59	50	Iamb	Iamb	20 51 03.3	
J26L	Joseph Creek	20.63	39	P	P	20 51 49.5	-1.2
H25L	Birch Creek	20.64	33	P	P	20 51 51.0	+0.3
F24K	Squaw Lake	20.69	29	Iamb	Iamb	20 51 59.5	
F24K	Squaw Lake	20.69	29	P	P	20 51 52.3	+0.9
L27K	Beaver Creek	20.82	44	P	P	20 51 52.8	+0.1
G25K	Bearman Lake	20.82	32	P	P	20 51 53.0	+0.4
P1NM	Pinnacle	20.83	52	P	P	20 51 53.0	+0.1
BCAR	Beaver Creek A	20.84	44	P	P	20 51 52.4	-0.5
E24K	Your Creek	20.87	27	Iamb	Iamb	20 52 04.3	
E24K	Your Creek	20.87	27	P	P	20 51 54.1	+0.9
D23K	Nanushuk River	20.88	24	Iamb	Iamb	20 52 03.6	
D23K	Nanushuk River	20.88	24	P	P	20 51 53.9	+0.6
TOLK	Toolik Lake Re	20.94	25	P	Iamb	20 51 53.6	-0.4
TOLK	Toolik Lake Re	20.94	25	P	P	20 51 54.8	+0.7
O28M	Mount Upton	20.98	50	P	P	20 51 54.4	-0.4
FYU	Fort Yukon	21.00	33	Iamb	Iamb	20 52 04.3	
K27K	Chicken	21.05	41	Iamb	Iamb	20 52 06.2	
BVCY	Beaver Creek	21.05	46	P	P	20 51 55.2	0.0
YUK3	Moose Creek	21.07	48	P	P	20 51 54.4	-1.2
SEY	Seymchan	21.09	316	iP	P	20 51 56.3	+0.7
SEY	Seymchan	21.09	316	pmax	pmax	20 51 51.3	-4.3
MA2	Magadan	21.13	306	LR	LR	21 00 09.6	
I26K	Coal Creek Min	21.14	37	Iamb	Iamb	20 52 01.4	
I26K	Coal Creek Min	21.14	37	P	P	20 51 55.0	-1.1
PNL	Peninsula	21.19	54	P	P	20 51 57.0	+0.2
B22K	Teshhepkuk Lake	21.28	19	Iamb	Iamb	20 52 03.5	
B22K	Teshhepkuk Lake	21.28	19	P	P	20 51 57.8	+0.3
YUK8	Steele Glacier	21.28	49	P	P	20 51 57.4	-0.6
F25K	Christian Rive	21.43	30	P	P	20 51 58.7	-0.6
D24K	Happy Valley	21.49	25	P	P	20 52 00.4	+0.6
A22K	Sinclair Lake	21.51	17	P	P	20 52 00.2	+0.1
C23K	Ikliik River	21.52	22	P	P	20 52 00.4	+0.2
C23K	Ikliik River	21.52	22	P	P	20 52 00.6	+0.4
BMAR	Burnt Mountain	21.68	31	P	P	20 52 00.9	-1.1
O29M	Mount Kennedy	21.68	52	Iamb	Iamb	20 52 04.4	
O29M	Mount Kennedy	21.68	52	P	P	20 52 01.8	-0.4
G26K	Porcupine Rive	21.69	33	P	P	20 52 01.8	-0.3
EGAK	Gallego	21.69	39	P	P	20 52 02.0	-0.1
E25K	Arctic Village	21.76	29	P	P	20 52 03.0	+0.2
YUK4	Talbot Lake	21.82	49	P	P	20 52 04.0	+0.3
I27K	Kandik River	21.84	37	P	P	20 52 03.5	-0.3
YUK6	Outpost Mouna	21.89	50	P	P	20 52 04.0	-0.4
C24K	Franklin Bluff	21.91	24	Iamb	Iamb	20 52 12.3	
C24K	Franklin Bluff	21.91	24	P	P	20 52 04.4	0.0
F26K	Sheenik River	21.97	31	P	P	20 52 05.4	+0.4
P29M	Windy Craggy	22.02	54	Iamb	Iamb	20 52 23.0	
P29M	Windy Craggy	22.02	54	P	P	20 52 05.5	-0.2
M29M	Somme Creek	22.14	46	P	P	20 52 07.0	+0.1
M29M	Somme Creek	22.14	46	P	P	20 52 07.0	+0.1
H27K	Steamboat Moun	22.15	36	P	P	20 52 06.2	-0.8
DAWY	Dawson	22.17	42	Iamb	Iamb	20 52 13.8	
DAWY	Dawson	22.17	42	P	P	20 52 06.1	-1.2
D25K	Kavik River	22.26	26	Iamb	Iamb	20 52 14.1	
D25K	Kavik River	22.26	26	P	P	20 52 07.5	-0.7
HYT	Haines Junctio	22.28	51	P	P	20 52 07.1	-1.5
G27K	Doyon Strip	22.36	34	P	P	20 52 08.3	-1.0
I28M	Miner Creek	22.42	38	P	Iamb	20 52 08.7	-1.4
I28M	Miner Creek	22.42	38	P	P	20 52 19.0	
I28M	Miner Creek	22.42	38	P	P	20 52 08.9	-1.2
L29M	L29M	22.44	45	P	P</		

Table with columns: YBH, H1S1, H1S2, H1S3, NEW, MJAR, RES, PAHR, NVAR, ELK, ELK, FFC, KRSR, KRSR, RLMT, R11B, DUG, PRN, PD31, RDMU, NR1K, U15A, N23A, ULM, ULM, S22A, ULN, SONM, ZAK, T25A, ANMO, ECSD, 121A, SFJD, WMOK, LPIG, TXAR, TXAR, ZALV, ZALV, R40A, JMJC, SCHQ, ARCES, ARCES, ARCES, MIAR, O48B, SADO, P49A, HKT, KURK, KURK, KURB, KURB, MKAR, MKAR, MKAR, BVAR, BVAR

Table with columns: BRVK, D62A, SSQA, TKL, H62A, L61B, FINES, NB2, NOA, NOA, NOA, AKTO, ABKAR, KKR, BELG, OBN, PPT2, MINK, RAR, PETF, CMAR, DZM, AKASG, NIL, CLL, CLL, CLL, BRG, BRG, BRG, KBL, BTNL, VRAC, KHC, KHC, CONA, ECH, ECH, ECH, ARSA, MOTA, WTTA, DAVA, SQTA, FETA, MLR, SOKA, GNI, WRA, BRTR, FITZ, SJG, ASAR, ESDC

Table with columns: STKA, MDT, QSPA, MAW, BOS, BOS, SNA, IDC, WRA, ASAR, MKAR, KURB, IDC, SKHL, MOS, IDC, KUR, KUR, KUR, KUR, SHO, SHO, SHO, SHO, YUK, YUK, YUK, NEM2, JRM2, JRA, JAK, JTRK, JAR, JOB, JKB, ASAJ, JCH, SKR, SKR, SKR, SKR, JANG, PETK, H1N2, H1N1, H1N3, H1S1, H1S2, ILAR, MKAR, KURK, KURB, NVAR, FINES, PDAR, NOA, HFS, AKAS, EKA, MMAI, H03N2, H03N3

31d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like H03N1, PLCA, SNA, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like DION, NEO, AKASA, HFS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like PATCX, PB09, etc.

Additional notes and coordinates for the 2178 section, including station names and coordinates like IDC 31 21:16:49.9, 1.6, 37.54N:20.50E, h10km, mb3.5/6, etc.

ISC 31 21:16:52.2-1.0,37.49N,0.06,20.38E,0.07,h15km,n16,
c0563/19,mb3.6/6,lonian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, PSDA Pessada-Kefalo, VLS Valsamata, etc.

IDC 31 21:48:45.3-0.7,35.95N,26.24E,h118km,13km,mb3.4/5,
mbmp3.8/11, Error ellipse: s-maj=27.4km s-min=13.8km
az=169.0

ISK 31 21:48:45.6,36.06N,26.16E,h119km,1km,ML3.2/19
ATH 31 21:48:46.1,36.04N,26.12E,h123km,3km,ML3.5/12,
Error ellipse: s-maj=3.8km s-min=1.4km az=154.0

THE 31 21:48:47.2,36.07N,26.14E,h133km,4km,ML3.4/10,
Error ellipse: s-maj=4.0km s-min=0.9km az=204.0

AFAD 31 21:48:53.0-0.0,36.21N,26.73E,h92km,14km,ML3.0
ISC 31 21:48:45.2-0.8,36.03N,0.04,26.27E,0.03,h127km,6km,
n119,c1976/158,mb3.8/5,Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THR8 Santorini-Mono, THR6 Thira Island, THR2 Thira Island, etc.

Table with columns: TURN, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM Gzelcam/7, CHAN Chania, CHAN comp=E,2627um,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, KURBB Kurchatov Arra, MKAP Makanchi Array, etc.

THE 31 22:31:01.4,37.41N,20.61E,h12km,1km,ML2.7/7, Error
ellipse: s-maj=1.8km s-min=0.6km az=317.0
ATH 31 22:31:02.2,37.46N,20.64E,h12km,2km,ML2.6/8, Error
ellipse: s-maj=2.6km s-min=1.1km az=14.0
ISC 31 22:31:01.3,35.3743N,0.05,20.61E,0.06,h14km,9km,
n117,c0550/34,lonian Sea

SOME 31 22:58:05.9,42.53N,84.50E,h10km
NNC 31 22:58:06.3,42.7,42.48N,84.37E,h0km,mb3.7,mpv3.3,
Error ellipse: s-maj=18.7km s-min=7.8km az=129.0
ISC 31 22:58:08.3,4.425N,0.1,84.6E,0.1,h10km,n12,
c1163/18,3C-3D,Northern Xinjiang

HEL 31 23:04:25.5-0.2,67.17N,20.59E,h0km,ML1.2,
Explosion,Sweden

31d 23h

Table with columns: ERTU, Ertsjaerv, 0.88 133, PG, Pg, 23 04 41.2, -1.2, etc.

UPP 31 23:04:57.8±0.5, 67.19N±0.20, 56E, h0km±2km, ML1.8, Unknown, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

31 23:08:59.3±0.4, 30°23'N, 87°66'E, h0km, mb4.5/29, mbmp4.6/33, ML4.5/4, MS3.9/51, Error ellipse: s-maj=14.2km s-min=10.6km az=44.0

ISC 31 23:09:01.7±0.2, 30°27'N±0.03, 87°50'E±0.03, h10km, n684, ±159/603, mb4.9/157, MS4.0/65, 39C-17D, Xizang

Main table for station 31, listing codes like GTK, LSA, SHL, ZIRO, etc., with station names and coordinates.

2018 OCT

Main table for station 2018 OCT, listing codes like BHPH, NGP, NLR, etc., with station names and coordinates.

2180

Main table for station 2180, listing codes like MK31, MKAR, MAZ, etc., with station names and coordinates.

31d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LRV, PABE, MA2, KEF, SUW, BMR, LOR, TRSU, MARR, KWP, ARAO, ARCES, SURR, SIRR, MDRV, KTK1, BOVS, LIT, HAMF, PSZ, FAKI, JETT, TRO, MORH, MORC, GUMO, PET, FAUS, KRAC, VRAN, DPC, KRC, MOR, LOK, HFS, LOF, KONS, ARSA, SPAO, SPITS, PRU, NSS, KMBO, BRG, ZVC, NC405, KIBK, NC602, MOA, NB2, NBW, NOA, NOA, OBKA, GEC2, GEC2, GEC2, GERES.

2018 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like GERES, CLL, CLL, CLL, KHC, KHC, WET, TANN, BILL, BILL, KBA, PLN, GORTI, ROTZ, KONO, DOMB, DOMB, NEUB, MANZ, FLTG, LESA, MOX, MOX, BSEG, BSEG, SKAR, SKAR, GRF, GRF, MOL, CLZ, NRDL, WRTA, FUR, SQT, MOTA, VAE, RETA, MBWA, MBWA, MBWA, FETA, UBR, PSAO, BER, DAVA, TNS, BFO, MBAR, MBAR, MBAR, MBAR, KEST, SHEM, VOI, VOI, MANU, EKA, WBO, WBO, WRA, WRAB, WRAB, WRB2, WRK, C17K, D17K, AS31, ASAR, AS01, B20K, A22K, ANM, E18K, D19K, BORG, F17K, G16K, D20K, F18K, SUMG, SUMG, H16K, Q1S, E20K.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SPIA, E19K, E19K, F19K, J14K, G18K, H17K, C23K, D22K, P08K, F20K, G19K, H18K, TAM, TAM, D23K, ESDC, ESDC, J16K, K15K, F21K, F21K, L14K, H19K, D24K, F22K, LSZ, LSZ, LSZ, LSZ, M13K, TOLK, J17K, J17K, L15K, G21K, H20K, C26K, M14K, D25K, IMAR, G22K, E24K, COLD, K17K, C27K, L16K, J18K, H21K, M15K, J19K, J19K, J19K, L17K, F24K, H22K, J20K, E25K, M16K, N15K, L18K, F25K, D27M, M17K, H23K, UNV, G24K, G24K, G24K, G24K, MLY, MLY, MLY, BMAR, G25K, D28M, H24K, L19K, E27K, E27K, E27K, L20K, CAST, CAST, A36M, A36M, E28M.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzL, ElL, AzS, ElS, AzO, ElO, AzN, ElN, AzE, ElE, AzM, ElM, AzR, ElR, AzL, ElL, AzS, ElS, AzO, ElO, AzN, ElN. Rows include stations like O16K Kokwok River B, G26K Porcupine Rive, NEA2 Nenana, etc.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzL, ElL, AzS, ElS, AzO, ElO, AzN, ElN. Rows include stations like LBTB Lobatse, LBTB Lobatse, M30M Minto, YUK8 Steele Glacier, etc.

NEIC 31 23:18:46.5 ± 1.5, 6.04N, 0.08.95:11E:0.08, h10km, 1km, mb4.5/39, Error ellipse: s-maj=1.5, s-min=10.7km az=22.0

IDC 31 23:18:52.6 ± 5.4, 6.11N-95.07E, h61km, 49km, mb3.9/21, s-maj=2.2km, s-min=13.2km, az=56.0

ISC 31 23:18:49.6 ± 0.4, 6.03N, 0.06.95:16E:0.06, h35km, n88, 0.099h68, mb4.4/35, MS3.7/29, 1D, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzL, ElL, AzS, ElS, AzO, ElO, AzN, ElN. Rows include stations like LHMI Lhok Sumawe, RPSI Rantau Prapat, SRIT Nakonsitamara, etc.

Table with columns: ID, Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzL, ElL, AzS, ElS, AzO, ElO, AzN, ElN. Rows include stations like NIL Nilore, FITZ Fitzroy, BJT Bajitjatu, DRK Garym, CHGR Chuyangaron, etc.

31d 23h

Table with columns: NOA, NORSAR Array B, 81.82 331 P, P, 23 31 04.4 -0.5, comp=Z:1.8nm,0.9s,baz=93,slow=5.4,SNR=3.6

IDC 31 23:19:52.5:6.2, 6.08S:151.85E, h149km, 4.7km, mb3.0/3, mbmtmp3.6/4, Error ellipse: s-maj=156.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 31 23:27:45.4:1.4, 18.27N:145.55E, h370km, 16km, mb3.5/16, mbtmp4.2/18, Error ellipse: s-maj=20.1km

NEIC 31 23:27:49.6:1.0, 18.19N:145.55E:0.2, h408km, 10km, mb4.2/16, Error ellipse: s-maj=23.6km s-min=14.2km

IDC 31 23:27:47.7:0.6, 18.14N:145.55E:0.1, h400km, n39, n192/41, mb4.0/24, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 31 23:27:47.7:0.6, 18.14N:145.55E:0.1, h400km, n39, n192/41, mb4.0/24, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 31 23:27:47.7:0.6, 18.14N:145.55E:0.1, h400km, n39, n192/41, mb4.0/24, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 31 23:27:47.7:0.6, 18.14N:145.55E:0.1, h400km, n39, n192/41, mb4.0/24, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 31 23:28:54.6:3.4, 6.01N:95.20E, h0km, mb3.5/4, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=117.3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

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NOU 31 23:49:38.7, 38.73S:175.43E, h198km, MLV3.8/10, North Island, New Zealand

WEL 31 23:49:42.7:0.7, 39.06S:177.66E:1.1, h155km, 5km, M3.3/90, ML2.4/6, MLV3.3/90, Error ellipse: s-maj=8.3km

ISC 31 23:49:36.9:1.7, 38.71S:175.42E:0.05, h199km, 9km, n100, n1972/114, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

NEIC 31 23:50:48.4:2.6, 32.85N:102.100:91W:0.03, h63km, 7km, Error ellipse: s-maj=3.7km s-min=2.5km az=114.0

NEIC 31 23:50:50.2:1.3, 32.89N:103.100:92W:0.05, h5km, 2km, mb_Lg3.0/106, ML2.8/5, ML3.2/8, Error ellipse: s-maj=7.7km s-min=3.1km az=123.0, Western Texas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

2184

Table with columns: ODSA Odessa, 1.58 241 Pn, 23 51 17.6 -1.1, ODSA Palo Alto, 2.19 91 Sn, 23 51 38.3 -1.3

AMTX Amarillo, 2.09 342 Pn, 23 51 26.2 +0.4, PLPT Palo Alto, 2.19 91 Sn, 23 51 27.9 +0.9

SMWD Samnorwood, 2.28 14 Pn, 23 51 28.6 +0.2, FW03 Perrin-Whitt E, 2.40 86 Pn, 23 51 30.7 +0.8

LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

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ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

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ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

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LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

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LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

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LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

LOOK Love County, 3.31 70 Pn, 23 51 42.9 +0.4, FW16 Waxahatchie, 3.41 96 Pn, 23 51 43.8 -0.1

ALPN Alpine, 3.42 224 Iamb_Lg, 23 52 43.1, DRIO Del Rio, 3.46 176 Pn, 23 51 44.1 -0.5

ISC Computed Locations for October 2018

