

## 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 00:12:43.0:1.6, 13:45S:111:33W, h0km, mb4.0/5, mbmp4.0/5, MS3.9/21, Error ellipse: s-maj=46.4km s-min=26.7km az=57.0

NEIC 01 00:12:44.5:1.5, 13:56S:0:07:111:5W, 0:1, h10km, 1km, mb4.8/104, Error ellipse: s-maj=23.8km s-min=8.0km az=247.0

ISC 01 00:12:43.7:0.6, 13:55S:0:08:111:6W, 0:1, h11km, n145, 0:578/105, mb4.8/59, MS4.0/20, 2C, Central East Pacific Rise

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

Table with columns: PLAL, Pickwick Lake, 53.17 24, Iamb, Iamb, 00 22 02.3. Lists seismic stations including S39A Bolivar, FPAL Fort Paine, GLAT Glass, GOGA Godfrey, etc.

Table with columns: YUK, YUK, 800nm,0.5s, eS, A, Sn, 00 58 28.2 -0.5. Lists stations YUK and YUK with parameters.

SNET 01 01:03:55.3:0.6, 13:62N:90:28W, h4km, 6km, ML2.9 GCG 01 01:03:57.4:0.6, 13:54N:90:43W, h48km, 52km, MD3.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like NUBE, NUBE, LAS NUBES, CEVE, etc.

IDC 01 01:05:31.9:1.3, 6:47N:125:92E, h74km, 15km, mb3.2/4, mbmp3.5/4, Error ellipse: s-maj=77.9km s-min=22.3km az=74.0, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like DAV, DAVAO CITY, WARRANGUNGA ARR, etc.

DDA 01 01:15:32.4:0.0, 38:43N:27:75E, h7km, 5km, ML1.5, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like AKHS, AKHS, MANISA, ZED, etc.

ISK 01 01:15:46.3, 36:95N:27:60E, h16km, 1km, ML0.4/4, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like RFTAA, RFTAA, DAT, etc.

IDC 01 01:16:31.2:1.4, 24:30S:179:86E, h500km, 15km, mb3.3/8, mbmp4.2/11, Error ellipse: s-maj=21.4km s-min=16.5km az=150.0

ISC 01 01:16:31.9:0.8, 24:44S:0:09:179:9E, 0:1, h517km, n13, 0:139/117, mb3.7/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like RAO, RAOUL ISLAND, MSVF, etc.



Mn=0.94±.10; Mn=2.09±.09; Mn=3.43±.39; Mn=1.15±.07; Mn=0.97±.20; Best double couple; M=3.67300x10^16 Np1.5=248.00000°.576.00000°.A=50.00000°. NP2: 0=354.00000°.842.00000°.A=159.00000°. Principal axes: T 2.5470, P1g21.00000°, Azm309.00000°; N 2.2590, P1g38.00000°, Azm57.00000°; P -4.8000, P1g44.00000°, Azm197.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01:02:38.11, 2.0-0.5, 31.99N, 0.03, 82.51E, 0.03, h9km, 3km, h9km, p-P, n474, 1998/457, mb4.7/162, MS4.0/89, 30C-18D, Xizang

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations including PTH, LGTI, SMLA, BHK, DHRM, THN, SONA, KUDL, JMU, KHET, GTK, LSA, PTH, LGTI, SMLA, BHK, DHRM, THN, SONA, KUDL, JMU, KHET, GTK, LSA, etc.

2017 SEP

Main table with columns: TDK, Taldyqorghan, 13.38 347, Pn, 02 41 21.2 -0.1. Lists seismic events with details like TDK, Taldyqorghan, IUG, IUG, IUG, IUG, IUG, IUG, etc.

1d 2h

Table with columns: GYA, comp=Z,92nm,3.5s, pmax, pmax, 02 43 04.9 -0.7. Lists seismic stations and their corresponding data points.











1d 3h

2017 SEP

Table with columns: BRTR, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Keskin Array B, JIRN, DANN, GKN, RAMN, PYUN, KEST, CMAR, BOSB.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Visiviri, LPAZ, AP01, PB16, GO01, TA02, PB08, TA01, NNA, NNA, NNA.

Table with columns: Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Francisco Belt, PRAC, CRSM, UNIC, PTGC, UNISTADA, ORTEGA, OLTEGA, LDASE, ML02, BOAT, CHIC, BOAV, BOAV, BOAV, RDDS, RIOS, ROSC.

IDC 01 03:34:25.1+1.4, 32.26Nk:40.30W, h0km, mb3.6/13, s-min=20.6km az=180.0

IDC 01 03:34:26.6+1.3, 32.33N:03:40.3W:0.1, h10km, n4T, e131/13, mb3.7/13, MS3.5/35, Northern Mid-Atlantic Ridge

IDC 01 03:34:26.6+1.3, 32.33N:03:40.3W:0.1, h10km, n4T, e131/13, mb3.7/13, MS3.5/35, Northern Mid-Atlantic Ridge

Main station list table, columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like SCHEFFERVILLE, MIDWATER, SADO, EKA, SFJUD, TKL, FRB, KOWA, DAVOX, KEST, TORD, GERS, NOA, TEIG, ULM, HFS, VRAC, JTS, H10N2, H10N3, H10N1, H10S3, H10S2, FINES, MLR, AKASG, TXAR, ANMO, PDAR, YKA, NEW, BRTR, ELK, INK, NVAR, NVAR, PBO, DFC, BBB, YBH, ILAR, AKTO, KMBO, KURBB, ZALV, MATP, SHEM.

Main station list table, columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Visiviri, LPAZ, AP01, PB16, GO01, TA02, PB08, TA01, NNA, NNA, NNA, LVC, LVC, LVC, ETMB, CZSB, SCV, SIV, SBML, SAML, SAML, SAML, SAML, VLB, VLB, ATAH, PTBL, LCO, BDQN, PDRB, MCRA, CO05, TIGA, GO04, SALV, ESFA, AQDB, CO03, VACA, CLDB, PPIB, ANOJ, COHC, COHJ, MACA, PTLC, CFA, PIAT, ANA, SCAT, CPUP, CPUP, CPUP, AMBA, VA03, VA03, BONI, NCB, CZSB, PEL, PACO, PACO, PACO, FLOC, MACC, MCCR, CRUC, MECA, MT13, MT13, MT09, GARC, LMEL, LMEL, MT01, MT01, ARAG, BO04, BO04, ITTB, BO01, BO01, POPC, BO02, BO02, IT0B, IT0B, IT0B, SNDB, JAMC.

Main station list table, columns: Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like ITAB, ITAB, PLMC, GUY2V, GB19B, TAMC, BDFB, HELC, BARS, PLTB, PRPB, PAMC, OSBC, ZARC, TROA, MCBP, GO06, SDV, SDV, SDV, PARB, PLCA, PLCA, PLCA, PLCA, MDP, MARC, SJCC, BCIP, PCRV, MDP, TRIGA, TRIGA, NHSC, GOGA, GOGA, Z51A, LRAL, LRAL, LRAL, Y52A, VBMS, W57A, KMSC, KMSC, X51A, W52A, V55A, X48A, V53A, NATX, W50A, CPCT, TKL, U56A, SWET, SWET, HND0, T59A, U54A, PL7A, DRIO, TZTN, TZTN, V48A, V48A, BLA, WLAR, CLTN, JCT, U49A, WHTX.

VAO 01 03:42:16.0+2.1, 15.55S:070:76W, h154km, mb4.5, IDC 01 03:42:17.6+1.0, 15.53S:070:62W, h178km, mb4.0/17, mbmp4.5/22, Error ellipse: s-maj=14.6km s-min=9.2km az=53.0

NEIC 01 03:42:17.4+2.1, 15.55S:070:76W:0.1, h170km, mb4.6/234, Error ellipse: s-maj=14.1km s-min=3.4km az=81.0

VAO 01 03:42:16.0+2.1, 15.55S:070:76W, h154km, mb4.5, IDC 01 03:42:17.6+1.0, 15.53S:070:62W, h178km, mb4.0/17, mbmp4.5/22, Error ellipse: s-maj=14.6km s-min=9.2km az=53.0

Table with columns: Station, Name, Az, Alt, Elevation, Azimuth, Distance, Type, etc. Includes stations like WHTX Lake Whitney, CBN Corbin Frederi, WVT Waverly, etc.

Table with columns: Station, Name, Az, Alt, Elevation, Azimuth, Distance, Type, etc. Includes stations like I37A Lemond, Waseca, S22A 4UR Ranch, Cre, Q24A Divide, etc.

Table with columns: Station, Name, Az, Alt, Elevation, Azimuth, Distance, Type, etc. Includes stations like MFID Camas Ranch, EGMT Eagleton, QSPA South Pole Quai, etc.

Table with columns: Code, Station Name, Az, Alt, Elevation, Azimuth, Distance, Type, etc. Includes stations like KHZ Kahutara, GVZ Greta Valley S, etc.

B/JJ 01 03:47:30.3, 0.12, 14S; 112:99E, h30km, mb4.8/8, mB5, 1/23, Mc4.7/3, Me7.4/5, etc.

Azm235.0000°: nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, Res. Includes stations like JAGI, GJM, IGBI, DNP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, Res. Includes stations like CRAI, GYA, PZH, H0BS2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, Res. Includes stations like H04N3, TARG, KDJ, etc.







1d 6h

Table of station data for the 1d 6h period, including station names (e.g., AKT, SEAG, GNBR), frequencies, and various signal quality metrics.

2017 SEP

Table of station data for the 2017 SEP period, including station names (e.g., KDMR, DRN, ARUZ), frequencies, and various signal quality metrics.

14

Table of station data for the 14th day, including station names (e.g., KBCT, ASTR, ASTR), frequencies, and various signal quality metrics.

WEL 01:06:46:14.5:0.7, 39°S, 3°E, h24km, 6km, M3.0/48, ML3.5/13, MLV3.0/48, Error ellipse: s-maj=0.0km s-min=0.0km az=123.7, confirmed, North Island

Table of station data for the 14th day, including station names (e.g., NMHZ, ARHZ, BKZ), frequencies, and various signal quality metrics.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like WNWV, WHVZ, HLRZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like ECAB, ECAB, ECAB, etc.

IDC 01 06:58:31.5:2.1, 6.42S:149.38E, h36km, 17km, mb4.0/13, mbmp4.2/17, ML2.4/23, MS3.6/19, Error ellipse: s-maj=22.3km s-min=12.8km az=101.0 NEIC 01 06:58:32.1:1.9, 6.42S:0.05:149.27E:0.08, h41km, 7km, mb4.5/23, Error ellipse: s-maj=12.4km s-min=4.3km az=59.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like KRVT, KRVT, KRVT, etc.

IDC 01 06:49:22.0:3.8, 53.69N:88.19E, h0km, mbmp2.6/3, ML2.2/3, Error ellipse: s-maj=36.9km s-min=20.7km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 01 06:55:18.7:2.7, 54.10N:86.47E, h0km, mbmp3.2/2, ML2.8/2, Error ellipse: s-maj=22.2km s-min=13.4km az=54.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like PMG, RABL, RABL, etc.

IDC 01 06:57:49.5, 36.57N:3.02W, h4km, ML2.7/7, ML2.8/7, ML2.6/7 MDD 01 06:57:50.7:0.4, 36.59N:2.98W, h12km, mb\_Lg2.6/21, Error ellipse: s-maj=25km s-min=2km az=167.0 CNRM 01 06:57:52.6, 36.29N:3.21W, h47km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 01 07:07:37.2:2.7, 53.59N:86.90E, h0km, mbmp2.8/1, ML2.8/1, Error ellipse: s-maj=25.2km s-min=14.8km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

SFS 01 06:57:49.5, 36.57N:3.02W, h4km, ML2.7/7, ML2.8/7, ML2.6/7 MDD 01 06:57:50.7:0.4, 36.59N:2.98W, h12km, mb\_Lg2.6/21, Error ellipse: s-maj=25km s-min=2km az=167.0 CNRM 01 06:57:52.6, 36.29N:3.21W, h47km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like EBER, EBER, EBER, etc.

IDC 01 07:22:14.9:3.3, 6.53S:147.83E, h0km, mb3.2/1, mbmp3.3/3, ML3.2/1, Error ellipse: s-maj=85.7km s-min=35.2km az=100.0, Eastern New Guinea region

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

IDC 01 07:29:41.1:2.4, 54.30N:85.98E, h0km, mbmp3.2/2, ML2.9/2, Error ellipse: s-maj=17.7km s-min=10.5km az=93.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 01 07:30:35.0:0.0, 33.77N:0.1:132.7E:0.1, h41km, MD3.7/40, MD4.1/40, NE EHIME PREF. IDC 01 07:30:34.4:0.9, 33.78N:132.80E, h44km, 8km, mb3.6/8, mbmp3.8/10, ML3.0/2, MS2.7/1, Error ellipse: s-maj=13.8km s-min=9.1km az=148.0 NIED 01 07:30:35.0, 33.77N:132.67E, h41km, MW3.9 Moment Tensor Solution: s3 Moment tensor: Scale: 10^14Nm; M1=7.58; M2=0.1; M3=5.57; M4=1.95; M5=2.23; M6=0.62; Fault plane solution: M1: 7.3700x10^14 NP1: 0.234, 0.0000, 0.619, 0.0000, A: -102.00000, NP2: 0.163, 0.0000, 0.840, 0.0000, A: -76.00000, ISC 01 07:30:34.5:0.7, 33.72N:0.03:132.71E:0.04, h42km, 6km, n3, 0.90/35, mb3.8/8, 8D, Shikoku

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like VVDA, SBA, SBA, etc.

IDC 01 07:07:37.2:2.7, 53.59N:86.90E, h0km, mbmp2.8/1, ML2.8/1, Error ellipse: s-maj=25.2km s-min=14.8km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 01 07:22:14.9:3.3, 6.53S:147.83E, h0km, mb3.2/1, mbmp3.3/3, ML3.2/1, Error ellipse: s-maj=85.7km s-min=35.2km az=100.0, Eastern New Guinea region

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

IDC 01 07:29:41.1:2.4, 54.30N:85.98E, h0km, mbmp3.2/2, ML2.9/2, Error ellipse: s-maj=17.7km s-min=10.5km az=93.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 01 07:30:35.0:0.0, 33.77N:0.1:132.7E:0.1, h41km, MD3.7/40, MD4.1/40, NE EHIME PREF. IDC 01 07:30:34.4:0.9, 33.78N:132.80E, h44km, 8km, mb3.6/8, mbmp3.8/10, ML3.0/2, MS2.7/1, Error ellipse: s-maj=13.8km s-min=9.1km az=148.0 NIED 01 07:30:35.0, 33.77N:132.67E, h41km, MW3.9 Moment Tensor Solution: s3 Moment tensor: Scale: 10^14Nm; M1=7.58; M2=0.1; M3=5.57; M4=1.95; M5=2.23; M6=0.62; Fault plane solution: M1: 7.3700x10^14 NP1: 0.234, 0.0000, 0.619, 0.0000, A: -102.00000, NP2: 0.163, 0.0000, 0.840, 0.0000, A: -76.00000, ISC 01 07:30:34.5:0.7, 33.72N:0.03:132.71E:0.04, h42km, 6km, n3, 0.90/35, mb3.8/8, 8D, Shikoku

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

1d 7h

2017 SEP

16

Table listing station data for 1d and 7h periods. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time (ISC), and Res. Includes stations like KJI, JHT, JMT, JMK, JMN, etc.

Table listing station data for 2017 SEP. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time (ISC), and Res. Includes stations like MCM, CAMAV, VRLB, HORNC, etc.

Table listing station data for 2017 SEP. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time (ISC), and Res. Includes stations like CRIS3, CEDA, CACAO, etc.









Table with columns for station code, name, coordinates, and various data points. Includes stations like Suwalki, PSZ, KWP, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like HNS, TIA, GTA, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like KBK, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like WPHZ, CAW, PAWZ, etc.

IDC 01 07:55:41.9.3.3.53:64N:87:86E, h0km, mbtmp2.7/1, ML2.6/1, Error ellipse: s-maj=28.0km s-min=15.9km az=66.0

NNC 01 07:55:43.2.2.6.53:49N:87:72E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=19.6km s-min=12.5km az=63.0

Suspected Mining explosion, ISC 01 07:55:42.9.3.6.53:53N:01:87.7E:0.2, h0km, n7, r125/11, 6C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I46RU, ZAAO, ZAAO, etc.

INMG 01 08:01:13.1.1.36:85N:10:73W, h38km, ML1.7, Error ellipse: s-maj=8.4km s-min=5.0km az=98.0

CNRM 01 08:01:17.6.36:20N:9:41W, h2km, ml3.4, ISC 01 08:00:55.1.2.4.36:53N:0:05-11:2W:0.1, h16km, 12km, n24, i193/37, 1C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Vila Bisbo, Sao Teotonio, Nicolau / Gran, etc.

IDC 01 08:16:11.3.3.5.53:90N:86:89E, h0km, mbtmp2.6/1, ML2.5/1, Error ellipse: s-maj=28.7km s-min=16.9km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.

IDC 01 08:20:43.9.0.10:63N:140:19E, h0km, mb3.8/7, mbtmp4.0/9, ML4.6/2, MS2.8/1, Error ellipse: s-maj=37.0km s-min=18.2km az=100.0

NEIC 01 08:20:46.0.1.2.10:68N:0:10:140:20E:0.09, h10km, 2km, mb4.5/25, Error ellipse: s-maj=18.7km s-min=10.9km az=217.0

IDC 01 08:20:49.2.0.7.10:80N:0:10:140:3E:0.1, h35km, n40, i071/41, mb4.4/18, Western Caroline Islands

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

AS31 Alice Springs 34.63 190 P P 08 27 34.8 -0.5, ASAR Alice Springs 34.63 190 P P 08 27 34.4 -0.9, ASAR Alice Springs 34.63 190 P P 08 27 35.2 -0.1

STKA Stephens Creek 42.25 178 P P 08 28 38.2 -1.0, comp=2.1, 8nm, 1.0s, baz=336, slow=12, SNR=2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like MVSF, AMKA, KIWB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I28M, HYT, I30M, NVAR.

MEX 01 08:22:41.2.0.4.16:39N:98:24W, h7km, 5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like PNIG, VOIG, VOIG, etc.

IDC 01 08:24:26.9.3.0.53:92N:86:65E, h0km, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=24.5km s-min=14.7km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.

IDC 01 08:24:51.1.3.7.54:15N:87:43E, h0km, mbtmp2.5/2, ML2.4/2, Error ellipse: s-maj=33.3km s-min=20.2km az=46.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.

MEX 01 08:25:16.9.0.4.15:78N:94:94W, h16km, 4km, MD4.3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like NILT, HUIG, HUIG, etc.

IDC 01 08:25:49.2.0.7.10:80N:0:10:140:3E:0.1, h35km, n40, i071/41, mb4.4/18, Western Caroline Islands

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

IDC 01 08:26:55.7.3.2.53:53N:87:82E, h0km, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=28.8km s-min=18.6km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.

IDC 01 08:28:17.6.3.3.53:62N:87:94E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=32.9km s-min=18.8km az=54.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.





Table with columns: BORG, Name, Value, Unit, Status, Date, Time, etc. Includes entries like DYE2, NUUK, SFJD, etc.

Table with columns: Name, Value, Unit, Status, Date, Time, etc. Includes entries like KEST, ULM, CUC, etc.

Table with columns: Name, Value, Unit, Status, Date, Time, etc. Includes entries like BLOK, MAYO, H27K, etc.

ISCO	comp=Z,7.2nm,1.3s baz=44	48.05 281	P	P	09 43 10.1	-1.0	BPWV	comp=Z,14nm,1.4s	49.99 329	P	P	09 43 25.5	+0.1	CAPN	Captain Cook N baz=38	52.64 327	P	P	09 43 15.1	-0.1		
BW06	Boulder Array	48.05 287	P	IAMB	09 43 12.1	+1.1	BPWV	Bear Paw Mtn.	50.01 291	P	P	09 43 27.6	+1.6	M19K	Big River Lodg Big River Lodg	52.69 329	P	P	09 43 46.0	+0.4		
BW06	comp=Z,7.6nm,1.4s				09 43 13.3		HLID	Halley	50.01 291	P	P	09 43 27.1	+1.1	M19K	Big River Lodg	52.69 329	P	P	09 43 44.9	-0.7		
BW06	Boulder Array	48.05 287	P	P	09 43 10.0	-1.0	HLID	Halley	50.01 291	P	P	09 43 27.1	+1.1	ABKAR	Abkukul array	52.78 55	P	P	09 43 45.8	-0.6		
PD31	Pinedale Array	48.05 287	P	P	09 43 12.3	+1.2	HKT	hockeys	50.03 265	P	P	09 43 25.4	+0.6	ABKAR	Abkukul array	52.78 55	IAMB	IAMB	09 43 52.2			
PD31	comp=Z,6.8nm,1.4s				09 43 13.3		HKT	HKT	50.03 265	IAMB	IAMB	09 43 29.9		MTPU	Mount Pierson	52.84 284	P	P	09 43 48.3	+0.8		
PDAR	Pinedale Array	48.05 287	P	P	09 43 12.4	+1.4	ABTX	Abilene, Hawle	50.07 270	IAMB	IAMB	09 43 29.4		WVOR	Wild Horse Val	52.87 295	P	P	09 43 48.7	+0.6		
PDAR	Pinedale Array	48.05 287	P	P	09 43 12.8	+1.8	ABTX	Abilene, Hawle	50.07 270	P	P	09 43 27.2	+0.9	GDL2	Guadalupe Moun	52.98 274	P	P	09 43 46.9	-1.4		
PDAR	comp=Z,0.6nm,0.6s,baz=58,slow=5.6,SNR=7.9				10 02 31.5		ABTX	Abilene, Hawle	50.07 270	P	P	09 43 27.2	+0.9	K17K	Iditarod	53.09 331	P	P	09 43 47.8	-0.7		
T35M	Bob Quinn	48.05 313	P	P	09 43 09.9	-0.6	M24K	Tolsona, Glenn	50.08 325	P	P	09 43 27.8	+1.7	PINE	Pine Mountain	53.14 295	P	IAMB	IAMB	09 43 49.9	+0.5	
NEW	Newport	48.10 297	P	P	09 43 10.7	-0.4	S22A	4UR Ranch, Cre	50.19 280	P	IAMB	IAMB	09 43 28.4	+0.9	PINE	Pine Mountain	53.14 295	P	IAMB	09 44 05.7		
NEW	Newport	48.10 297	P	P	09 43 11.0	-0.1	S22A	4UR Ranch, Cre	50.19 280	P	P	09 43 37.3		J16K	Anvik River	53.20 333	P	P	09 43 48.9	-0.4		
NEW	Newport	48.10 297	LR	LR	10 02 23.5		WAT6	Susitna Watana	50.20 326	P	P	09 43 29.2	+1.7	833A	Chaparral WMA	53.24 266	P	P	09 43 50.1	0.0		
E20K	Nigu River	48.10 335	P	P	09 43 10.5	-0.4	CRAC	Craig	50.26 313	P	P	09 43 28.2	+1.0	SAND	Sanderson	53.47 270	P	IAMB	IAMB	09 43 52.8	+0.9	
HYT	Haines Junctio	48.13 320	P	P	09 43 13.1	+1.8	WAT6	Susitna Watana	50.20 326	P	P	09 43 28.9	+1.5	SAND	Sanderson	53.47 270	P	IAMB	IAMB	09 43 54.8		
HYT	Haines Junctio	48.13 320	P	P	09 43 11.1	-0.2	CRAC	Craig	50.26 313	P	P	09 43 28.2	+1.0	L17K	Donlin	53.57 331	P	P	09 43 50.8	-1.2		
BVCY	Beaver Creek	48.15 323	P	P	09 43 11.2	-0.1	WAT1	Susitna Watana	50.26 327	P	P	09 43 29.1	+1.7	N19K	Bonanza Creek	53.59 328	P	P	09 43 53.1	+0.7		
YUK4	Talbot Arm	48.16 321	P	P	09 43 10.5	-1.1	TRF	Thorofore Moun	50.30 328	IAMB	IAMB	09 43 36.2		N19K	Bonanza Creek	53.59 328	P	P	09 43 51.8	-0.5		
KOWA	Kowa	48.18 139	LR	LR	10 00 38.5		TRF	Thorofore Moun	50.30 328	P	P	09 43 29.1	+1.2	MDP	Montagnes des	53.65 323	LR	LR	10 01 42.4			
POKR	Poker Plat Res	48.22 329	P	P	09 43 11.4	-0.4	H19K	Roundabout Mou	50.33 333	P	P	09 43 28.8	+1.0	J05D	Fort Rock, OR	53.65 295	P	P	09 43 54.1	+0.9		
F21K	Alatna River	48.25 333	P	P	09 43 11.4	-0.6	E17K	Hotham Inlet	50.33 336	P	P	09 43 28.3	+0.4	TEIG	Tepich	53.81 250	LR	LR	10 05 51.9			
H23K	Yukon River	48.28 330	P	P	09 43 13.8	+1.6	KTH	Kantishna Hill	50.40 329	P	P	09 43 29.5	+1.0	CCUT	Cedar City	53.83 283	P	P	09 43 54.9	+0.3		
H23K	Yukon River	48.28 330	P	P	09 43 11.9	-0.4	I20K	Naaghdeneel	50.40 331	P	P	09 43 30.2	+1.8	K05A	Summer Lake	53.89 294	P	P	09 43 53.8	-1.2		
SKAG	Skagway	48.30 318	P	P	09 43 12.1	-0.3	BMRM	Bremner River	50.43 324	P	P	09 43 29.4	+0.6	MNTX	Cornudas Mount	53.92 274	P	P	09 43 54.5	-0.6		
IL31	Eielson Array	48.31 328	P	P	09 43 13.6	+1.2	KLK	Klutina	50.46 325	P	P	09 43 29.6	+0.6	MNTX	Cornudas Mount	53.92 274	P	P	09 43 54.9	-0.2		
ILAR	Eielson Array	48.31 328	P	P	09 43 12.2	-0.3	BBB	Bella Bella	50.48 307	LR	LR	10 03 55.2		KNB	Kanab	53.94 284	P	IAMB	IAMB	09 43 55.8	+0.5	
ILAR	Eielson Array	48.31 328	P	P	09 43 14.8	+2.3	CHUM	Lake Minchumini	50.53 330	P	P	09 43 30.4	+1.0	M17K	Holtna River	53.94 330	P	P	09 43 52.5	-2.2		
ILAR	comp=Z,6.2nm,1.1s,baz=35,slow=6.0,SNR=26				10 05 57.3		G18K	Tagagawuk	50.57 334	P	P	09 43 30.1	+0.4	N18K	Little Creek M	54.17 284	P	P	09 43 55.0	-1.0		
YUK6	Outpost Mounta	48.35 321	P	P	09 43 13.5	+0.4	SPUT	South Promonto	50.60 287	P	IAMB	IAMB	09 43 31.2	+0.8	LCMT	Little Creek M	54.17 284	P	P	09 43 57.5	+0.5	
D19K	Kuna River	48.35 336	P	P	09 43 13.7	+0.9	SPUT	South Promonto	50.60 287	P	IAMB	IAMB	09 43 33.5		WUAZ	Wupatki	54.29 282	P	P	09 43 56.8	-1.0	
KBZ	Khabaz	48.40 71	P	P	09 43 12.6	-0.8	BRDY	Brady	50.74 268	P	IAMB	IAMB	09 43 31.5	+0.1	BRVK	Borovoye	54.33 46	P	IAMB	IAMB	09 43 55.8	+0.8
KBZ	comp=Z,2.1nm,0.8s,baz=284,slow=7.3,SNR=2.8				10 05 00.8		BRDY	Brady	50.74 268	P	IAMB	IAMB	09 43 33.7		BRVK	Borovoye	54.33 46	P	IAMB	IAMB	09 44 00.0	
237A	Washetta, Mont	48.44 266	P	P	09 43 15.2	+1.3	POST	Post	50.76 272	IAMB	IAMB	09 43 34.5		BVAR	Borovoye Array	54.40 46	P	LR	LR	09 43 56.9	-1.3	
237A	comp=Z,2.1nm,0.8s				09 43 26.9		POST	Post	50.76 272	IAMB	IAMB	09 43 34.5		BVAR	Borovoye Array	54.40 46	P	LR	LR	10 05 18.3		
YUK3	Moose Creek	48.47 322	P	P	09 43 13.2	-0.9	CBB	Campbell River	50.77 304	P	IAMB	IAMB	09 43 33.0	+1.6	R11B	Troy Canyon, C	54.41 287	P	P	09 43 58.4	-0.4	
L26K	Log Cabin Wild	48.52 325	P	P	09 43 13.5	-0.7	CBB	Campbell River	50.77 304	P	IAMB	IAMB	09 43 34.8		EIL	Eilat	54.49 89	LR	LR	10 08 07.0		
M27K	Edge Creek, AK	48.53 324	P	P	09 43 14.9	+0.5	MSTX	Muleshoe	50.77 274	P	P	09 43 32.7	+1.0	BAUV	El Baul	54.55 222	P	P	09 44 00.2	+0.5		
MDM	Murphy Dome	48.56 329	P	P	09 43 14.5	+0.1	M23K	Glacier View	50.80 326	P	P	09 43 32.1	+0.6	O18K	Koktuh Hills	54.58 226	P	P	09 43 59.0	-0.5		
HDA	Harding Lake	48.60 328	P	P	09 43 16.3	+1.6	J20K	Nowinta River	50.80 331	P	IAMB	IAMB	09 43 32.9	+1.4	Q20K	Shuyak Island	54.75 326	P	P	09 44 00.5	-0.1	
HDA	Harding Lake	48.60 328	P	P	09 43 19.4		J20K	Nowinta River	50.80 331	P	P	09 43 32.1	+0.7	L15K	Ungalak Mounta	54.78 332	P	P	09 43 58.9	-2.0		
HDA	comp=Z,9.1nm,1.0s				09 43 15.1	+0.4	CAST	Castle Rocks	50.83 329	P	IAMB	IAMB	09 43 33.6	+1.9	TX31	Lajitas Ar. Si	54.80 271	P	IAMB	IAMB	09 44 02.9	+1.3
FW06	Azle	48.66 269	P	P	09 43 16.3	+0.7	CAST	Castle Rocks	50.83 329	P	IAMB	IAMB	09 43 35.7		TX32	Lajitas Array	54.80 271	P	P	09 44 01.5	-0.1	
FW06	comp=Z,14nm,1.2s				09 43 18.4		CAST	Castle Rocks	50.83 329	P	P	09 43 32.9	+1.1	TX32	Lajitas Array	54.80 271	P	P	09 44 03.8	+2.2		
CCB	Clear Creek Bu	48.67 328	P	P	09 43 16.5	+1.3	PV02	Paradox Valley	50.88 282	P	IAMB	IAMB	09 43 31.8	-0.8	TXAR	comp=Z,1.8nm,1.1s						
CCB	comp=Z,14nm,1.2s				09 43 19.9		PV02	Paradox Valley	50.88 282	P	IAMB	IAMB	09 43 37.2		TXAR	comp=Z,1.8nm,1.1s						
K24K	Donnelly Dome	48.70 327	P	P	09 43 14.6	-1.0	SML	Sawmill	50.98 326	P	P	09 43 33.8	+0.9	PRN	Pahroc Range	54.83 286	P	P	09 44 02.1	+0.4		
H22K	Ishlaltina Cre	48.72 331	P	P	09 43 14.5	-1.2	SML	Sawmill	50.98 326	P	P	09 43 33.7	+0.9	Q19K	Cape Douglas,	54.88 326	P	P	09 43 59.9	-1.8		
I23K	Minto, Yukon-K	48.74 329	P	P	09 43 17.3	+1.6	AKTO	Aktuybinsk	51.06 55	P	P	09 43 33.6	0.0	P18K	Big Mountain,	54.97 328	P	P	09 44 01.3	-1.0		
I23K	Minto, Yukon-K	48.74 329	P	P	09 43 13.2	-1.4	AKTO	Aktuybinsk	51.06 55	P	P	09 43 33.6	0.0	S11A	Rachel	55.02 287	P	IAMB	IAMB	09 44 03.9	+0.7	
G21K	Allakaket	48.80 332	P	P	09 43 15.4	-0.8	CUT	Chulitna	51.10 327	P	P	09 43 33.3	-0.4	S11A	Rachel	55.02 287	P	IAMB	IAMB	09 44 15.8		
R32K	Eaglecrest	48.82 316	P	P	09 43 15.4	-1.1	MPU	Maple Canyon	51.10 286	P	P	09 43 34.4	0.0	N16K	Nishlik Lake	55.08 330	P	P	09 44 01.8	-1.2		
M26K	Nabesna, AK	48.86 324	P	P	09 43 16.1	-0.7	H18K	Honhosa River	51.10 333	P	P	09 43 34.1	+0.4	KVN	Kaiserville	55.19 289	P	IAMB	IAMB	09 44 05.0	+0.6	
O29M	Mount Kennedy	48.88 320	P	P	09 43 16.0	-1.1	KNK	Knik Glacier	51.32 326	P	P	09 43 35.8	+0.4	KVN	Kaiserville	55.19 289	P	IAMB	IAMB	09 44 07.7		
WRH	Wood River Hill	48.88 328	P	P	09 43 18.3	+1.4	J19K	Poorman	51.34 331	P	P	09 43 36.2	+0.7	K13K	Kusilvak Mount	55.35 334	P	P	09 44 04.0	-0.9		
WRH	comp=Z,9.3nm,1.1s				09 43 29.4		G17K	Kiwalik Mounta	51.37 335	P	P	09 43 36.2	+0.5	PAHR	Pahrah Range	55.37 291	IAMB	IAMB	09 44 09.4			
F20K	Avaarag Lake	48.94 334	P	P	09 43 16.7	-0.6	NLU	North Lily Mtn	51.38 286	P	P	09 43 38.3	+1.9	L14K	Kuka Creek	55.37 333	P	P	09 44 03.9	-1.2		
E19K	Redstone River	48.98 335	P	P	09 43 15.9	-1.7	PMR	Palmer	51.38 326	P	P	09										

















D24K	Happy Valley bazz=44	45.79 373	P	P	10 45 53.6	-1.3
KAN13	South Haven SW Steamboat Moun bazz=47	45.82 273 45.86 327	P P	P P	10 45 56.2 10 45 55.5	+0.7 +0.1
FARO	Faro, Yukon	45.89 320	P	IAMB	10 45 57.5	+1.8
FARO	Faro, Yukon bazz=49,SNR=9.1	45.89 320	P	IAMB	10 45 55.4	-0.4
BMAR	Burnt Mountain	45.90 330	P	P	10 45 55.9	+0.1
I28M	Miner Creek bazz=47	45.91 326	P	P	10 45 55.2	-0.8
A21K	Barrow bazz=40	45.95 338	P	P	10 45 55.9	-0.1
G26K	Porcupine River bazz=46	46.01 329	P	P	10 45 56.4	-0.2
Z41A	Richard Creek	46.03 265	P	P	10 45 58.7	+1.5
F25K	Christian River bazz=45	46.08 330	P	P	10 45 55.8	-1.4
BR131	Keskin Array S BR131	46.10 82	P	IAMB	10 45 59.0	+1.2
BRTR	Keskin Array B bazz=47	46.10 82	P	P	10 45 58.7	+0.9
BRTR	Keskin Array B comp=Z,3.7nm,0.9s,bazz=317,slow=5.0,SNR=26	46.10 82	P	P	10 45 59.0	+1.2
BRTR	Keskin Array B comp=Z,1.2nm,0.9s,bazz=241,slow=1.3,SNR=5.7	46.10 82	P	P	10 47 32.8	-1.1
K29M	Barlow Dome bazz=46	46.23 323	P	P	10 45 58.5	0.0
M31M	Drury Creek, Y bazz=46	46.27 320	P	P	10 45 57.9	-0.8
344A	Westbrook Farm 344A	46.28 262	P	IAMB	10 45 59.5	+0.4
I27K	Kandik River bazz=46	46.32 327	P	P	10 45 58.5	-0.6
TOLK	Toolik Lake Re bazz=43	46.35 333	P	P	10 45 58.8	-0.5
D23K	Nanushuk River bazz=43	46.38 334	P	P	10 45 59.3	-0.2
RLMT	Red Lodge comp=Z,8.6nm,1.3s	46.48 289	IAMB	IAMB	10 46 03.8	
RLMT	Red Lodge bazz=47	46.48 289	P	P	10 46 00.4	-0.4
E24K	Your Creek bazz=44	46.48 332	P	P	10 45 59.9	-0.5
N32M	Quiet Lake bazz=48	46.50 319	P	P	10 46 00.1	-0.5
DAWY	Dawson	46.59 324	P	P	10 46 02.9	+0.9
DAWY	Dawson	46.59 324	P	P	10 46 01.4	-0.6
FYU	Fort Yukon bazz=47,SNR=9.9	46.69 329	P	P	10 46 02.5	+0.6
OK029	Liberty Lake OK029	46.70 271	P	IAMB	10 46 02.9	+0.4
K22A	Casper bazz=46	46.73 285	P	P	10 46 01.8	-1.0
F24K	Squaw Lake bazz=44	46.73 331	P	P	10 46 02.2	-0.1
E23K	Chandler bazz=43	46.79 332	P	P	10 46 02.9	+0.1
G25K	Bearman Lake bazz=44	46.79 330	P	P	10 46 02.3	-0.4
M30M	Minto, Yukon bazz=47	46.85 322	P	P	10 46 02.3	-1.0
R33M	Jennings River bazz=48,SNR=5.7	46.89 316	P	P	10 46 03.2	-0.5
D22K	Aiyikyak River bazz=41	46.93 334	P	P	10 46 02.9	-0.9
L29M	L29M bazz=47,SNR=5.5	46.93 323	P	P	10 46 04.6	+0.7
YNE	Yellowstone No comp=Z,5.5nm,1.0s	46.94 290	IAMB	IAMB	10 46 20.8	
I26K	Coal Creek Min bazz=45	46.98 327	P	P	10 46 02.9	-1.3
P33M	Teslin, Yukon bazz=48	47.04 318	P	P	10 46 05.0	+0.2
B20K	Meade River bazz=39	47.08 337	P	P	10 46 04.7	-0.2
DLBO	Dease Lake bazz=48	47.16 314	P	P	10 46 05.6	-0.2
DLBC	Dease Lake comp=Z,434nm,18.8s,bazz=18,slow=36	47.16 314	LR	LR	11 05 29.3	
ELMT	Elliston bazz=47,SNR=5.5	47.18 293	P	P	10 46 07.1	+0.8
KSCO	Kaye Shedlock bazz=44	47.20 278	P	P	10 46 05.9	+0.5
KSCO	Kaye Shedlock bazz=44	47.20 278	P	P	10 46 05.3	-1.2
C21K	Knifeblade Rid bazz=40	47.21 335	P	P	10 46 05.5	-0.5
G24K	Hadweznic Riv bazz=43	47.22 330	P	P	10 46 05.8	-0.3
NRIK	Noril'sk bazz=41	47.23 24	P	IAMB	10 46 06.7	+0.6
NRIK	Noril'sk comp=Z,13nm,1.4s	47.23 24	P	IAMB	10 46 08.0	
N31M	Braeburn, Yuko bazz=47	47.24 320	P	P	10 46 07.5	+1.1
N31M	Braeburn, Yuko bazz=47	47.24 320	P	P	10 46 05.2	-1.1
E22K	Anaktuvuk Pass bazz=44	47.28 333	P	P	10 46 06.3	-0.3
BOZ	Bozeman (W) comp=Z,6.0nm,1.1s	47.37 291	IAMB	IAMB	10 46 21.6	
M29M	Somme Creek bazz=46,SNR=5.5	47.50 322	P	P	10 46 07.3	-1.2
PRP	Porcupine Dome bazz=44	47.53 328	P	P	10 46 07.2	-1.5
COLD	Coldfoot bazz=42	47.55 332	P	P	10 46 07.1	-1.6
E21K	Kilikil River bazz=40	47.57 334	P	P	10 46 07.4	-1.4
N23A	Red Feather La comp=Z,14nm,1.5s	47.65 283	P	P	10 46 08.9	-1.2
N23A	Red Feather La bazz=46	47.65 289	P	P	10 46 08.3	-1.7
Q32M	Nakina River bazz=47	47.68 316	P	P	10 46 09.4	-0.6
J26L	Joseph Creek comp=Z,4.9nm,0.8s	47.68 327	IAMB	IAMB	10 46 16.4	
J26L	Joseph Creek bazz=44	47.68 327	P	P	10 46 09.3	-0.6
PAPH	Port-au-Prince bazz=44	47.72 233	P	P	10 46 11.1	+0.6
BPMT	Black Pine Rid bazz=44	47.72 293	P	P	10 46 11.1	+0.6
O30N	Mendenhall bazz=46	47.84 320	P	P	10 46 11.4	+0.3
F22K	John River bazz=41	47.85 333	P	P	10 46 10.5	-0.5
YPT	Pitchstone Pla Bananza Creek bazz=42	47.86 289 47.90 331	P P	P P	10 46 10.8 10 46 10.4	-0.9 -1.0
G23K	Bananza Creek bazz=42	47.90 331	P	P	10 46 11.8	-0.3
BNN	Bunyan bazz=47	47.92 81	P	P	10 46 11.8	-0.3
S34M	Telegraph Cree bazz=47	47.95 315	P	P	10 46 11.0	-0.8
H24K	Noodor Dome bazz=42	47.96 330	P	IAMB	10 46 13.1	+1.1
H24K	Noodor Dome comp=Z,5.7nm,0.9s	47.96 330	P	IAMB	10 46 19.1	
D20K	Etiyuk River bazz=38	47.98 336	P	P	10 46 11.2	-0.8
G22K	Bettles bazz=41	48.12 332	P	P	10 46 11.7	-1.4
J25K	Salcha River, J25K	48.14 327	P	IAMB	10 46 14.4	+1.0
J25K	Salcha River, bazz=43	48.14 327	P	IAMB	10 46 16.1	
J25K	Salcha River, bazz=43	48.14 327	P	P	10 46 12.1	-1.2
BCAR	Beaver Creek A bazz=47	48.16 324	P	P	10 46 13.4	0.0
L27K	Beaver Creek, L27K	48.17 324	P	IAMB	10 46 15.2	+1.6
L27K	Beaver Creek, bazz=44	48.17 324	P	IAMB	10 46 16.1	
SCRK	Sand Creek bazz=44	48.19 326	P	P	10 46 15.2	+1.4
SCRK	Sand Creek bazz=44,SNR=10.0	48.19 326	P	P	10 46 12.5	-1.3
MOOW	Moose Ponds bazz=42	48.19 289	P	P	10 46 14.4	+0.2
WMOK	Wichita Mounta WMOK	48.21 271	P	IAMB	10 46 14.9	+0.8
WMOK	Wichita Mounta comp=Z,12nm,1.2s	48.21 271	P	IAMB	10 46 16.6	
T35M	Bob Quinn bazz=47	48.23 313	P	P	10 46 13.8	-0.3
KBZ	Khabaz comp=Z,2.4nm,0.7s,bazz=340,slow=8.5,SNR=4.6	48.24 71	P	P	10 46 14.8	+0.5
E20K	Nigu River bazz=38	48.24 335	P	P	10 46 13.7	-0.3
ISCO	Idaho Springs ISCO	48.25 281	P	IAMB	10 46 15.9	+1.1
ISCO	Idaho Springs comp=Z,1.7nm,1.5s	48.25 281	P	IAMB	10 46 22.3	
PD31	Pinedale Array bazz=45	48.25 287	P	P	10 46 14.9	+0.2
PDAR	Pinedale Array bazz=45	48.25 287	P	P	10 46 15.0	+0.3
PDAR	Pinedale Array bazz=45,slow=7.0,SNR=8.1	48.25 287	P	P	10 46 14.6	-0.1
HYT	Haines Junctio bazz=46,SNR=5.0	48.30 320	P	P	10 46 14.2	-0.6
BVCY	Beaver Creek bazz=45	48.32 323	P	P	10 46 15.0	+0.3
C19K	Lookout Ridge bazz=37	48.32 337	P	P	10 46 14.3	-0.4
YUK4	Talbot Arm bazz=42	48.34 321	P	P	10 46 13.6	-1.4
POKR	Poker Plat Res bazz=42	48.37 329	P	P	10 46 16.0	+1.0
POKR	Poker Plat Res bazz=42	48.37 329	P	P	10 46 14.6	-0.4
F21K	Alatna River bazz=40	48.39 333	P	P	10 46 15.4	+0.1
FXWY	Fox Creek bazz=42	48.41 289	P	P	10 46 16.7	+0.8
H23K	Yukon River bazz=42	48.43 330	IAMB	IAMB	10 46 17.0	+1.5
H23K	Yukon River comp=Z,1.5nm,1.2s	48.43 330	P	P	10 46 18.6	
H23K	Yukon River bazz=41,SNR=5.6	48.43 330	P	P	10 46 15.7	+0.2
IL31	Alatna River bazz=40	48.47 328	P	P	10 46 16.7	+1.0
ILAR	Eielson Array bazz=47	48.47 328	P	P	10 46 16.5	+0.7
ILAR	Eielson Array comp=Z,5.7nm,1.0s,bazz=37,slow=5.8,SNR=34	48.47 328	P	P	10 46 16.4	+0.6
ILAR	Eielson Array comp=Z,5.7nm,1.0s,bazz=37,slow=5.8,SNR=34	48.47 328	P	P	10 47 41.1	-0.5
SKAG	Alatna River bazz=46	48.48 318	P	P	10 46 15.1	-0.8
D19K	Kuna River bazz=37	48.49 336	P	P	10 46 15.2	-0.7
YUK6	Outpost Mounta bazz=45	48.52 321	P	P	10 46 15.6	-0.9
Q24A	Divide bazz=44	48.60 280	P	P	10 46 16.1	-1.4
P30M	Million Dollar bazz=45	48.61 319	P	P	10 46 16.9	0.0
YUK3	Moose Creek bazz=44	48.64 323	P	P	10 46 17.2	-0.3
L26K	Log Cabin Wild comp=Z,4.1nm,1.4s	48.68 325	IAMB	IAMB	10 46 20.7	
L26K	Log Cabin Wild bazz=44	48.68 325	P	P	10 46 16.7	-0.7
M27K	Edge Creek, AK bazz=44	48.69 324	P	P	10 46 16.0	-1.7
HDA	Harding Lake comp=Z,8.2nm,0.9s	48.76 328	IAMB	IAMB	10 46 24.9	
HDA	Harding Lake bazz=42	48.76 328	P	P	10 46 17.1	-0.9
YUK8	Steele Glacier bazz=45	48.76 322	P	P	10 46 16.8	-1.6
CCB	Clear Creek Bu CCB	48.83 328	P	IAMB	10 46 19.1	+0.5
CCB	Clear Creek Bu comp=Z,12nm,1.4s	48.83 328	P	IAMB	10 46 20.1	
K24K	Donnelly Dome bazz=43	48.86 327	P	P	10 46 17.9	-1.0
H22K	Ishlailitna Cre bazz=40	48.87 331	P	P	10 46 17.9	-1.0
I23K	Minto, Yukon-K bazz=41,SNR=8.3	48.89 330	P	P	10 46 20.2	+1.2
I23K	Minto, Yukon-K bazz=41,SNR=8.3	48.89 330	P	P	10 46 18.5	-0.4
G21K	Allakaket bazz=39	48.95 332	P	P	10 46 19.4	0.0
LLL	Lillooet bazz=42	48.96 302	P	IAMB	10 46 21.0	+1.2
LLL	Lillooet comp=Z,7.7nm,1.3s	48.96 302	P	IAMB	10 46 34.2	
R32K	Eaglecrest bazz=45	49.00 317	P	P	10 46 20.9	+1.0
M26K	Nabesna, AK M26K	49.02 324	P	IAMB	10 46 21.9	+1.7
M26K	Nabesna, AK comp=Z,13nm,1.3s	49.02 324	P	IAMB	10 46 22.7	
M26K	Nabesna, AK bazz=43	49.02 324	P	P	10 46 20.3	+0.1
WRH	Wood River Hil comp=Z,15nm,1.3s	49.04 328	IAMB	IAMB	10 46 21.9	
O29M	Mount Kennedy bazz=45	49.05 320	P	P	10 46 21.0	+0.5
F20K	Avartat Lake bazz=38,SNR=5.4	49.08 334	P	P	10 46 21.1	+0.7
E19K	Redstone River bazz=37	49.12 335	P	P	10 46 21.3	+0.6
C09A	Christman River comp=Z,6.3nm,0.9s	49.18 298	IAMB	IAMB	10 46 22.4	
NEA2	Nenana comp=Z,16nm,1.3s	49.23 329	IAMB	IAMB	10 46 24.1	
NEA2	Nenana bazz=41	49.23 329	P	P	10 46 21.8	+0.2
P29M	Windy Craggy bazz=45	49.23 319	P	P	10 46 21.6	-0.2
O28M	Mount Upton bazz=34	49.27 322	P	P	10 46 21.8	-0.6
MLY	Manley bazz=40,SNR=5.5	49.36 330	P	P	10 46 23.1	+0.4
MLY	Manley bazz=40,SNR=5.5	49.36 330	P	P	10 46 22.1	-0.5
R31K	City Hall, Gus bazz=43	49.37 317	P	P	10 46 22.6	-0.1
IMAR	Indian Mountai bazz=43	49.42 332	P	P	10 46 24.0	+0.9
H21K	Melozitna Rive bazz=39	49.43 331	P	P	10 46 24.3	+1.1
H21K	Melozitna Rive bazz=39	49.43 331	P	P	10 46 22.9	-0.3
T25A	Trinidad bazz=42	49.52 278	P	P	10 46 25.6	+1.1
T25A	Trinidad comp=Z,6.7nm,0.9s	49.52 278	P	IAMB	10 46 26.6	
T25A	Trinidad bazz=43	49.52 278	P	P	10 46 24.4	-0.1
WHTX	Lake Whitney, WHTX	49.55 268	P	IAMB	10 46 25.2	+0.8
WHTX	Lake Whitney, comp=Z,13nm,1.3s	49.55 268	P	IAMB	10 46 38.7	
WHTX	Lake Whitney, bazz=40	49.55 268	P	P	10 46 24.5	+0.1
I21K	Tanana bazz=40	49.58 331	P	P	10 46 25.0	+0.7
I21K	Tanana comp=Z,18nm,1.2s	49.58 331	P	P	10 46 26.8	
I21K	Tanana bazz=40</					

1d 10h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2017 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 01 10:54:57.4:0.9,56:85N:33:77W, h0km, mb3.6/11, mbtp3.6/11, Error ellipse: s-maj=29.8km s-min=17.0km az=7.0

ISC 01 10:54:59.3:0.8,56:93N:02:33W, h1km, n12, s0911/12, mb3.7/11, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 01 10:39:28.1:5.6,56:91N:33:96W, h0km, mb3.7/3, mbtp3.7/3, Error ellipse: s-maj=164.9km s-min=69.2km az=16.0, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 01 10:42:58.9:0.8,56:79N:33:74W, h0km, mb3.8/14, mbtp3.7/15, ML3.9/1, Error ellipse: s-maj=26.4km s-min=14.3km az=8.0

NEIC 01 10:43:01.8:1.9,57:0N:0:1:33:7W:0:1, h10km, 1km, mb4.5/28, Error ellipse: s-maj=17.4km s-min=13.3km az=174.0

ISC 01 10:43:01.6:0.5,56:95N:0:10:33:71W:0:06, h1km, n63, s1504/61, mb4.4/28, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

NEIC 01 10:56:55.9:0.9,3:9S:0:1:152:5E:0:1, h232km, 5km, mb4.4/23, Error ellipse: s-maj=22.3km s-min=18.8km az=50.0



2017 SEP

Table with columns: Station, Date, Time, Frequency, Mode, Power, and other technical details. Includes stations like Dobruska-Polom, Bred Ischl, Aus, etc.

Table with columns: Station, Date, Time, Frequency, Mode, Power, and other technical details. Includes stations like Whipple, Corning, Alum Creek Sta, etc.

Table with columns: Station, Date, Time, Frequency, Mode, Power, and other technical details. Includes stations like Cape Girardeau, Miller, Storzhevoje, etc.

J30M	Hart River	45.24	324	P	P	11 07 56.4	-0.7
T35A	Sooner Cattle	45.31	271	P	I Amb	11 07 57.5	-0.4
I29M	Ogilvie Camp	45.35	325	P	P	11 07 58.4	+0.6
G27K	Doyon Strip	45.38	328	P	P	11 07 58.6	+0.5
R32A	Long Quarter	45.43	275	P	I Amb	11 07 59.2	+0.4
OGNE	Ogallala	45.44	280	P	P	11 07 59.1	+0.1
MIAR	Mount Ida	45.45	267	P	I Amb	11 07 59.4	+0.4
MIAR	Mount Ida	45.45	267	P	P	11 07 59.4	+0.4
MIAR	Mount Ida	45.45	267	P	P	11 07 59.6	+0.6
WTLY	Watson Lake, Y	45.48	316	P	P	11 07 59.4	+0.5
F26K	Sheenjek River	45.48	330	P	P	11 07 59.5	+0.7
VBMS	Vicksburg	45.54	262	P	P	11 07 59.8	-0.8
VBMS	Vicksburg	45.54	262	P	P	11 07 59.3	-0.3
E25K	Arctic Village	45.57	331	P	P	11 07 59.2	-0.3
ANTO	Ankara	45.57	82	P	I Amb	11 07 59.9	-0.1
ANTO	Ankara	45.57	82	P	I Amb	11 07 59.9	-0.1
ANTO	Ankara	45.57	82	P	P	11 07 59.9	-0.1
C23K	Ikliklik River	45.61	334	P	P	11 07 60.0	+0.2
TUL3	Leonard	45.65	270	P	P	11 08 00.2	-0.4
TUL3	Leonard	45.65	270	P	P	11 08 00.4	-0.2
KS20	Mayfield South	45.65	273	P	I Amb	11 08 01.0	+0.5
143A	Socs Landing	45.66	263	P	P	11 08 01.2	+0.6
D24K	Happy Valley	45.67	333	P	P	11 07 59.6	-0.7
CBKS	Cedar Bluff	45.71	276	P	I Amb	11 08 00.3	-0.7
CBKS	Cedar Bluff	45.71	276	P	I Amb	11 08 13.6	
CBKS	Cedar Bluff	45.71	276	P	P	11 08 00.3	-0.7
CBKS	Cedar Bluff	45.71	276	P	P	11 08 02.4	+1.4
A22K	Sinclair Lake	45.73	337	P	P	11 08 00.5	-0.2
H27K	Steamboat Moun	45.74	327	P	P	11 08 00.6	-0.4
MAYO	Mayo, Yukon	45.75	322	P	P	11 08 01.0	0.0
KAN09	Caldwell North	45.76	273	P	P	11 08 02.0	+0.6
KAN13	South Haven SW	45.77	272	P	P	11 08 02.3	+0.9
FARO	Faro, Yukon	45.77	320	P	I Amb	11 08 02.1	+0.9
FARO	Faro	45.77	320	P	I Amb	11 08 05.4	
FARO	Faro, Yukon	45.77	320	P	P	11 08 02.2	+0.9
BMAR	Burnt Mountain	45.78	330	P	P	11 08 01.8	+0.6
OK051	E0350 and S346	45.79	271	P	I Amb	11 08 01.5	-0.1
I28M	Miner Creek	45.80	326	P	P	11 08 01.2	-0.3
BLOK	Blackwell	45.81	272	P	I Amb	11 08 02.8	+1.0
BLOK	Blackwell	45.81	272	P	I Amb	11 08 10.5	
WLAR	White Oak Lake	45.84	266	P	P	11 08 02.6	+0.6
G26K	Porcupine River	45.90	329	P	P	11 08 01.9	-0.2
KAN17	Caldwell West	45.90	273	I Amb	I Amb	11 08 11.2	
OK048	Pawnee Station	45.91	271	I Amb	I Amb	11 08 11.2	
J29M	Klondike Camp	45.93	324	P	P	11 08 02.7	+0.2
F25K	Christian River	45.96	330	P	P	11 08 03.3	+0.6
KAN14	Manchester OK	46.08	273	P	P	11 08 04.5	+0.6
DEOK	Depew	46.09	270	P	P	11 08 04.6	+0.6
K29M	Barlow Dome	46.12	323	P	P	11 08 04.6	+0.6
BR131	Keskin Array S	46.13	82	P	I Amb	11 08 03.5	-1.0
BR131	Keskin Array S	46.13	82	P	I Amb	11 08 11.3	
BR131	Keskin Array S	46.13	82	P	P	11 08 04.8	+0.3
BRTR	Keskin Array B	46.13	82	P	P	11 08 03.4	-0.2
BRTR	Keskin Array B	46.13	82	P	P	11 08 05.1	+0.6
BRTR	Keskin Array B	46.13	82	P	P	11 09 39.5	-0.8
M31M	Drury Creek, Y	46.16	320	P	I Amb	11 08 04.5	+0.2
M31M	Drury Creek, Y	46.16	320	P	I Amb	11 08 24.4	
M31M	Drury Creek, Y	46.16	320	P	P	11 08 04.3	0.0
OK031	S. Brethren Rd	46.20	271	I Amb	I Amb	11 08 04.8	0.0
I27K	Kandik River	46.20	327	P	P	11 08 05.6	+1.0
TOLK	Toolik Lake Re	46.23	333	P	P	11 08 05.3	+0.5
344A	Westbrook Farm	46.25	261	P	P	11 08 06.1	+0.9
D23K	Nanushuk River	46.27	333	P	P	11 08 04.8	-0.2
OK032	Salt Plains WL	46.32	273	P	P	11 08 06.0	+0.2
E24K	Your Creek	46.37	322	P	P	11 08 06.7	+0.9
N32M	Quiet Lake	46.39	319	P	P	11 08 06.7	+0.5
N32M	Quiet Lake	46.39	319	P	P	11 08 06.4	+0.2
RLMT	Red Lodge	46.40	289	I Amb	I Amb	11 08 14.6	
RLMT	Red Lodge	46.40	289	P	P	11 08 06.6	0.0
DAWY	Dawson	46.57	324	I Amb	I Amb	11 08 16.0	
DAWY	Dawson	46.57	324	P	P	11 08 08.2	+0.6
F24K	Squaw Lake	46.62	331	P	P	11 08 08.7	+0.9
K22A	Casper	46.66	285	P	I Amb	11 08 09.4	+0.8
K22A	Casper	46.66	285	P	I Amb	11 08 17.5	
K22A	Casper	46.66	285	P	P	11 08 08.3	-0.3
E23K	Chandalar	46.67	332	P	P	11 08 09.2	+0.9
G25K	Bearman Lake	46.68	330	P	P	11 08 08.5	+0.3
SOC	Sochi	46.69	74	eP	P	11 08 06.9	-1.7
SOC	Sochi	46.69	74	ePPP	PPP	11 09 55.6	
SOC	Sochi	46.69	74	eS	S	11 10 38.3	
SOC	Sochi	46.69	74	eSS	SS	11 14 57.3	-0.2
SOC	Sochi	46.69	74	eSSS	SSS	11 18 23.3	0.0
SOC	Sochi	46.69	74	eSSS	SSS	11 19 20.6	
B21K	Ikpikpuk River	46.70	336	P	P	11 08 08.8	+0.4
M30M	Minto, Yukon	46.74	322	P	P	11 08 08.8	0.0
R33M	Jennings River	46.78	316	P	P	11 08 08.6	-0.7
D22K	Aiyikay River	46.82	334	P	P	11 08 08.3	-1.0
L29M	L29M	46.82	323	P	P	11 08 08.6	-0.8
YNE	Yellowstone No	46.86	289	P	P	11 08 11.0	+0.7
YNE	Yellowstone No	46.86	289	P	I Amb	11 08 19.7	
I26K	Coal Creek Min	46.87	327	P	P	11 08 09.1	-0.7

P33M	Teslin, Yukon	46.93	318	P	P	11 08 09.4	-1.0
B20K	Meade River	46.97	337	P	P	11 08 09.9	-0.5
FNO	Franklin	47.02	271	P	P	11 08 11.3	0.0
ARU	Arti	47.03	49c	P	P	11 08 11.3	+0.2
ARU	Arti	47.03	49c	P	P	11 08 11.4	+0.3
ARU	Arti	47.03	49c	P	P	11 09 42.6	
ARU	Arti	47.03	49c	P	P	11 10 01.2	
ARU	Arti	47.03	49c	P	P	11 15 04.0	+1.9
ARU	comp=Z,33nm,1.7s			S	S		
ARU	comp=Z,607nm,16.0s			P	P		
PHWY	Pilot Hill	47.03	283	P	I Amb	11 08 11.7	0.0
DLBC	Dease Lake	47.05	314	I Amb	I Amb	11 08 15.6	
DLBC	Dease Lake	47.05	314	P	P	11 08 11.1	-0.3
DLBC	Dease Lake	47.05	314	P	P	11 08 13.1	+1.7
C21K	Knifeflade Rid	47.10	335	P	P	11 08 10.5	-1.0
G24K	Hadweencic Riv	47.10	330	P	P	11 08 09.4	-2.2
YMP	Mirz Lake Pl	47.12	289	I Amb	I Amb	11 08 20.1	
N31M	Braeburn, Yuko	47.13	320	P	P	11 08 13.0	+1.1
N31M	Braeburn, Yuko	47.13	320	P	P	11 08 09.8	-2.1
KSCO	Kaye Shedlock	47.14	278	P	P	11 08 13.3	+0.9
KSCO	Kaye Shedlock	47.14	278	P	P	11 08 12.6	+0.2
NRIK	Nori'sk	47.15	24	P	I Amb	11 08 12.7	+0.8
NRIK	Nori'sk	47.15	24cP	P	P	11 08 14.4	
NRIK	Nori'sk	47.15	24cP	P	P	11 08 12.4	+0.5
NRIK	Nori'sk	47.15	24cP	P	P	11 08 13.2	+1.3
NRIK	Nori'sk	47.15	24cP	P	P	11 08 10.8	-1.3
E22K	Anaktuvuk Pass	47.17	333	P	P	11 08 10.8	-1.3
BOZ	Bozeman (W)	47.29	291	I Amb	I Amb	11 08 21.2	
BOZ	Bozeman (W)	47.29	291	P	P	11 08 13.3	-0.2
WHY	Whithorse	47.38	319	P	P	11 08 13.6	-0.3
M29M	Somme Creek	47.39	322	P	P	11 08 13.2	-0.8
GOF	Gedikoye	47.40	70cP	P	P	11 08 15.3	+1.2
PRP	Porcupine Dome	47.41	328	P	P	11 08 14.8	+0.6
PRP	Porcupine Dome	47.41	328	P	P	11 08 13.7	-0.5
COLD	Coldfoot	47.44	332	P	P	11 08 14.0	-0.2
K27K	Chicken	47.45	325	P	I Amb	11 08 15.3	+1.1
K27K	Chicken	47.45	325	P	I Amb	11 08 26.0	
E21K	Killik River	47.46	334	P	P	11 08 14.0	-0.4
ELIS	Ellis County	47.53	273	P	P	11 08 15.8	+0.5
J26L	Joseph Creek	47.57	326	I Amb	I Amb	11 08 23.1	
G26L	Joseph Creek	47.57	326	P	P	11 08 15.1	-0.2
J26L	Nakina River	47.57	316	P	P	11 08 15.2	-0.3
YHL	Hebgen Lake	47.57	290	I Amb	I Amb	11 08 33.5	
H17A	Grant Village	47.57	289	P	P	11 08 15.7	-0.2
N23A	Red Feather La	47.58	283	P	I Amb	11 08 16.2	+0.2
N23A	Red Feather La	47.58	283	P	I Amb	11 08 33.0	
N23A	Red Feather La	47.58	283	P	P	11 08 16.5	+0.6
N30M	Aishik Lake	47.61	321	P	P	11 08 16.2	+0.6
MSO	Missoula	47.62	294	P	P	11 08 15.9	0.0
MSO	Missoula	47.62	294	P	P	11 08 17.0	+1.0
BPMT	Black Pine Rid	47.64	293	P	P	11 08 16.1	-0.2
P32M	Atlin	47.68	317	P	P	11 08 16.1	-0.2
RWWY	Rawlins	47.70	284	P	P	11 08 17.1	+0.3
O30N	Mendenhall	47.73	320	P	P	11 08 16.5	-0.1
F22K	John River	47.73	333	P	P	11 08 16.1	-0.4
X34A	Smith Ranch, M	47.74	270	P	I Amb	11 08 17.6	+0.7
YPP	Pitchstone Pla	47.78	289	I Amb	I Amb	11 08 44.6	
G23K	Banza Creek	47.78	331	P	P	11 08 17.1	+0.2
S34M	Telegraph Cree	47.84	314	P	P	11 08 17.0	-0.4
H24K	Noodor Dome	47.85	329	I Amb	I Amb	11 08 29.1	
H24K	Noodor Dome	47.85	329	P	P	11 08 17.3	-0.2
D20K	Etluk River	47.86	335	P	P	11 08 17.2	-0.3
DLMT	Dillon	47.94	291	P	I Amb	11 08 19.4	+0.9
DLMT	Dillon	47.94	291	P	I Amb	11 09 48.4	
BNN	Bunyan	47.95	81	P	P	11 08 18.3	-0.4
KIV	Kislovodsk	47.98	71	P	I Amb	11 08 18.7	-0.1
KIV	Kislovodsk	47.98	71	P	I Amb	11 08 21.7	
KIV	Kislovodsk	47.98	71	eP	P	11 08 19.3	+0.5
G22K	Bettes	48.01	332	P	P	11 08 18.2	-0.3
J25K	Salcha River,	48.03	327	P	P	11 08 20.3	+1.5
J25K	Salcha River,	48.03	327	P	P	11 08 18.7	-0.2
BCAR	Beaver Creek A	48.04	324	P	P	11 08 19.9	+0.9
L27K	Beaver Creek	48.06	324	I Amb	I Amb	11 08 22.6	
L27K	Beaver Creek,	48.06	324	P	P	11 08 19.5	-0.4
SCRK	Sand Creek	48.07	326	P	I Amb	11 08 19.5	+0.2
SCRK	Sand Creek	48.07	326	P	I Amb	11 08 27.5	
SCRK	Sand Creek	48.07	326	P	P	11 08 18.9	-0.4
IMW	Indian Meadow	48.11	289	P	P	11 08 20.3	+0.2
E20K	Nigu River	48.12	335	P	P	11 08 18.9	-0.7
T35M	Bob Quinn	48.13	313	P	P	11 08 19.3	-0.4
NATX	Naadgoches	48.15	265	P	P	11 08 20.4	+0.3
WMOK</							













GE2	GERESS Array S	29.41	85	eP	P	11 13 41.8	+1.4
	comp-Z,156nm,1.9s,baz=302,slow=9.0						
GERES	GERESS Array B	29.41	85	P	P	11 13 39.4	-1.0
	comp-Z,2.7nm,0.8s						
GERES	GERESS Array B	29.41	85	P	P	11 13 40.7	+0.3
	comp-Z,2.7nm,0.8s,baz=316,slow=7.5,SNR=9.5						
GERES	GERESS			LR	LR	11 24 54.0	
	comp-Z,4um,18.6s,baz=300,slow=35						
GOPC	GO Pecny, Ondr	29.41	83	eP	MLR	11 13 41.2	+0.9
	comp-Z,5um,18.9s						
GOPC	GO Pecny, Ondr	29.41	83	eP	AMS	11 13 41.2	+0.9
	comp-Z,5um,18.9s						
J57A	Williamstown	29.53	261	P	P	11 13 40.8	-0.6
	comp-Z,10um,19.0s						
RJOB	Jochberg	29.55	88	eP	P	11 13 43.2	+1.6
	comp-Z,157nm,2.3s,baz=302,slow=9.0						
VADS	Vadso	29.56	38	eP	S	11 13 42.1	+0.7
	comp-Z,2.7nm,0.8s						
VADS	Vadso	29.56	38	eS	P	11 18 37.9	+2.2
	comp-Z,2.7nm,0.8s						
VADS	Vadso	29.56	38	eS	IAMS_20	11 23 18.6	
	comp-Z,3um,17.6s						
WSPT	Westport, CT	29.66	255	P	Iamb	11 13 40.6	-1.8
	comp-Z,262nm,1.8s						
LESA	Schwarzeleot	29.67	88	eP	P	11 13 43.4	+0.7
	comp-Z,24nm,1.5s						
DELO	Delor	29.68	264	P	P	11 13 41.8	-1.0
	comp-Z,2.7nm,0.8s						
PECO	Prince Edward	29.73	263	IAMS_20	IAMS_20	11 24 17.8	
	comp-Z,1.1um,20.0s						
KSP	Ksiaz	29.73	80	eP	P	11 13 44.2	+1.1
	comp-Z,2.7nm,0.8s						
CHVC	Chvalec	29.74	81	eP	MLR	11 13 44.5	+1.3
	comp-Z,7um,16.1s						
CHVC	Chvalec	29.74	81	eP	AMS	11 13 44.5	+1.3
	comp-Z,7um,16.1s						
UPC	Udice	29.75	81	AMS	AMS	11 25 50.0	
	comp-Z,7um,15.6s						
MEF	Metsahovi	29.80	59	eP	P	11 13 44.0	+0.5
	comp-Z,2.7nm,0.8s						
BRNY	Black Rk. Fore	29.84	256	P	P	11 13 46.7	+2.6
	comp-Z,2.7nm,0.8s						
L59A	Walton	29.85	258	P	Iamb	11 13 44.2	-0.1
	comp-Z,2.11nm,1.9s						
L59A	Walton	29.85	258	P	IAMS_20	11 24 29.3	
	comp-Z,2um,19.0s						
L59A	Walton	29.85	258	P	P	11 13 46.3	+2.0
	comp-Z,46,SNR=5.1						
L59A	Walton	29.85	258	P	P	11 13 46.3	+2.0
	comp-Z,46,SNR=5.1						
AVE	Averroes	29.88	131	IAMS_20	IAMS_20	11 22 48.5	
	comp-Z,5um,20.0s						
N62A	Caumsett State	29.90	255	IAMS_20	IAMS_20	11 24 39.8	
	comp-Z,5um,19.0s						
CTI	Castel Tesino	29.94	92	IAMS_20	IAMS_20	11 24 48.9	
	comp-Z,7um,20.0s						
ABTA	Abfaltersbach	29.98	90	iP	pP	11 13 47.5	-1.0
	comp-Z,41nm,1.6s,SNR=5.2						
ABTA	Abfaltersbach	29.98	90	iP	ePcP	11 16 46.9	-0.5
	comp-Z,7.9nm,1.3s						
DPC	Dobruska-Polom	30.01	81	AMS	AMS	11 25 40.0	
	comp-Z,6um,17.2s						
BIOA	Bad Ischl, Aus	30.04	87	iP	pP	11 13 47.5	-1.5
	comp-Z,55nm,1.9s,SNR=14						
BIOA	Bad Ischl, Aus	30.04	87	iP	ePcP	11 16 48.5	+1.0
	comp-Z,55nm,1.9s,SNR=14						
MTSE	Matsula	30.06	62	eP	P	11 13 45.8	-0.1
	comp-Z,2.1nm,1.7s						
PAL	Palisades	30.08	255	P	P	11 13 45.0	-1.2
	comp-Z,4um,19.0s						
PAL	Palisades	30.08	255	P	P	11 13 45.0	-1.2
	comp-Z,4um,19.0s						
PAL	Palisades	30.08	255	P	pmax	11 13 45.0	-1.2
	comp-Z,55nm,1.3s						
PAL	Palisades	30.08	255	P	MLR	11 13 47.9	+1.7
	comp-Z,4um,19.0s						
J56A	Wolcott	30.09	261	P	P	11 13 44.4	-1.9
	comp-Z,2um,20.0s						
J56A	Wolcott	30.09	261	P	IAMS_20	11 24 28.5	
	comp-Z,2um,20.0s						
TREC	Trest	30.13	83	AMS	AMS	11 25 30.0	
	comp-Z,6um,16.6s						
TRNY	Table Rock, Ra	30.15	256	P	Iamb	11 13 46.1	-0.7
	comp-Z,93nm,1.4s						
TRNY	Table Rock, Ra	30.15	256	P	Iamb	11 13 46.1	-0.7
	comp-Z,93nm,1.4s						
TRNY	Table Rock, Ra	30.15	256	P	IAMS_20	11 24 47.3	
	comp-Z,93nm,1.4s						
FINES	FINES Array B	30.17	56	P	P	11 13 44.1	-2.6
	comp-Z,5um,18.0s						
FINES	FINES Array B	30.17	56	P	P	11 13 46.1	-0.6
	comp-Z,34nm,1.0s,baz=309,slow=6.9,SNR=18						
KBA	Koelnbreinsper	30.24	88	iP	pP	11 13 49.5	-1.4
	comp-Z,71nm,1.6s						
CPNY	Central Park	30.26	255	IAMS_20	IAMS_20	11 24 49.3	
	comp-Z,5um,19.0s						
K57A	Scipio Center	30.27	260	P	P	11 13 46.3	-1.7
	comp-Z,9um,20.0s						
K57A	Scipio Center	30.27	260	P	IAMS_20	11 24 33.4	
	comp-Z,9um,20.0s						
MOA	Molin	30.29	87	iP	pP	11 13 49.9	-1.3
	comp-Z,39nm,1.8s						
BINY	Binghamton	30.35	259	IAMS_20	IAMS_20	11 24 45.7	
	comp-Z,8um,19.0s						
BINY	Binghamton	30.35	259	P	P	11 13 51.1	+2.5
	comp-Z,8um,19.0s						
SADO	Sadowa	30.35	266	P	Iamb	11 13 47.9	-0.8
	comp-Z,46,SNR=8.7						
SADO	Sadowa	30.35	266	P	Iamb	11 13 52.6	
	comp-Z,116nm,1.6s						
SADO	Sadowa	30.35	266	P	IAMS_20	11 24 36.3	
	comp-Z,8um,18.0s						
SADO	Sadowa	30.35	266	P	P	11 13 49.0	+0.3
	comp-Z,23nm,1.2s,baz=54,slow=9.5,SNR=8.2						
SADO	Sadowa	30.35	266	P	LR	11 24 47.2	
	comp-Z,8um,19.0s,baz=90,slow=34						
CLUD	Cludinico	30.36	90	P	P	11 13 46.9	-1.8
	comp-Z,6um,22.0s						
TEOL	Teolo	30.38	93	P	Iamb	11 13 46.8	-2.1
	comp-Z,115nm,1.6s						
TEOL	Teolo	30.38	93	P	Iamb	11 13 54.9	
	comp-Z,9um,20.0s						
TEOL	Teolo	30.38	93	P	IAMS_20	11 25 10.7	
	comp-Z,9um,20.0s						
AKLM	AKL	30.38	125	P	P	11 13 51.0	+1.9
	comp-Z,2um,20.0s						
STAL	STALIGAL	30.39	90	P	Iamb	11 13 48.5	-0.4
	comp-Z,93nm,1.4s						
STAL	STALIGAL	30.39	90	P	Iamb	11 14 00.7	
	comp-Z,9um,18.0s						
ODNJ	Ogdensburg	30.39	256	IAMS_20	IAMS_20	11 24 54.8	
	comp-Z,5um,18.0s						
KRLC	Kraliky	30.40	81	eP	MLR	11 13 48.5	-0.6
	comp-Z,6um,16.9s						
KRLC	Kraliky	30.40	81	eP	P	11 13 48.5	-0.6
	comp-Z,6um,16.9s						
KRLC	Kraliky	30.40	81	eP	AMS	11 26 00.0	
	comp-Z,6um,16.9s						
LCRM	LCR	30.64	127	P	P	11 13 56.0	+4.6
	comp-Z,231nm,1.8s						
ZCCA	Zocca	30.65	95	P	P	11 13 53.3	+2.5
	comp-Z,231nm,1.8s						
ZCCA	Zocca	30.65	95	P	Iamb	11 14 35.8	
	comp-Z,231nm,1.8s						
BRNJ	Basking Ridge	30.66	255	IAMS_20	IAMS_20	11 25 03.8	
	comp-Z,5um,19.0s						
MYKA	Terra Mystica	30.67	89	iP	pP	11 13 53.3	-1.3
	comp-Z,34nm,1.6s,SNR=15						
MYKA	Terra Mystica	30.67	89	iP	ePcP	11 16 51.7	+2.5
	comp-Z,34nm,1.6s,SNR=15						
KSPA	Keystone Colle	30.68	258	P	P	11 13 51.5	-0.1
	comp-Z,11nm,0.9s						
KSPA	Keystone Colle	30.68	258	P	Iamb	11 13 55.8	
	comp-Z,161nm,1.8s						
KSPA	Keystone Colle	30.68	258	P	IAMS_20	11 25 04.3	
	comp-Z,161nm,1.8s						
VRAC	Vranov	30.73	82	eP	P	11 13 52.3	+0.4
	comp-Z,8um,18.0s						
VRAC	Vranov	30.73	82	eP	P	11 13 52.0	+0.1
	comp-Z,8um,18.0s						
VRAC	Vranov	30.73	82	eP	P	11 13 52.0	+0.1
	comp-Z,13nm,0.9s,baz=308,slow=10,SNR=20						
VRAC	Vranov	30.73	82	eP	LR	11 26 17.7	
	comp-Z,6um,18.1s,baz=302,slow=37						
VRAC	Vranov	30.73	82	eP	P	11 13 52.3	+0.4
	comp-Z,6um,18.1s						
VRAC	Vranov	30.73	82	eP	P	11 13 52.0	+0.1
	comp-Z,6um,18.1s						
VRAC	Vranov	30.73	82	eP	P	11 13 52.0	+0.1
	comp-Z,6um,18.1s						
VRAC	Vranov	30.73	82	eP	P	11 13 52.0	+0.1
	comp-Z,6um,18.1s						
VRAC	Vranov	30.73					

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1d 11h					
O52A	comp=Z,116nm,1.2s	I Amb	I Amb	11 14 37.4	
O52A	Adamsville baz=45,SNR=12	34.97 262	P	P	11 14 27.6 -1.4
O52A			P	P	11 14 27.6 -1.4
T59A	baz=45,SNR=12	34.97 254	I AMs_20	I AMs_20	11 28 13.9
COWI	Conover comp=Z,3um,18.0s	34.98 276	P	I Amb	11 14 28.2 -0.9
COWI			I Amb	I Amb	11 14 33.0
COWI	comp=Z,104nm,1.4s		I AMs_20	I AMs_20	11 27 38.2
COWI	Conover comp=Z,4um,18.0s	34.98 276	P	P	11 14 28.5 -0.6
L48A	N Adams baz=51	35.12 267	P	P	11 14 29.5 -0.8
L48A			I Amb	I Amb	11 14 38.3
S57A	Dark Hollow, R comp=Z,78nm,1.3s	35.12 256	P	P	11 14 29.9 -0.5
S57A			I Amb	I Amb	11 14 38.8
S57A	comp=Z,73nm,1.1s		I AMs_20	I AMs_20	11 27 50.8
S57A	Dark Hollow, R comp=Z,6um,18.0s	35.12 256	P	P	11 14 32.6 +2.2
S57A			P	P	11 14 32.6 +2.2
EYMN	Ely baz=42,SNR=14	35.14 280	P	P	11 14 29.1 -1.3
EYMN		35.14 280	P	P	11 14 29.9 +2.5
EYMN	Ely baz=53,SNR=8.8	35.14 280	P	P	11 14 29.5 -1.0
P53A	Whipple baz=53,SNR=8.8	35.17 261	P	P	11 14 29.8 -1.0
P53A			I Amb	I Amb	11 14 35.7
P53A	Whipple comp=Z,205nm,1.7s	35.17 261	P	P	11 14 32.6 +1.9
P53A			P	P	11 14 32.6 +1.9
Q54A	Coxs Mills baz=44,SNR=9.4	35.23 260	P	I Amb	11 14 31.0 0.0
Q54A			I Amb	I Amb	11 14 40.0
Q54A	Coxs Mills comp=Z,207nm,1.9s	35.23 260	P	P	11 14 33.8 +2.4
Q54A			P	P	11 14 33.8 +2.4
H43A	Windswept, Lux baz=44,SNR=7.2	35.27 273	I AMs_20	I AMs_20	11 27 58.0
V61A	Roper comp=Z,3um,18.0s	35.35 252	I AMs_20	I AMs_20	11 28 52.2
R55A	Marlinton comp=Z,8um,18.0s	35.36 258	I Amb	I Amb	11 14 38.2
R55A			I AMs_20	I AMs_20	11 27 41.1
R55A	Marlinton comp=Z,211nm,1.9s	35.36 258	P	P	11 14 33.6 +1.1
R55A			P	P	11 14 33.6 +1.1
P52A	Corning baz=43,SNR=8.4	35.47 262	I Amb	I Amb	11 14 37.6
P52A	Corning comp=Z,134nm,1.6s	35.47 262	P	P	11 14 35.9 +2.5
ACSO	Alum Creek Sta baz=44,SNR=6.0	35.51 263	P	I Amb	11 14 34.4 +0.7
ACSO			I Amb	I Amb	11 14 38.0
ACSO	Alum Creek Sta comp=Z,128nm,1.3s	35.51 263	P	P	11 14 36.3 +2.6
ACSO			P	P	11 14 35.9 +2.2
DRGR	Alum Creek Sta baz=45,SNR=9.7	35.52 82	I P	P	11 14 35.7 +1.9
DRGR		35.52 82	I P	P	11 14 35.7 +1.9
DRGR	Alum Creek Sta comp=Z,128nm,1.3s	35.52 82	I P	P	11 14 35.7 +1.9
DRGR		35.52 82	I P	P	11 14 35.7 +1.9
U59A	Littleton comp=Z,5um,18.0s	35.56 84	I P	P	11 14 36.8 +1.9
BZS	Buzias comp=Z,5um,18.0s	35.56 84	I P	P	11 14 35.7 +0.8
BZS		35.56 84	I Amb	I Amb	11 14 39.5
N49A	Columbus Grove comp=Z,132nm,1.3s	35.58 265	I Amb	I Amb	11 14 36.4 +1.3
N49A			P	P	11 14 36.4 +1.3
N49A	Columbus Grove baz=46,SNR=8.0	35.58 265	P	P	11 14 36.4 +1.3
N49A			P	P	11 14 36.4 +1.3
DIVS	Divibare baz=46,SNR=8.0	35.74 87	P	P	11 14 33.8 -2.0
MARR	Marisel-Cluj comp=Z,124nm,1.4s	35.82 82	I P	P	11 14 38.5 +2.1
T57A	Hurt comp=Z,124nm,1.4s	35.84 256	P	P	11 14 38.8 +2.2
T57A			P	P	11 14 38.8 +2.2
T57A	Hurt baz=41,SNR=15	35.85 84	I P	P	11 14 37.8 +1.3
SURR	Surdac comp=Z,192nm,1.5s	35.90 107	I Amb	I Amb	11 14 35.8 -1.4
KEST			I Amb	I Amb	11 14 43.1
KEST	Kesra comp=Z,192nm,1.5s	35.90 107	P	P	11 14 36.6 -0.6
KEST			LR	LR	11 27 20.7
E38A	The Farm, Brul comp=Z,21nm,1.0s	35.98 278	I Amb	I Amb	11 14 45.0
Q52A	Bidwell comp=Z,144nm,1.6s	36.02 261	P	I Amb	11 14 39.2 +1.1
Q52A			I Amb	I Amb	11 14 42.6
Q52A	Bidwell comp=Z,254nm,2.0s	36.02 261	P	P	11 14 39.8 +1.7
Q52A			P	P	11 14 39.8 +1.7
P51A	Williamsport baz=44,SNR=6.0	36.08 262	I Amb	I Amb	11 14 42.7
P51A			I AMs_20	I AMs_20	11 28 03.0
P51A	Williamsport comp=Z,8um,19.0s	36.08 262	P	P	11 14 40.6 +2.0
P51A			P	P	11 14 40.6 +2.0
G40A	Rib Lake baz=44,SNR=9.1	36.09 276	P	P	11 14 39.8 +1.2
G40A			I Amb	I Amb	11 14 42.6
G40A	Rib Lake comp=Z,177nm,1.9s	36.09 276	P	P	11 14 39.6 +1.0
G40A			P	P	11 14 42.1
B35A	Bob, Littlefor comp=Z,182nm,1.6s	36.09 282	P	P	11 14 40.7 +2.1
B35A			P	P	11 14 40.7 +2.1
ULM	Lac du Bonnet baz=53,SNR=11	36.12 286	P	I Amb	11 14 38.4 -0.4
ULM			I Amb	I Amb	11 14 41.9
ULM	Lac du Bonnet comp=Z,237nm,1.9s	36.12 286	P	P	11 14 38.7 -0.1
ULM			LR	LR	11 28 00.3
ULM	Lac du Bonnet comp=Z,6um,20.0s	36.12 286	P	P	11 14 38.7 -0.1
ULM			LR	LR	11 28 00.3
DEV	Deva comp=Z,7um,20.0s	36.19 83	I P	P	11 14 41.5 +2.0
DEV		36.19 83	I P	P	11 14 41.5 +2.0
CUC	Castrouccio comp=Z,8um,21.0s	36.24 96	P	P	11 14 39.3 -1.4
CUC			I AMs_20	I AMs_20	11 28 15.9
MATE	Matera comp=Z,8um,21.0s	36.27 95	I P	P	11 14 41.4 +1.3
H2A	Drager Farm, Covington	36.27 273	P	P	11 14 41.1 +0.9
O49A		36.27 264	I Amb	I Amb	11 14 39.3 -0.9
O49A			I AMs_20	I AMs_20	11 28 01.2
O49A	Covington comp=Z,7um,20.0s	36.27 264	P	P	11 14 42.8 +2.6
O49A			P	P	11 14 42.8 +2.6
BLA	Blacksburg baz=45,SNR=11	36.31 257	P	P	11 14 40.2 -0.4
BLA			I Amb	I Amb	11 14 49.1
BLA	Blacksburg comp=Z,102nm,1.4s	36.31 257	P	P	11 14 40.2 -0.4
BLA			I AMs_20	I AMs_20	11 28 19.5
BLA	Blacksburg comp=Z,7um,18.0s	36.31 257	P	P	11 14 40.2 -0.4
BLA			P	P	11 14 40.2 -0.4
BLA	Blacksburg comp=Z,102nm,1.4s	36.31 257	P	P	11 14 43.3 +2.7
BLA			MLR	MLR	11 14 43.3 +2.7
BLA	Blacksburg comp=Z,7um,18.0s	36.31 257	P	P	11 14 43.2 +2.6
BLA			P	P	11 14 43.2 +2.6
R53A	Hurricane comp=Z,208nm,1.6s	36.31 260	I Amb	I Amb	11 14 45.2

R53A	Hurricane baz=43,SNR=9.2	36.31 260	P	P	11 14 42.9 +2.4
R53A			P	P	11 14 42.9 +2.4
BUR08	Bucovina Arr. baz=43,SNR=9.2	36.35 79	P	I Amb	11 14 40.0 -0.5
BUR08			I Amb	I Amb	11 14 47.9
S54A	Dingess, Beck comp=Z,164nm,1.4s	36.35 259	I Amb	I Amb	11 14 49.3
S54A			I AMs_20	I AMs_20	11 28 31.6
BURAR	Bucovina Array comp=Z,7um,18.0s	36.37 79	I P	P	11 14 41.8 +0.6
BURAR		36.37 79	I P	P	11 14 41.4 +0.3
BURAR	Bucovina Array comp=Z,76nm,1.2s	36.37 79	I Amb	I Amb	11 14 48.4
BLMR	Bucovina Array comp=Z,7um,18.0s	36.37 79	P	P	11 14 41.7 +0.6
KLMR	Klimovskay comp=Z,170nm,1.8s	36.38 52	I P	P	11 14 40.9 0.0
KLMR			eP	P	11 14 40.9 0.0
KLMR			eP	P	11 14 40.9 0.0
KLMR			AMP	P	11 14 48.1
KLMR	comp=Z,527nm,1.4s		S	S	11 20 28.3 +6.7
KLMR			S	S	11 20 28.3 +6.7
KLMR			LQ	LQ	11 25 47.0
KLMR			LQ	LQ	11 25 47.0
KLMR			LR	LR	11 26 36.1
KLMR			AMP	P	11 28 26.2
KLMR	comp=Z,2um,15.2s	36.38 52	I P	P	11 14 40.9 0.0
KLMR			S	S	11 20 28.3 +6.7
KLMR			S	S	11 20 28.3 +6.7
KLMR	comp=Z,527nm,1.4s		MLR	MLR	11 29 33.6
PDG	Podgorica comp=Z,2um,15.0s	36.44 90	I P	P	11 14 43.1 +1.4
PDG		36.44 90	I AMs_20	I AMs_20	11 28 49.1
PDG	Podgorica comp=Z,5um,22.0s	36.46 252	I AMs_20	I AMs_20	11 28 58.8
CNCC	Cliffs of the comp=Z,6um,19.0s	36.46 252	P	P	11 14 44.3 +2.5
CNCC			P	P	11 14 44.3 +2.5
N47A	Urbana baz=39	36.53 266	P	I Amb	11 14 42.3 -0.1
N47A			I Amb	I Amb	11 14 50.2
N47A	Urbana comp=Z,98nm,1.3s	36.53 266	P	P	11 14 44.7 +2.2
N47A			P	P	11 14 44.7 +2.2
N47A	Urbana baz=46	36.56 262	P	P	11 14 44.7 +2.0
Q51A			P	P	11 14 44.7 +2.0
Q51A	Herclane baz=44,SNR=12	36.56 84	I P	P	11 14 43.3 +1.6
HERR	Herclane comp=Z,18nm,0.7s	36.57 101	P	P	11 14 40.5 -2.4
CLTB	Caltabellotta comp=Z,18nm,0.7s	36.57 101	P	P	11 14 46.0 +2.3
O48B	Farnland baz=45,SNR=7.8	36.67 265	P	P	11 14 45.6 +1.9
O48B			P	P	11 14 45.6 +1.9
AKASG	Malin Array Be comp=Z,4um,18.0s	36.68 72	P	P	11 14 41.7 -1.8
AKASG		36.68 72	eP	P	11 14 42.7 -0.9
AKASG	Malin Array Be comp=Z,19nm,0.7s	36.68 72	P	P	11 14 42.6 -0.9
AKASG			P	P	11 14 42.6 -0.9
AKASG	Malin Array Be comp=Z,18nm,0.7s	36.68 72	P	P	11 14 42.6 -0.9
AKASG			P	P	11 14 42.6 -0.9
AKASG	Malin Array Be comp=Z,0.3nm,0.3s	36.68 72	P	P	11 14 42.2 -1.3
AKASG			LR	LR	11 29 33.6
AKASG	Malin Array Si comp=Z,3um,20.4s	36.68 72	P	P	11 14 42.2 -1.3
AKASG			I AMs_20	I AMs_20	11 29 23.0
AKKB	Malin Array Si comp=Z,3um,20.0s	36.68 72	eP	P	11 14 42.4 -1.1
AKKB			P	P	11 14 42.4 -1.1
AKKB	Malin Array Si comp=Z,222nm,1.4s	36.76 85	P	P	11 14 44.4 0.0
AKKB		36.76 296	I Amb	I Amb	11 14 44.0 -0.2
DJES	Djerdap comp=Z,221nm,1.9s	36.76 296	I AMs_20	I AMs_20	11 28 19.2
FFC	Flin Flon comp=Z,2um,18.0s	36.76 296	P	P	11 14 44.1 -0.2
FFC			P	P	11 14 44.1 -0.2
FFC	Flin Flon comp=Z,221nm,2.0s	36.76 296	P	P	11 14 44.1 -0.2
FFC			P	P	11 14 44.1 -0.2
FFC	Flin Flon comp=Z,5um,18.0s	36.76 296	P	P	11 14 44.1 -0.2
FFC			P	P	11 14 44.1 -0.2
FFC	Flin Flon comp=Z,5um,18.0s	36.76 296	P	P	11 14 44.1 -0.2
FFC			P	P	11 14 44.1 -0.2
W59A	Clinton comp=Z,7um,19.0s	36.80 253	I AMs_20	I AMs_20	11 29 20.8
L44A	Lake County Fo comp=Z,7um,19.0s	36.86 270	P	I Amb	11 14 44.9 -0.3
L44A			I Amb	I Amb	11 14 49.4
L44A	Lake County Fo comp=Z,140nm,1.1s	36.86 270	P	P	11 14 44.9 -0.3
L44A			I AMs_20	I AMs_20	11 28 53.5
L44A	Lake County Fo comp=Z,6um,18.0s	36.86 270	P	P	11 14 48.0 +2.7
L44A			P	P	11 14 48.0 +2.7
U56A	King comp=Z,128nm,1.5s	36.93 256	I Amb	I Amb	11 14 50.5
U56A			I AMs_20	I AMs_20	11 28 47.1
U56A	King comp=Z,4um,18.0s	36.93 256	P	P	11 14 49.3 +3.4
U56A			P	P	11 14 49.3 +3.4
U56A	King baz=41,SNR=9.0	36.93 256	P	P	11 14 49.3 +3.4
U56A			P	P	11 14 49.3 +3.4
P49A	Miami Univ. Ec comp=Z,124nm,1.5s	36.94 264	P	I Amb	11 14 46.3 +0.3
P49A			I Amb	I Amb	11 14 49.8
P49A	Miami Univ. Ec comp=Z,7um,18.0s	36.94 264	P	P	11 14 48.1 +2.1
P49A			P	P	11 14 48.1 +2.1
P49A	Miami Univ. Ec baz=44,SNR=8.5	36.94 264	P	P	11 14 48.2 +2.2
P49A			P	P	11 14 48.2 +2.2
BOVS	Bovan comp=Z,7um,18.0s	36.98 87	I P	P	11 14 47.4 +1.2
HQIL	Hanson Quarry C comp=Z,7um,18.0s	36.99 269	I AMs_20	I AMs_20	11 29 00.4
HQIL			I Amb	I Amb	11 14 52.6
H40A	Norwalk comp=Z,197nm,1.9s	37.20 274	I Amb	I Amb	11 14 52.6
H40A			I Amb	I Amb	11 14 52.6
AGMN	Agassiz Nation comp=Z,2				



H31M	Peel River	43.77 324	P	P	11 15 44.4 +2.2
553A	Crawfordville	43.83 254	IAMS_20	IAMS_20	11 33 27.9
DWPF	Disney Wildern	43.94 249	P	P	11 15 46.5 +2.6
IMMV	Iera Moni Meta	43.98 94	P	P	11 15 42.7 -1.5
C27K	Jago River	44.01 332	P	P	11 15 46.1 +2.0
SANT	Santorini	44.12 92	IAMS_20	IAMS_20	11 33 32.9
C26K	Camden Bay	44.12 332	P	P	11 15 47.0 +2.1
WHAR	Wooley Hollow	44.16 266	P	P	11 15 46.8 +1.2
EPYK	Eagle Plains	44.16 326	Iamb	Iamb	11 15 44.6 -0.8
EPYK	comp-Z,153nm,1.7s		IAMS_20	IAMS_20	11 34 03.0
EPYK	Eagle Plains	44.16 326	P	P	11 15 46.8 +1.5
G29M	Pine Creek	44.21 327	P	Iamb	11 15 46.3 +0.6
G29M	comp-Z,183nm,1.8s		Iamb	Iamb	11 15 49.2
G29M	Pine Creek	44.21 327	P	P	11 15 47.5 +1.8
060A	Indiantown	44.27 247	IAMS_20	IAMS_20	11 32 42.7
RSSD	Black Hills	44.30 284	P	P	11 15 45.8 -1.1
RSSD	Black Hills	44.30 284	IAMS_20	IAMS_20	11 32 21.2
RSSD	Black Hills	44.30 284	P	P	11 15 45.8 -1.1
RSSD	comp-Z,24nm,1.5s		P	P	11 15 48.8 +1.9
RSSD	Black Hills	44.30 284	P	P	11 15 46.3 -0.1
F28M	Old Crow	44.30 328	P	P	11 15 48.0 +1.6
F28M	comp-Z,49,SNR=14		P	P	11 15 47.8 +0.9
MDUB	Mudurnu	44.31 83	P	P	11 15 40.8 -6.1
KULA	Kula-Manisa	44.32 87	P	P	11 15 49.5 +2.6
TGNT	Hyland Airport	44.34 317	P	P	11 15 44.0 -3.4
ANWB	Willy Bob	44.36 219	eP	Iamb	11 15 54.4
146A	Union	44.40 261	Iamb	Iamb	11 15 48.7 +1.4
B27K	Coleen River	44.41 329	P	P	11 15 51.9 +2.2
ERALK	Brewton	44.45 258	IAMS_20	IAMS_20	11 33 21.2
U38A	Gravette	44.46 269	Iamb	Iamb	11 15 51.5
U38A	comp-Z,202nm,1.7s		P	P	11 15 49.2 +1.2
U38A	Gravette	44.46 269	P	P	11 15 50.1 +1.1
UALR	University of	44.57 266	P	Iamb	11 15 52.8
UALR	comp-Z,144nm,1.5s		Iamb	Iamb	11 33 20.7
IDI	Anoyia	44.60 93	LR	LR	11 36 03.8
TAM	Tamanrasset	44.63 123	P	P	11 15 50.0 +0.3
TAM	comp-Z,3um,20.0s		IAMS_20	IAMS_20	11 33 20.7
TAM	Tamanrasset	44.63 123	P	P	11 15 50.0 +0.3
EGMT	Eagleton	44.67 292	P	P	11 15 51.9 +2.2
ANN	Anapa	44.68 74	eP	P	11 15 48.7 -1.0
ANN	comp-Z,93nm,1.2s		P	P	11 22 27.2 -2.9
ANN	Anapa	44.68 74	eP	P	11 15 49.1 -1.5
ANN	comp-Z,93nm,1.2s		MLR	MLR	
ANN	Anapa	44.68 74	eP	P	11 15 49.7 -0.9
ANN	comp-Z,35nm,1.4s		P	P	11 15 53.1 +2.4
LIRD	Llard River Hi	44.84 314	P	P	11 15 52.8 +1.5
D25K	Kavik River	44.91 332	P	P	11 15 52.8 +1.5
RLO	Rose Lookout	45.01 269	P	Iamb	11 15 52.4 0.0
RLO	comp-Z,119nm,1.2s		Iamb	Iamb	11 16 00.3
X40A	Basin Creek Fa	45.06 266	P	P	11 15 52.1 -0.6
C24K	Franklin Bluff	45.21 333	P	P	11 15 55.5 +1.9
J30M	Hart River	45.21 324	IAMS_20	IAMS_20	11 34 28.2
J30M	Hart River	45.21 324	P	P	11 15 56.3 +2.5
T35A	Sooner Cattle	45.28 271	P	Iamb	11 15 55.0 +0.4
T35A	comp-Z,147nm,1.7s		Iamb	Iamb	11 16 01.3
T35B	Sooner Cattle	45.28 271	P	P	11 15 54.7 +0.2
I29M	Ogivilie Camp	45.32 325	P	P	11 15 54.4 +0.1
I29M	comp-Z,115nm,1.6s		Iamb	Iamb	11 15 58.4
I29M	Ogivilie Camp	45.32 325	P	P	11 34 47.6
I29M	comp-Z,3um,18.0s		IAMS_20	IAMS_20	11 34 47.6
G27K	Doyon Strip	45.35 328	P	P	11 15 56.4 +1.6
R32A	Long Quarter	45.39 275	P	P	11 15 55.6 +0.2
OGNE	Ogallala	45.41 280	Iamb	Iamb	11 16 03.2
OGNE	comp-Z,134nm,1.5s		IAMS_20	IAMS_20	11 33 29.8
OGNE	Ogallala	45.41 280	P	P	11 15 57.4 +1.8
OGNE	comp-Z,5um,20.0s		P	P	11 15 56.7 +1.0
MIAR	Mount Ida	45.42 267	P	P	11 15 56.5 +0.9
MIAR	Mount Ida	45.42 267	P	P	11 15 56.6 +0.9
MIAR	comp-Z,169nm,1.3s		P	P	11 15 57.8 +2.1
MIAR	Mount Ida	45.42 267	P	P	11 15 56.7 +1.0
WTLK	Watson Lake, Y	45.44 316	P	P	11 15 58.9 +3.3
26K	Sheenjek River	45.45 330	P	P	11 15 57.9 +2.3
061Z	Chohoppi	45.51 247	IAMS_20	IAMS_20	11 32 25.5
VBMS	Vicksburg	45.51 262	P	P	11 15 55.5 -0.9
VBMS	Vicksburg	45.51 262	P	P	11 15 58.0 +1.6
VBMS	Vicksburg	45.51 262	P	P	11 15 57.7 +1.3
E25K	Arctic Village	45.54 331	P	P	11 15 58.9 +2.6
346A	Big Creek Wild	45.58 260	P	P	11 15 56.4 -0.5
C23K	Itikilik River	45.59 334	P	P	11 15 59.9 +2.6
ANTO	Ankara	45.60 82	P	P	11 15 58.6 +1.4
ANTO	Ankara	45.60 82	P	P	11 15 55.9 -1.3
ANTO	comp-Z,99nm,1.4s		Iamb	Iamb	11 16 04.4
ANTO	Ankara	45.60 82	P	P	11 15 55.9 -1.3
BR231	Keeskin MP Arra	45.62 82	P	Iamb	11 15 55.7 -1.6
BR231	comp-Z,88nm,1.4s		Iamb	Iamb	11 16 05.4
TUL3	Leonard	45.62 270	P	P	11 15 57.4 +0.1
TUL3	Leonard	45.62 270	P	P	11 15 58.9 +1.6

TUL3	Leonard	45.62 270	P	P	11 15 58.2 +1.0
143A	Socs Landing,	45.62 263	P	P	11 15 57.8 +0.5
143A	Socs Landing,	45.62 263	P	P	11 15 57.8 +0.5
D24K	Happy Valley	45.65 333	P	P	11 15 58.9 +1.9
GDHS	Morne Mazeau,	45.65 219	P	Iamb	11 15 57.1 -0.5
GDHS	comp-Z,95nm,1.0s		Iamb	Iamb	11 16 04.9
KARP	Karpathos	45.65 91	IAMS_20	IAMS_20	11 36 14.6
CBKS	Cedar Bluff	45.67 276	P	Iamb	11 15 59.0 +1.3
CBKS	comp-Z,130nm,1.4s		Iamb	Iamb	11 16 04.6
CBKS	Cedar Bluff	45.67 276	P	P	11 15 59.0 +1.3
CBKS	comp-Z,130nm,1.4s		P	P	11 15 59.2 +1.5
CBKS	Cedar Bluff	45.67 276	P	P	11 15 59.2 +1.5
H27K	Steamboat Moun	45.71 327	P	P	11 15 59.7 +2.0
MAYO	Mayo, Yukon	45.71 322	IAMS_20	IAMS_20	11 34 37.2
MAYO	Mayo, Yukon	45.71 322	P	P	11 16 00.8 +3.1
FARO	Faro, Yukon	45.74 320	P	Iamb	11 15 57.6 -0.3
FARO	comp-Z,145nm,1.5s		Iamb	Iamb	11 16 03.1
FARO	Faro, Yukon	45.74 320	P	P	11 15 57.6 -0.3
FARO	comp-E,5um,18.0s		IAMS_20	IAMS_20	11 34 36.1
BARO	Faro, Yukon	45.74 320	P	P	11 16 01.1 +3.1
BARO	comp-Z,49,SNR=22		P	P	11 15 58.5 +0.5
I28M	Miner Creek	45.77 326	P	Iamb	11 15 58.0 -0.2
I28M	comp-Z,2um,18.0s		Iamb	Iamb	11 16 01.9
I28M	Miner Creek	45.77 326	P	P	11 16 00.1 +1.9
A21K	Barrow	45.81 338	IAMS_20	IAMS_20	11 35 43.8
B22K	Teshchuk Lake	45.86 336	P	P	11 16 00.9 +2.2
G26K	Porcupine River	45.87 329	P	P	11 16 01.6 +2.8
KAN17	Caldwell West	45.87 273	P	P	11 15 59.7 +0.4
OK048	Pawnee Station	45.88 271	Iamb	Iamb	11 16 00.3 +1.1
KAN05	Bluff City Nor	45.88 273	P	P	11 16 00.1 +0.8
J29M	Klondike Camp	45.90 324	IAMS_20	IAMS_20	11 34 51.0
J29M	Klondike Camp	45.90 324	P	P	11 16 02.2 +3.0
F25K	Christian River	45.93 330	P	P	11 16 02.2 +2.8
DEOK	Depew	45.96 270	P	P	11 16 01.2 +0.5
K29M	Barlow Dome	46.09 323	IAMS_20	IAMS_20	11 35 05.6
K29M	Barlow Dome	46.09 323	P	P	11 16 03.4 +2.6
M31M	Drury Creek, Y	46.13 320	Iamb	Iamb	11 16 06.3
M31M	Drury Creek, Y	46.13 320	P	P	11 16 04.8 +3.8
BR131	Keskin Array S	46.17 82	P	Iamb	11 16 00.8 -0.9
BR131	comp-Z,102nm,1.2s		Iamb	Iamb	11 16 08.8
BR131	Keskin Array S	46.17 82	P	P	11 16 02.3 +0.6
BRTR	Keskin Array B	46.17 82	P	P	11 16 00.8 -0.9
BRTR	comp-Z,8.5nm,0.8s,baz=314,slow=5.5,SNR=34		P	P	11 16 02.4 +0.7
BRTR	Keskin Array B	46.17 82	P	P	11 16 02.4 +0.7
BRTR	comp-Z,8.9nm,1.2s,baz=274,slow=4.2,SNR=3.3		P	P	11 17 36.8 -0.6
I27K	Kandik River	46.17 327	P	P	11 16 03.9 +2.5
TOLK	Toolik Lake Re	46.20 333	Iamb	Iamb	11 16 05.5
TOLK	Toolik Lake Re	46.20 333	P	P	11 16 04.2 +2.7
344A	Westbrook Farm	46.22 261	P	P	11 16 03.1 +1.1
D23K	Nanusuk River	46.24 333	P	P	11 16 04.4 +2.7
OK032	Salt Plains WL	46.29 273	Iamb	Iamb	11 16 09.5
E24K	Your Creek	46.34 332	P	P	11 16 05.1 +2.5
RLMT	Red Lodge	46.36 289	P	P	11 16 04.6 +1.4
RLMT	Red Lodge	46.36 289	P	P	11 16 06.0 +2.7
N32M	Quiet Lake	46.36 319	P	Iamb	11 16 04.0 +1.1
N32M	Quiet Lake	46.36 319	P	P	11 16 05.3 +2.4
X37A	Clayton	46.37 268	P	Iamb	11 16 03.1 0.0
X37A	comp-Z,134nm,1.7s		Iamb	Iamb	11 16 10.7
X37A	Clayton	46.37 268	P	P	11 16 05.1 +2.0
DAWY	Dawson	46.54 324	P	P	11 16 07.2 +3.0
F24K	Squaw Lake	46.59 331	P	P	11 16 07.3 +2.8
OK029	K22A	46.61 271	P	P	11 16 05.3 +0.2
K22A	Casper	46.62 285	P	P	11 16 04.6 -0.7
K22A	comp-Z,5um,20.0s		IAMS_20	IAMS_20	11 34 06.8
K22A	Casper	46.62 285	P	P	11 16 06.7 +1.4
K22A	comp-Z,5um,20.0s		P	P	11 16 06.4 +1.1
OK035	E0210 Rd and N	46.63 273	IAMS_20	IAMS_20	11 35 15.9
E23K	Chandler	46.64 332	P	P	11 16 06.6 +1.5
G25K	Beam Lake	46.65 330	P	P	11 16 07.9 +3.0
B21K	Ikpkuk River	46.68 335	P	P	11 16 07.7 +2.6
M30M	Minto, Yukon	46.70 322	P	P	11 16 05.0 -0.5
M30M	Minto, Yukon	46.70 322	Iamb	Iamb	11 16 10.4
M30M	Minto, Yukon	46.70 322	P	P	11 16 09.2 +3.7
SOC	Sochi	46.71 73c	eP	P	11 16 06.7 +0.9
SOC	comp-Z,2um,18.0s		P	P	11 17 53.0
SOC	Sochi	46.71 73c	ePPP	PPP	11 18 38.4
SOC	Sochi	46.71 73c	eS	S	11 22 52.2 -2.7
SOC	Sochi	46.71 73c	eSSS	SSS	11 27 29.6
SOC	comp-Z,54nm,1.0s		P	P	11 16 06.4 +1.1
R33M	Jennings River	46.74 316	P	P	11 16 07.6 +1.6
R33M	Jennings River	46.74 316	P	P	11 16 09.4 +3.4
D22K	Ayikyak River	46.79 334	P	P	11 16 08.5 +2.4
L29M	L29M	46.79 323	P	P	11 16 09.5 +3.3
OK038	West end E0370	46.82 273	P	P	11 16 06.9 +0.2
YNE	Yellowstone No	46.82 289	P	Iamb	11 16 08.4 +1.4
I26K	Coal Creek Min	46.84 327	P	P	11 16 07.3 +0.8
I26K	Coal Creek Min	46.84 327	P	P	11 15 51.5
I26K	Coal Creek Min	46.84 327	P	P	11 16 08.9 +2.4
SDDR	Presa de Saban	46.88 232	Iamb	Iamb	11 16 20.4
SDDR	Presa de Saban	46.88 232	eP	P	11 16 06.0 -1.3
P33M	Teslin, Yukon	46.89 317	Iamb	Iamb	11 16 11.5
P33M	Teslin, Yukon	46.89 317	P	P	11 16 09.6 +2.5
OKCSW	OKLAHOMA CITY	46.89 271	P	P	11 16 08.3 +1.0
BRIGG	Briggsdale	46.90 281	P	P	11 16 08.7 +1.2
BRIGG	comp-Z,89nm,1.2s		Iamb	Iamb	11 16 15.6

B20K	Meade River	46.94 337	P	P	11 16 08.7 +1.5
OVMT	Ovando	46.95 293	P	P	11 16 06.8 -0.9
FNO	Franklin Hill	46.98 271	P	P	11 16 08.9 +0.9
PHWY	Phil Hill	47.00 283	Iamb	Iamb	11 16 08.1 -0.3
DLBC	Dease Lake	47.02 314	P	Iamb	11 16 07.9 -0.2
DLBC	comp-Z,70nm,1.2s		Iamb	Iamb	11 16 17.9
DLBC	Dease Lake	47.02 314	P	P	11 16 10.8 +2.7
DLBC	Dease Lake,SNR=17	47.02 314	P	P	11 16 09.5 +1.5
DLBC	comp-Z,34nm,1.3s,baz=52,slow=8.7,SNR=16		LR	LR	11 35 31.8
U32A	Winter Ranch,	47.0			



MOOW	Moose Ponds	48.07 289	IAMS_20	IAMS_20	11 35 22.9
T35M	Bob Quinn	48.09 313	P	P	11 16 19.8 +3.5
441A	Defriede	48.09 263	IAMS_20	IAMS_20	11 36 06.2
E20K	Nigu River	48.10 335	P	P	11 16 18.5 +2.2
NATX	Nacogdoches	48.12 265	P	P	11 16 18.9 +2.1
NATX	Nacogdoches	48.14 287	P	P	11 16 18.4 +1.6
WMOK	Wichita Mouta	48.12 271	P	P	11 16 18.3 +1.4
WMOK	Wichita Mouta	48.12 271	P	P	11 16 18.1 +1.3
PD31	Pinedale Array	48.14 287	P	P	11 16 17.3 +0.1
PDAR	Pinedale Array	48.14 287	P	P	11 16 17.2 0.0
PDAR	Pinedale Array	48.14 287	P	P	11 16 17.3 +0.1
PDAR	comp=Z,2.8nm,0.8s,baz=57,slow=5.5,SNR=23		PP	PP	11 18 12.8 +3.6
PDAR	comp=Z,4.9nm,1.1s,baz=52,slow=9.6,SNR=3.9		LR	LR	11 35 37.1
PDAR	comp=Z,5.1um,18.4s,baz=34,slow=35		LR	LR	
BW06	Boulder Array	48.14 287	IAMB	IAMB	11 16 24.1
BW06	Boulder Array	48.14 287	P	P	11 16 18.4 +1.2
KOWA	Kowa	48.14 139	P	P	11 16 16.6 -0.6
KOWA	comp=Z,3.1um,20.0s		IAMS_20	IAMS_20	11 33 34.0
ISCO	Idaho Springs	48.15 281	IAMB	IAMB	11 16 22.1
ISCO	Idaho Springs	48.15 281	P	P	11 16 20.0 +2.6
ISCO	Idaho Springs	48.15 281	P	P	11 16 19.4 +2.0
HYT	Haines Junction	48.16 320	P	P	11 16 20.1 +3.1
NEW	Newport	48.17 297	P	P	11 16 18.0 +0.9
NEW	Newport	48.17 297	P	P	11 16 18.0 +0.9
NEW	comp=Z,3.9nm,1.2s		pmax	pmax	
NEW	Newport	48.17 297	P	P	11 16 18.9 +1.7
NEW	comp=Z,4.7,SNR=11		P	P	11 16 18.2 +1.1
NEW	Newport	48.17 297	P	P	11 16 18.2 +1.1
NEW	comp=Z,8.9nm,1.0s,baz=33,slow=6.6,SNR=20		LR	LR	11 35 38.2
NEW	comp=Z,7.1um,18.1s,baz=42,slow=35		LR	LR	
BVCY	Beaver Creek	48.18 323	P	P	11 16 19.8 +2.8
C19K	Lookout Ridge	48.18 337	P	P	11 16 19.1 +2.2
YUKA	Talbot Arm	48.19 321	P	P	11 16 19.5 +2.2
POKR	Poker Flat Res	48.23 329	IAMS_20	IAMS_20	11 36 42.2
POKR	Poker Flat Res	48.23 329	P	P	11 16 19.6 +2.3
F21K	Alatina River	48.25 333	P	P	11 16 19.8 +2.4
KBZ	Khabaz	48.27 71	ceP	pmax	11 16 19.5 +1.7
KBZ	comp=Z,6.9nm,1.5s		MLR	MLR	
KBZ	comp=Z,2.1um,17.0s		P	P	11 16 18.9 +1.1
KBZ	Khabaz	48.27 71	ceP	MLR	11 16 18.9 +1.1
KBZ	comp=Z,1.4nm,1.1s,baz=30,SNR=18		LR	LR	11 37 39.2
H23K	Yukon River	48.29 330	P	P	11 16 17.0 -0.8
H23K	Yukon River	48.29 330	IAMS_20	IAMS_20	11 36 43.7
H23K	Yukon River	48.29 330	P	P	11 16 20.4 +2.6
FXWY	Fox Creek	48.30 289	P	P	11 16 18.6 +0.2
FXWY	comp=Z,3.1um,19.0s		IAMS_20	IAMS_20	11 35 12.8
IL31	comp=Z,1.100nm,1.4s		IAMB	IAMB	11 16 22.2
ILAR	Eielson Array	48.33 328	P	P	11 16 18.8 +0.7
ILAR	Eielson Array	48.33 328	P	P	11 16 19.1 +1.1
ILAR	comp=Z,1.4nm,1.0s,baz=36,slow=6.9,SNR=40		ceP	ceP	11 17 43.9 -0.6
ILAR	comp=Z,3.1nm,1.1s,baz=29,slow=4.1,SNR=1.2		LR	LR	11 37 02.7
ILAR	comp=Z,2.1um,18.6s,baz=42,slow=36		LR	LR	
SKAG	Skagway	48.34 318	P	P	11 16 19.1 +1.0
SKAG	Skagway	48.34 318	P	P	11 16 22.0 +3.9
SKAG	Skagway	48.34 318	P	P	11 16 20.5 +2.4
Z35A	Perchaven, San	48.34 269	P	P	11 16 18.9 +0.4
Z35A	comp=Z,4.4um,18.0s		IAMS_20	IAMS_20	11 35 44.4
Z35A	Perchaven, San	48.34 269	P	P	11 16 20.8 +2.2
D19K	Kuna River	48.35 336	P	P	11 16 19.8 +1.6
YUK6	Outpost Mouta	48.38 321	P	P	11 16 21.7 +3.0
REDW	Red Top Meadow	48.40 288	P	P	11 16 19.0 -0.2
REDW	comp=Z,2.76nm,1.5s		IAMB	IAMB	11 16 26.8
MCMT	McKenzie Canyon	48.41 291	P	P	11 16 20.5 +1.3
P30M	Million Dollar	48.46 319	P	P	11 16 22.5 +3.3
Q24A	Divide	48.50 280	IAMB	IAMB	11 16 31.5
Q24A	Divide	48.50 280	P	P	11 16 22.6 +2.5
YUK3	Moose Creek	48.50 322	P	P	11 16 22.5 +2.8
COLA	College	48.53 329	P	P	11 16 19.5 0.0
COLA	College	48.53 329	IAMB	IAMB	11 16 23.8
COLA	College	48.53 329	IAMS_20	IAMS_20	11 37 00.2
COLA	College	48.53 329	P	P	11 16 22.7 +3.2
COLA	College	48.53 329	iP	P	11 16 19.3 -0.2
COLA	College	48.53 329	pmax	pmax	
COLA	College	48.53 329	P	P	11 16 21.9 +2.4
TCOL	CIGO, UAF Yank	48.53 329	P	IAMB	11 16 19.8 +0.3
TCOL	comp=Z,9.2nm,1.4s		IAMS_20	IAMS_20	11 36 59.2
TCOL	comp=Z,2.1um,18.0s		P	P	11 16 22.1 +2.5
TCOL	CIGO, UAF Yank	48.53 329	P	P	11 16 22.1 +2.5
L26K	Log Cabin Wild	48.53 325	P	P	11 16 19.5 -0.2
L26K	Log Cabin Wild	48.53 325	IAMB	IAMB	11 16 24.6
L26K	Log Cabin Wild	48.53 325	P	P	11 16 22.4 +2.7
M27K	Edge Creek, AK	48.55 324	P	P	11 16 19.9 -0.1
M27K	Edge Creek, AK	48.55 324	IAMS_20	IAMS_20	11 36 42.0
M27K	Edge Creek, AK	48.55 324	P	P	11 16 23.7 +3.8
237A	Washetta, Mont	48.56 266	P	P	11 16 20.9 +0.7
237A	Washetta, Mont	48.56 266	P	P	11 16 20.9 +0.7
MDM	Murphy Dome	48.57 329	P	P	11 16 20.4 +0.5
MDM	comp=Z,8.2nm,1.3s		IAMB	IAMB	11 16 24.1
MDM	comp=Z,2.1um,18.0s		IAMS_20	IAMS_20	11 37 02.3
HDA	Harding Lake	48.61 328	P	P	11 16 20.6 +0.4
HDA	comp=Z,6.4nm,1.3s		IAMB	IAMB	11 16 25.4
HDA	Harding Lake	48.61 328	IAMS_20	IAMS_20	11 36 50.4
HDA	Harding Lake	48.61 328	P	P	11 16 22.6 +2.3
YUK8	Steele Glacier	48.62 322	P	P	11 16 24.1 +3.5
WTF5	Wichita Falls	48.68 270	IAMB	IAMB	11 16 28.9
CCB	Clear Creek Bu	48.68 328	P	P	11 16 21.6 +0.8
CCB	comp=Z,1.38nm,1.1s		IAMB	IAMB	11 16 24.7
CCB	comp=Z,1.03nm,1.7s		IAMS_20	IAMS_20	11 37 04.3

K24K	Donnelly Dome	48.71 327	P	P	11 16 24.0 +2.9
MENT	Mentasta	48.72 325	P	P	11 16 24.6 +3.5
H22K	Ishtaita Cr	48.73 331	P	P	11 16 23.5 +2.4
I23K	Minto, Yukon-K	48.75 329	IAMS_20	IAMS_20	11 36 43.9
I23K	Minto, Yukon-K	48.75 329	P	P	11 16 23.6 +2.4
FW06	Azle	48.78 269	P	IAMB	11 16 22.4 +0.5
FW06	comp=Z,1.06nm,1.1s		IAMB	IAMB	11 16 29.2
G21K	Alaket	48.80 332	P	P	11 16 23.7 +2.1
JIS	Juneau Island	48.81 316	P	P	11 16 26.2 +4.4
LLLL	Lillooet	48.83 302	IAMB	IAMB	11 16 30.7
LLLL	comp=Z,2.76nm,1.4s		IAMS_20	IAMS_20	11 36 24.9
R32K	Eaglecrest	48.86 316	P	P	11 16 25.5 +3.3
M26K	Nabesna, AK	48.88 324	P	P	11 16 21.6 -0.8
M26K	comp=Z,1.04nm,1.6s		IAMB	IAMB	11 16 27.3
M26K	comp=Z,3.1um,18.0s		IAMS_20	IAMS_20	11 36 52.7
M26K	Nabesna, AK	48.88 324	P	P	11 16 25.3 +3.0
C18K	Utukok River	48.90 337	P	P	11 16 24.1 +1.7
WRH	Wood River Hill	48.90 328	P	P	11 16 22.8 +0.4
WRH	comp=Z,7.4nm,1.4s		IAMB	IAMB	11 16 26.4
WRH	comp=Z,2.1um,18.0s		IAMS_20	IAMS_20	11 37 18.9
O29M	Munt Kennedy	48.91 320	P	P	11 16 25.9 +3.2
F20K	Avaraart Lake	48.94 334	P	P	11 16 25.0 +2.4
AHID	Auburn Hatcher	48.95 288	P	P	11 16 23.2 -0.1
E19K	Redstone River	48.97 335	P	P	11 16 25.2 +2.3
FW03	Perrin-Whitt E	49.01 269	P	P	11 16 24.1 +0.5
FW03	comp=Z,1.09nm,1.3s		IAMB	IAMB	11 16 30.9
FW03	comp=Z,1.1um,19.0s		IAMS_20	IAMS_20	11 36 01.0
FW14	Alvarado	49.02 268	P	IAMB	11 16 24.4 +0.6
FW14	comp=Z,8.2nm,1.1s		IAMB	IAMB	11 16 30.9
BCYI	Bear Canyon	49.05 291	P	P	11 16 25.5 +1.3
C09A	Chrisman Ranch	49.05 297	IAMB	IAMB	11 16 31.1
NEA2	Nenana	49.09 329	IAMS_20	IAMS_20	11 37 26.9
NEA2	Nenana	49.09 329	P	P	11 16 25.8 +1.9
P29M	Windy Craggy	49.09 319	P	P	11 16 27.1 +3.2
FW07	Weatherford	49.11 269	P	IAMB	11 16 24.4 -0.1
FW07	comp=Z,5.4nm,1.1s		IAMB	IAMB	11 16 31.6
SOR	Soroa	49.11 247	IAMB	IAMB	11 16 32.9
SOR	comp=Z,7.9nm,1.5s		IAMS_20	IAMS_20	11 37 44.8
FW18	Mount Upton	49.13 321	P	P	11 16 27.5 +2.9
O28M	baz=44, SNR=10	49.18 268	IAMB	IAMB	11 16 32.2
MLY	Manley	49.22 330	P	IAMB	11 16 24.5 -0.4
MLY	comp=Z,9.0nm,1.1s		IAMB	IAMB	11 16 29.0
MLY	comp=Z,1.45nm,2.0s		IAMB	IAMB	11 16 27.1 +2.2
R31K	City Hill, Gus	49.22 317	P	P	11 16 28.2 +3.2
IMAR	Indian Mountain	49.28 332	P	P	11 16 25.6 +0.3
T33K	Petersburg	49.28 314	P	P	11 16 27.8 +2.4
H21K	Melozitna Rive	49.29 331	P	IAMB	11 16 25.6 +0.2
H21K	comp=Z,1.04nm,1.7s		IAMB	IAMB	11 16 29.8
H21K	comp=Z,2.1um,19.0s		IAMS_20	IAMS_20	11 38 36.1
H21K	Melozitna Rive	49.29 331	P	P	11 16 28.4 +2.9
O20A	White River Ci	49.31 283	IAMB	IAMB	11 17 06.7
O20A	White River Ci	49.31 283	P	P	11 16 29.0 +2.8
HNVL	Huntsville, TX	49.33 265	IAMB	IAMB	11 16 33.9
ONI	Oni	49.36 72	P	IAMB	11 16 24.7 -1.6
ONI	comp=Z,1.15nm,1.2s		IAMB	IAMB	11 16 34.6
ONI	comp=Z,1.54nm,1.8s		IAMS_20	IAMS_20	11 36 43.6
ONI	Oni	49.36 72	P	pmax	11 16 24.7 -1.6
ONI	comp=Z,2.1um,22.0s		pmax	pmax	
ONI	comp=Z,1.54nm,1.8s		MLR	MLR	
LOGN	Logan Glacier	49.37 322	P	P	11 16 25.8 -0.5
LOGN	comp=Z,2.1um,18.0s		IAMS_20	IAMS_20	11 37 26.3
CTG	Chitna Glacier	49.38 322	P	P	11 16 29.6 +3.2
BARN	Barnard Glacie	49.42 322	P	P	11 16 26.8 +0.2
BARN	comp=Z,1.27nm,1.4s		IAMB	IAMB	11 16 36.1
T25A	Trinidad	49.42 278	P	IAMB	11 16 27.0 -0.1
T25A	comp=Z,8.2nm,1.1s		IAMB	IAMB	11 16 35.5
T25A	Trinidad	49.42 278	P	P	11 16 29.7 +2.6
I21K	Tanana	49.44 331	IAMB	IAMB	11 16 34.6
I21K	Tanana	49.44 331	P	P	11 16 29.2 +2.6
S32K	Killisnoo	49.45 316	P	P	11 16 29.6 +2.9
C17K	DeLong Mountai	49.45 338	P	P	11 16 29.2 +2.6
ZEI	Tsey	49.46 71	eP	pmax	11 16 27.

KARS	Kars	50.57	74	IAMS_20	IAMS_20	11 39 39.4
BERG	Berg Lake	50.59	323	IAMS_20	IAMS_20	11 37 01.0
LTY	Liberty	50.59	298	Iamb	Iamb	11 16 38.3
BMO	Blue Mountains	50.64	294	P	P	11 16 34.3 -1.8
BMO	Blue Mountains	50.64	294	IAMS_20	IAMS_20	11 36 43.3
BMO	Blue Mountains	50.64	294	P	P	11 16 34.3 -1.8
BGLC	Bering Glacier	50.65	322	P	P	11 16 38.9 +3.2
HAWA	Hanford	50.65	297	P	P	11 16 36.1 +0.1
SCM	Sheep Creek Mo	50.66	326	P	P	11 16 38.1 +2.2
SN01	Snyder 1	50.69	271	P	Iamb	11 16 36.1 -0.4
SPUT	South Promonto	50.69	288	P	Iamb	11 16 40.2
SPUT	South Promonto	50.69	288	P	P	11 16 36.4 -0.2
F17K	Baldwin Pennin	50.73	336	P	P	11 16 44.8
PV07	Paradox Valley	50.76	282	P	P	11 16 38.2 +2.0
PV07	Paradox Valley	50.76	282	P	P	11 16 37.3 +0.1
J20K	Novinta River	50.81	331	P	Iamb	11 16 41.6
J20K	Novinta River	50.81	331	IAMS_20	IAMS_20	11 16 35.8 -1.1
J20K	Novinta River	50.81	331	IAMS_20	IAMS_20	11 38 12.1
H20K	Novinta River	50.81	331	P	P	11 16 38.9 +2.0
JMT	Hamilton	50.82	323	IAMS_20	IAMS_20	11 38 06.1
M23K	Glacier View	50.82	326	P	P	11 16 39.5 +2.4
CBB	Campbell River	50.83	304	IAMS_20	IAMS_20	11 16 45.4
CAST	Castle Rocks	50.84	329	Iamb	Iamb	11 16 44.8
CAST	Castle Rocks	50.84	329	IAMS_20	IAMS_20	11 38 49.3
CAST	Castle Rocks	50.84	329	P	P	11 16 38.7 +1.4
BRDY	Brady	50.85	268	Iamb	Iamb	11 16 44.5
POST	Post	50.87	272	Iamb	Iamb	11 16 45.3
MSTX	Muleshoe	50.88	274	Iamb	Iamb	11 16 45.3
MSTX	Muleshoe	50.88	274	IAMS_20	IAMS_20	11 37 46.1
MSTX	Muleshoe	50.88	274	P	P	11 16 39.6 +1.5
MSTX	Muleshoe	50.88	274	P	P	11 16 39.2 +1.2
RAGM	Ragged Mountai	50.91	323	IAMS_20	IAMS_20	11 38 11.4
MFID	Camas Ranch	50.92	292	P	P	11 16 38.3 0.0
PV04	Paradox Valley	50.93	282	P	P	11 16 38.0 -0.5
PV04	Paradox Valley	50.93	282	Iamb	Iamb	11 16 53.1
PV12	Saucer Basin,	50.93	282	P	P	11 16 40.0 +1.5
PV12	Saucer Basin,	50.93	282	Iamb	Iamb	11 16 46.7
AKTO	Aktyubinsk	50.94	55	P	P	11 16 37.8 -0.3
AKTO	Aktyubinsk	50.94	55	LR	LR	11 37 32.6
PV01	Paradox Valley	50.94	282	P	P	11 16 38.7 +0.1
PV02	Paradox Valley	50.98	282	Iamb	Iamb	11 16 39.4 +0.5
PV02	Paradox Valley	50.98	282	Iamb	Iamb	11 16 47.0
SML	Sawmill	50.99	326	P	P	11 16 38.2 -0.2
SML	Sawmill	50.99	326	Iamb	Iamb	11 16 42.9
SML	Sawmill	50.99	326	P	P	11 16 40.8 +2.4
PV14	Lion Creek, Pa	51.01	282	P	P	11 16 40.4 +1.3
PV14	Lion Creek, Pa	51.01	282	Iamb	Iamb	11 16 43.3
GCSA	Galen City Sc	51.06	332	P	P	11 16 41.4 +2.6
H18K	Honhosa River	51.10	333	P	P	11 16 41.7 +2.5
CUT	Chulitna	51.11	328	P	IAMS_20	11 16 40.1 +0.9
CUT	Chulitna	51.11	328	IAMS_20	IAMS_20	11 38 17.5
CUT	Chulitna	51.11	328	P	P	11 16 41.1 +1.9
CLRS	Cowichan Lake	51.13	302	IAMS_20	IAMS_20	11 37 20.7
TIXI	Tiksi	51.13	7	P	Iamb	11 16 39.8 +0.5
TIXI	Tiksi	51.13	7	eP	Iamb	11 16 47.1
TIXI	Tiksi	51.13	7	cp	pmax	11 16 40.7 +1.5
TIXI	Tiksi	51.13	7	pmax	pmax	11 16 40.7 +1.5
TIXI	Tiksi	51.13	7	MLR	MLR	11 16 39.5 +0.2
TIXI	Tiksi	51.13	7	P	P	11 16 39.5 +0.2
EYAK	Cordova Ski Ar	51.14	324	P	P	11 16 43.7 +4.2
EYAK	Cordova Ski Ar	51.14	324	P	P	11 16 41.3 +1.9
G08A	Pilot Rock	51.16	295	P	P	11 16 40.0 +0.1
KAIM	Kayak Island	51.18	323	P	P	11 16 42.3 +2.5
MAK	Makhachkala	51.19	69	eP	P	11 16 37.3 -2.7
MAK	Makhachkala	51.19	69	e	P	11 18 35.0
MAK	Makhachkala	51.19	69	ePPP	PPP	11 19 34.1
MAK	Makhachkala	51.19	69	eS	S	11 23 55.1 -2.7
MAK	Makhachkala	51.19	69	eSS	SS	11 27 26.7 -5.9
MAK	Makhachkala	51.19	69	eSSS	SSS	11 29 05.1
MAK	Makhachkala	51.19	69	pmax	pmax	11 16 37.3 -2.7
MAK	Makhachkala	51.19	69	MLR	MLR	11 16 37.3 -2.7
F07A	Phinny Hill Vi	51.20	297	P	P	11 16 40.0 -0.2
GHO	Glory Hole Cre	51.20	326	P	Iamb	11 16 40.4 +0.4
GHO	Glory Hole Cre	51.20	326	Iamb	Iamb	11 16 54.0
FID	Port Fidalgo	51.22	324	P	IAMS_20	11 16 40.5 +0.4
FID	Port Fidalgo	51.22	324	IAMS_20	IAMS_20	11 39 10.9
SRU	San Rafael Swe	51.27	284	P	P	11 16 40.9 -0.1
SRU	San Rafael Swe	51.27	284	P	P	11 16 40.9 -0.1
SRU	San Rafael Swe	51.27	284	pmax	pmax	11 16 40.9 -0.1
PPLA	Purkeypille	51.28	329	P	P	11 16 42.4 +1.7
GLI	Glacier Island	51.32	325	IAMS_20	IAMS_20	11 38 14.0
GLI	Glacier Island	51.32	325	P	P	11 16 42.9 +2.0
KNK	Knik Glacier	51.34	326	P	P	11 16 43.8 +2.9
J19K	Poorman	51.35	331	P	P	11 16 43.0 +2.1
G17K	Kiwalik Mounta	51.37	335	P	P	11 16 43.1 +1.9
B04A	Port Angeles	51.38	301	IAMS_20	IAMS_20	11 37 20.1
PMR	Palmer	51.40	326	P	Iamb	11 16 41.5 +0.2
PMR	Palmer	51.40	326	Iamb	Iamb	11 16 45.9
PMR	Palmer	51.40	326	P	P	11 16 45.2 +3.8
PMR	Palmer	51.40	326	P	P	11 16 41.6 +0.2
PMR	Palmer	51.40	326	pmax	pmax	11 16 45.2 +3.8
PMR	Palmer	51.40	326	MLR	MLR	11 16 45.2 +3.8
PMR	Palmer	51.40	326	P	P	11 16 43.6 +2.2
GNW	Green Mountain	51.41	300	P	P	11 16 40.5 -1.1
GNW	Green Mountain	51.41	300	IAMS_20	IAMS_20	11 37 12.2
K20K	Telida	51.44	330	P	P	11 16 40.8 -0.9
K20K	Telida	51.44	330	Iamb	Iamb	11 16 46.3
K20K	Telida	51.44	330	IAMS_20	IAMS_20	11 38 28.0
K20K	Telida	51.44	330	P	P	11 16 43.0 +1.3

NLU	North Lily Min	51.48	286	Iamb	Iamb	11 16 50.5
NLU	North Lily Min	51.48	286	IAMS_20	IAMS_20	11 37 18.8
HIN	Hinchock	51.50	324	IAMS_20	IAMS_20	11 39 19.8
LON	Longmire	51.50	299	P	P	11 16 41.9 -0.6
LON	Longmire	51.50	299	P	P	11 16 41.9 -0.6
LON	Longmire	51.50	299	pmax	pmax	11 16 41.9 -0.6
SGCV	Sterling City	51.54	271	P	Iamb	11 16 44.0 +1.1
SGCV	Sterling City	51.54	271	Iamb	Iamb	11 16 50.7
TORD	Tordi Ar. Bea	51.54	133	P	P	11 16 41.9 -1.1
TORD	Tordi Ar. Bea	51.54	133	P	P	11 16 41.3 -1.7
TORD	Tordi Ar. Bea	51.54	133	LR	LR	11 36 19.3
M22K	Willow	51.58	327	P	P	11 16 45.0 +2.3
MVCO	Mesa Verde	51.58	281	P	Iamb	11 16 43.1 -0.3
MVCO	Mesa Verde	51.58	281	Iamb	Iamb	11 16 52.2
MVCO	Mesa Verde	51.58	281	P	P	11 16 46.3 +2.9
HOLB	Holberg	51.64	306	IAMS_20	IAMS_20	11 37 25.9
OZB	Mount Ozzard	51.66	303	P	Iamb	11 16 43.3 -0.2
OZB	Mount Ozzard	51.66	303	Iamb	Iamb	11 16 52.2
H17K	Granite Mounta	51.66	334	P	P	11 16 46.0 +2.7
DUG	Dugway, Tooele	51.69	287	P	P	11 16 45.6 +1.5
PWL	Port Wells	51.73	325	P	P	11 16 46.4 +2.5
HG4B	Hotspg	51.78	309	IAMS_20	IAMS_20	11 37 28.6
GNI	Garni	51.79	73	P	P	11 16 44.0 -0.8
GNI	Garni	51.79	73	cp	pmax	11 16 44.9 +0.1
GNI	Garni	51.79	73	pmax	pmax	11 16 44.9 +0.1
GNI	Garni	51.79	73	MLR	MLR	11 16 44.9 +0.1
GNI	Garni	51.79	73	P	P	11 16 44.5 -0.3
G16K	Koyuk River	51.85	335	P	P	11 16 46.6 +1.9
JCT	Junction City	51.91	268	P	P	11 16 46.0 +0.3
JCT	Junction City	51.91	268	P	P	11 16 46.0 +0.3
JCT	Junction City	51.91	268	pmax	pmax	11 16 46.0 +0.3
JCT	Junction City	51.91	268	P	P	11 16 46.6 +0.9
JCT	Junction City	51.91	268	P	P	11 16 46.5 +0.9
C03A	Quillyayute Air	51.95	301	P	Iamb	11 16 45.7 0.0
C03A	Quillyayute Air	51.95	301	Iamb	Iamb	11 16 54.6
C03A	Quillyayute Air	51.95	301	IAMS_20	IAMS_20	11 38 04.6
RC01	Rabbit Creek A	51.98	326	P	P	11 16 46.1 +0.3
RC01	Rabbit Creek A	51.98	326	P	P	11 16 48.4 +2.7
SUA	Susitna One	51.99	327	P	P	11 16 45.2 -0.7
SUA	Susitna One	51.99	327	P	P	11 16 48.1 +2.1
NLWA	Neilton Lookou	52.02	300	Iamb	Iamb	11 16 55.3
MMAI	Mount Meron Ar	52.06	86	P	P	11 16 45.2 -1.6
MMAI	Mount Meron Ar	52.06	86	LR	LR	11 40 10.0
J18K	Innok River	52.06	331	P	P	11 16 48.2 +1.9
735A	Kenedy	52.08	265	IAMS_20	IAMS_20	11 39 00.5
735A	Kenedy	52.08	265	P	P	11 16 47.9 +1.0
P23K	Montague Islan	52.10	324	P	P	11 16 47.9 +1.2
F15K	North Star Dit	52.10	337	P	P	11 16 46.9 +0.3
ANMO	Albuquerque	52.16	278	P	P	11 16 46.6 -1.1
ANMO	Albuquerque	52.16	278	cp	pmax	11 16 50.1 +2.4
ANMO	Albuquerque	52.16	278	pmax	pmax	11 16 50.1 +2.4
ANMO	Albuquerque	52.16	278	P	P	11 16 50.3 +2.6
ANMO	Albuquerque	52.16	278	P	P	11 16 49.7 +2.0
ANMO	Albuquerque	52.16	278	P	P	11 16 47.7 0.0
ANMO	Albuquerque	52.16	278	LR	LR	11 38 10.6
ODSA	Odessa	52.16	272	Iamb	Iamb	11 16 50.9
HMU	Henry Mountain	52.25	283	Iamb	Iamb	11 16 56.2
HMU	Henry Mountain	52.25	283	IAMS_20	IAMS_20	11 37 51.6
OZNA	Ozona	52.30	270	P	Iamb	11 16 48.1 -0.5
OZNA	Ozona	52.30	270	Iamb	Iamb	11 16 58.2
J08A	Circle Bar Ran	52.30	293	P	P	11 16 47.8 -0.7
J08A	Circle Bar Ran	52.30	293	Iamb	Iamb	11 16 56.4
TTA	Tatalina	52.31	331	P	Iamb	11 16 48.1 -0.2
TTA	Tatalina	52.31	331	Iamb	Iamb	11 16 56.6
TTA	Tatalina	52.31	331	IAMS_20	IAMS_20	11 39 07.2
TTA	Tatalina	52.31	331	P	P	11 16 50.9 +2.6
TTA	Tatalina	52.31	331	pmax	pmax	11 16 48.1 -0.2
TTA	Tatalina	52.31	331	MLR	MLR	11 16 49.3 +1.0
G05A	Wamic	52.35	297	P	Iamb	11 16 49.1 +0.3
G05A	Wamic	52.35	297	Iamb	Iamb	11 17 06.7
M20K	Styx River	52.35	328	IAMS_20	IAMS_20	11 39 37.3
M20K	Styx River	52.35	328	P	P	11 16 49.6 +1.0
O22K	Cooper Landing	52.45	326	IAMS_20	IAMS_20	11 38 22.2
O22K	Cooper Landing	52.45	326	P	P	11 16 51.7 +2.5
ELK	Elko	52.55	289	P	P	11 16 50.7 +0.1
ELK	Elko	52.55	289	LR	LR	11 38 19.9
F04D	Rainier, OR	52.56	299	Iamb	Iamb	11 16 57.7
G15K	Niutuk	52.57	336	P	P	11 16 52.3 +2.2
L19K	White Mountain	52.60	330	P	P	11 16 50.3 -0.1
L19K	White Mountain	52.60	330	P	P	11 16 51.3 +0.9
MVU	Maryvale	52.61	285	P	P	11 16 50.5 -0.5
N20K	Mount Spurr	52.62	327	P	P	11 16 52.3 +1.6
SPCR	Spurr Chakacha	52.6				

K04D	Chiloquin, OR	54.48 295	P	Iamb	11 17 04.8 +0.3
K04D	comp=Z,76nm,1.2s				11 17 12.0
R11B	Troy Canyon, C	54.50 287	P	P	11 17 06.9 +2.1
O18K	Koktuh Hills	54.60 328	P	Iamb	11 17 04.1 -0.9
O18K	comp=Z,107nm,1.2s				11 17 12.7
O18K	comp=Z,2um,19.0s				IAMS_20 IAMS_20 11 40 37.8
O18K	Koktuh Hills	54.60 328	P	P	11 17 06.2 +1.2
N17K	Nushagak Hills	54.60 329	P	P	11 17 06.9 +1.8
M16K	Timber Creek	54.68 331	P	P	11 17 08.3 +2.7
121A	Cookes Peak, D	54.71 277	Iamb	Iamb	11 17 14.8
121A	comp=Z,55nm,1.1s				55.15 144 P P 11 17 07.9 -1.6
121A	Cookes Peak, D	54.71 277	P	P	11 17 08.8 +2.4
121A	comp=Z,55nm,1.1s				55.15 144 P P 11 17 07.9 -1.6
121A	Cookes Peak, D	54.71 277	P	P	11 17 07.7 +1.3
PLTX	Planet X, Gerl	54.75 292	P	Iamb	11 17 05.9 -0.6
PLTX	comp=Z,77nm,1.2s				54.77 326 P P 11 17 08.5 +2.3
Q20K	Shuyak Hill	54.77 326	P	P	11 17 08.5 +2.3
L15K	Ungalak Mounta	54.78 332	P	P	11 17 08.3 +2.0
DBO	Dodson Butte	54.85 296	P	P	11 17 07.0 -1.0
DBO	comp=Z,3um,20.0s				IAMS_20 IAMS_20 11 39 17.5
Q19K	Cape Douglas	54.89 327	IAMS_20	IAMS_20	11 41 19.4
Q19K	comp=Z,2um,20.0s				54.89 327 P P 11 17 08.0 +0.8
TX31	Lajitas Ar. Si	54.92 271	P	P	11 17 07.4 -0.3
TX31	comp=Z,3um,18.0s				54.92 271 P P 11 17 07.3 -0.5
TX32	Lajitas Array	54.92 271	P	P	11 17 07.2 -0.6
TX32	comp=Z,60nm,1.4s				54.92 271 P P 11 17 07.2 -0.6
TXAR	Lajitas Array	54.92 271	P	P	11 17 07.6 -0.3
TXAR	comp=Z,12nm,1.1s				54.92 271 P P 11 17 08.9 +1.0
TXAR	comp=Z,2um,20.0s				54.92 271 P P 11 17 08.9 +1.0
TXAR	comp=Z,6.4nm,1.0s				54.92 271 P P 11 17 08.9 +1.0
PRN	Pahroc	54.92 286	IAMS_20	IAMS_20	11 39 39.3
P18K	Big Mountain,	54.98 328	P	P	11 17 07.1 -0.8
P18K	Big Mountain,	54.98 328	P	P	11 17 08.4 +0.5
N16K	Nishik Lake	55.09 330	P	P	11 17 10.7 +2.1
S11A	Rachel	55.11 287	IAMS_20	IAMS_20	11 40 07.2
TIC	Toumou	55.12 144	eP	P	11 17 08.0 -1.3
J01E	Myrtle Point	55.15 297	IAMS_20	IAMS_20	11 39 27.5
DBIC	Dimbokro	55.15 144	P	P	11 17 07.9 -1.6
DBIC	comp=Z,3um,20.0s				55.15 144 P P 11 17 07.9 -1.6
O17K	Koliganek Bris	55.20 329	P	P	11 17 10.7 +1.3
X16A	Lo Mia Camp, P	55.25 281	Iamb	Iamb	11 17 15.3
GAMB	Gambell	55.27 339	P	P	11 17 12.0 +2.2
KVN	Kaisererville	55.28 290	Iamb	Iamb	11 17 18.4
K13K	Kusilvak Mount	55.35 334	P	P	11 17 12.1 +1.7
K02D	Willamette Mer	55.37 296	P	P	11 17 11.3 +0.4
L14K	Kuka Creek	55.37 333	P	P	11 17 12.5 +1.9
M15K	Kasigwa River	55.41 331	P	P	11 17 12.9 +2.0
KIC	Kosan Boka	55.48 144	eP	P	11 17 10.6 -1.3
KDAK	Kodiak Island	55.50 325	P	P	11 17 11.2 -0.3
KDAK	Kodiak Island	55.50 325	IAMS_20	IAMS_20	11 41 08.1
KDAK	Kodiak Island	55.50 325	P	P	11 17 13.3 +1.8
KDAK	Kodiak Island	55.50 325	P	P	11 17 11.9 +0.4
KDAK	comp=Z,31nm,1.2s				55.50 325 P P 11 17 11.9 +0.4
P17K	Kvichak River	55.50 328	P	P	11 17 12.2 +0.8
LIC	Lamto	55.52 144	eP	P	11 17 09.9 -2.2
O18K	Katmai Hardscr	55.53 327	P	P	11 17 12.3 +0.4
KEBM	Edson Butte	55.56 297	IAMS_20	IAMS_20	11 40 00.5
YBH	Yreka Blue Hor	55.62 295	P	P	11 17 13.1 +0.4
YBH	comp=Z,5.6nm,1.0s				55.62 295 P P 11 17 13.1 +0.4
O16K	Kokwok River B	55.64 329	P	P	11 17 14.3 +1.8
SHPR	Sheep Range	55.65 285	P	P	11 17 13.6 +0.3
M14K	Bethe	55.70 332	P	P	11 17 14.6 +1.8
N15K	Kwehluh River	55.70 331	P	P	11 17 15.2 +2.2
SDV	Santo Domingo	55.71 225	P	P	11 17 13.9 +0.2
SDV	Santo Domingo	55.71 225	eP	P	11 17 12.8 -0.9
LDZF	Santo Domingo	55.75 296	Iamb	Iamb	11 17 14.4 +0.6
LO2F	comp=Z,55nm,1.2s				55.75 296 Iamb Iamb 11 17 20.3
NV11	Mina Array Sit	55.78 289	P	P	11 17 13.6 -0.4
NV11	comp=Z,4um,21.0s				55.78 289 P Iamb 11 17 23.7
NVAR	Mina Array Bea	55.85 289	P	P	11 17 14.8 +0.1
NVAR	comp=Z,1.5nm,0.7s				55.85 289 P P 11 17 15.3 +0.7
NVAR	comp=Z,4um,18.1s				55.85 289 P P 11 17 15.3 +0.7
TPNV	Topopah Spring	55.90 287	P	P	11 17 15.1 +0.2
TPNV	comp=Z,7.6nm,1.6s				55.90 287 P Iamb Iamb 11 17 22.7
TPNV	comp=Z,2um,20.0s				IAMS_20 IAMS_20 11 41 40.9
TPNV	Topopah Spring	55.90 287	P	P	11 17 15.1 +0.2
TPNV	comp=Z,7.6nm,1.6s				55.90 287 Pmax Pmax 11 17 15.1 +0.2
TPNV	comp=Z,2um,20.0s				IAMS_20 IAMS_20 11 41 40.9
YERR	Yerington	55.92 290	Iamb	Iamb	11 17 19.1
MZP	Montezuma Peak	55.92 288	IAMS_20	IAMS_20	11 40 06.7
Q16K	King Salmon	55.99 328	P	P	11 17 14.9 -0.1
KBO	Bosley Butte	56.01 296	IAMS_20	IAMS_20	11 40 07.2
W13A	Hualapai Mount	56.05 283	IAMS_20	IAMS_20	11 40 10.0
P16K	Nushagak River	56.08 329	P	P	11 17 17.1 +1.4
LHV	Little Huntoon	56.09 289	IAMS_20	IAMS_20	11 39 54.0
Q17K	Contact Creek	56.11 327	P	P	11 17 17.7 +1.6
KSXB	Camp Six Broad	56.12 296	P	P	11 17 17.5 -0.6
KSXB	comp=Z,103nm,1.6s				56.12 296 Iamb Iamb 11 17 19.7
KSXB	comp=Z,3um,21.0s				IAMS_20 IAMS_20 11 39 51.3
GMN	Gold Mountain	56.16 288	Iamb	Iamb	11 17 24.6
OHAK	Old Harbor	56.18 325	P	P	11 17 15.9 -0.4
OHAK	Old Harbor	56.18 325	P	P	11 17 19.6 +3.2
OHAK	Old Harbor	56.18 325	P	P	11 17 18.9 +2.6

WCT	Wildcat Mounta	56.21 287	IAMS_20	IAMS_20	11 41 30.4
R18K	Kariuk	56.25 326	P	P	11 17 18.6 +1.7
ARGC	Arigani, Mogd	56.29 230	eP	P	11 17 19.5 +1.8
N14K	Kuskokwag Cree	56.33 331	P	P	11 17 19.4 +1.9
M13K	Dall Lake	56.34 333	P	P	11 17 20.1 +2.6
EMB	Emerald Bay	56.37 291	Iamb	Iamb	11 17 23.6
WAKR	Walker	56.38 290	P	P	11 17 17.6 -0.8
319A	Douglas	56.41 277	IAMS_20	IAMS_20	11 40 27.0
GRAC	Grapevine Rang	56.45 287	P	P	11 17 18.4 -0.3
GRAC	comp=Z,2um,19.0s				IAMS_20 IAMS_20 11 41 34.3
GRAC	Grapevine Rang	56.45 287	P	P	11 17 20.6 +1.9
O15K	Ungalithiuk R	56.47 330	P	P	11 17 20.2 +1.7
TUC	Tucson	56.51 279	P	P	11 17 19.2 0.0
TUC	comp=Z,32nm,1.3s				56.51 279 P P 11 17 19.2 0.0
TUC	Tucson	56.51 279	P	P	11 17 21.5 +2.3
FURC	Furnace Creek,	56.58 287	P	P	11 17 21.2 +1.7
SJCC	San Jacinto, C	56.65 231	eP	P	11 17 17.9 -2.4
GWY	Greenwater Val	56.67 286	P	P	11 17 21.0 +0.4
SHOC	Shoshone, Teco	56.70 286	P	P	11 17 23.0 +2.5
MLAC	Mammoth, Mammo	56.73 289	P	P	11 17 23.3 +2.3
R17K	Ugashik Creek	56.78 327	P	P	11 17 20.8 +0.2
PDMOI	Parker Dam,Lak	56.79 283	P	P	11 17 23.7 +2.6
O14K	Tiguykavuit M	56.79 331	P	P	11 17 22.9 +2.1
AFDM	Forest Hills D	56.83 292	IAMS_20	IAMS_20	11 40 54.2
TIN	Tinemaha, Big	56.85 288	P	P	11 17 23.7 +2.0
MDPB	Devils Postpil	56.86 289	P	P	11 17 20.2 -1.7
TUQ	Tunhouse Moun	56.87 285	P	P	11 17 23.7 +1.9
QSM	Queen of Sheba	56.87 286	P	P	11 17 22.6 +0.2
QSM	comp=Z,64nm,1.3s				56.87 286 Iamb Iamb 11 17 30.5
SII	Sitkinak Island	57.00 325	IAMS_20	IAMS_20	11 41 11.3
SII	Sitkinak Island	57.00 325	P	P	11 17 24.3 +2.0
M11K	Melkyok	57.07 334	P	P	11 17 25.1 +2.5
MPMC	Manual Prospec	57.22 287	P	P	11 17 26.7 +2.3
CMB	Columbia Colle	57.23 290	P	P	11 17 23.4 -0.8
CMB	Columbia Colle	57.23 290	Pmax	Pmax	11 17 23.4 -0.8
GMRC	Granite Mounta	57.23 284	P	P	11 17 26.4 +2.1
CWC	Cottonwood Cre	57.24 288	P	P	11 17 26.8 +2.3
KMRM	Mali Ridge	57.25 294	Iamb	Iamb	11 17 32.3
BLYC	Blythe	57.41 283	IAMS_20	IAMS_20	11 41 03.3
GSC	Goldstone, Bar	57.44 286	P	P	11 17 28.2 +2.4
PETF	Flores	57.52 250	P	P	11 17 26.8 +0.4
BRZS	Berezinski	57.54 47	iP	P	11 17 26.4 +0.1
BRZS	Berezinski	57.54 47	iP	P	11 17 26.3 +0.1
HEC	Hector,Ludlow	57.55 285	P	P	11 17 28.7 +2.1
KCPM	Cahto Peak	57.59 294	IAMS_20	IAMS_20	11 43 01.2
113A	Mohawk Valley,	57.76 282	P	P	11 17 28.1 +0.1
113A	comp=Z,61nm,1.3s				57.76 282 P Iamb Iamb 11 17 36.2
LRMC	Laurel Mt Rad	57.77 286	P	P	11 17 30.3 +2.2
RRX	Edwin Barstow	57.87 286	P	P	11 17 31.0 +2.2
214A	Organ Pipe Nat	57.87 280	P	P	11 17 31.2 +2.3
PAMC	Pariona, Colo	57.93 227	eP	P	11 17 29.9 0.0
BC3	Big Chuckwall	57.98 283	P	P	11 17 31.8 +2.1
VELG	Belle Mtn, Jos	58.01 284	P	P	11 17 32.5 +2.6
BOC	Valley Oaks Go	58.01 288	P	P	11 17 31.0 +1.3
ISA	Isabella, Lake	58.04 287	Iamb	Iamb	11 17 38.6
ISA	comp=Z,119nm,1.8s				IAMS_20 IAMS_20 11 42 52.5
ISA	Isabella, Lake	58.04 287	P	P	11 17 32.2 +2.2
CHIR	Chirikof Islan	58.06 235	P	P	11 17 31.5 +1.7
LCBC	Ls credobas,	58.09 322	eP	P	11 17 31.4 +1.0
GLA	Glamis	58.11 283	P	P	11 17 31.3 +0.8
GLA	comp=Z,88nm,1.2s				Iamb Iamb 11 17 38.8
GLA	Glamis	58.11 283	Pmax	Pmax	11 17 31.3 +0.8
GLA	Glamis	58.11 283	P	P	11 17 32.2 +1.7
CCAC	Calif City Air	58.19 286	P	P	11 17 31.8 -0.8
VES	Vestal, Richgr	58.22 288	P	P	11 17 32.6 +1.4
BBRC	Big Bear Solar	58.30 285	P	P	11 17 34.3 +2.3
BOAV	Boa Vista	58.33 211	P	P	11 17 32.2 +0.1
BOAV	comp=Z,71nm,1.6s				58.33 211 P Iamb Iamb 11 17 34.7
BOAV	Boa Vista	58.33 211	eP	P	11 17 29.9 -2.3
EDW2	Edwards Air Fo	58.39 286	P	P	11 17 32.5 +0.4
TAMC	Tame, Arauca	58.40 226	eP	P	11 17 30.8 -1.9
PMD	Pinon Desert	58.48 284	IAMS_20	IAMS_20	11 41 22.4
CHGN	Chignik	58.51 327	Iamb	Iamb	11 17 39.7
CHGN	comp=Z,89nm,1.2s				58.51 327 P P 11 17 34.3 +1.5
CHGN	Chignik	58.51 327	P	P	11 17 34.3 +1.5
PIX	Pinacate	58.53 280	IAMS_20	IAMS_20	11 41 30.0
PFO	Pinyon Flats O	58.55 284	P	P	11 17 34.3 +0.6
PFO	comp=Z,40nm,1.1s				Iamb Iamb 11 17 41.9
PFO	Pinyon Flats O	58.55 284	iP	P	11 17 34.3 +0.6
PFO	comp=Z,67nm,1.1s				IAMS_20 IAMS_20 11 41 45.2
PFO	Pinyon Flats O	58.55 284	P	P	11 17 35.8 +2.1
PFO	comp=Z,39nm,1.0s				Iamb Iamb 11 17 33.9 +0.2
PFO	comp=Z,15nm,1.1s				58.55 284 P Iamb Iamb 11 17 57.8
BRRC	Barranca, Sant	58.55 228	eP	P	11 17 30.3 -3.4
TPFO	Pinon Flats	58.55 284	P	P	11 17 35.6 +1.9
TGUH	Teguicigapa,Un	58.63 245	eP	P	11 17 32.9 -1.5
ARVC	Arvin	58.64 287	P	P	11 17 36.5 +2.5
BBGB	Big Mountain B	58.67 290	Iamb	Iamb	11 17 32.8 -1.6
ZARCO	Zaragoza, Cauc	58.67 229	eP	P	11 17 34.3 -0.2
BFSO	Mout Baldy Ra	58.70 286	P	P	11 17 37.0 +2.2
SWSC	Sam W. Stewart	58.71 283	P	P	11 17 37.1 +2.5
UREC	San Jos de Ur	58.72 230	eP	P	11 17 34.9 0.0

SAO	San Andreas Ge	58.74 290	P	P	11 17 33.7 -1.1
SAO	San Andreas Ge	58.74 290</			

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Table with columns for station call letters, frequency, power, and signal quality. Includes stations like YAK, JTS, LCR2, CHIC, MALB, ROSC, etc.

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Table with columns for station call letters, frequency, power, and signal quality. Includes stations like TKMK, UCH, BBAC, BTK, BTK, etc.

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Table with columns for station call letters, frequency, power, and signal quality. Includes stations like UOSS, SDBA, PEAOB, PEAOB, etc.

comp=Z,57nm,16.6s	LR	LR			
XLT comp=Z,440nm,14.2s	LR	LR			
comp=Z,770nm,17.1s					
BNX BinXian	76.51	13	↑P	P	11 19 26.6 -0.2
BNX comp=Z,22nm,1.4s					
BNX comp=Z,390nm,3.9s					
MBAR Mbarara	77.05	112	P	P	11 19 28.1 -2.3
MBAR Mbarara	77.05	112	IAMS_20	IAMS_20	11 54 09.2
MBAR Mbarara	77.05	112	IAMS_20	IAMS_20	11 19 31.2 +0.8
MBAR comp=Z,20nm,1.3s					
MBAR Mbarara	77.05	112	LR	LR	11 54 30.0
comp=Z,2µm,18.5s,baz=325,slow=36					
C2SB Chapada do Su	77.05	198	eP	P	11 19 31.8 +1.9
BBSO Serra de San D	77.12	206	eP	P	11 19 30.3 -0.1
NNA Nana	77.23	223	P	P	11 19 29.9 -1.2
NNA comp=Z,43nm,1.1s					
NNA Nana	77.23	223	eP	P	11 19 31.6 +0.5
comp=Z,94nm,1.3s					
ALF01 Guarapari-ES	77.47	186	eP	P	11 19 34.8 +2.5
ITRB Iturama	77.47	196	eP	P	11 19 33.0 +0.1
GOMU GeErlu	77.67	40	P	P	11 19 34.8 +0.9
GOMU GOMU					11 19 39.3 -0.7
GOMU GOMU					11 19 42.0 -2.1
GOMU GOMU					11 29 24.4 -1.3
comp=Z,4.0nm,1.5s					
comp=Z,36nm,5.0s					
GOMU comp=Z,1µm,16.5s					
GOMU comp=Z,470nm,16.8s					
GOMU comp=Z,150nm,16.4s					
MDJ Mudanjiang	77.88	12	P	P	11 19 34.2 -0.3
MDJ comp=Z,12nm,0.9s					
MDJ comp=Z,320nm,4.8s					
MDJ comp=Z,440nm,17.1s					
MDJ comp=Z,580nm,20.0s					
MDJ comp=Z,550nm,21.6s					
MDJ Mudanjiang	77.88	12	P	P	11 19 33.3 -1.1
MDJ Mudanjiang	77.88	12	P	P	11 19 34.5 0.0
BBRB Robore, Bolivi	77.98	205	eP	P	11 19 36.5 +1.4
CN2 Changchun	78.15	15	P	P	11 19 36.1 +0.1
comp=Z,10.0nm,0.9s					
CN2 comp=Z,200nm,6.0s					
CN2 comp=Z,400nm,16.0s					
CN2 comp=Z,500nm,16.0s					
CN2 comp=Z,300nm,20.0s					
BSC Bom Sucesso	78.17	190	eP	P	11 19 36.0 -0.3
BTO Baotou	78.21	27	eP	P	11 19 35.6 -0.9
BTO comp=Z,53nm,1.5s					
BTO comp=Z,730nm,3.8s					
BTO comp=Z,630nm,14.6s					
BTO comp=Z,810nm,15.6s					
comp=Z,1µm,22.6s					
LPAZ La Paz	78.29	213	P	P	11 19 36.6 -1.1
LPAZ La Paz	78.29	213	eP	P	11 19 28.3 -9.4
LPAZ La Paz	78.29	213	eP	P	11 19 37.7 0.0
LPAZ La Paz	78.29	213	P	P	11 19 38.1 +0.4
comp=Z,20nm,1.2s,baz=30,slow=8.6,SNR=14					
comp=Z,0.8nm,0.5s					
HHC Hu-ho-hao-te	78.35	26	↑P	P	11 19 37.7 +0.4
HHC comp=Z,57nm,2.5s					
HHC comp=Z,490nm,6.7s					
HHC comp=Z,800nm,18.3s					
HHC comp=Z,1µm,14.8s					
HHC comp=Z,1µm,14.8s					
USRK Ussuriysk Ar.	78.54	10	P	P	11 19 38.1 0.0
USRK Ussuriysk Ar.	78.54	10	P	P	11 19 38.1 0.0
USRK Ussuriysk Ar.	78.54	10	P	P	11 19 37.8 -0.3
comp=Z,0.8nm,0.5s,baz=343,slow=6.0,SNR=5.4					
BB19B Bebedouro	78.66	194	eP	P	11 19 41.3 +2.4
AQDB Aquidauana	79.24	201	P	P	11 19 41.7 -0.3
AQDB comp=Z,120nm,1.9s					
AQDB Aquidauana	79.24	201	eP	P	11 19 42.9 +0.9
ASAJ Asahikawa	79.26	2	P	P	11 19 41.6 -0.5
comp=Z,5.6nm,1.0s,baz=304,slow=23,SNR=4.1					
JKA Kamikawa-asahi	79.26	2	P	P	11 19 41.1 -1.0
BDQN Bodoquena, MS	79.42	202	eP	P	11 19 43.8 +0.8
PCMB Pacaembu	79.58	196	eP	P	11 19 46.5 +2.5
SNY Shenyang	79.80	17	↑P	P	11 19 45.4 +0.3
SNY comp=Z,17nm,1.8s					
SNY comp=Z,230nm,3.3s					
SNY comp=Z,320nm,20.0s					
SNY comp=Z,340nm,16.5s					
SNY comp=Z,530nm,19.1s					
RCLB Rio Claro- Sao	79.87	193	eP	P	11 19 47.8 +2.3
PB18 Visviri	79.93	214	IAMB	IAMB	11 20 24.3
BJI Beijing	80.17	23	P	P	11 19 47.1 0.0
BJI comp=Z,10.0nm,2.0s					
BJI comp=Z,390nm,15.7s					
BJI comp=Z,190nm,14.6s					
BJI comp=Z,390nm,14.5s					
PB16 IPOC Station P	80.64	214	P	P	11 19 50.4 0.0
PB16 comp=Z,81nm,1.3s					
LZH Lanzhou	80.73	33	eP	P	11 19 50.5 +0.1
LZH comp=Z,81nm,1.3s					
LZH comp=Z,42nm,1.5s					
LZH comp=Z,360nm,4.4s					
LZH comp=Z,800nm,16.8s					
LZH comp=Z,830nm,17.9s					
LZH comp=Z,1µm,17.9s					
MURT Porto Murinho	80.77	202	eP	P	11 19 50.5 +0.2
ANTJ Antonio Joao	80.78	201	eP	P	11 19 51.1 +0.6
KMBO Kilima Mbogo	80.86	106	P	P	11 19 49.5 -1.9
KMBO Kilima Mbogo	80.86	106	IAMS_20	IAMS_20	11 56 10.8

comp=Z,793nm,18.0s					
KMBO Kilima Mbogo	80.86	106	IAMS_20	IAMS_20	11 19 53.2 +1.8
KMBO comp=Z,1.0nm,0.6s					
PB12 IPOC Station P	81.16	215	P	P	11 19 51.2 -1.4
AMBA Amambai (Brazi	81.50	199	eP	P	11 19 54.6 +0.4
TIY Taiyuan	81.54	26	eP	P	11 19 54.4 -0.2
TIY comp=Z,310nm,4.0s					
TIY comp=Z,600nm,15.8s					
TIY comp=Z,440nm,18.6s					
TIY comp=Z,490nm,21.3s					
GO01 Chusmia	81.80	213	P	P	11 19 56.0 -0.4
GO01 comp=Z,73nm,1.3s					
PB08 IPOC Station P	82.24	213	P	P	11 19 57.6 -1.0
PB08 comp=Z,44nm,1.2s					
KIBK Kibwezi	82.31	106	P	P	11 19 57.7 -1.2
KIBK comp=Z,67nm,1.6s					
KIBK comp=Z,1µm,19.0s					
HNS HongShan	82.38	25	↑P	P	11 19 59.5 +0.7
HNS comp=Z,39nm,2.0s					
HNS comp=Z,430nm,3.9s					
HNS comp=Z,520nm,15.9s					
HNS comp=Z,770nm,15.1s					
HNS comp=Z,690nm,18.2s					
PTGB Pitanga	82.75	196	eP	P	11 20 02.2 +1.3
MCR1 Marechal Candi	82.82	198	eP	P	11 20 01.4 +0.3
TA01 Itarema	82.95	214	IAMB	IAMB	11 20 00.4 -1.4
TA01 comp=Z,41nm,1.2s					
PATCX Punta Patache	83.18	214	P	P	11 20 03.5 +0.4
PB01 IPOC Station P	83.19	213	P	P	11 20 02.9 -0.3
PB01 comp=Z,79nm,1.7s					
PB02 IPOC Station P	83.57	213	P	P	11 20 04.0 -1.1
PB02 comp=Z,30nm,1.1s					
PB09 IPOC Station P	83.83	213	P	P	11 20 05.3 -1.2
PB07 IPOC Station P	83.95	213	P	P	11 20 06.0 -1.2
PB07 comp=Z,73nm,1.3s					
XAN Xi'an	84.11	30	↑P	P	11 20 07.8 -0.1
XAN comp=Z,30nm,2.1s					
XAN comp=Z,1µm,23.2s					
XAN comp=Z,930nm,20.6s					
XAN comp=Z,1µm,24.9s					
FRBT Francisco Belt	84.15	197	eP	P	11 20 07.9 0.0
LVC Limon Verde	84.50	212	P	P	11 20 09.6 -0.6
LVC Limon Verde	84.50	212	P	P	11 20 09.6 -0.6
LVC comp=Z,91nm,1.4s					
LVC Limon Verde	84.50	212	eP	P	11 20 11.2 +1.0
LYN LuoYang	84.56	27	↑P	P	11 20 10.4 +0.3
LYN comp=Z,43nm,1.8s					
LYN comp=Z,490nm,4.4s					
LYN comp=Z,730nm,22.3s					
LYN comp=Z,550nm,23.0s					
LYN comp=Z,930nm,20.6s					
KSRS Korea Array	84.73	14	P	P	11 20 10.3 -0.6
comp=Z,3nm,0.7s,baz=350,slow=5.2,SNR=7.9					
KSAR Wonju Array Be	84.74	14	P	P	11 20 09.9 -1.1
KSAR Wonju Array Be	84.74	14	P	P	11 20 09.9 -1.1
PB06 IPOC Station P	84.78	213	IAMB	IAMB	11 20 10.3 -1.1
PB06 comp=Z,38nm,1.1s					
PB15 IPOC Station P	85.22	212	P	P	11 20 13.5 -0.2
CPUP Villa Florida	85.25	201	P	P	11 20 12.6 -0.8
CPUP comp=Z,52nm,1.6s					
CPUP Villa Florida	85.25	201	P	P	11 20 12.6 -0.8
CPUP comp=Z,52nm,1.6s					
CPUP Villa Florida	85.25	201	eP	P	11 20 12.3 -1.1
CPUP comp=Z,5.0nm,0.9s,baz=14,slow=3.4,SNR=7.7					
JMM Marumori	85.44	4	P	P	11 20 13.9 -0.6
CD2 Chenduri	85.50	35	P	P	11 20 13.4 -1.6
CD2 comp=Z,30nm,1.4s					
CD2 comp=Z,320nm,10.8s					
CD2 comp=Z,180nm,10.2s					
CD2 comp=Z,720nm,19.6s					
CRSM Crissiumal (Br	85.79	198	eP	P	11 20 17.3 +1.2
SHL Shillong	86.08	47	P	P	11 20 17.1 -1.0
SHL comp=Z,1µm,21.0s					
SHL Shillong	86.08	47	P	P	11 20 17.1 -1.0
SHL comp=Z,203nm,1.6s					
SHL comp=Z,1µm,21.0s					
ALGR Alto Alegre (B	86.91	197	eP	P	11 20 21.1 -0.5
TSUM Tsumeb	87.28	132	IAMS_20	IAMS_20	11 55 02.5
TSUM Tsumeb	87.28	132	LR	LR	11 57 50.9
comp=Z,994nm,18.8s,baz=332,slow=35					
HYB Hyderabad	87.28	52	eP	P	11 20 23.8 -0.1
UNIS Unistalda (Bra	87.51	198	eP	P	11 20 25.3 +0.8
ENH Enshi	87.81	31	P	P	11 20 25.4 -0.9
ENH comp=Z,996nm,21.0s					
ENH Nanjing	87.81	31	P	P	11 20 26.4 +0.1
NJ2 Nanjing	88.43	23	eP	P	11 20 26.3 -2.8
NJ2 comp=Z,1µm,21.0s					
NJ2 comp=Z,10.0nm,0.5s					
NJ2 comp=Z,370nm,5.7s					
NJ2 comp=Z,710nm,19.0s					
NJ2 comp=Z,750nm,11.8s					
NJ2 comp=Z,500nm,20.6s					
LSZ Lusaka	88.46	121	P	P	11 20 29.3 -0.2
LSZ comp=Z,31nm,1.4s					
LSZ Lusaka	88.46	121	P	P	11 20 29.3 -0.2
LSZ comp=Z,31nm,1.4s					
LSZ comp=Z,2µm,18.0s					
LSZ Lusaka	88.46	121	LR	LR	12 00 42.5
BRDH Badriahada	88.56	49	LR	LR	12 03 18.3
comp=Z,865nm,19.3s,baz=318,slow=38					
RODS Rosario do Sul	88.78	198	eP	P	11 20 31.8 +1.3
WHN Wuhan	88.84	27	↑P	P	11 20 32.5 +1.4
WHN comp=Z,1µm,17.9s					

comp=Z,22nm,0.5s					
PZH PanZhiHua	88.91	39	P	P	11 20 31.3 -0.3
PZH comp=Z,110nm,1.4s					
PZH comp=Z,460nm,4.0s					
PZH comp=Z,490nm,19.2s					
PZH comp=Z,420nm,20.8s					
PZH comp=Z,500nm,20.8s					
TNCH TengChong	89.12	42	↑P	P	11 20 33.6 +0.9
TNCH comp=Z,84nm,1.5s					
TNCH comp=Z,500nm,19.2s					
TNCH comp=Z,770nm,24.2s					
TNCH comp=Z,620nm,15.9s					
JCUZ Jacuzi	89.45	306	IAMS_20	IAMS_20	11 49 59.9
JCUZ comp=Z,2µm,20.0s					
BYL Byron's Lodge	89.49	306	IAMS_20	IAMS_20	11 47 29.9
BYL comp=Z,806nm,22.0s					
KMI Kunming	90.52	38	↑P	P	11 20 38.7 -0.6
KMI comp=Z,43nm,1.8s					
KMI comp=Z,330nm,22.9s					
KMI comp=Z,310nm,16.4s					
KMI comp=Z,580nm,19.6s					
GYA Guiyang	90.56	35	↑P	P	11 20 39.5 +0.1
GYA comp=Z,37nm,2.3s					
GYA comp=Z,410nm,3.5s					

Table with columns: STKA, Stephens Creek, 154.75, 9, PKPdf, PKPab, 11 27 26.3 -2.9, etc.

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

Table with columns: K20K, Telida, 51.38 330, P, Iamb, 11 20 53.9 +0.1, etc.

NIC 01 11:10:33.6:0.0,36:02N:31.35E, h50km,20km, ML2/8 DDA 01 11:10:35.9:0.0,35:90N:31.49E, h7km,5km, ML2.2

s-min=17.4km az=18.0 NEIC 01 11:11:50.2:2.2,57:1N:0.1:33:9W:0.1, h10km,1km, mb4.6/75, Error ellipse: s-maj=17.1km s-min=12.6km

TOAO Torodi Ar. Sit 51.55 134 P P 11 20 56.5 +1.0 TORO Torodi Ar. Bea 51.55 134 P P 11 20 56.2 -3.0

ISC 01 11:11:50.2:1.1,57.08N:0.09:33:91W:0.06, h14km,6km, n126, r123/131, mb4.6/55, 1C, Reykjanes Ridge

Code Station Name Delta Azimuth Phase ID Time Res

SGCV Sterling City 51.64 271 P Iamb 11 20 56.2 0.0

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

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

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

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

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

ISC 01 11:11:47.0:0.9,56:84N:33:96W, h0km, mb4.3/18, mbtmp4.3/19, ML3.8/1, Error ellipse: s-maj=23.8km

Code Station Name Delta Azimuth Phase ID Time Res

Code Station Name Delta Azimuth Phase ID Time Res

PRU 01 11:12:36.7,50:21N:19:05E, h0km, Poland Code Station Name Delta Azimuth Phase ID Time Res

Code Station Name Delta Azimuth Phase ID Time Res



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CPCT	Cooper Cave	39.83	259	P	P	11 28 25.3	+1.4	I30M	Mount Dempster	44.79	324	P	P	11 29 05.2	+1.2	KSCO	Kaye Shedlock	47.11	278	P	P	11 29 23.8	+1.2
CLTN	Cedars of Leba	40.33	262	P	P	11 28 29.2	+1.3	LIRD	Liard River Hi	44.83	314	P	P	11 29 05.4	+1.1	E22K	Anaktuvuk Pass	47.13	333	P	P	11 29 23.2	+0.9
W50A	Signal Mountai	40.45	260	P	P	11 28 29.3	+0.3	D25K	Kavik River	44.90	332	P	P	11 29 05.5	+0.8	NRIK	Noril'sk	47.13	24	iP	P	11 29 21.2	-1.0
AGG	Agios Georgios	40.48	92	P	P	11 28 30.0	+0.8	RLO	Rose Lookout	45.02	269	P	P	11 29 06.9	+0.9	NRIK	Noril'sk	47.13	24	P	P	11 29 23.0	+0.8
AGG	Agios Georgios	40.48	92	P	P	11 28 30.0	+0.8	X40A	Basin Creek Fa	45.07	266	P	P	11 29 06.6	+0.2	BOZ	Bozeman (W)	47.25	291	I	I	11 29 31.4	
ECSD	EROS Data Cent	40.58	279	P	P	11 28 30.7	+0.8	C24K	Franklin Bluff	45.19	333	P	P	11 29 08.7	+1.4	BOZ	Bozeman (W)	47.25	291	P	P	11 29 24.7	+1.0
ECSD	EROS Data Cent	40.58	279	P	P	11 28 31.3	+1.3	J30M	Hart River	45.20	324	P	P	11 29 09.2	+1.1	WHY	Whitehorse	47.34	319	P	P	11 29 25.1	+1.0
SIUC	Southern Illin	40.71	266	P	P	11 28 31.9	+0.8	ILGA	Ilgaz	45.26	80	P	P	11 29 09.3	+1.2	M29M	Somme Creek	47.35	322	P	P	11 29 25.5	+1.4
SIUC	Southern Illin	40.71	266	P	P	11 28 34.9		I29M	Ogglivie Camp,	45.31	325	I	I	11 29 09.2	+1.2	PRP	Porcupine Dome	47.37	328	P	P	11 29 24.6	+0.2
RDO	Rodhopi	40.75	87	P	P	11 28 32.2	+0.9	G27K	Doyon Strip	45.34	328	P	P	11 29 09.2	+1.2	PRP	Porcupine Dome	47.37	328	P	P	11 29 28.5	
RDO	Rodhopi	40.75	87	P	P	11 28 36.9		MTP	Monte Pirata	45.37	224	P	P	11 29 07.5	-1.4	PRP	Porcupine Dome	47.37	328	P	P	11 29 25.6	+1.2
S44A	Carbonate	40.75	266	P	P	11 28 32.8	+1.4	MTP	Monte Pirata	45.37	224	P	P	11 29 13.6		COLD	Coldfoot	47.40	332	P	P	11 29 25.3	+0.9
S44A	Carbonate	40.75	266	P	P	11 28 38.8		OGNE	Ogallala	45.41	280	P	P	11 29 10.1	+0.9	E21K	Killik River	47.42	334	P	P	11 29 25.6	+1.1
GOGA	Godfrey	40.82	256	P	P	11 28 33.5	+1.5	MIAR	Mount Ida	45.43	267	P	P	11 29 10.3	+1.0	LRM	Linekink Ridge	47.52	292	P	P	11 29 26.8	+0.9
GOGA	Godfrey	40.82	256	P	P	11 28 39.7		MIAR	Mount Ida	45.43	267	P	P	11 29 16.7		J26L	Joseph Creek	47.53	326	I	I	11 29 26.7	+1.2
GOGA	Godfrey	40.82	256	P	P	11 28 33.5	+1.5	MIAR	Mount Ida	45.43	267	P	P	11 29 10.3	+1.0	J26L	Joseph Creek	47.53	326	P	P	11 29 26.9	+1.4
GOGA	Godfrey	40.82	256	P	P	11 28 33.3	+1.3	MIAR	Mount Ida	45.43	267	P	P	11 29 10.6	+1.3	Q32M	Nakina River	47.53	316	P	P	11 29 26.6	+0.9
GOGA	Godfrey	40.82	256	P	P	11 28 30.0	+1.7	WTLY	Watson Lake, Y	45.44	316	P	P	11 29 10.2	+1.2	H17A	Grant Village	47.54	289	P	P	11 29 27.4	+1.3
V48A	Smith Brothers	40.86	262	P	P	11 28 34.0	+1.7	F26K	Shejek River	45.44	330	P	P	11 29 10.6	+1.6	H17A	Grant Village	47.54	289	P	P	11 29 35.2	
E28A	Huff	40.91	285	P	P	11 28 34.0	+1.3	VBMS	Vicksburg	45.52	262	P	P	11 29 10.1	+0.1	H17A	Grant Village	47.54	289	P	P	11 29 27.9	+1.8
P40A	Paris	40.97	270	I	I	11 28 34.2	+1.0	VBMS	Vicksburg	45.52	262	P	P	11 29 10.2	+0.1	N23A	Red Feather La	47.55	282	P	P	11 29 24.7	-1.5
P40A	Paris	40.97	270	I	I	11 28 40.5		E25K	Arctic Village	45.53	331	P	P	11 29 10.9	+1.2	N23A	Red Feather La	47.55	282	P	P	11 29 26.9	+0.7
WWT	Waverly	41.12	263	P	P	11 28 34.1	-0.3	C23K	Ikiklik River	45.57	334	P	P	11 29 11.2	+1.2	N30M	Aishik Lake	47.57	321	P	P	11 29 27.0	+1.2
WWT	Waverly	41.12	263	P	P	11 28 41.7		TUL3	Leonard	45.63	270	P	P	11 29 12.0	+1.1	MSO	Misosa	47.58	294	P	P	11 29 26.0	-0.1
WWT	Waverly	41.12	263	P	P	11 28 34.1	-0.3	D24K	Happy Valley	45.63	333	P	P	11 29 12.0	+0.5	MSO	Misosa	47.58	294	P	P	11 29 26.9	+0.7
WWT	Waverly	41.12	263	P	P	11 28 35.1	+0.6	CBKS	Cedar Bluff	45.68	276	P	P	11 29 12.3	+1.1	BPMT	Black Pine Rid	47.60	293	P	P	11 29 27.6	+1.1
VORR	Voronezh	41.17	65	eP	P	11 28 39.4	+4.7	H27K	Steamboat Moun	45.70	327	P	P	11 29 12.1	+1.0	P32M	Atlin	47.64	317	P	P	11 29 27.2	+0.8
VORR	Voronezh	41.17	65	eP	P	11 28 39.5	+1.7	MAYO	Mayo, Yukon	45.70	322	P	P	11 29 12.2	+1.1	RWWY	Ravilins	47.66	284	P	P	11 29 26.0	-1.1
FVM	French Village	41.18	267	P	P	11 28 36.0	+1.1	KAN09	Caldwell North	45.73	272	P	P	11 29 12.2	+1.1	RWWY	Ravilins	47.66	284	P	P	11 29 33.8	
FVM	French Village	41.18	267	P	P	11 28 42.6		FARO	Faro, Yukon	45.73	320	P	P	11 29 10.4	-1.0	O30N	Mendenhall	47.69	320	P	P	11 29 27.9	+1.1
FVM	French Village	41.18	267	P	P	11 28 36.0	+1.1	FARO	Faro, Yukon	45.73	320	P	P	11 29 20.1		F22K	John River	47.69	333	P	P	11 29 27.7	+1.0
DGMT	Dagmar	41.54	289	P	P	11 28 38.2	+0.4	FARO	Faro, Yukon	45.73	320	P	P	11 29 13.0	+1.6	G23K	Bananza Creek	47.74	331	P	P	11 29 28.1	+1.1
DGMT	Dagmar	41.54	289	P	P	11 28 45.4		BMAR	Burnt Mountain	45.74	330	P	P	11 29 11.2	-0.2	S34M	Telegraph Cree	47.80	314	P	P	11 29 29.3	+1.8
DGMT	Dagmar	41.54	289	P	P	11 28 39.5	+1.7	KAN13	South Haven SW	45.74	322	P	P	11 29 12.3	+0.6	H24K	Noodor Dome	47.81	329	I	I	11 29 35.5	
CCM	Cathedral Cave	41.58	268	P	P	11 28 38.2	+0.1	I28M	Miner Creek	45.76	276	P	P	11 29 12.9	+1.2	H24K	Noodor Dome	47.81	329	I	I	11 29 28.3	+0.7
CCM	Cathedral Cave	41.58	268	P	P	11 28 38.3	+0.1	B22K	Teshekpuk Lake	45.85	336	P	P	11 29 12.8	+0.7	LOOK	Love County	47.81	269	P	P	11 29 26.6	-1.4
CCM	Cathedral Cave	41.58	268	P	P	11 28 39.4	+1.3	G26K	Porcupine Rive	45.86	329	P	P	11 29 13.9	+1.7	D20K	Etiuvik River	47.82	335	P	P	11 29 29.1	+1.4
HILA	High Level	41.59	308	P	P	11 28 40.0	+1.9	F25K	Christian River	45.92	330	P	P	11 29 14.1	+1.2	G22K	Bettles	47.97	327	P	P	11 29 30.0	+1.3
L34A	Svendsen Farm,	41.64	276	I	I	11 28 39.6	+0.9	KAN14	Mathester OK	46.05	273	I	I	11 29 20.2		BNN	Bunyan	47.97	81	P	P	11 29 30.7	+1.4
L34A	Svendsen Farm,	41.64	276	I	I	11 28 50.2		MLPR	Magueyes Islan	46.06	226	P	P	11 29 13.9	-0.5	J25K	Salcha River	47.99	327	I	I	11 29 37.0	
KIRV	Kirov	41.82	51	eP	P	11 28 39.0	-0.9	DEOK	Depew	46.07	270	P	P	11 29 14.4	+0.1	KIV	Kislovodsk	47.99	71	P	P	11 29 30.5	+1.2
X48A	Hartselle	41.95	261	I	I	11 28 42.9	+1.5	K29M	Barlow Dome	46.08	323	P	P	11 29 15.4	+1.2	KIV	Kislovodsk	47.99	71	eP	P	11 29 28.9	-0.4
X48A	Hartselle	41.95	261	I	I	11 28 44.7		M31M	Drury Creek, Y	46.12	320	I	I	11 29 25.8		BCAR	Beaver Creek A	48.00	324	P	P	11 29 28.7	-0.5
R40A	Maddies Statio	41.97	269	P	P	11 28 40.4	-1.0	M31M	Drury Creek, Y	46.12	320	P	P	11 29 15.6	+1.2	L27K	Beaver Creek	48.02	324	P	P	11 29 30.1	+0.9
INK	Inuvik	41.98	327	LR	LR	11 45 35.4		BR131	Keekin Array S	46.15	82	P	P	11 29 15.9	+0.9	SCRK	Sand Creek	48.03	326	P	P	11 29 30.8	+1.5
INK	Inuvik	41.98	327	LR	LR	11 45 35.4		BR131	Keekin Array S	46.15	82	P	P	11 29 21.4		MOOV	Moose Ponds	48.08	289	I	I	11 29 37.6	
N35A	Tabor	42.00	275	P	P	11 28 42.5	+0.8	BR131	Keekin Array S	46.15	82	P	P	11 29 21.4		E20K	Nigu River	48.08	335	P	P	11 29 31.5	+1.7
N35A	Tabor	42.00	275	P	P	11 28 43.6		BR131	Keekin Array S	46.15	82	P	P	11 29 14.3	-0.8	T35M	Bob Quinn	48.09	313	P	P	11 29 31.4	+1.6
PBMO	Poplar Bluff	42.06	266	P	P	11 28 43.4	+1.3	BR131	Keekin Array S	46.15	82	P	P	11 29 16.0	+0.9	NATX	Nacogdoches	48.13	265	P	P	11 29 32.0	+1.6
PBMO	Poplar Bluff	42.06	266	P	P	11 28 49.5		BR131	Keekin Array S	46.15	82	P	P	11 29 17.9	+0.3	WMOK	Wichita Moun	48.13	271	I	I	11 29 37.8	
T42A	Van Buren	42.24	267	P	P	11 28 43.7	+0.2	BR131	Keekin Array S	46.15	82	P	P	11 29 18.2	+1.1	WMOK	Wichita Moun	48.13	271	I	I	11 29 31.8	+1.3
F31M	Tsiighectic	42.57	326	P	P	11 28 47.0	+1.1	BR131	Keekin Array S	46.15	82	P	P	11 29 15.6	+0.9	BW06	Boulder Array	48.15	287	P	P	11 29 31.8	+0.5
F31M	Tsiighectic	42.57	326	P	P	11 28 47.0	+1.1	BR131	Keekin Array S	46.15	82	P	P	11 29 17.0	+1.0	BW06	Boulder Array	48.15	287	P	P	11 29 36.6	
VRH	Novokhoporsky	42.70	64	eP	P	11 28 50.4	+3.2	BR131	Keekin Array S	46.15	82	P	P	11 29 17.7	+								







NIED 01 11:34:33.9,24:43N,123:64E, h9km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10<sup>15</sup>Nm; M<sub>n</sub>-0.94; M<sub>ww</sub>-0.63; M<sub>xx</sub>-0.33; M<sub>yy</sub>-0.93; M<sub>zz</sub>-0.63; M<sub>xy</sub>-0.15; Fault plane solution: M<sub>1</sub>:40000×10<sup>15</sup> NP1:  $\phi=289.00000^\circ, \delta=67.00000^\circ, \lambda=108.00000^\circ$ . NP2:  $\phi=150.00000^\circ, \delta=29.00000^\circ, \lambda=53.00000^\circ$ . JMA 01 11:34:33.9,0.1,24:43N,123:64E,0.3, h9km, 1km, MD4.3/9, MV3.8/9, NEAR ISHIGAKIJIMA ISLAND JMA Feil II J1 at NEAR ISHIGAKIJIMA ISLAND. NEIC 01 11:34:33.5,2.0,24:31N,123:61E,0.03, h10km, 1km, mb4.3/10, Error ellipse: s-maj=14.5km s-min=3.6km  $\delta z=15.0$

ISC 01 11:34:33.6,0.9,24:37N,123:63E,0.02, h14km, 6km, n56, -0.495/53, mb4.3/10, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
IRIF	Iriomote-Funau	0.10	112	iP	11 34 36.7	0.0
IRIF	Iriomote-Funau	0.10	112	S	11 34 39.1	+0.2
IRIF	Iriomote-Funau	0.10	112	A	11 34 36.7	
HATJ	Hateruma jima	0.35	153	iP	11 34 41.6	-0.1
HATJ	Hateruma jima	0.35	153	S	11 34 42.7	+0.1
HATJ	Hateruma jima	0.35	153	A	11 34 41.6	
JKRS	Kuro-shima	0.37	111	iP	11 34 41.7	-0.4
JKRS	Kuro-shima	0.37	111	S	11 34 47.5	-0.2
JKRS	Kuro-shima	0.37	111	A	11 34 41.7	
JJIJ	Ishigaki jima	0.47	91	iP	11 34 42.8	-0.2
JJIJ	Ishigaki jima	0.47	91	S	11 34 49.3	0.0
JJIJ	Ishigaki jima	0.47	91	A	11 34 42.8	
YOY	Yonaguni jima	0.57	279	iP	11 34 44.4	-0.4
YOY	Yonaguni jima	0.57	279	S	11 34 50.2	-0.2
YOY	Yonaguni jima	0.57	279	A	11 34 44.4	
YOY	Yonaguni jima	0.57	279	iP	11 34 45.6	+0.2
YOY	Yonaguni jima	0.57	279	S	11 34 51.1	-0.3
YOY	Yonaguni jima	0.57	279	A	11 34 53.1	-0.2
YOY	Yonaguni jima	0.57	279	S	11 34 45.1	
YJNG	Yonagunijimaku	0.63	277	iP	11 34 46.4	0.0
YJNG	Yonagunijimaku	0.63	277	S	11 34 55.2	+0.2
YJNG	Yonagunijimaku	0.63	277	A	11 34 46.4	
JISG	Ishigakijimahi	0.66	71	iP	11 34 45.8	-0.7
JISG	Ishigakijimahi	0.66	71	S	11 34 54.4	+0.2
JISG	Ishigakijimahi	0.66	71	A	11 34 45.8	
JTJ	Tarama	1.01	75	iP	11 34 52.7	-0.5
JTJ	Tarama	1.01	75	S	11 35 06.5	-0.1
JTJ	Tarama	1.01	75	A	11 34 52.7	
JIRB	Irabujima	1.48	72	A	11 35 00.2	
JJKM	Ikeamijima	1.57	69	A	11 35 01.6	
JMK	Miyako jima 2	1.58	73	Pn	11 35 02.1	+0.9
JMK	Miyako jima 3	1.59	76	A	11 35 02.0	
JOGS	Gusukube	1.67	76	A	11 35 03.1	
NACB	Ninganchiao	1.86	264	Pn	11 35 05.4	+0.2
NACB	Ninganchiao	1.86	264	Pn	11 35 07.7	+0.5
TATO	Taipei	2.04	237	Pn	11 35 08.5	+1.0
YHNB	Yeheng	2.07	279	Pn	11 35 08.2	+0.1
YHNB	Yeheng	2.07	279	Pn	11 35 08.5	+0.4
YULB	Yu-ii	2.34	246	Pn	11 35 10.8	-1.0
YULB	Yu-ii	2.34	246	Pn	11 35 12.0	+0.2
SSLB	Suanglung	2.51	237	Pn	11 35 11.3	-2.8
SSLB	Suanglung	2.51	237	Pn	11 35 15.0	+0.9
TWGT	Beinan	2.80	237	Pn	11 35 18.2	+0.1
TPUB	Ta-pu	2.94	249	Pn	11 35 17.4	-2.6
TPUB	Ta-pu	2.94	249	Pn	11 35 21.8	+1.7
JOW	Kunigami	4.86	59	Pn	11 35 46.1	-0.2
JOW	Kunigami	4.86	59	Pn	11 35 48.0	+1.6
JOW	Kunigami	4.86	59	Pn	11 35 48.0	+1.6
JOW	Kunigami	4.86	59	Pn	11 36 41.3	-1.1
JOW	Kunigami	4.86	59	Pn	11 37 42.1	
JMZ	Minamidaito 2	7.03	77	Pn	11 36 15.5	-0.7
JNU	Nakatsue	10.79	34	LR	11 42 20.7	
MK31	Makanchi Array	39.27	315	P	11 42 04.8	-1.3
MKAR	Makanchi Array	39.77	315	P	11 42 06.5	+0.5
MKAR	Makanchi Array	39.77	315	P	11 42 06.2	+0.2
KNRA	Kunururra	40.12	172	P	11 42 09.6	+0.5
KNRA	Kunururra	40.12	172	P	11 42 28.0	
WB0	Warramunga Arr	45.11	166	P	11 42 49.1	-0.6
WB0	Warramunga Arr	45.11	166	P	11 42 55.8	
WRAB	Tennant Creek	45.26	166	P	11 42 51.0	-1.4
WRA	Warramunga Arr	45.27	166	P	11 42 49.6	+0.2
WRA	Warramunga Arr	45.27	166	P	11 42 51.0	+0.1
WB2	Warramunga Arr	45.27	166	P	11 42 50.8	-0.2
WB2	Warramunga Arr	45.27	166	P	11 42 52.5	
WR0	Warramunga Arr	45.33	165	P	11 42 51.5	+0.1
AS31	Alice Springs	48.78	167	P	11 43 16.9	-1.5
AS31	Alice Springs	48.78	167	P	11 43 33.6	
ASAR	Alice Springs	48.78	167	P	11 43 17.0	-1.4
ASAR	Alice Springs	48.78	167	P	11 43 18.9	+0.5
ILAR	Eielson Array	68.02	28	P	11 45 34.7	+2.5
J26L	Joseph Creek	69.48	27	P	11 45 42.5	+1.0
J26L	Joseph Creek	69.48	27	P	11 45 49.6	
M26K	Nabesna, AK	70.24	30	P	11 45 46.8	+0.7
M26K	Nabesna, AK	70.24	30	P	11 45 55.6	
BCAR	Beaver Creek A	70.60	29	P	11 45 48.9	+0.6

PRE 01 11:35:41.7,1.2,26:27S,27:70E, h2km, ML2.2 EAF 01 11:35:42.1,26:28S,27:84E, h10km, MC3.5 BUL 01 11:35:42.2,1.1,26:28S,27:83E, h10km, MD3.6 ISC 01 11:35:41.5,1.1,26:27S,0:03,27:75E,0.03, h10km, 9km, n27,  $\delta z=200/54$ , South Africa

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
WDLM	Western Deep L	0.33	242	eP	11 35 47.9	+0.3
WDLM	Western Deep L	0.33	242	eS	11 35 51.2	-1.4
WDLM	Western Deep L	0.33	242	A	11 35 53.9	
SLR	Silverton	0.72	42	eP	11 35 57.0	+0.8
SLR	Silverton	0.72	42	eS	11 36 07.0	+0.9
SLR	Silverton	0.72	42	A	11 36 08.0	
PRYS	Parys	0.74	208	eP	11 35 56.2	+0.4
PRYS	Parys	0.74	208	eS	11 36 06.3	+0.8
PRYS	Parys	0.74	208	A	11 36 13.4	
KSR	Koster	0.87	298	eP	11 35 57.8	-0.5
KSR	Koster	0.87	298	eS	11 36 10.0	+0.2
KSR	Koster	0.87	298	A	11 36 16.4	
SNKL	Senekal, Frees	2.00	179	eP	11 36 17.9	-0.1
SNKL	Senekal, Frees	2.00	179	eS	11 36 43.2	+0.2
SNKL	Senekal, Frees	2.00	179	A	11 36 51.3	
CRLN	Carollina, Mapu	2.06	83	eP	11 36 18.9	-0.3
CRLN	Carollina, Mapu	2.06	83	eS	11 36 45.1	-2.1
CRLN	Carollina, Mapu	2.06	83	A	11 36 46.0	
LBTB	Lobatse	2.31	302	iP	11 36 22.1	+2.4
LBTB	Lobatse	2.31	302	S	11 36 49.3	+1.9
LBTB	Lobatse	2.31	302	A	11 36 49.3	+1.9
LBTB	Lobatse	2.31	302	iP	11 36 49.3	+1.9
LBTB	Lobatse	2.31	302	S	11 36 53.2	
LBTB	Lobatse	2.31	302	A	11 36 53.2	
LBTB	Lobatse	2.31	302	iP	11 36 22.1	+2.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
LBTB	Lobatse	2.31	302	iP	11 36 49.3	+1.0
SWZ	Schweizer	2.34	247	eP	11 36 21.3	+1.1
SWZ	Schweizer	2.34	247	eS	11 36 49.9	+0.8
SWZ	Schweizer	2.34	247	A	11 36 55.6	
LEPH	Lephale, Lim	2.40	1	eP	11 36 22.8	+1.9
LEPH	Lephale, Lim	2.40	1	eS	11 36 52.3	+1.8
LEPH	Lephale, Lim	2.40	1	A	11 36 54.6	
PILG	Pilgrimsrest,	2.99	64	eP	11 36 31.0	+1.9
PILG	Pilgrimsrest,	2.99	64	eS	11 37 07.2	+2.1
PILG	Pilgrimsrest,	2.99	64	A	11 37 13.4	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4
BOSA	Boshof	3.22	223	A	11 37 26.9	
BOSA	Boshof	3.22	223	iP	11 36 32.8	+0.6
BOSA	Boshof	3.22	223	iS	11 37 10.4	-0.3
BOSA	Boshof	3.22	223	eP	11 36 33.5	+1.3
BOSA	Boshof	3.22	223	eS	11 37 11.0	+0.4



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

IDC 01 12:48:13.4:3.3, 177.5S-178.70W, h610km, 22km, mb2.9, mbtmp3.8, Error ellipse: s-maj=191.7km s-min=19.1km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsau, WRA Warramunga Arr, ASAR Alice Springs, etc.

OSPL 01 12:50:47.5:2.6, 18.24N:68.97W, h122km, 17km, ML3.1 SDD 01 12:50:47.9:2.5, 18.42N:68.94W, h118km, 10km, MD3.6, ML3.4, MW3.3, Fault plane solution: NPT1: 102.00000, S33.00000, X1:154.00000

ISC 01 12:50:46.8:1.5, 18.37N:0.07:68.97W, 0.04, h113km, 9km, n24, c105/38, 8C-4D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SADR Isla Saona, HIDR Higey Centro, HATOM Hato Mayor del, etc.

IDC 01 12:54:16.4:1.8, 5.77:08N-33.96W, h0km, mb3.7/6, mbtmp3.6/7, ML3.9/1, MS3.6/28, Error ellipse: s-maj=49.0km s-min=27.3km az=41.0

ISC 01 12:54:18.2:1.5, 5.71N:0.25:34.0W, 0.2, h13km, n33, c1916/8, mb3.8/6, MS3.6/25, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFJD Kangerlussuaq, EKA Eskdalemuir Ar, FRB Frobisher Bay, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, HFS Hagfors, ESDC Seisac Array B, etc.

BER 01 12:55:52.2:2.5, 79.19N:2.95E, h10km, mb(Pn)3.7, Confirmed Earthquake

DNK 01 12:55:53.0:1.3, 79.14N:3.12E, h36km, 31km, ML1.6 KOLA 01 12:55:55.7, 79.03N:4.58E, h0km, ML2.3, Error ellipse: s-maj=16.9km s-min=12.9km az=170.0, Greenland sea, Knipovich ridge, north

ISC 01 12:55:47.3:1.8, 79.17N:0.08:2.70E, 0.04, h6km, 13km, n17, c233/31, 1D, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBS Kingsbay, BRBB Barentsburg B, SPA0 Spitsbergen Ar, etc.

IDC 01 13:01:59.8:4.6, 57.12N:34.26W, h0km, mb3.7/4, mbtmp3.6/7, Error ellipse: s-maj=122.5km s-min=62.1km az=20.0, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, BRTR Keskin Array B, KURBB Kurchatov Arra, etc.

EAJ 01 13:05:26.2, 21.26S:25.24E, h10km, MC3.7 BUL 01 13:05:27.9, 21.21S:25.44E, h10km, MD3.9

ISC 01 13:05:25.1, 8.21N:33.50W, 0.75, h10km, n24, c353/44, 4D, Botswana

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATP Matopo, MATT Matopo, LBTB Lobatse, etc.

LJU 01 13:07:54.3, 45.43N:14.32E, h0km, ML0.8, 1C, Suspected explosion, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNDS Knezi Doi, RIY Rijeka, SKDS Skadanscina, etc.

IE 01 13:08:00.0:0.8, 46.26N:14.60E, h0km, m10.7/1, Error ellipse: s-maj=4.8km s-min=2.5km az=17.0 19 km E of Kranj Suspected Mining explosion, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBKA Obir, SOKA Soboth, etc.

IDC 01 13:25:30.7:2.2, 0.76S:127.28E, h0km, mb3.1/3, s-min=28.2km az=66.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JNU Nakatsue, etc.

IDC 01 13:28:48.7:5.1, 5.00S:153.26E, h49km, 40km, mb3.3/5, mbtmp3.6/5, MS3.4/4, Error ellipse: s-maj=42.7km s-min=23.9km az=93.0

ISC 01 13:32:48.3:1.3, 5.05S:0.2:153.2E, 0.2, h43km, n11, c1520/8, mb3.5/5, MS3.1/3, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), HNR Honiara, GUMO Guam, etc.









FRMA		S	Sn	16 49 29.6	-2.5		
FRMA		AML	AML	16 49 35.1			
FRMA	comp=E,60730um,0.6s		AML	16 49 40.1			
THR8	comp=N,49059um,0.6s						
THR8	Santorini-Mono	2.11 283	P	16 49 07.4	+0.4		
SANT	Santorini	2.12 282	P	16 49 07.5	+0.4		
SANT			Sn	16 49 31.2	-1.6		
SANT	Santorini	2.12 282	Pn	16 49 07.7	+0.6		
SANT	Santorini	2.12 282	P	16 49 07.8	+0.6		
SANT			Sn	16 49 32.5	-0.3		
SANT	comp=N,24um,0.4s						
SANT	Santorini	2.12 282	Pn	16 49 06.9	-0.2		
SANT	Santorini	2.12 282	P	16 49 07.3	+0.1		
SANT	Santorini	2.12 282	P	16 49 07.6	+0.4		
SANT			Sn	16 49 31.2	-1.6		
SANT			AML	16 49 32.4			
SANT	comp=N,29932um,0.4s						
SANT			AML	16 49 32.9			
KORT	Korkuei	2.14 60	Pn	16 49 08.9	+1.4		
KORT			Sn	16 49 33.6	+0.3		
SNT1	Gialos, Santor	2.16 283	P	16 49 08.1	+0.6		
SNT1			S	16 49 33.5	0.0		
SNT1	comp=N,24um,0.6s						
SNT1	Gialos, Santor	2.16 283	P	16 49 08.1	+0.6		
SNT1			Sn	16 49 31.1	-1.3		
THR2	Thira island,	2.16 284	P	16 49 08.6	+1.0		
IKRA	Agios-Kirikos-	2.16 320	P	16 49 08.1	+0.5		
IKRA			S	16 49 32.2	-1.4		
IKRA			AML	16 49 34.8			
IKRA	comp=N,35746um,0.7s						
IKRA			AML	16 49 36.0			
IKRA	comp=E,19849um,0.7s						
THR2	Imerovigli	2.17 284	P	16 49 08.3	+0.6		
THR6	Thira Island,	2.17 281	P	16 49 08.5	+0.8		
THR6	Thira Island,	2.18 283	P	16 49 08.4	+0.6		
SNT3	Nea Kammeni, S	2.18 283	P	16 49 08.7	+0.7		
SNT5			S	16 49 33.4	-0.6		
CMBO	Columbo, Santo	2.19 284	P	16 49 08.5	+0.6		
CMBO	Columbo, Santo	2.19 284	P	16 49 08.5	+0.6		
CMBO			Sn	16 49 32.7	-1.4		
CMBO			AML	16 49 38.2			
CMBO			AML	16 49 38.2			
THR9	Santorini-Faro	2.20 281	P	16 49 08.7	+0.6		
THR5	Thira Island,	2.22 283	P	16 49 08.6	+0.2		
APE	Apeiranthos	2.30 300	P	16 49 10.1	+0.6		
APE			Sn	16 49 35.9	-1.1		
APE	Apeiranthos	2.30 300	Pn	16 49 10.1	+0.6		
APE			Sn	16 49 35.9	-1.1		
APE	Apeiranthos	2.30 300	P	16 49 09.9	+0.3		
APE	Apeiranthos	2.30 300	P	16 49 09.8	+0.3		
APE	Apeiranthos	2.30 300	P	16 49 10.1	+0.6		
APE			Sn	16 49 35.1	-1.3		
APE			AML	16 49 37.1			
APE	comp=E,27040um,0.5s						
APE			AML	16 49 37.7			
ANTB	Antalya	2.31 65	Pn	16 49 11.6	+1.9		
HRKL	Herakleio	2.47 256	Pn	16 49 12.2	+0.5		
HRKL	Herakleio	2.47 256	P	16 49 12.3	+0.5		
HRKL	Herakleio	2.47 256	P	16 49 12.2	+0.5		
HRKL			Sn	16 49 30.7	-0.4		
HRKL			AML	16 49 46.9			
HRKL			AML	16 49 51.8			
IACM	Heraklion	2.50 256	P	16 49 12.6	+0.5		
IACM			Sn	16 49 40.2	-1.4		
KSTL	Kastelli Herak	2.50 256	P	16 49 10.4	-1.7		
KSTL			Sn	16 49 38.2	+0.5		
KSTL	Kastelli Herak	2.50 256	P	16 49 10.5	-1.6		
KSTL			Sn	16 49 36.8	-4.9		
BASM	Basmaki-Afyon	2.54 39	Pn	16 49 12.9	+0.1		
BCK	Bucac	2.55 342	Pn	16 49 14.0	+1.1		
BCK			Sn	16 49 42.9	-0.1		
BCB	Balcova	2.54 53	Pn	16 49 12.6	-0.2		
BCB	Balcova	2.55 342	P	16 49 12.6	-0.2		
MANT	Manisa	2.56 9	P	16 49 12.8	-0.5		
MANT			Sn	16 49 41.7	-1.9		
ZEVE	Izmir, Urla-Ze	2.59 332	P	16 49 13.3	-0.1		
ZEVE			Sn	16 49 41.5	-2.3		
KULA	Kula-Manisa	2.60 11	Pn	16 49 13.2	+0.2		
KULA			Sn	16 49 43.1	-1.3		
IDI	Anoyia	2.65 256	P	16 49 14.2	0.0		
IDI			Sn	16 49 43.4	-2.0		
IDI	Anoyia	2.65 256	P	16 49 14.4	+0.2		
IDI	Anoyia	2.65 256	Pn	16 49 14.0	-0.2		
IDI	Anoyia	2.65 256	P	16 49 14.3	0.0		
IDI	Anoyia	2.65 256	P	16 49 14.3	0.0		
IDI	comp=N,2um,0.5s,baz=64,slow=13,SNR=1083						
IDI	comp=N,7um,0.4s,baz=79,slow=20,SNR=15			16 49 43.1	-2.3		
IDI	Anoyia	2.65 256	LR	16 49 44.1			
IDI	comp=N,1um,18.6s,baz=54,slow=36			16 49 14.2	0.0		
IDI	Anoyia	2.65 256	P	16 49 14.2	-1.1		
IDI			AML	16 49 45.9			
IDI	comp=E,42167um,0.4s			16 49 50.3			
URLA	Izmir	2.66 335	Pn	16 49 14.3	-0.1		
URLA			Sn	16 49 44.1	-1.6		
ISP	Isparta	2.73 46	Pn	16 49 15.6	+0.2		
ISP	Isparta	2.73 46	Pn	16 49 15.2	-0.2		
ISP	Isparta	2.73 46	P	16 49 15.1	-0.3		
ISP	Isparta	2.73 46	P	16 49 15.2	-0.2		
ISP	Isparta	2.73 46	Pn	16 49 15.7	+0.2		
GOMA	Golmarmara-Man	2.75 358	Pn	16 49 15.2	-0.3		
TMBK	Timbaki Herakl	2.81 253	P	16 49 18.0	+1.7		
TMBK			Sn	16 49 48.9	-0.2		
TMBK			AML	16 49 53.2			
TMBK	comp=N,67658um,0.7s						
TMBK			AML	16 49 58.3			
TMBK	comp=E,71557um,1.0s						
RFT5	Foca	2.89 340	Pn	16 49 17.3	-0.1		
RFT5			Sn	16 49 42.2	-1.8		
CHOS	Chios island	2.90 328	P	16 49 17.8	+0.2		
CHOS	Chios island	2.90 328	P	16 49 17.2	+0.2		
CHOS			Sn	16 49 50.4	-1.0		
CHOS			AML	16 49 54.4			
CHOS	comp=N,6488um,0.6s						
CHOS			AML	16 49 56.4			
AKS	Akhisar	2.92 357	Pn	16 49 17.6	-0.3		
KARB	zmir-Karabur	3.00 335	P	16 49 18.6	-0.2		
KARB			Sn	16 49 51.7	-2.0		
EAGZ	Marmaro, Chios	3.00 330	P	16 49 19.5	+0.5		
MHLO	Agia Marina, M	3.02 285	P	16 49 20.2	+1.0		
MHLO			Sn	16 49 53.1	-1.3		
MHLO			AML	16 50 05.0			
MHLO	comp=E,34644um,0.8s						
MHLO			AML	16 50 05.2			
MHLO	comp=N,35988um,0.6s						
ZEDA	zmir-Bergama	3.10 346	P	16 49 20.3	+0.1		
ZEDA			Sn	16 49 54.0	-2.3		
SIMA	Simav-Kutahya	3.21 13	Pn	16 49 21.7	-0.2		
SMAA	Simav-Kutahya	3.23 13	Pn	16 49 22.2	+0.1		
DKL	Dikili	3.24 344	P	16 49 22.3	+0.2		
DKL	Dikili	3.24 344	P	16 49 22.3	+0.2		
GEDZ	Gezdir	3.27 17	Pn	16 49 22.8	+0.1		
CHAN	Chania	3.27 264	P	16 49 23.0	+0.3		
EAG3	Mitilini, Lev3	3.33 340	P	16 49 24.0	+0.6		
IMMV	Iera Moni Meta	3.33 263	P	16 49 24.0	+0.6		
IMMV			Sn	16 50 00.1	-1.6		
IMMV			AML	16 50 06.4			
IMMV	comp=E,44522um,0.4s						
IMMV			AML	16 50 06.6			
IMMV	comp=N,31470um,0.5s						
GVD	Gavdhos	3.41 252	P	16 49 25.6	+1.1		
GVD			Sn	16 50 02.7	-1.1		
GVD			AML	16 50 05.5			
GVD	comp=E,39345um,0.5s						
GVD			AML	16 50 08.5			
STEP	BALIKESIR_Sava	3.42 356	P	16 49 24.7	0.0		
STEP			Sn	16 50 01.3	-2.9		
PRK	Paraskevi	3.57 337	P	16 49 26.8	+0.2		
PRK			Sn	16 50 05.4	-2.2		
PRK			AML	16 50 06.9			
PRK	comp=N,11591um,0.8s						
PRK			AML	16 50 19.8			
RFT2	Karaagac	3.58 345	Pn	16 49 26.8	0.0		

DOGA	KONYA Dognanhs	3.62 53	P	16 49 28.4	+1.0		
OSCI	CSNet OBS 1	3.62 132	P	16 49 25.9	-1.4		
OSCI			Sn	16 50 04.7	-4.3		
AKMS	Akamass	3.63 104	P	16 49 26.5	-1.0		
AKMS			AML	16 50 07.6			
AKMS	comp=E,61nm,0.5s						
AKMS			AML	16 50 07.6			
AKMS	comp=E,61nm,0.5s						
AKMS			AML	16 50 07.6			
AKMS	comp=E,30nm,0.7s						
AKMS			AML	16 50 07.9			
AKMS	comp=E,30nm,0.7s						
BALR	Balikesir	3.68 358	Pn	16 49 28.3	+0.2		
BALR	Balikesir	3.68 358	Pn	16 49 28.3	+0.2		
SIGR	SIGRI	3.68 333	P	16 49 28.6	+0.5		
SIGR	SIGRI	3.68 333	P	16 49 28.4	+0.3		
RFT1	Sazli	3.79 341	Pn	16 49 29.9	+0.3		
ALFC	Alefka	3.81 101	P	16 49 29.1	-0.8		
ALFC			AML	16 50 13.3			
ALFC	comp=E,24nm,0.3s						
ALFC			AML	16 50 17.3			
ALFC	comp=E,22nm,0.5s						
ALFC			AML	16 50 17.3			
ANKY	Antikythira Is	3.84 270	P	16 49 30.8	+0.5		
ANKY			Sn	16 50 12.3	-2.0		
ANKY			AML	16 50 19.3			
ANKY	comp=E,1,4581um,0.6s						
ANKY			AML	16 50 23.0			
ANDZ	Youla, Athens	3.84 22	P	16 49 30.6	+0.1		
ANDZ	Youla, Athens	3.89 300	P	16 49 32.3	+1.3		
NATA	Nata	3.89 106	P	16 49 30.1	-1.0		
NATA			AML	16 50 22.2			
NATA	comp=N,68nm,0.6s						
NATA			AML	16 50 22.5			
DION	Dionisos Attik	3.91 304	P	16 49 32.7	+1.5		
PTL	Penteli	3.94 303	P	16 49 32.2	+0.5		
ATHU	Athens Univer	3.95 302	P	16 49 33.3	+1.5		
ATH	Athens Observa	4.00 301	P	16 49 33.6	+1.2		
SKY	Skyros Island	4.02 318	P	16 49 34.3	+1.4		
KTHA	Kythira Island	4.04 276	P	16 49 33.6	+0.6		
KTHA			AML	16 50 18.9			
KTHA	comp=E,31880um,0.5s						
KTHA			AML	16 50 19.4			
TROD	Troodos	4.07 103	P	16 49 34.0	+0.3		
TROD			Sn	16 50 18.4	-1.9		
TROD			AML</				

SIM	Simferopol'	10.11	25d <i>P</i>	Pn	16 50 56.8 +1.1	AKASG	Malin Array Be	14.77	3	Pn	16 51 58.4 +0.4	comp=Z,58nm,0.9s,baz=134,slow=11	HSKC	Hora Svate Kat	18.05	329	eP	Pn	16 52 38.7 -0.1	
SIM			eS	Sn	16 52 47.0 -0.2	AKASG	Malin Array Be	14.77	3	P	16 51 58.4 +0.4		HSKC				eS	Pn	16 55 57.9 -1.8	
SIM			eS	Sn	16 52 47.0 -0.2	AKASG	Malin Array Be	14.77	3	P	16 51 55.5 -2.5		VRH	Novokhopovsk	18.14	29	eP	Sn	16 52 39.0 0.0	
SIM	comp=Z,2.0nm,1.1s		pmx	pmx		AKASG	comp=Z,8.5nm,1.0s,baz=184,slow=12,SNR=38			LR	16 58 49.8		VRH				eS	Pn	16 56 03.0 +1.3	
SIM	comp=N,71nm,0.9s		smx	smx		AKASG	comp=Z,84nm,18.1s,baz=188,slow=12			LR								pmx		
SIM			smx	smx		AKASG	comp=Z,2.6nm,0.9s,baz=207,slow=0.6,SNR=6.8			ScP	17 00 30.5 -0.2									
GHRP		10.14	358	iP	Pn	16 50 57.5 +1.8	AKB	Malin Array Si	14.77	3	Pn	16 51 57.5 -0.5	NKC	Novy Kostel	18.20	326	eP	Pn	16 52 40.5 -0.2	
RUDO	Rudo	10.14	322	ePn	Pn	16 50 57.8 +1.5	AKB	Malin Array Si	14.77	3	ePn	16 51 57.8 -2.2	NKC	Novy Kostel	18.20	326	eP	Pn	16 52 40.5 -0.2	
DBRK	Dubrovnik	10.17	314	ePn	Pn	16 50 56.9 +0.3	SMOL	Smoneice	14.78	331	eP	16 52 03.0 +0.8	WRN	Wernitztunnel	18.27	326	eP	Pn	16 52 41.3 -0.2	
DIVS	Divibare	10.20	325	iPn	Pn	16 50 58.9 +1.8	TATN	Tatauigne	14.86	262	iP	16 51 55.9 -3.5	WERN				eP	pP	16 52 53.5 -3.0	
DIVS	Divibare	10.20	325	iP	Pn	16 50 59.1 +2.0	CASP	Castiglione de	14.92	302	iP	16 51 59.1 -0.9	SET	Setif	18.29	277	eP	Pn	16 52 43.0 +1.0	
DIVS	Divibare	10.20	325	iP	Pn	16 50 58.6 +0.6	JAVC	Velka Javorina	14.97	333	ePn	16 52 00.6 -0.2	FBE	Freiberg	18.31	329	eP	Pn	16 52 41.9 -0.1	
BBLS	Lazi&#263;i	10.21	303	iPn	Pn	16 50 58.2 +0.6	CONC	Conrad Observa	14.98	327	eP	16 52 01.0 +0.1	TANN	Tannenbergtas	18.32	327	eP	Pn	16 52 41.7 +0.4	
CUC	Castrocucco	10.45	296		Pn	16 50 58.6 -1.9	KEST	Kesra	15.16	275	P	16 52 03.5 +0.2	GUNZ	Gunzen	18.34	327	eP	Pn	16 52 42.2 -0.3	
STON	Ston	10.56	314	iPn	Pn	16 51 01.6 -0.2	KEST	Kesra	15.16	275	P	16 52 03.5 +0.2	LPSR	Galich ya Gora	18.34	21	eP	Pn	16 52 40.4 -1.1	
MRVN	Minervino Murg	10.56	302	iP	Pn	16 51 00.3 -1.6	KEST	comp=Z,20nm,0.9s,baz=56,slow=4.8,SNR=36			Sn	16 54 38.2 -1.2	LPSR							
NEVSI	Neversimje	10.60	317	ePn	Pn	16 51 03.9 +1.4	KEST	comp=Z,27nm,0.7s,baz=286,slow=21,SNR=11			LR	16 57 42.3	SUW	Suwalki	18.37	351	eP	P	16 52 41.9 +0.1	
TESR	Tescani	10.60	355	iP	Pn	16 51 03.6 +1.2	KEST	comp=Z,77nm,21.9s,baz=9.5,slow=36			LR	16 52 03.7 +0.4	GRF	Grafenberg Arr	18.39	323	eP	P	16 52 42.0 -0.1	
SURR	Surduc	10.76	337	iP	Pn	16 51 05.5 +0.9	MYKA	Terra Mystica	15.16	319	ePn	16 52 02.6 -0.8	GRF	comp=Z,211nm,1.2s,baz=134,slow=11			eL	L	17 01 49.3	
TEKS	Tekeris	10.76	326	iPn	Pn	16 51 05.8 +1.1	PTCC	Patocco-Chiusa	15.18	318	iP	16 52 02.6 -0.8	GRFO	comp=Z,78nm,21.8s			P	P	16 52 40.8 -1.3	
BZS	Buzias	10.80	335	P	Pn	16 51 05.9 +0.7	MAUC	Maruska	15.34	334	eP	16 52 07.0 -1.4	GRFO	Grafenberg	18.39	323	P	P	16 52 40.8 -1.3	
BZS	Buzias	10.80	335	P	Pn	16 51 05.9 +0.7	MAUC	Ojoc	15.46	340	iP	16 52 10.2 +0.6	WRFO	Werdha	18.41	327	eP	Pn	16 52 42.8 -0.4	
WDD	Wied Dalam	10.95	273		Pn	16 51 05.1 +2.3	GROC	Groznyy	15.48	57	eS	16 52 08.7 -1.2	WRFO	Werdha	18.41	327	eP	Pn	16 52 42.8 -0.4	
WDD	Wied Dalam	10.96	273	iP	Pn	16 51 05.5 -1.9	GROC	Groznyy	15.48	57	eS	16 52 08.7 -1.2	WRFO	Werdha	18.41	327	eP	Pn	16 52 42.8 -0.4	
MILM	Milestii Mici	10.97	3	iP	Pn	16 51 08.0 +0.5	GROC	Groznyy	15.48	57	eS	16 52 08.7 -1.2	PLN	Plauen	18.51	327	eP	Pn	16 52 44.0 -0.4	
MILM	Milestii Mici	10.97	3	iP	Pn	16 51 08.0 +0.5	GROC	Groznyy	15.48	57	eS	16 52 08.7 -1.2	PLN	comp=Z,213nm,1.6s,baz=134,slow=11			Pn	16 52 44.0 -0.4		
LSTV	Valstovo	10.98	312	ePn	Pn	16 51 06.2 -1.4	KBA	Koelnbreinsper	15.61	320	ePn	16 52 09.6 +0.7	MNK	Minsk	18.55	360	iP	P	16 52 42.0 -1.7	
LSTV	Valstovo	10.98	312	ePn	Pn	16 51 06.2 -1.4	KBA	Koelnbreinsper	15.61	320	ePn	16 52 09.6 +0.7	MNK	comp=E,20nm,1.3s			iP	P	16 52 42.0 -1.7	
VAE	Valguarnera	11.04	282	P	Pn	16 51 07.8 -0.8	KBA	comp=Z,198nm,0.8s			Pn	16 52 08.8 -0.2	MNK	comp=N,68nm,1.3s			iP	P	16 52 42.0 -1.7	
KIS	Kishinev	11.05	3	eP	Pn	16 51 08.9 +0.4	KBA	comp=Z,52nm,1.5s,SNR=8			Pn	16 52 08.8 -0.2	MNK							
RAFF	Raffo Rosso	11.06	281	Pn	Pn	16 51 07.4 -1.4	OKC	Orstrava-Krasne	15.63	336	eP	16 52 08.6 -0.4	MNK							
BIZ	Bicz	11.07	353	iP	Pn	16 51 09.2 +0.4	OKC	Orstrava-Krasne	15.63	336	eP	16 52 08.6 -0.4	MNK							
FRGS	Fruska Gora	11.11	328	ePn	Pn	16 51 11.4 +2.0	KRUC	Moravsky	15.63	331	ePn	16 52 09.0 -0.1	MNK	comp=Z,56nm,1.3s			iP	P	16 52 42.0 -1.7	
FRGS	Fruska Gora	11.11	328	ePn	Pn	16 51 10.8 +1.4	MOA	Molin	15.66	324	iPn	16 52 10.2 +0.7	MNK	comp=Z,56nm,1.3s			iP	P	16 52 42.0 -1.7	
SGRT	San Giovanni R	11.19	305	Pn	Pn	16 51 09.4 -1.2	VRAC	Vranov	15.75	331	iP	16 52 11.5 +0.9	MNK							
MAKA	Makarska	11.21	314	ePn	Pn	16 51 10.4 -0.3	VRAC	Vranov	15.75	331	ePn	16 52 11.3 +0.7	MNK							
RICI	Ricice	11.27	315	ePn	Pn	16 51 11.6 0.0	VRAC	Vranov	15.75	331	P	16 52 10.1 -0.5	MNK							
MARR	Marisel-Cluj	11.33	303	iP	Pn	16 51 14.4 +2.3	VRAC	comp=Z,133nm,0.9s,baz=148,slow=10,SNR=126			LR	16 58 44.5	MNK	comp=E,69nm,19.5s			iLRM	MLR	17 00 50.0	
ANN	Anapa	11.37	36	eS	Sn	16 53 19.3 +1.3	VRAC	comp=Z,80nm,21.7s,baz=146,slow=39					MNK	comp=Z,60nm,10.2s			iLRM	MLR	17 01 06.3	
ANN				pmx	pmx		VLC	Villacollemand	15.78	307	iP	16 52 10.5 -0.5	MNK	comp=N,140nm,15.7s			iLRM	MLR	17 01 06.3	
ANN				pmx	pmx		MORC	Moravsky Berou	15.79	334	iP	16 52 12.5 -0.9	MNK	Minsk	18.55	360	iP	P	16 52 41.9 -1.7	
HVAR	Hvar	11.48	312	ePn	Pn	16 51 13.3 -1.1	MORC	Moravsky Berou	15.79	334	ePn	16 52 12.0 +1.0	MNK							
DRGR		11.54	341	P	Pn	16 51 17.1 +1.8	MORC	Moravsky Berou	15.79	334	ePn	16 52 12.4 +0.5	MNK							
DRGR		11.54	341	P	Pn	16 51 17.0 +1.8	MORC	Moravsky Berou	15.79	334	ePn	16 52 12.4 +0.5	MNK							
DOB	Doboj	11.58	322	ePn	Pn	16 51 19.0 +3.2	ABTA	Abfaltersbach	15.85	318	iPn	16 52 11.8 -0.1	MNK	comp=N,68nm,1.3s			pmx	pmx		
SRKY	Kupres RS	11.61	318	ePn	Pn	16 51 16.9 +0.5	BIOA	Bad Ischl, Aus	15.86	322	ePn	16 52 12.5 +0.5	MNK	comp=N,68nm,1.3s			pmx	pmx		
SIHT	Sirmak	11.66	78	iP	Pn	16 51 19.2 +2.1	LES	Schwarzteal	16.18	320	iPn	16 52 16.2 +0.2	MNK	comp=Z,56nm,1.3s			pmx	pmx		
SOC	Sochi	11.78	46	eP	Pn	16 51 18.5 +0.2	LES	Schwarzteal	16.18	320	iPn	16 52 16.2 +0.2	MNK	comp=E,20nm,1.3s			MLR	MLR		
SOC				pmx	pmx		KRLC	Kraljky	16.31	333	eP	16 52 17.2 -0.4	MNK	comp=E,69nm,20.0s			MLR	MLR		
SOC				pmx	pmx		KRLC	Kraljky	16.31	333	eP	16 52 17.2 -0.4	MNK	comp=Z,60nm,10.0s			MLR	MLR		
SOC				MLR	MLR		RJOB	Jochberg	16.32	321	eP	16 52 18.3 +0.6	MNK							
BURAR	Bucovina Array	11.84	351	iP	Pn	16 51 21.6 +2.2	SALO	Salr	16.37	311	iP	16 52 18.2 -0.2	MNK	comp=Z,140nm,16.0s						
BURAR	Bucovina Array	11.84	351	P	Pn	16 51 18.8 -0.6	MAK	Makhachkala	16.57	59	eP	16 52 21.6 -0.4	MNK	Bardonecchia	18.56	306	iP	P	16 52 44.5 +0.3	
BURAR	Bucovina Array	11.84	351	P	Pn	16 51 21.6 +2.2	MAK	Makhachkala	16.57	59	eP	16 52 21.6 -0.4	MNK	comp=N,140nm,16.0s			iP	P	16 52 44.5 +0.3	
BURAR	Bucovina Ar. S	11.87	351	P	Pn	16 51 19.9 +0.1	MAK				eS	16 55 26.8 +2.7	CLL	Colim	18.75	330	iP	P	16 52 46.0 0.0	
MGRS	Mikonjic Grad	11.89	303	ePn	Pn	16 51 20.1 +0.1	MAK				pmx		CLL	Colim	18.75	330	iP	P	16 52 46.0 0.0	
CLTB	Gaitabellotta	11.89	282	ePn	Pn	16 51 21.2 +0.3	MAK	comp=Z,551nm,1.0s			MLR	16 52 23.4 +0.6	CLL	comp=Z,196nm,1.3s			pmx	pmx		
KJV	Kijevo	12.00	316	iPn	Pn	16 51 21.8 +0.3	MAK	comp=Z,108nm,16.0s			MLR	16 52 23.4 +0.6	CLL	comp=Z,49nm,0.8s			iPmax		16 52 48.5	
BLY	Banja Luka	12.06	320	iPn	Pn	16 51 22.2 -0.1	GERE	GERESS Array S	16.63	325	eP	16 52 21.4 -0.3	CLL	comp=Z,196nm,1.3s			eP	pP	16 53 04.0 +2.3	
BLY	Banja Luka	12.06	320	iPn	Pn	16 51 22.2 -0.1	GERE	GERESS Array B	16.63	325	P	16 52 21.4 -0.3	CLL	comp=Z,196nm,1.3s			eS	pP	16 53 15.0 +3.2	
SORM	Soroca	12.17	1	iP	Pn	16 51 23.7 -0.1	GERE	comp=Z,64nm,1.0s,baz=137,slow=12,SNR=128			ScP	17 00 34.2 -0.2	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
SORM	Soroca	12.17	1	iP	Pn	16 51 23.7 -0.1	GERE	comp=Z,1.8nm,0.8s,baz=222,slow=1.6,SNR=6.3			ScP	17 00 34.2 -0.2	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
A050A	Klekovaca	12.23	318	iPn	Pn	16 51 24.3 -0.4	WTAT	Wattenberg	16.64	318	iP	16 52 22.5 -0.4	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
ZIRJ	Zirje	12.23	313	ePn	Pn	16 51 23.7 -0.9	DPC	Dobruska-Polom	16.70	333	eS	16 52 23.8 +0.3	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
MORI	Moric	12.32	314	ePn	Pn	16 51 26.1 +0.3	DPC	Dobruska-Polom	16.70	333	eS	16 52 23.8 +0.3	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
A051A	Mravokovica	12.38	320	iPn	Pn	16 51 26.4 -0.3	DPC	Dobruska-Polom	16.70	333	eS	16 52 23.8 +0.3	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
MRAK	Mravokovica	12.38	320	iPn	Pn	16 51 27.4 +0.6	DPC	Dobruska-Polom	16.70	333	eS	16 52 23.8 +0.3	CLL	comp=N,100nm,32.0s			eS	S	16 56 13.0 -1.8	
MORH	Miry, Hungar	12.45	327	iP	Pn	16 51 27.4 +0.4	DPC	Dobrus												











Table with columns: N23A, Red Feather La, 2.78 190, Pn, Pn, 19 01 15.7 +2.7, 19 01 59.9, 33nm, 0.3s, baz=227, slow=23, SNR=21, LR, LR, 19 20 53.4, comp=Z, 97nm, 20.7s, baz=205, slow=49

Table with columns: SIUJ, 33nm, 0.3s, baz=227, slow=23, SNR=21, LR, LR, 19 20 53.4, comp=Z, 97nm, 20.7s, baz=205, slow=49

Table with columns: TIA, comp=Z, 95nm, 3.7s, pmax, pmax, 19 30 09.4 +4.4, 19 34 51.8 +4.4

19 01 19.0 +1.4, 19 01 21.3 +2.3, 19 01 20.2 +1.4, 19 02 19.6, 19 02 25.1, 19 01 20.4 +1.3, 19 02 14.9, 19 01 21.2 +2.1, 19 01 21.4 +2.3, 19 01 22.9 -2.3, 19 02 07.8, 19 01 27.3 +2.8, 19 01 26.9 +2.1, 19 02 34.1, 19 02 36.4, 19 01 27.4 +2.3, 19 01 30.2 +2.6, 19 01 28.6 +0.6, 19 02 39.1, 19 01 30.1 +1.1, 19 01 29.4 -0.6, 19 01 32.1 +1.8, 19 01 32.0 +1.4, 19 02 45.8, 19 01 32.1 +1.2, 19 02 46.4, 19 02 53.1, 19 01 32.8 +1.0, 19 01 32.9 +1.1, 19 03 19.6, 19 01 34.9 +0.8, 19 02 51.2, 19 02 59.5, 19 01 36.2 +1.0, 19 03 08.4, 19 03 14.8, 19 01 36.0 +0.9, 19 01 36.7 +1.4, 19 02 58.9, 19 01 39.5 +0.9, 19 03 01.0, 19 03 08.7, 19 01 39.4 +0.3, 19 02 57.5, 19 03 02.0, 19 01 42.2 +0.2, 19 01 42.2 -0.1, 19 03 07.6, 19 03 14.1, 19 01 45.4 +1.4, 19 03 21.5, 19 01 44.7 +0.7, 19 01 45.0 0.0, 19 03 20.7, 19 03 22.9, 19 01 46.3 +0.5, 19 01 49.3 +0.8, 19 01 50.8 +1.1, 19 01 54.7 +1.2, 19 01 53.6 -0.8, 19 01 55.5 -0.3, 19 01 56.5 -0.4, 19 01 56.0 -1.3, 19 01 58.5 -1.5, 19 02 02.3 +0.9, 19 02 01.9 -0.6, 19 02 03.1 +0.2, 19 02 04.4 +0.4, 19 02 04.2 -0.3, 19 02 04.0 -1.0, 19 02 09.0 -0.1, 19 02 11.0 -0.3, 19 02 27.0 -0.7, 19 02 40.5 -1.0, 19 05 11.0, 19 05 50.9 -0.5, 19 06 09.6 -1.6, 19 06 00.6 +0.9, 19 06 02.0 +1.0, 19 06 27.6 -1.0, 19 06 10.4 +0.5, 19 06 16.4 +1.2, 19 06 21.1 +1.1, 19 06 30.2 +0.7, 19 14 27.1 -1.1, 19 14 55.1 0.0, 19 33 05.6 +1.4, 19 33 12.6, 19 34 41.3 -4.5, 19 33 07.1 +3.0, 19 20 02.1 +0.5

19 01 19.0 +1.4, 19 01 21.3 +2.3, 19 01 20.2 +1.4, 19 02 19.6, 19 02 25.1, 19 01 20.4 +1.3, 19 02 14.9, 19 01 21.2 +2.1, 19 01 21.4 +2.3, 19 01 22.9 -2.3, 19 02 07.8, 19 01 27.3 +2.8, 19 01 26.9 +2.1, 19 02 34.1, 19 02 36.4, 19 01 27.4 +2.3, 19 01 30.2 +2.6, 19 01 28.6 +0.6, 19 02 39.1, 19 01 30.1 +1.1, 19 01 29.4 -0.6, 19 01 32.1 +1.8, 19 01 32.0 +1.4, 19 02 45.8, 19 01 32.1 +1.2, 19 02 46.4, 19 02 53.1, 19 01 32.8 +1.0, 19 01 32.9 +1.1, 19 03 19.6, 19 01 34.9 +0.8, 19 02 51.2, 19 02 59.5, 19 01 36.2 +1.0, 19 03 08.4, 19 03 14.8, 19 01 36.0 +0.9, 19 01 36.7 +1.4, 19 02 58.9, 19 01 39.5 +0.9, 19 03 01.0, 19 03 08.7, 19 01 39.4 +0.3, 19 02 57.5, 19 03 02.0, 19 01 42.2 +0.2, 19 01 42.2 -0.1, 19 03 07.6, 19 03 14.1, 19 01 45.4 +1.4, 19 03 21.5, 19 01 44.7 +0.7, 19 01 45.0 0.0, 19 03 20.7, 19 03 22.9, 19 01 46.3 +0.5, 19 01 49.3 +0.8, 19 01 50.8 +1.1, 19 01 54.7 +1.2, 19 01 53.6 -0.8, 19 01 55.5 -0.3, 19 01 56.5 -0.4, 19 01 56.0 -1.3, 19 01 58.5 -1.5, 19 02 02.3 +0.9, 19 02 01.9 -0.6, 19 02 03.1 +0.2, 19 02 04.4 +0.4, 19 02 04.2 -0.3, 19 02 04.0 -1.0, 19 02 09.0 -0.1, 19 02 11.0 -0.3, 19 02 27.0 -0.7, 19 02 40.5 -1.0, 19 05 11.0, 19 05 50.9 -0.5, 19 06 09.6 -1.6, 19 06 00.6 +0.9, 19 06 02.0 +1.0, 19 06 27.6 -1.0, 19 06 10.4 +0.5, 19 06 16.4 +1.2, 19 06 21.1 +1.1, 19 06 30.2 +0.7, 19 14 27.1 -1.1, 19 14 55.1 0.0, 19 33 05.6 +1.4, 19 33 12.6, 19 34 41.3 -4.5, 19 33 07.1 +3.0, 19 20 02.1 +0.5

19 33 05.6 +1.4, 19 33 12.6, 19 34 41.3 -4.5, 19 33 07.1 +3.0, 19 20 02.1 +0.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, 19 01 15.7 +2.7, 19 01 59.9, 33nm, 0.3s, baz=227, slow=23, SNR=21, LR, LR, 19 20 53.4, comp=Z, 97nm, 20.7s, baz=205, slow=49

Table with columns: SIUJ, 33nm, 0.3s, baz=227, slow=23, SNR=21, LR, LR, 19 20 53.4, comp=Z, 97nm, 20.7s, baz=205, slow=49

Table with columns: TIA, comp=Z, 95nm, 3.7s, pmax, pmax, 19 30 09.4 +4.4, 19 34 51.8 +4.4

19 01 19.0 +1.4, 19 01 21.3 +2.3, 19 01 20.2 +1.4, 19 02 19.6, 19 02 25.1, 19 01 20.4 +1.3, 19 02 14.9, 19 01 21.2 +2.1, 19 01 21.4 +2.3, 19 01 22.9 -2.3, 19 02 07.8, 19 01 27.3 +2.8, 19 01 26.9 +2.1, 19 02 34.1, 19 02 36.4, 19 01 27.4 +2.3, 19 01 30.2 +2.6, 19 01 28.6 +0.6, 19 02 39.1, 19 01 30.1 +1.1, 19 01 29.4 -0.6, 19 01 32.1 +1.8, 19 01 32.0 +1.4, 19 02 45.8, 19 01 32.1 +1.2, 19 02 46.4, 19 02 53.1, 19 01 32.8 +1.0, 19 01 32.9 +1.1, 19 03 19.6, 19 01 34.9 +0.8, 19 02 51.2, 19 02 59.5, 19 01 36.2 +1.0, 19 03 08.4, 19 03 14.8, 19 01 36.0 +0.9, 19 01 36.7 +1.4, 19 02 58.9, 19 01 39.5 +0.9, 19 03 01.0, 19 03 08.7, 19 01 39.4 +0.3, 19 02 57.5, 19 03 02.0, 19 01 42.2 +0.2, 19 01 42.2 -0.1, 19 03 07.6, 19 03 14.1, 19 01 45.4 +1.4, 19 03 21.5, 19 01 44.7 +0.7, 19 01 45.0 0.0, 19 03 20.7, 19 03 22.9, 19 01 46.3 +0.5, 19 01 49.3 +0.8, 19 01 50.8 +1.1, 19 01 54.7 +1.2, 19 01 53.6 -0.8, 19 01 55.5 -0.3, 19 01 56.5 -0.4, 19 01 56.0 -1.3, 19 01 58.5 -1.5, 19 02 02.3 +0.9, 19 02 01.9 -0.6, 19 02 03.1 +0.2, 19 02 04.4 +0.4, 19 02 04.2 -0.3, 19 02 04.0 -1.0, 19 02 09.0 -0.1, 19 02 11.0 -0.3, 19 02 27.0 -0.7, 19 02 40.5 -1.0, 19 05 11.0, 19 05 50.9 -0.5, 19 06 09.6 -1.6, 19 06 00.6 +0.9, 19 06 02.0 +1.0, 19 06 27.6 -1.0, 19 06 10.4 +0.5, 19 06 16.4 +1.2, 19 06 21.1 +1.1, 19 06 30.2 +0.7, 19 14 27.1 -1.1, 19 14 55.1 0.0, 19 33 05.6 +1.4, 19 33 12.6, 19 34 41.3 -4.5, 19 33 07.1 +3.0, 19 20 02.1 +0.5

19 01 19.0 +1.4, 19 01 21.3 +2.3, 19 01 20.2 +1.4, 19 02 19.6, 19 02 25.1, 19 01 20.4 +1.3, 19 02 14.9, 19 01 21.2 +2.1, 19 01 21.4 +2.3, 19 01 22.9 -2.3, 19 02 07.8, 19 01 27.3 +2.8, 19 01 26.9 +2.1, 19 02 34.1, 19 02 36.4, 19 01 27.4 +2.3, 19 01 30.2 +2.6, 19 01 28.6 +0.6, 19 02 39.1, 19 01 30.1 +1.1, 19 01 29.4 -0.6, 19 01 32.1 +1.8, 19 01 32.0 +1.4, 19 02 45.8, 19 01 32.1 +1.2, 19 02 46.4, 19 02 53.1, 19 01 32.8 +1.0, 19 01 32.9 +1.1, 19 03 19.6, 19 01 34.9 +0.8, 19 02 51.2, 19 02 59.5, 19 01 36.2 +1.0, 19 03 08.4, 19 03 14.8, 19 01 36.0 +0.9, 19 01 36.7 +1.4, 19 02 58.9, 19 01 39.5 +0.9, 19 03 01.0, 19 03 08.7, 19 01 39.4 +0.3, 19 02 57.5, 19 03 02.0, 19 01 42.2 +0.2, 19 01 42.2 -0.1, 19 03 07.6, 19 03 14.1, 19 01 45.4 +1.4, 19 03 21.5, 19 01 44.7 +0.7, 19 01 45.0 0.0, 19 03 20.7, 19 03 22.9, 19 01 46.3 +0.5, 19 01 49.3 +0.8, 19 01 50.8 +1.1, 19 01 54.7 +1.2, 19 01 53.6 -0.8, 19 01 55.5 -0.3, 19 01 56.5 -0.4, 19 01 56.0 -1.3, 19 01 58.5 -1.5, 19 02 02.3 +0.9, 19 02 01.9 -0.6, 19 02 03.1 +0.2, 19 02 04.4 +0.4, 19 02 04.2 -0.3, 19 02 04.0 -1.0, 19 02 09.0 -0.1, 19 02 11.0 -0.3, 19 02 27.0 -0.7, 19 02 40.5 -1.0, 19 05 11.0, 19 05 50.9 -0.5, 19 06 09.6 -1.6, 19 06 00.6 +0.9, 19 06 02.0 +1.0, 19 06 27.6 -1.0, 19 06 10.4 +0.5, 19 06 16.4 +1.2, 19 06 21.1 +1.1, 19 06 30.2 +0.7, 19 14 27.1 -1.1, 19 14 55.1 0.0, 19 33 05.6 +1.4, 19 33 12.6, 19 34 41.3 -4.5, 19 33 07.1 +3.0, 19 20 02.1 +0.5

19 33 05.6 +1.4, 19 33 12.6, 19 34 41.3 -4.5, 19 33 07.1 +3.0, 19 20 02.1 +0.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, 19 01 15.7 +2.7, 19 01 59.9, 33nm, 0.3s, baz=227, slow=23, SNR=21, LR, LR, 19 20 53.4, comp=Z, 97nm, 20.7s, baz=205, slow=49

Table with columns: SIUJ, 33nm, 0.3s, baz=227, slow=23, SNR=21, LR, LR, 19 20 53.4, comp=Z, 97nm, 20.7s, baz=205, slow=49

Table with columns: TIA, comp=Z, 95nm, 3.7s, pmax, pmax, 19 30 09.4 +4.4, 19 34 51.8 +4.4





Table with columns: NOA, comp, LR, LR, 20 09 39.6, and various station names like NC204, NB000, IMAR, etc.

Table with columns: N31M, Braeburn, Yuko, BNI, Bardonecchia, and various station names like BORG, MMPY, SFDJ, etc.

Table with columns: PB08, Diego Aracena, and various station names like TA01, TA02, TA03, etc.











1d 21h

Table with columns: TNS, call sign, frequency, power, and other technical details. Includes stations like WETZ, GEC2, GERES, BTNL, MEM, AMTX, BSTI, BHOH, BCL, RONA, MSTX, BGES, SURR, BMRD, RCHB, MOA, BZS, DOU, WLF, COPA, ARSA, MNXT, MORH, STU, HERR, FUR, RJOB, DKNS, SFIN, LESA, WMOK, SOKA, KBA, BFO, BFO, BFO, FRGS, POST, BMNY, TUL3, BR131, BR131, BR131, WATA, UBR, UBR, CBK, RETA, WTTA, LONY, MOTA, PECS, MYKA, ECH, ECH, ECH, ANTO, ANTO, ANTO.

2017 SEP

Table with columns: call sign, frequency, power, and other technical details. Includes stations like SQT, BR231, BKNI, ABTA, PRED, DAVA, O48B, FETA, ERPA, BOVS, DIVS, GAZ, SGCY, T42A, PKME, M53A, J58A, ABTX, ABTX, P48A, ALPN, S44A, LBNH, P49A, P49A, ACSO, FW03, M55A, M55A, M55A, RDO, WCI, WCI, BINY, BINY, OS3B, TX32, TXAR, TXAR, MIAR, P52A, SAND, SAND, L59A, L59A, L59A, BALB, BALB, Q51A, Q51A, FW13, FW13, BRDY, PDG, R50A, R50A, R50A, R50A, WHXY, WHXY, WHXY, T47A, T47A, SSPA, SSPA, SSPA, JCT, JCT, JCT, MCWV, WVT, WVT, WVT, WVT, WVT, DRIO, CCAR, T50A, T50A, T50A, U49A.

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Table with columns: call sign, frequency, power, and other technical details. Includes stations like U49A, SSB, SSB, SSB, MURB, PAL, FDMO, FDMO, KBN, KBN, CLTN, V48A, NRCA, OXF, PLAL, PLAL, NATX, NATX, S54A, CAMP, AQU, AQU, AQU, PALK, CSS, TZTN, TZTN, INTR, INTR, HNVL, HNVL, SWET, V51A, V51A, KEK, KEK, W50A, W50A, BLA, BLA, S57A, S57A, CPCT, V52A, V52A, U54A, U54A, CBN, CBN, TKL, FPAL, V53A, V53A, W52A, W52A, 441A, Z47A, Z47A, X51A, X51A, Y49A, Y49A, Y49A, 146A, U56A, CUC, V55A, V55A, BG3, LRAL, LRAL, LRAL, HBVL, HBVL, TIP, KMSC, KMSC, KMSC, U59A, GHAJ, W57A, W57A, IDI, GOGA, BRAL, NHSC, WBO, WBO, TIGA, TIGA, WR0, WR0, WRAB, WRAB.













2d 3h

2017 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MATP Matopo, LSZ Lusaka, BELG Belogomoye, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MNK Mnk, VTS Vitosh, NACM Naroch, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like E21K Killik River, H20K Anotleneega Mo, IMAR Indian Mountai, etc.

ISCO	Idaho Springs	136.58	35	PKPdf	PKPdf	03 51 33.6	-1.5
ISCO	Idaho Springs	136.58	35	PKIKP	PKIKP	03 51 33.6	-1.5
ISCO	Idaho Springs	136.58	35	P	PKIKP	03 51 36.8	-0.1
W18A	Petrified Fore	136.91	43	P	PKIKP	03 51 37.7	+0.1
S22A	4UR Ranch, Cre	137.21	38	P	PKIKP	03 51 38.4	+0.2
Q24A	Divide	137.41	35	P	PKIKP	03 51 38.7	0.0
SDCO	Great Sand Dun	138.01	37	P	PKPdf	03 51 38.6	+0.8
SDCO	Great Sand Dun	138.01	37	P	PKIKP	03 51 39.1	-0.7
G40A	Rib Lake	138.72	16	P	PKPdf	03 51 38.3	-0.2
E46A	Sault Ste Mari	139.00	10	P	PKIKP	03 51 41.3	+0.1
T25A	Trinidad	139.06	37	P	PKPdf	03 51 40.5	+0.8
ANMO	Albuquerque	139.19	41	P	PKIKP	03 51 41.5	-0.7
F62A	Pittston Farm,	140.00	354	P	PKIKP	03 51 42.9	-0.3
F62A	baz=7.6			P	PKIKP	03 51 42.9	-0.3
VA03	San Esteban	141.22	186	PKPdf	PKPdf	03 51 43.4	-0.2
MINX	Cornhus Mount	141.85	44	P	PKPdf	03 51 40.6	-4.0
MXST	Muleshoe	142.16	39	P	PKPdf	03 51 42.5	-2.8
425A	Indio Mountain	142.66	45	PKPdf	PKPdf	03 51 43.2	-3.1
L40A	Grant County #	142.91	31	PKPdf	PKPdf	03 51 43.7	-2.7
G62A	N Adams	143.25	12	P	PKPbc	03 51 43.9	-0.1
L48A	baz=344			P	PKPbc	03 51 43.9	-0.1
P40L	Paris	143.28	22	P	PKPbc	03 51 43.6	-0.5
H10L	Hopedale	143.31	18	P	PKPbc	03 51 43.7	-0.4
HDIL	Hopedale	143.31	18	P	PKPab	03 51 43.4	+0.5
T35A	Sooner Cattle	143.53	29	PKPdf	PKPbc	03 51 44.6	-0.3
T35B	Sooner Cattle	143.53	29	P	PKPab	03 51 44.1	+0.1
CPUP	Villa Florida	143.53	207	PKP	PKPdf	03 51 46.5	-1.2
CPUP	Villa Florida	143.53	207	PKP	PKPdf	03 51 46.7	-1.0
ERPA	Erie	143.76	6	P	PKPbc	03 51 45.4	0.0
ALPN	Alpine	143.84	44	PKPdf	PKPbc	03 51 46.9	+0.7
TRCB	Terra Rica	143.92	217	PKPdf	PKPbc	03 51 46.8	+0.3
BINY	Binghamton	143.93	1	P	PKPbc	03 51 45.8	-0.2
L56A	Greenwood	143.94	3	P	PKPab	03 51 45.2	-0.2
L56A	baz=356			P	PKPab	03 51 45.2	-0.2
N47A	Urbana	143.99	14	P	PKPab	03 51 45.5	0.0
N47A	baz=342			P	PKPab	03 51 45.5	0.0
OK03	Mehan	144.00	31	P	PKPbc	03 51 46.9	+0.5
WMOK	Wichita Mounta	144.00	34	P	PKPbc	03 51 46.2	-0.2
WMOK	Wichita Mounta	144.00	34	P	PKPbc	03 51 46.4	0.0
ALLY	Alegheny Colle	144.21	6	PKPbc	PKPbc	03 51 46.6	-0.2
R40A	Maddies Statio	144.23	23	P	PKPab	03 51 46.5	-0.2
S39A	Bolivar	144.35	25	P	PKPab	03 51 46.5	-0.6
M53A	WI Miller and	144.35	7	P	PKPab	03 51 46.4	-0.5
TX31	Lajitas Ar. Si	144.42	46	PKPdf	PKPdf	03 51 48.8	-0.5
TX31	Lajitas Ar. Si	144.42	46	P	PKPdf	03 51 49.1	-0.3
TXAR	Lajitas Array	144.43	46	PKP	PKPdf	03 51 48.7	-0.7
TXAR	comp=2.15nm,0.8, baz=134,slow=2.2,SNR=20			PKPbc	PKPbc	03 55 20.5	-0.2
M55A	Ridgway	144.52	5	P	PKPab	03 51 47.2	-0.3
M55A	baz=354,SNR=11			P	PKPab	03 51 47.2	-0.3
SGCY	Sterling City	144.56	40	P	PKPbc	03 51 48.5	+0.3
KSPA	Keystone Colle	144.58	1	P	PKPab	03 51 47.7	0.0
N51A	Ashland	144.62	10	P	PKPab	03 51 47.4	-0.5
N51A	baz=347,SNR=9.3			P	PKPab	03 51 47.4	-0.5
TUL3	Leonard	144.68	30	P	PKPab	03 51 48.2	-0.1
TUL3	Leonard	144.68	30	P	PKPbc	03 51 48.4	-0.1
O48B	Farmland	144.71	13	P	PKPab	03 51 47.7	-0.6
O48B	Farmland	144.71	13	P	PKPab	03 51 47.8	-0.4
SLM	Saint Louis	144.73	21	P	PKPab	03 51 47.7	-0.6
57A	Sunshine Farm,	144.76	3	P	PKPab	03 51 48.4	0.0
M57A	baz=356,SNR=12			P	PKPab	03 51 48.4	0.0
PSDB	Penn State Uni	144.86	5	P	PKPab	03 51 48.6	-0.3
CCM	Cathedral Cave	144.87	22	P	PKPab	03 51 48.4	-0.5
CCM	Cathedral Cave	144.87	22	PKIKP	PKPab	03 51 48.4	-0.5
CCM	Cathedral Cave	144.87	22	P	PKPab	03 51 48.5	-0.5
CCM	Cathedral Cave	144.87	22	P	PKPab	03 51 48.2	-0.7
Q44A	Meyer Farm, Va	144.90	19	P	PKPab	03 51 48.7	-0.3
U38A	Gravette	144.92	28	P	PKPab	03 51 48.9	-0.3
LCO	Las Campanas	144.94	187	PKPdf	PKPdf	03 51 50.9	+0.4
LCO	Las Campanas	144.94	187	PKPdf	PKPdf	03 51 50.9	+0.4
N53A	Lisbon	144.96	8	P	PKPab	03 51 48.8	-0.3
N53A	baz=350,SNR=22			P	PKPab	03 51 48.8	-0.3
O49A	Covington	144.96	12	P	PKPab	03 51 48.6	-0.6
O49A	baz=344,SNR=17			P	PKPab	03 51 48.6	-0.6
ABTX	Ablene, Hawle	145.00	38	PKPbc	PKPbc	03 51 49.1	-0.5
ABTX	Ablene, Hawle	145.00	38	P	PKPbc	03 51 50.2	0.0
ABTX	Ablene, Hawle	145.00	38	P	PKPdf	03 51 50.1	0.0
ODNJ	Ogdensburg	145.05	359	PKPbc	PKPbc	03 51 49.0	-0.4
ODNJ	Ogdensburg	145.05	359	P	PKPbc	03 51 48.6	-0.9
PAL	Palisades	145.12	358	P	PKPbc	03 51 49.1	-0.6
PAL	Palisades	145.12	358	P	PKPbc	03 51 48.8	-0.8
ACSO	Alum Creek Sta	145.18	11	P	PKPbc	03 51 49.5	-0.4
ACSO	Alum Creek Sta	145.18	11	P	PKPbc	03 51 48.9	-1.0
FVM	French Village	145.24	21	P	PKPbc	03 51 49.1	-1.0
FOR	Fordham	145.26	358	P	PKPbc	03 51 49.8	-0.3
LILR	Olney	145.38	7	P	PKPbc	03 51 50.2	-0.3
UPAO	U. Pittsburgh	145.48	7	P	PKPbc	03 51 50.5	0.0
P48A	Milroy	145.40	14	P	PKPdf	03 51 50.1	-0.5
P48A	baz=342,SNR=28			P	PKPdf	03 51 50.1	-0.5
SSPA	Standing Stone	145.41	4	P	PKPdf	03 51 49.9	-0.7
SSPA	Standing Stone	145.41	4	P	PKPdf	03 51 50.2	-0.3
SSPA	Standing Stone	145.41	4	P	PKPdf	03 51 50.4	-0.2
O53A	New Philadelphia	145.45	8	P	PKPdf	03 51 50.4	-0.3
BRNJ	Basking Ridge	145.45	359	P	PKPbc	03 51 50.8	+0.1
O52A	Adamsville	145.49	9	P	PKPdf	03 51 50.5	-0.3

O52A	baz=348,SNR=40			P	PKPdf	03 51 50.5	-0.3
P49A	Miami Univ. Ec	145.50	13	P	PKPdf	03 51 50.3	-0.4
P49A	Miami Univ. Ec	145.50	13	P	PKPdf	03 51 50.6	-0.2
BDFB	Brasilia	145.62	231	PKPbc	PKPdf	03 51 51.6	-0.1
BDFB	Brasilia	145.62	231	PKPbc	PKPab	03 51 53.4	+1.0
O54A	comp=2.29nm,0.6, baz=111,slow=3.3,SNR=52			P	PKPbc	03 51 51.2	-0.1
O54A	baz=351,SNR=28	145.63	7	P	PKPbc	03 51 51.2	-0.1
O54A	Yerville	145.68	26	P	PKPbc	03 51 51.2	-0.1
U40A	Yerville	145.68	26	P	PKPdf	03 51 51.3	+0.2
U40A	baz=327,SNR=140			P	PKPdf	03 51 51.3	+0.2
PANJ	Princeton	145.76	359	P	PKPbc	03 51 51.5	-0.2
Z35A	Perchaven, San	145.89	34	P	PKPbc	03 51 52.2	-0.1
P51A	Williamsport	145.89	11	P	PKPdf	03 51 51.2	-0.3
P51A	Avella	145.91	27	P	PKPdf	03 51 51.2	-0.3
P52A	Corning	145.91	10	P	PKPdf	03 51 51.5	+0.1
S44A	Grandale	145.91	20	P	PKPdf	03 51 51.9	+0.4
X37A	Clayton	145.93	31	P	PKPbc	03 51 52.0	-0.4
P53A	Whippsville	146.17	9	P	PKPbc	03 51 52.6	-0.3
P53A	baz=349,SNR=18			P	PKPbc	03 51 52.6	-0.3
MCWV	Mont Chateau	146.21	7	P	PKPbc	03 51 53.0	-0.1
MCWV	Mont Chateau	146.21	7	P	PKPbc	03 51 53.0	-0.1
PSUB	Penn St. - Bra	146.21	0	P	PKPbc	03 51 52.6	-0.4
O51A	Hopedale	146.28	12	P	PKPbc	03 51 52.9	-0.4
O51A	baz=345,SNR=22			P	PKPbc	03 51 52.9	-0.4
G003	Copala	146.28	188	PKPbc	PKPbc	03 51 55.2	+0.6
PBMO	Poplar Bluff	146.30	22	PKPbc	PKPdf	03 51 52.0	-0.3
GEDF	Greenville	146.32	1	P	PKPdf	03 51 52.1	0.0
WCI	Wyandotte Cave	146.34	16	P	PKPbc	03 51 53.0	-0.5
WCI	Wyandotte Cave	146.34	16	PKP2	PKPbc	03 51 53.0	-0.5
WCI	Wyandotte Cave	146.34	16	P	PKPbc	03 51 53.2	-0.3
WCI	Wyandotte Cave	146.34	16	P	PKPdf	03 51 52.4	+0.2
JCT	Junction City	146.35	41	P	PKPdf	03 51 53.2	+0.6
JCT	Junction City	146.35	41	P	PKPbc	03 51 53.5	-0.3
Q52A	Bidwell	146.50	10	P	PKPbc	03 51 53.5	-0.6
Q52A	baz=347,SNR=14			P	PKPbc	03 51 53.5	-0.6
P57A	Homestead Farm	146.55	4	P	PKPbc	03 51 53.5	-0.6
P57A	baz=355,SNR=14			P	PKPbc	03 51 53.5	-0.6
R49A	Shelbyville	146.57	14	P	PKPbc	03 51 53.5	-0.7
R49A	baz=342,SNR=28			P	PKPbc	03 51 53.5	-0.7
T45A	Paduach	146.73	20	PKPbc	PKPbc	03 51 53.9	-0.8
T45B	Paduach	146.73	20	P	PKPbc	03 51 54.1	-0.5
Q54A	Coxs Mills	146.75	8	P	PKPbc	03 51 54.4	-0.3
Q54A	baz=350,SNR=30			P	PKPbc	03 51 54.4	-0.3
Q54A	baz=350,SNR=30			P	PKPbc	03 51 55.4	+0.5
WHX	Lake Whitney,	146.75	36	P	PKPbc	03 51 53.9	+0.9
R50A	Paris	146.78	13	P	PKPdf	03 51 53.9	+0.9
R50A	baz=343,SNR=22			P	PKPdf	03 51 53.9	+0.9
MIAR	Mount Ida	146.85	29	P	PKPbc	03 51 55.3	+0.2
MIAR	Mount Ida	146.85	29	P	PKPbc	03 51 54.3	-0.8
Q56A	Snyder Ridge,	146.89	6	P	PKPdf	03 51 53.9	+0.8
Q56A	baz=352,SNR=14			P	PKPdf	03 51 53.9	+0.8
HICK	Hickman	146.96	21	PKPdf	PKPdf	03 51 54.3	+1.0
Z38A	Mt. Pleasant	147.17	32	P	PKPab	03 51 57.3	-0.5
R53A	Hurricane	147.21	10	P	PKPbc	03 51 55.9	-0.1
R53A	baz=347,SNR=35			P	PKPbc	03 51 55.9	-0.1
LNXT	Lenox	147.25	22	P	PKPdf	03 51 53.3	-0.5
T47A	Sharon Grove	147.26	18	P	PKPbc	03 51 55.8	-0.4
HBAR	Harrisburg	147.28	24	PKPbc	PKPbc	03 51 55.9	-0.4
435B	Jarrell	147.54	38	P	PKPbc	03 51 57.6	+0.4
S51A	Beattyville	147.56	13	P	PKPbc	03 51 55.9	-1.1
S51A	baz=344,SNR=21			P	PKPbc	03 51 55.9	-1.1
237A	Washetta, Mont	147.69	34	P	PKIKP	03 51 58.5	-1.0
WVT	Waverly	147.81	20	P	PKPdf	03 51 55.6	+0.9
WVT	Waverly	147.81	20	PKP2	PKPdf	03 51 55.6	+0.9
WVT	Waverly	147.81	20	P	PKPbc	03 51 57.8	0.0
WVT	Waverly	147.81	20	P	PKPbc	03 51 57.7	0.0
T50A	Nancy	147.86	15	P	PKPdf	03 51 54.9	+0.1
T50A	baz=342			P	PKPdf	03 51 54.9	+0.1
CBN	Carbin Frederi	147.87	3	P	PKPbc	03 51 57.4	-0.4
833A	Chaparral WMA,	148.02	43	P	PKIKP	03 51 59.6	-0.7
833A	Chap						











Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like Kafar-mosalman, Komasi, Cheshme Sefid, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like RRRZ, RIGZ, MUGZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like ZKTA, ORDubad, GDB, etc.

TRN 02:07:24.315, 13:29N-61:04W, h136km, MD3.9, 1D, Windward Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like SSV, SSV, SSV, etc.

ASAR Alice Springs 41.12 270 P 08 03 27.2 -0.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like WRA, Vnda, TROLL, etc.

BELO Belomorsk 14.03 342 Sn 08 08 44.3 -7.2

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like BRTR, ARU, BVAR, etc.

NOU 02:07:56:14.2, 31:35S-179:42W, h499km, mb4.3/11, Kermadec Islands Region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like GLKZ, MXZ, MXZ, etc.

ISIC 02:08:02:55.0, 0.9, 39:18N-54:66E, h0km, mb3.7/10, mbmp3.7/15, ML3.3/5, MS2.5/2, Error ellipse: s-maj=16.4km s-min=9.8km az=20.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like MRVT, IRND, IGLO, etc.

DGZ 02:08:12:14.5, 43:35N-80:57E, h15km, mb3.5, mnp3.5, Error ellipse: s-maj=7.0km s-min=4.3km az=138.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like VSU, FINES, FINES, etc.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like RUSC La Rusia, SDV Santo Domingo, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like WHAR Woolly Hollow, ETMB Extrema, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MPU Maple Canyon, GSC Goldstone, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAR Rarotonga, SPITS Spitsbergen, TORO Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APAO Apatity Array, LVZ Lovozero, TERR Teriberka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUTZ Kaahu Road, WATZ Wairara, WHTZ Whakaora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ Waipomatiti S, MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

ICC 02 11:09:19.0:2.1, 1.41N, 126.31E, h0km, mb3.4/3, mblmp3.4/3, Error ellipse: s-maj=166.1km s-min=27.0km az=65.0, Northern Molucca Sea

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

HEL 02 11:34:04.5:0.3, 67.57N, 30.46E, h0km, ML1.5, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VRF Varrjo, OLKF Oulanka, OLKF Sodankyl, etc.

KOLA 02 11:34:42.1, 67.52N, 30.53E, h0km, ML1.8, Error ellipse: s-maj=8.5km s-min=3.5km az=20.0, Kovdo, City, Mines, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station APAO Apatity Array.

ICC 02 11:49:16.2:1.0, 6.38E, 67Sx176.18E, h191km, 6km, mb3.8/5, mblmp4.3/7, Error ellipse: s-maj=24.3km s-min=19.2km az=160.0

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

ICC 02 11:49:17.5:0.6, 38.59S, 0.05x175.80E, h195km, 4km, n240, r1818/254, mb4.0/13, 3C, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUTZ Kaahu Road, WATZ Wairara, WHTZ Whakaora, etc.

ICC 02 11:49:19.0:2.1, 1.41N, 126.31E, h0km, mb3.4/3, mblmp3.4/3, Error ellipse: s-maj=166.1km s-min=27.0km az=65.0, Northern Molucca Sea

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



TORD Torodi Ar. Bea 154.13 193 PKPbc PKIKP 12 08 54.3 -0.2
comp=Z:0.2nm,0.4s,baz=170,slow=3.5,SNR=4.2
TORD comp=Z:0.6nm,0.7s,baz=154,slow=2.2,SNR=3.4

SJA 02 12:24:53.9-0.9,24:21S:67.06W,h197km,5km,ML3.7,
MW3.6
IDC 02 12:24:53.7-1.2,24:25S:66.88W,h167km,13km,mb3.0/4,
mbmp3.7/10,Error ellipse: s-maj=20.9km s-min=12.0km
az=82.0
NEIC 02 12:24:55.6-1.5,24:19S:0.08-67.1W:0.1,h200km,9km,
m4.0/3,ML4.0(GUC),Error ellipse: s-maj=16.4km
s-min=11.6km az=99.0
GUC 02 12:24:56.2-0.7,24:12S:67.56W,h225km,11km,ML4.0
ISC 02 12:24:54.9-0.7,24:20S:0.04-67.07W:0.04,h186km,7km,
n6,=1912/91,mb3.5/6,3C-1D,Chile-Argentina border
region

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

mbmp4.0/5, Error ellipse: s-maj=43.9km s-min=22.3km
az=44.0
WEL 02 12:27:52.7-2.6,32.5S:15.15W:18.0W:2.2,h33km,M5.0/6,
mB4.9/2,ML5.1/8,MLV5.0/6,Mw(MB)4.2/2, Error ellipse:
s-maj=0.0km s-min=0.0km az=67.1, confirmed
ISC 02 12:27:52.5-1.3,32.24S:0.10:180.0E:0.1,h363km,n50,
=165/55,mb3.5/5,3C, South of Kermadec Islands

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

SJA 02 12:35:06.9-0.6,20:23S:70.93W,h29km,1km,ML3.8,
MW4.0
GUC 02 12:35:09.2-0.7,20:23S:70.86W,h39km,2km,ML3.8
IDC 02 12:35:23.4-4.0,20:04S:69.96W,h110km,26km,mb3.7/1,
mbmp3.7/4,MS2.7/4,Error ellipse: s-maj=73.0km
s-min=31.2km az=102.0
ISC 02 12:35:07.9-1.4,20:24S:0.03:70.98W:0.07,h20km,11km,
n36,=1945/54,7C-1D,Near coast of northern Chile

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

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

TORD Torodi Ar. Bea 78.77 71 P 12 47 09.2 -0.6
comp=Z:0.8nm,0.5s,baz=245,slow=4.4,SNR=7.5
MKAR Makanchi Array 146.70 33 PKPbc PKPab 12 54 46.6 +1.0
comp=Z:0.8nm,0.8s,baz=325,slow=3.9,SNR=6.6

IDC 02 12:36:15.6-1.2,01:64S:91.91W,h0km,mb4.1/10,
mbmp4.2/12,ML3.4/1,MS3.3/8, Error ellipse:
s-maj=43.3km s-min=16.2km az=47.0
NEIC 02 12:36:16.7-1.3,01:64S:91.91W:0.07,h10km,1km,
m4.7/89, Error ellipse: s-maj=18.6km s-min=11.7km
az=188.0
ISC 02 12:36:17.2-0.7,01:69S:0.09-91.61W:0.07,h10km,n168,
=1905/157,mb4.6/53,MS3.4/7, Galapagos Islands

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

2d 13h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like APMT Aspermont, POST Post, MIAR Mount Ida, etc.

2017 SEP

Main table of station data for September 2017. Columns include Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NV11 Mina Array Site, NVAR Mina Array Site, etc.

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Table of station data for Novy Kostel and other stations. Columns include Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Novy Kostel, Ojcow, Kasperske Hory, etc.

IDC 02 13:00:58.1+1.0,2.81N-95.80E,h0km,mb4.0/10, mbtmp3.0/11,ML4.1/1,MS2.9/1,Error ellipse: s-maj=31.4km s-min=18.6km az=62.0...

Sumatara

Table of station data for Sumatara region. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SNSI Sinabang, Aceh, MSLI Meulaboh, Aceh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLR, STKA, MKAR, MKAR, AAK, KURBB, FINES.

TAP 02 13:19:45.6, 24.69N, 122.59E, h120km, 1km, ML2.5, D
JMA 02 13:19:45.6, 0.25 N, 3.122 W, 0.8, h112km, 2km,
MV2.1/10, NW OFF ISHIGAKIJIMA IS
ISC 02 13:19:44.9, 1.7, 24.68N, 0.07, 122.66E, 0.03,
h120km, 1.1km, n43, c07675, Taiwan region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including EOSE, GUMO, FAKI, WRA, etc.

JMJ2 Miyako jima3 2.43 88 P Pn 13 20 24.8 +1.0
IDC 02 13:41:52.0, 0.7, 1.58S, 148.20E, h0km, mb3.9/13,
mbmp4, 0/17, ML1.1/1, MS3.5/31, Error ellipse:
s-maj=20.9km s-min=14.6km az=91.0
NEIC 02 13:41:53.4, 1.9, 1.70S, 0.10, 148.25E, 0.06, h10km, 1km,
mb4.5/24, Error ellipse: s-maj=16.3km s-min=10.7km
az=17.0

Main table of station data for the second section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MANU, KRVT, RABL, JAY, etc.

SONM comp=Z, 2.8nm, 18.8s, baz=122, slow=36 LR LR 14 18 47.2
PPT comp=Z, 0.4nm, 0.3s 63.06 109 LR LR 14 15 44.4
YAK comp=Z, 2.5nm, 19.1s, baz=306, slow=32 YAK 14 21 34.8

Main table of station data for the third section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WMQ, TIXI, MKAR, ZALV, etc.

NOU 02 14:05:04.2, 21.41S, 178.10W, h632km, mb4.4/23, Fiji

Islands Region
NEIC 02:14:05:07.3.2.0.21.78S:01:08:178.9W:0.1, h586km, 9km, mb4.4/6, Error ellipse: s-maj=19.2km s-min=9.3km az=117.0

IDC 02:14:05:10.9.1.3.21.72S:179.21W, h606km, 13km, mb3.1/11, mbtmp4.1/13, Error ellipse: s-maj=20.4km s-min=14.4km az=125.0

ISC 02:14:05:09.1.0.4.21.82S:006.179.03W:0.07, h600km, n188, s1973/143, mb4.3/37, 3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations including NSVAF, GLKZ, AFI, MARNC, OUZ, GRZ, WAZ, ETAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations including PSA00, Vnda, MBWA, MORV, CASY, TOLIZ, QSPA, MJAR, MAJO, MJB9, NACB, TPUB, SSSL, PEAOB, PETK, BELA, MAW, NVAR, RAGM, SNA4, VNA3, VNA2, VNA1, TRF, TXAR, CMAR, ILAR, WTLY, KAN16, AKASO, BRTR, CLL, GERES, TORD, TORD, TRN, FUNV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations including SNSI, KCSI, GSI, PBSI, CMAR, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, WRA, MKAR, ASAR, ZALV, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, etc.

baz=228				
HEN		S	Sn	15 04 44.1 +0.1
baz=228				
YULI	0.83 354	eP	Pn	15 04 33.0 -0.4
baz=346				
SLGT	0.85 304	i/P	Pn	15 04 33.8 +0.1
baz=303				
YULB	0.87 353	P	Pn	15 04 33.0 -1.1
YULB	0.87 353	i/P	Pn	15 04 32.6 -1.4
baz=346				
STYH	0.88 318	i/P	Pn	15 04 33.7 -0.3
baz=320				
STYH		S	Sn	15 04 43.9 -1.7
baz=320				
SGLT	0.88 284	i/P	Pn	15 04 35.0 +0.9
baz=282				
SGLT		eS	Sb	15 04 48.1 +1.9
baz=292				
SGST	0.95 306	i/P	Pn	15 04 34.8 -0.3
baz=311				
SGST		eS	Sn	15 04 47.5 -0.1
baz=311				
TWM1	0.97 288	i/P	Pn	15 04 37.0 +1.7
Shoushan				
baz=287				
HGSD	0.97 0	P	Pn	15 04 35.2 -0.1
Ruisui				
baz=8.0				
HGSD		eS	Sn	15 04 48.1 +0.1
baz=8.0				
EHY	0.98 355	i/P	Pn	15 04 34.3 -1.3
Hungye				
baz=357				
KAU	1.03 273	eP	Pb	15 04 37.9 +0.7
Kaohsiung				
baz=271				
WTP	1.03 314	i/P	Pn	15 04 36.9 +0.6
Ta-pu				
baz=314				
WTP		S	Sn	15 04 50.6 +0.9
baz=314				
CHN1	1.05 309	i/P	Pn	15 04 37.7 +1.2
Nanshi				
baz=308				
CHN1		S	Sn	15 04 51.3 +1.2
baz=308				
TPUB	1.06 317	P	Pn	15 04 37.6 +1.0
Ta-pu				
TPUB	1.06 317	i/P	Pn	15 04 37.3 +0.7
Ta-pu				
TPUB		S	Sn	15 04 50.0 -0.4
baz=316				
WSSB	1.07 277	P	Pn	15 04 38.5 +1.7
Gushan				
baz=276				
SNST	1.10 310	i/P	Pn	15 04 38.3 +1.2
Tainan City				
baz=308				
SNST		eS	Sb	15 04 53.8 +1.4
baz=308				
SHHT	1.10 297	P	Pb	15 04 39.5 +0.9
Tainan City				
baz=296				
SHHT		eS	Sb	15 04 54.7 +2.1
baz=296				
CHN3	1.12 300	eP	Pb	15 04 39.9 +1.2
Shinhua				
baz=298				
CHN3		eS	Sb	15 04 54.8 +1.8
baz=298				
CHN4	1.12 318	i/P	Pn	15 04 38.4 +0.9
Tsushan				
baz=316				
CHN4		eS	Sn	15 04 52.9 +1.1
baz=316				
TWK	1.13 311	eP	Pn	15 04 38.7 +1.1
Hsiinying				
baz=310				
TWK		eS	Sn	15 04 54.0 +1.8
baz=310				
ALS	1.13 330	i/P	Pn	15 04 38.1 +0.2
Alishan				
baz=336				
ALS		eS	Sn	15 04 51.8 -0.7
baz=336				
EGFH	1.14 1	eP	Pn	15 04 37.2 -0.6
Guangfu				
baz=352				
WCKO	1.18 321	i/P	Pn	15 04 39.4 +1.1
Fanlu				
baz=319				
WCKO		S	Sn	15 04 54.4 +1.1
baz=319				
WARBT	1.19 359	P	Pn	15 04 37.3 -1.1
Fenglin Townsh				
baz=357				
WARBT		eS	Sn	15 04 50.0 -3.6
baz=357				
SSHA	1.21 301	eP	Pn	15 04 40.2 +1.6
Shanhua				
baz=299				
SSHA		eS	Sb	15 04 56.7 +1.1
baz=299				
TAI1	1.21 295	eP	Pn	15 04 40.4 +1.8
Yung-k'ang				
baz=295				
WHYT	1.28 336	i/P	Pn	15 04 40.7 +1.0
Xinyi Township				
baz=340				
WHYT		eS	Sn	15 04 56.6 +0.8
baz=340				
ESL	1.29 1	eP	Pn	15 04 38.6 -1.1
Shilin				
baz=360				
ESL		eS	Sn	15 04 52.9 -3.0
baz=360				
SCLT	1.30 300	P	Pn	15 04 40.8 +0.9
Jiali				
baz=299				
SCLT		eS	Sn	15 04 58.1 +1.9
baz=299				
CHN2	1.33 319	P	Pn	15 04 41.9 +1.6
Minshiang				
baz=317				
CHN2		eS	Sn	15 04 58.8 +2.0
baz=317				
SSLB	1.33 341	i/P	Pn	15 04 40.7 +0.3
Suanglung				
baz=346				
SSLB		S	Sn	15 04 56.8 -0.2
baz=346				
CHY	1.33 317	i/P	Pn	15 04 41.5 +1.1
Chiayi				
baz=315				
CHY		S	Sn	15 04 58.4 +1.4
baz=315				
ICHU	1.34 309	P	Pn	15 04 41.5 +1.0
Yijhu				
baz=307				
ICHU		eS	Sn	15 04 58.0 +0.9
baz=307				
TSCK	1.38 297	P	Pn	15 04 41.8 +0.9
Chigu Township				
baz=296				
TSCK		eS	Sn	15 04 58.9 +0.9
baz=296				
CHN8	1.38 307	P	Pn	15 04 41.9 +0.9
Yiju				
baz=305				
CHN8		eS	Sn	15 05 00.5 +2.3
baz=305				
WDLH	1.42 325	P	Pn	15 04 42.9 +1.5
Douliu				
baz=323				
WDLH		eS	Sn	15 05 01.0 +1.9
baz=323				
SMLT	1.44 341	P	Pn	15 04 43.0 +1.1
Sun Moon Lake				
baz=339				
SMLT		eS	Sn	15 05 00.5 +0.8
baz=339				
WJS	1.44 334	P	Pn	15 04 43.7 +1.9
Zhushan				
baz=317				
WJS		eS	Sn	15 05 02.0 +2.4
baz=317				
OWD	1.44 351	eP	Pn	15 04 41.9 -0.1
Renai				
baz=357				
OWD		eS	Sn	15 04 57.6 -2.3
baz=357				
HWA	1.46 7	P	Pn	15 04 42.3 +0.3
Hwaiien				
baz=15				
HWA		eS	Sn	15 04 59.5 -0.6
baz=15				
TYC	1.47 340	P	Pn	15 04 43.8 +1.6
Yuch				
baz=338				
TYC		S	Sn	15 05 02.2 +1.8
baz=338				
WSL	1.48 313	P	Pn	15 04 43.3 +1.0
Shulin Townsh				
baz=297				
WSL		eS	Sn	15 05 02.0 +1.4
baz=297				
WUSB	1.49 349	P	Pn	15 04 43.1 +0.5
Renai				
baz=355				
WUSB		S	Sn	15 04 59.6 -1.4
baz=355				
LXIB	1.49 360	P	Pn	15 04 41.8 -0.9
Xiulin Townshi				
baz=358				
LXIB		eS	Sn	15 04 58.2 -2.9
baz=358				
WTK	1.50 321	i/P	Pn	15 04 43.5 +0.9
Tuku				
baz=319				
WTK		eS	Sn	15 05 01.5 +0.5
baz=319				
WNT	1.51 334	P	Pn	15 04 44.5 +1.7
Mingjian				
baz=317				
WNT		eS	Sn	15 05 03.6 +2.3
baz=317				
CHGB	1.55 352	P	Pn	15 04 43.9 +0.3
Renai				

baz=357				
CHGB		eP	Sn	15 05 01.0 -1.6
baz=357				
TWD	1.56 6	eP	Pn	15 04 43.1 -0.4
Zhiwan				
baz=358				
WSF	1.56 316	i/P	Pn	15 04 44.1 +0.6
Shiau				
baz=314				
WSF		eS	Sn	15 05 02.5 -0.1
baz=314				
WCS	1.60 343	i/P	Pn	15 04 45.7 +1.8
Beigang Elemen				
baz=340				
WCS		eS	Sn	15 05 04.5 +1.0
baz=340				
WHF	1.62 355	i/P	Pn	15 04 44.9 +0.2
Helian Shan				
baz=2.0				
WHF		eS	Sn	15 05 03.1 -1.7
baz=2.0				
ETL	1.64 7	eP	Pn	15 04 44.9 +0.2
Fush Village				
baz=354				
ETL		eS	Sn	15 05 02.4 -2.3
baz=354				
NACB	1.65 6	P	Pn	15 04 44.4 -0.4
Ninganchiao				
NACB	1.65 6	P	Pn	15 04 44.0 -0.8
Ninganchiao				
NACB		eS	Sn	15 05 02.0 -2.9
baz=355				
WRL	1.67 325	P	Pn	15 04 45.4 +0.5
Guolierin Hig				
baz=323				
WRL		S	Sn	15 05 05.9 +0.5
baz=323				
ETLH	1.68 2	eP	Pn	15 04 44.6 -0.6
Xiulin Townshi				
baz=359				
ETLH		eS	Sn	15 05 04.0 -1.7
baz=359				
WTCT	1.70 322	eP	Pn	15 04 45.7 +0.3
Ta-ch'eng				
baz=320				
WTCT		eS	Sn	15 05 06.2 +0.3
baz=320				
TWT	1.74 353	P	Pn	15 04 47.2 +1.2
Tachien				
baz=358				
TWT		eS	Sn	15 05 06.8 -0.5
baz=358				
TDCB	1.74 352	P	Pn	15 04 46.9 +0.8
Techi				
baz=357				
TDCB		eS	Sn	15 05 06.2 -1.0
baz=357				
WCHH	1.74 333	eP	Pn	15 04 47.5 +1.6
Zhanghua				
baz=318				
WCHH		eS	Sn	15 05 08.6 +1.6
baz=318				
TCU	1.76 337	eP	Pn	15 04 48.0 +1.8
Taichung				
baz=334				
TCU		eS	Sn	15 05 09.1 +1.7
baz=334				
WDGT	1.78 295	i/P	Pn	15 04 46.6 +0.1
Dungji				
baz=293				
WDGT		eS	Sn	15 05 06.5 -1.5
baz=293				
EOS4	1.79 27	eP	Pn	15 04 47.2 +0.9
EOS4				
EOS4		eS	Sn	15 05 08.1 +0.2
baz=36				
WHP	1.80 346	i/P	Pn	15 04 49.0 +2.1
Taichung City				
baz=352				
WHP		S	Sn	15 05 11.4 +2.7
baz=352				
NNSB	1.90 359	eP	Pn	15 04 48.6 +0.3
Datong				
baz=7.0				
NNSB		eS	Sn	15 05 09.3 -1.8
baz=7.0				
NNS	1.91 359	eP	Pn	15 04 49.2 +0.8
Nan Shan				
baz=7.0				
NNS		eS	Sn	15 05 09.7 -1.8
baz=7.0				
TWQ1	1.91 342	eP	Pn	15 04 50.1 +1.8
Liyutan				
baz=326				
TWQ1		S	Sn	15 05 13.5 +2.2
baz=326				
ENA	1.92 9	eP	Pn	15 04 48.6 +0.2
Nanau				
baz=355				
ENA		eS	Sn	15 05 09.0 -2.5
baz=355				
EOS3	1.94 25	P	Pn	15 04 49.7 +1.1
EOS3				
EOS3		eS	Sn	15 05 12.7 +0.9
baz=23				
EWUT	1.94			





IDC 02 17:45:02.6:1.4, 2.00S:140.71E, h0km, mb3.9/5, mbtmp4.0/7, ML4.0/2, MS2.1/2, Error ellipse: s-maj=47.8km s-min=13.6km az=82.0

ISC 02 17:45:09.1:1.3, 2.1S:0.1:140.4E:0.2, h35km, n16, a=155/16, mb3.5/5, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAY Jayapura, GENI Genyem, KDU Kakadu, MTN Mantion Dam, GUMO Guam, etc.

IDC 02 17:47:12.1:1.0, 30.24S:177.74W, h0km, mb4.0/6, mbtmp4.0/6, MS2.9/3, Error ellipse: s-maj=30.3km s-min=18.1km az=101.0

NEIC 02 17:47:15.8:1.5, 30.24S:0.06:177.6W:0.1, h25km, 7km, mb4.5/14, Error ellipse: s-maj=18.8km s-min=9.3km az=92.0

ISC 02 17:47:13.7:0.7, 30.36S:0.06:177.9W:0.1, h10km, n55, a=157/16, mb4.3/14, 3C, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, URZ Urewera, RTZ Ruatahuna, BKZ Black Stump Fm, etc.

BRTR Keskin Array B 152.69 299 PKPbc PKPbc 18 07 59.3 -0.9 comp=2.0, 3nm, 0.7s, baz=121, slow=5.1, SNR=3.0

TORD Torodi Ar. Bea 162.87 179 PKPab PKPab 18 08 06.1 +0.5 comp=2.0, 5nm, 1.0s, baz=182, slow=4.3, SNR=2.2

IDC 02 18:04:22.1:3.1, 27.65N:53.69E, h0km, mb3.3/4, mbtmp3.3/4, MS2.8/1, Error ellipse: s-maj=67.3km s-min=35.8km az=157.0

TEH 02 18:04:25.8, 27.65N:53.58E, h8km, 39km, ML3.3 OMAN 02 18:04:25.9:0.2, 27.94N:54.30E, h1km, 10km, mb4.3/1, m3.3/10, Error ellipse: s-maj=19.8km s-min=2.4km az=353.0

ISC 02 18:04:26.4:0.7, 27.67N:0.03:53.61E:0.04, h16km, n54, a=209/64, mb3.6/3, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LMD1 Lamerd, LAR1 LAR, JHRM Jahrom, etc.

BRTR Keskin Array B 20.46 311 P 18 09 03.8 +0.4 SNR=9.1

BELG Belogomoye 25.10 351 LR 18 24 05.4 comp=2.19nm, 1.8s, baz=135, slow=47

FINES FINES Array B 38.47 339 P 18 11 44.5 -2.8 comp=1.9nm, 0.7s, baz=139, slow=15, SNR=5.3

TORD Torodi Ar. Bea 50.41 264 P 18 13 21.9 -1.5 comp=2.0, 5nm, 0.8s, baz=69, slow=5.2, SNR=3.2

ISC 02 18:11:25.1:1.3, 26.50N:143.89E, h0km, mb3.6/5, mbtmp3.6/6, ML2.4/1, Error ellipse: s-maj=45.1km s-min=24.2km az=77.0

ISC 02 18:11:29.7:1.2, 26.6N:0.2:143.8E:0.3, h31km, n6, a=084/6, mb3.7/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 02 18:11:50.7:0.9, 7.21S:158.69E, h0km, mb4.0/6, mbtmp4.0/9, ML4.1/3, MS3.0/2, Error ellipse: s-maj=25.8km s-min=12.4km az=68.0

NEIC 02 18:11:51.9:1.4, 7.18S:0.08:158.88E:0.05, h10km, 2km, mb4.1/6, Error ellipse: s-maj=13.3km s-min=8.5km

ISC 02 18:11:50.9:0.7, 7.33S:0.07:158.9E:0.1, h10km, n27, a=1820/23, mb4.1/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, RABL Rabaul, KRVT Keravat, etc.

H11S1 WAKE ISLAND Hy 26.80 17 T T 18 46 11.0 comp=2.0, 3nm, 0.7s, baz=121, slow=5.1, SNR=3.0

WB0 Warramunga Arr 26.82 240 P P 18 17 32.5 +0.9 comp=2.5, 7nm, 1.1s

WRAB Tennant Creek 26.92 240 P Iamb P Iamb 18 17 33.1 +0.6 comp=2.5, 0nm, 1.2s

WB2 Warramunga Arr 26.92 240 P Iamb P Iamb 18 17 33.0 +0.4 comp=2.5, 6nm, 1.2s

WRA Warramunga Arr 26.93 240 P P 18 17 33.7 +1.0 comp=2.0, 8nm, 0.4s, baz=64, slow=9.3, SNR=19

WRR Warramunga Arr 26.93 240 P P 18 17 33.4 +0.7

H11N1 WAKE ISLAND Hy 27.99 16 T T 18 47 47.5 comp=2.0, 2nm, 0.4s

H11N3 WAKE ISLAND Hy 28.00 16 T T 18 47 47.0 comp=2.0, 2nm, 0.4s

H11N2 WAKE ISLAND Hy 28.01 16 T T 18 47 48.7 comp=2.0, 4nm, 1.0s, baz=80, slow=2.7, SNR=1.7

ASAR Alice Springs 28.99 233 P P 18 17 51.0 0.0 comp=2.0, 2nm, 0.5s, baz=64, slow=9.3, SNR=6.8

ASAR Alice Springs 28.99 233 P P 18 17 51.0 0.0 comp=2.0, 2nm, 0.5s

KNRA Kununurra 30.67 252 P P 18 18 05.7 -0.2 comp=2.0, 8nm, 1.1s, baz=27, slow=11, SNR=2.1

PETK Petropavlovsk- 60.21 359 P P 18 21 59.6 +0.6 comp=2.8nm, 1.1s

SONM Songoing Array 71.77 326 P P 18 23 14.0 +0.4 comp=2.0, 7nm, 0.7s, baz=132, slow=4.6, SNR=4.6

MKAR Makanchi Array 86.25 318 P P 18 24 32.9 0.0 comp=2.1, 3nm, 0.6s, baz=90, slow=5.5, SNR=11

YKA Yellowknife Ar 94.81 28 P P 18 25 15.2 +2.6 comp=2.0, 6nm, 0.8s, baz=274, slow=1.5, SNR=2.1

BDFB Brasilia 144.88 131 PKPbc PKPpdf 18 31 28.8 -0.7 comp=2.1, 9nm, 0.6s, baz=283, slow=2.5, SNR=3.4

TORD Torodi Ar. Bea 156.87 286 PKPab PKPab 18 32 16.6 -0.9 comp=2.0, 2nm, 0.4s, baz=86, slow=5.4, SNR=4.5

SDD 02 18:13:09.6:2.0, 16.84N:62.99W, h155km, 180km, MD4.3 TRN 02 18:13:09.2, 16.82N:62.98W, h42km, MD4.4

ISC 02 18:13:08.8:1.9, 17.0N:0.05:62.99W:0.07, h54km, 22km, n33, i=129/45, 4C-3D, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SMRT St. Maarten, SMRT Saba, ANWB Willy Bob, etc.

TRN 02 18:18:37.4, 10.54N:62.67W, h54km, MD3.0 FUNV 02 18:18:40.1, 10.43N:62.58W, h38km, MW3.4

ISC 02 18:18:36.3:1.3, 10.46N:0.05:62.59W:0.04, h84km, 14km, n15, a=195/28, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CRUV Carupano, TRN Trinidad, GRGR Grenville, etc.

EAF 02 19:00:14.4, 19.48S:35.39E, h10km, MC4.0 BUL 02 19:00:14.3:0.7, 19.56S:35.46E, h13km, 74km, MD4.5















MEM	Membach	149.08 355	dPKIKP	PKIKP	20 47 13.7	-0.4			
BTNL	Ternell	149.10 355	dPKIKP	PKPbc	20 47 13.6	+0.3			
SIRR	Siria	149.13 353	dp	PKPpdf	20 47 10.7	-1.5			
BSTI	Sart Tilman	149.14 356	dPKP	PKPbc	20 47 13.7	+0.3			
TNS	Tanus Mts	149.22 352	ePKPbc	PKIKP	20 47 14.3	-0.2			
GRF	Grabenberg Arr	149.29 349	ePKPbc	PKIKP	20 47 14.7	+0.1			
GZR	Gura Zlata	149.32 331	up	PKPbc	20 47 14.1	0.0			
KHC	Kasperske Hory	149.32 345	PKPbc	PKPbc	20 47 13.9	-0.1			
KHC	Krke Hory	149.32 345f	ePKP	PKIKP	20 47 14.4	-0.4			
BMR	Mareouds	149.47 357	dPKP	PKPbc	20 47 13.4	-0.8			
WTD	Wetzeltz	149.47 346	ePKPbc	PKIKP	20 47 14.9	-0.1			
GE2C	GERESS Array S	149.56 345	PKPbc	PKPbc	20 47 14.7	+0.1			
GE2C	GERESS Array B	149.56 345	ePKPbc	PKIKP	20 47 15.0	-0.3			
REHES	GERESS Array B	149.56 345	PKPbc	PKPbc	20 47 14.7	+0.1			
REHES	GERESS Array B	149.56 345	PKPbc	PKPbc	20 47 14.3	-0.3			
RCHB	Rochefort	149.59 356	PKPbc	PKPbc	20 47 14.8	+0.4			
BZS	Buzias	149.66 333	up	PKPbc	20 47 15.1	+0.3			
DOU	Dourbes	149.68 357	dPKIKP	PKPbc	20 47 15.0	+0.3			
CONA	Conrad Observa	149.81 342	iPKP	PKIKP	20 47 15.7	-0.2			
HERR	Herrmann	149.88 331	up	PKPbc	20 47 15.5	-0.2			
RONA	Rosalia, Austr	149.89 341	iPKP	PKIKP	20 47 15.7	-0.2			
WLF	Walferdange	150.01 355	dPKP	PKIKP	20 47 16.3	+0.2			
WLF	Walferdange	150.01 355	dPKP	PKIKP	20 47 16.5	+0.3			
WLF	Walferdange	150.01 355	ePKPbc	PKIKP	20 47 16.7	+0.6			
MOA	Molin	150.34 344	iPKP	PKPbc	20 47 16.4	0.0			
MORH	Morsungar	150.38 337	up	PKPbc	20 47 14.8	-1.6			
BAO	Bachschl, Aus	150.65 344	iPKP	PKPbc	20 47 17.0	-0.1			
RJOB	Rochberg	150.81 345	ePKPbc	PKPbc	20 47 17.7	+0.2			
RFO	Rofe	150.89 322	PKPbc	PKPbc	20 47 17.4	-0.4			
BDO	Black Forest	151.09 352	ePKPbc	PKIKP	20 47 18.5	+0.1			
LESA	Schwarzleotal	151.13 345	iPKP	PKIKP	20 47 18.7	+0.1			
VTS	Vitoseal	151.15 327	up	PKIKP	20 47 22.8	+3.9			
SOKA	Sotho	151.19 342	iPKP	PKPbc	20 47 17.9	-0.9			
KBA	Koelbrenspeiser	151.29 344	iPKP	PKPbc	20 47 18.9	+0.1			
UBR	Ueberlurr	151.43 349	ePKPbc	PKIKP	20 47 19.1	-0.1			
WATA	Walderalm	151.47 347	iPKP	PKPbc	20 47 18.8	-0.3			
RETA	Reten	151.49 348	iPKP	PKPbc	20 47 19.0	-0.1			
WTTA	Wattenberg	151.52 347	iPKP	PKPbc	20 47 19.2	0.0			
MOTA	Mossalm	151.56 347	iPKP	PKIKP	20 47 19.8	+0.2			
SQTA	Sankt Quirin	151.66 347	iPKP	PKPbc	20 47 19.4	-0.1			
ABTA	Abtaltersbach	151.81 345	iPKP	PKPbc	20 47 19.2	-0.6			
FETA	Feichten	151.95 348	iPKP	PKPbc	20 47 20.2	0.0			
DAVox	Davos/Dischmat	152.34 349	PKPbc	PKPbc	20 47 20.9	-0.2			
TORD	Torodi Ar. Be	173.39 175	PKP	PKPpdf	20 47 33.5	-0.7			
TORD	Torodi Ar. Be	173.39 175	PKP	PKPpdf	20 47 33.5	-0.7			

SVW2	Sparrevohn	1.90 230	Pn	Pn	20 29 23.6	+0.5			
BPWV	Bear Paw Mtn.	1.91 22	Pn	Pn	20 29 23.9	-0.3			
BPWV	comp=E,33nm,0.7s			IAML	20 29 50.3				
L18K	Granite Mounta	1.92 788	Pn	Pn	20 29 24.2	-0.1			
WATI	Susitna Watana	1.93 263	Pn	Pn	20 29 24.0	-0.5			
JED	Redoubt Volcan	1.93 183	Pn	Pn	20 29 24.8	+0.2			
R20K	Novitva River	1.97 340	Pn	Pn	20 29 24.5	-0.4			
J20K	comp=E,44nm,0.8s			IAML	20 29 51.0				
J20K	comp=N,78nm,0.7s			IAML	20 29 51.8				
RND	Reindeer	2.02 56	Pn	Pn	20 29 25.2	-0.3			
RND	comp=E,36nm,0.3s			IAML	20 29 52.8				
SML	Sawmill	2.07 103	Pn	Pn	20 29 25.4	-0.7			
SML	comp=E,126nm,0.8s			IAML	20 29 54.2				
SML	comp=N,49nm,0.7s			IAML	20 29 55.6				
J19K	Poorman	2.16 322	Pn	Pn	20 29 26.6	-0.5			
SLMK	Skilak Lake	2.16 147	Pn	Pn	20 29 26.5	-0.7			
SLMK	Knik Glacier	2.16 114	Pn	Pn	20 29 26.5	-0.7			
J18K	Innokov River	2.20 303	Pn	Pn	20 29 27.2	-0.4			
WAT6	Susitna Watana	2.26 82	Pn	Pn	20 29 27.6	-0.9			
N18K	Slope Mountain	2.27 161	Pn	Pn	20 29 28.9	-0.5			
Q22K	Kilae Creek	2.30 225	Pn	Pn	20 29 28.5	-0.3			
IVE	Ilamnia Volcan	2.32 142	Pn	Pn	20 29 28.9	0.0			
M23K	Glacier View	2.35 101	Pn	Pn	20 29 28.5	-0.9			
M17K	Hollitna River	2.46 250	Pn	Pn	20 29 30.5	-0.5			
DHY	Denali Highway	2.51 71	IAML	IAML	20 29 31.1	-0.4			
DHY	comp=N,48nm,0.5s			IAML	20 30 05.9				
PWL	Port Wells	2.52 124	Pn	Pn	20 29 30.4	-1.0			
SCM	Sheep Creek Mo	2.52 99	Pn	Pn	20 29 30.8	-0.8			
I20K	comp=E,119nm,0.2s			IAML	20 29 32.3	-0.1			
K17K	ditidod	2.61 342	Pn	Pn	20 29 33.2	-0.1			
L17K	Donlin	2.68 268	Pn	Pn	20 29 33.3	-0.1			
SEW	Seward	2.71 145	Pn	Pn	20 29 33.1	-0.6			
BRLK	Bradley Lake	2.71 162	Pn	Pn	20 29 33.6	-0.3			
BRLK	comp=N,100nm,0.1s			IAML	20 30 08.5				
P19K	Oil Pt	2.72 187	Pn	Pn	20 29 34.2	+0.3			
P19K	comp=N,49nm,1.0s			IAML	20 30 39.2				
P19K	comp=E,52nm,1.3s			IAML	20 30 44.7				
NEA2	Nenana	2.76 33	Pn	Pn	20 29 33.6	-0.7			
BRSE	Bradley Lake S	2.76 160	Pn	Pn	20 29 33.7	-0.7			
MLY	Manley	2.82 16	Pn	Pn	20 29 34.9	-0.3			
MLY	comp=E,18nm,0.6s			IAML	20 30 09.5				
I21K	Tanana	2.86 5	Pn	Pn	20 29 35.7	+0.1			
I21K	comp=N,19nm,1.1s			IAML	20 30 10.4				
I21K	comp=E,34nm,0.8s			IAML	20 30 11.4				
N17K	Nushagak Hills	2.86 233	Pn	Pn	20 29 35.7	0.0			
WRH	Wood River Hill	2.94 41	Pn	Pn	20 29 36.2	-0.4			
GLI	Glacier Island	3.00 117	Pn	Pn	20 29 36.2	-1.3			
M24K	Tolsona, Glenn	3.01 92	Pn	Pn	20 29 37.4	-0.2			
M24K	comp=E,89nm,0.5s			IAML	20 30 17.3				
CCB	Clear Creek Bu	3.15 41	Pn	Pn	20 29 38.8	-0.5			
J17K	VABM Dome	3.16 292	Pn	Pn	20 29 39.0	-0.3			
M23K	Minto, Yukon-K	3.16 26	Pn	Pn	20 29 39.4	0.0			
KLU	Klutina	3.26 102	Pn	Pn	20 29 40.0	-0.8			
IDM	Murphy Dome	3.27 35	Pn	Pn	20 29 40.3	-0.5			
HDA	Harding Lake	3.28 48	Pn	Pn	20 29 40.5	-0.4			
HDA	comp=N,20nm,0.4s			IAML	20 30 20.9				
HDA	comp=N,20nm,0.4s			IAML	20 30 21.1				
L16K	Owhat River	3.31 262	Pn	Pn	20 29 41.1	-0.2			
M16K	Timber Creek	3.31 249	Pn	Pn	20 29 41.2	-0.2			
H20K	Antidenegga Mo	3.32 343	Pn	Pn	20 29 41.1	-0.3			
FLD	Port Fidenaga	3.33 116	Pn	Pn	20 29 40.8	-1.3			
P23K	Melozina River	3.33 358	Pn	Pn	20 29 41.3	-0.8			
P23K	Montague Islan	3.44 313	Pn	Pn	20 29 41.6	-1.4			
DIV	Divide	3.46 108	Pn	Pn	20 29 42.5	-0.8			
Q19K	Cape Douglas,	3.46 189	Pn	Pn	20 29 43.5	+0.1			
Q19K	comp=N,68nm,1.3s			IAML	20 30 19.2				
HIN	Hinchinbrook I	3.52 121	Pn	Pn	20 29 44.1	+0.1			
IL31	Ilk	3.53 44	Pn	Pn	20 29 43.3	-0.8			
ILAR	Eielson Array	3.53 44	Pn	Pn	20 29 44.0	0.0			
ILAR	Eielson Array	3.53 44	Pn	Pn	20 29 43.5	-0.6			
ILAR	comp=N,17.5nm,0.5s,baz=227,slow=17,SNR=7.6			S	20 30 23.9	-2.2			
H22K	Ishatitna Cre	3.61 8	Pn	Pn	20 29 45.1	0.0			
IMAR	Indian Mountain	3.69 353	Pn	Pn	20 29 46.2	0.0			
H20K	Yukon River	3.74 20	Pn	Pn	20 29 46.2	0.8			
SYI	Shuyak Island	3.75 178	Pn	Pn	20 29 46.1	-0.9			
SYI	comp=N,19nm,1.4s			IAML	20 30 29.4				
SYI	comp=E,27nm,0.9s			IAML	20 30 30.0				
J16K	Anvik River	3.80 288	Pn	Pn	20 29 47.5	-0.1			
H18K	Honhosra River	3.81 320	Pn	Pn	20 29 47.8	-0.1			
N25K	Chitina, Valde	3.84 98	Pn	Pn	20 29 47.9	-0.4			
N25K	comp=N,52nm,0.5s			IAML	20 30 34.7				
N25K	comp=E,46nm,0.4s			IAML	20 30 35.0				
O16K	Kokwok River B	3.85 227	Pn	Pn	20 29 48.2	0.0			
J25K	Salcha River,	3.96 52	Pn	Pn	20 29 48.4	-0.4			
J25K	comp=E,22nm,0.4s			IAML	20 30 36.9				
J25K	comp=N,15nm,0.4s			IAML	20 30 37.1				
BMRH	Bremner River								





Table with columns: BVAR, BMAR, NVAR, MKAR, MKAR, MKAR, ZALV, BELA, NRIK, SMAI, BVAR, ESDC. Includes station names, coordinates, and various parameters.

Station information for JMA, NIED, and various fault plane solutions. Includes coordinates, magnitudes, and moment tensors.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations across the region.

Table with columns: BRTR, NC405, BUR08, BURAR, NOA, SUMC, PPT2. Includes station names, coordinates, and parameters.

Station information for IDC and KRSC. Includes coordinates, magnitudes, and moment tensors.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations across the region.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations across the region.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Cerro Negro, San Cristobal, BOACO BROADBAN, Matagalpa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Otavalo, Tulcan-Chalpat, Prado, Puitahua, Pamco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Cathedral Cave, Muleshoe, Muleshoe, Amarello, etc.









Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NNS, OBN, GMRC, RDMU, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like F36A, ECSD, KBZ, ZEI, E38A, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CLL, COVR, TUL3, BRG, etc.





2d 23h

2017 SEP

Table with columns for flight codes (e.g., HJU, HHU, MTN), destinations (e.g., Haeju, Hamhung, Manton Dam), times, and status indicators (P, S, Pmax, etc.).

Table with columns for flight codes (e.g., TIA, CN2, QIS), destinations (e.g., Muara Teweih, Muara Teweh, Muara Teweh), times, and status indicators (P, S, Pmax, etc.).

Table with columns for flight codes (e.g., KLR, STKI, RK1H), destinations (e.g., Kul'dur, Sintang, Rockhampton Ha), times, and status indicators (P, S, Pmax, etc.).

PET	comp=Z,37nm,0.8s		pmax	pmax					
PET	comp=Z,2um,18.0s		MLR	MLR					
PET	comp=Z,2um,20.0s		MLR	MLR					
RMQ	Roma	40.34 177	P	P	23 07 39.0	-0.2			
QLP	Qulipie	40.44 183	P	P	23 07 38.9	-1.1			
HHC	Hu-ho-hao-te	40.52 318	P	P	23 07 41.5	+0.7			
HHC			S	S	23 13 47.2	-0.7			
HHC			sS	sS	23 14 05.3	+4.5			
HHC			ScS	ScS	23 17 43.0	-1.5			
HHC	comp=Z,170nm,1.5s		pmax	pmax					
HHC	comp=Z,1um,7.3s		LR	LR					
HHC	comp=Z,3um,16.2s		LR	LR					
HHC	comp=Z,4um,17.7s		LR	LR					
HHC	comp=Z,6um,17.4s		LR	LR					
NGJI	Ngawi	40.81 241	P	P	23 07 45.7	+2.4			
DZM	Mont Dzumac	40.84 151	eP	P	23 07 41.1	-2.4			
DZM	comp=Z,83nm,1.2s		eS	S	23 13 35.8	-1.7			
DZM	comp=Z,496nm,28.1s		eLR	LR	23 18 54.4				
DZM	Mont Dzumac	40.84 151	P	P	23 07 42.4	-1.1			
DZM	Mont Dzumac	40.84 151	P	P	23 07 43.5	0.0			
DZM	Mont Dzumac	40.84 151	LR	LR	23 24 26.9				
BTO	Baotou	41.41 317	P	P	23 07 50.3	+2.2			
BTO			PP	Pn	23 09 31.6	+2.8			
BTO			ScP	ScP	23 13 29.2	-4.5			
BTO			S	S	23 14 03.7	+2.5			
BTO			SS	SS	23 17 03.9	-2.0			
BTO	comp=Z,240nm,1.1s		LR	LR					
BTO	comp=Z,5um,16.9s		LR	LR					
BTO	comp=Z,4um,19.0s		LR	LR					
HIA	Hailar	41.45 333	P	P	23 07 47.6	-0.6			
HIA	comp=Z,151nm,2.0s		IAMS_20	IAMS_20	23 24 22.7				
HIA	Hailar	41.45 333	P	P	23 07 48.9	+0.7			
HIA	Hailar	41.45 333	P	P	23 07 47.6	-0.6			
HIA	comp=Z,151nm,2.0s		MLR	MLR					
WOJI	Wonogiri, Jawa	41.51 241	P	P	23 07 48.7	-0.3			
NONG	Nongkai	41.84 281	P	P	23 07 53.4	+1.6			
UGM	Wanagama	41.88 241	P	P	23 07 51.5	-0.7			
UGM	Wanagama	41.88 241	P	P	23 07 51.5	-0.7			
UGM	Wanagama	41.88 241	P	P	23 07 52.8	+0.6			
INKA	Innaminka	41.91 188	P	P	23 07 50.7	-1.4			
KMI	Kunming	42.56 292	P	P	23 07 58.8	+1.0			
KMI			PcP	PcP	23 09 52.0	+1.9			
KMI			ScP	ScP	23 13 42.6	+3.9			
KMI			S	S	23 14 25.4	+6.6			
KMI			SS	SS	23 17 21.1	-8.1			
KMI	comp=Z,20nm,2.8s		pmax	pmax					
KMI	comp=Z,670nm,9.0s		LR	LR					
KMI	comp=Z,1um,18.7s		LR	LR					
KMI	comp=Z,2um,20.5s		LR	LR					
KMI	comp=Z,3um,18.9s		LR	LR					
CD2	Chengdu	42.67 301	P	P	23 07 58.2	-0.3			
CD2			S	S	23 12 22.9	+3.0			
CD2	comp=Z,30nm,1.0s		pmax	pmax					
CD2	comp=Z,740nm,10.9s		LR	LR					
CD2	comp=Z,1um,12.9s		LR	LR					
CD2	comp=Z,2um,14.1s		LR	LR					
WRKA	Warakurna	42.73 205	P	P	23 07 58.4	-0.5			
OD	Oodnadatta	42.90 194	P	P	23 07 59.6	-0.5			
KPJI	Karang Pucung	42.95 243	P	P	23 08 00.9	+0.1			
AULRC	Lightning Ridg	43.23 178	P	P	23 08 01.5	-1.3			
TPRI	Tanjung Pinang	43.56 256	P	P	23 08 04.8	-1.0			
PZH	PanZhiHua	43.62 294	P	P	23 08 06.0	-0.3			
PZH			S	S	23 14 33.2	-0.9			
PZH			sS	sS	23 14 48.9	+1.9			
PZH			SS	SS	23 17 48.7	-1.1			
PZH	comp=Z,30nm,0.9s		pmax	pmax					
PZH	comp=Z,610nm,8.1s		LR	LR					
PZH	comp=Z,1um,18.2s		LR	LR					
PZH	comp=Z,2um,21.0s		LR	LR					
PZH	comp=Z,3um,19.0s		LR	LR					
MBWA	Marble Bar	43.79 217	P	P	23 08 06.8	-0.7			
MBWA	Marble Bar	43.79 217	P	P	23 08 07.3	-0.1			
NAYO	Nakonayok	43.80 276	P	P	23 08 09.1	+1.4			
LEM	Lembang	43.85 244	LR	LR	23 26 48.7				
MYKOM	Kota Tinggi	43.92 258	P	P	23 08 08.3	-0.4			
DSRI	Dabo	43.93 254	P	P	23 08 08.8	-0.5			
LZH	Lanzhou	44.03 308	eP	P	23 08 10.9	+1.4			
LZH			pP	pP	23 08 15.2	+2.1			
LZH			sP	sP	23 08 19.3	-1.2			
LZH			PcP	PcP	23 09 56.1	+1.4			
LZH			S	S	23 14 41.1	+1.1			
LZH			sS	sS	23 14 56.7	+3.8			
LZH			SS	SS	23 17 49.1	-8.6			
LZH			ScS	ScS	23 18 08.3	+1.9			
LZH	comp=Z,170nm,1.3s		pmax	pmax					
LZH	comp=Z,1um,4.6s		LR	LR					
LZH	comp=Z,2um,14.8s		LR	LR					
LZH	comp=Z,1um,15.3s		LR	LR					
LZH	comp=Z,2um,16.1s		LR	LR					
PSA00	Pilbara Seismi	44.04 217	P	P	23 08 09.0	-0.5			
PSA00	comp=Z,76nm,1.1s		IAMB	IAMB	23 08 10.5				
PSA00	Pilbara Seismi	44.04 217	P	P	23 08 08.8	-0.6			
PSA00	comp=Z,60nm,1.2s		IAMS_20	IAMS_20	23 08 10.5				
PSA00	comp=Z,2um,19.0s		IAMS_20	IAMS_20	23 29 45.8				
PSA00	Pilbara Seismi	44.04 217	P	P	23 08 09.6	+0.1			
BBJ	Bungbulang	44.13 243	P	P	23 08 09.0	-1.4			
MSVF	Nonsavu	44.29 135	P	P	23 08 10.6	-1.1			
MSVF	comp=Z,108nm,1.6s		IAMB	IAMB	23 08 14.3				
MSVF	Nonsavu	44.29 135	IAMS_20	IAMS_20	23 25 30.3				
MSVF	Nonsavu	44.29 135	P	P	23 08 11.4	-0.2			
MSVF	Nonsavu	44.29 135	P	P	23 08 10.6	-1.1			
MSVF	comp=Z,108nm,1.6s		pmax	pmax					
MSVF	comp=Z,2um,18.0s		MLR	MLR					
MSVF	Nonsavu	44.29 135	LR	LR	23 25 41.1				
SHEM	Shemys Is, Ala	44.38 24	P	P	23 08 12.3	+0.5			

SHEM	comp=Z,18nm,0.8s,baz=108,slow=19,SNR=2.2	S	S	23 14 47.1	+3.0				
SHEM	comp=Z,23nm,0.8s,baz=280,slow=22,SNR=1.6	LR	LR	23 24 34.0					
SHEM	comp=Z,2um,21.2s,baz=228,slow=33	LR	LR						
SHEM	comp=Z,18nm,0.8s								
CRAI	Chiangrai	44.45 285	P	P	23 08 12.8	-0.1			
ARMA	Armidade	44.47 174	P	P	23 08 12.4	-0.4			
ARMA	comp=Z,3um,18.0s		IAMS_20	IAMS_20	23 26 22.6				
ARMA	Armidade	44.47 174	P	P	23 08 13.2	+0.3			
PMBI	Palembang	44.72 251	P	P	23 08 15.2	+0.1			
LCRK	Leigh Creek	44.75 190	P	P	23 08 16.0	-0.6			
AUPHS	Peel High Scho	45.07 175	P	P	23 08 17.7	+0.1			
CMSA	Cobar Meteorol	45.32 181	P	P	23 08 19.6	+0.1			
KLJ	Kotabumi	45.43 249	P	P	23 08 20.9	+0.2			
CGJI	Cibinong	45.45 246	P	P	23 08 18.5	-2.3			
MA2	Magadan	45.57 3	P	P	23 08 21.8	+0.7			
MA2	comp=Z,74nm,1.0s		IAMB	IAMB	23 08 23.1				
MA2	Magadan	45.57 3	P	P	23 08 22.0	+0.8			
MA2	Magadan	45.57 3	3ceP	P	23 08 20.7	-0.4			
MA2	comp=Z,82nm,1.0s		pmax	pmax					
MA2	Magadan	45.57 3	P	P	23 08 22.0	+0.8			
MA2	comp=Z,37nm,0.8s,baz=180,slow=9.6,SNR=13								
MA2	comp=Z,4.1nm,0.8s,baz=22,slow=1.7		LR	LR	23 25 03.8	+2.6			
MA2	comp=Z,1um,18.6s,baz=196,slow=37		LR	LR					
MULG	Mulgahtung	45.68 195	P	P	23 08 22.0	-0.4			
MULG	comp=Z,37nm,0.8s								
MULG	comp=Z,94nm,1.4s								
CHTO	Chiang Mai	45.81 283	P	P	23 08 23.1	-0.6			
CHTO	Chiang Mai	45.81 283	P	P	23 08 23.1	-0.6			
CHTO	comp=Z,1.0nm,1.3s		pmax	pmax					
CHTO	comp=Z,100nm,20.0s		MLR	MLR					
CM31	Chiang Mai Arr	45.83 282	P	P	23 08 23.9	0.0			
CM31	comp=Z,33nm,0.8s		IAMB	IAMB	23 08 25.2				
CM31	Chiang Mai Arr	45.83 282	P	P	23 08 24.7	+0.8			
CM31	SNR=16		P	P	23 08 24.7	+0.8			
CM31	comp=Z,33nm,0.8s		S	S	23 15 02.5	-3.6			
CM31	comp=Z,33nm,0.8s		S	S	23 15 02.5	-3.6			
CMAR	Chiang Mai Arr	45.83 282	P	P	23 08 23.7	-0.1			
CMAR	Chiang Mai Arr	45.83 282	ceP	P	23 08 24.6	+0.8			
CMAR	comp=Z,27nm,0.9s		pmax	pmax					
CMAR	Chiang Mai Arr	45.83 282	P	P	23 08 24.6	+0.8			
CMAR	comp=Z,26nm,0.9s,baz=85,slow=6.0,SNR=107		PcP	PcP	23 10 02.0	+1.0			
CMAR	comp=Z,4.7nm,0.7s,baz=103,slow=2.3,SNR=2.4		ScP	ScP	23 13 54.2	+2.3			
CMAR	comp=Z,0.9nm,0.3s,baz=49,slow=2.7,SNR=1.2		S	S	23 15 10.1	+4.1			
CMAR	comp=Z,0.6nm,0.3s,baz=191,slow=8.1,SNR=1.4		LR	LR	23 27 10.2				
CMAR	comp=Z,1um,20.4s,baz=95,slow=36		LR	LR					
STKA	Stevens Creek	45.90 186	P	P	23 08 23.0	-1.1			
STKA	Stevens Creek	45.90 186	P	P	23 08 23.0	-1.1			
STKA	Stevens Creek	45.90 186	P	P	23 08 23.4	-0.7			
STKA	Stevens Creek	45.90 186	P	P	23 08 23.0	-1.1			
STKA	comp=Z,8.3nm,0.6s,baz=9.9,slow=12,SNR=16		S	S	23 15 11.0	+4.4			
STKA	comp=Z,0.8nm,0.4s,baz=1.4,slow=22,SNR=1.3		S	S	23 15 11.0	+4.4			
SRDT	SRDT	45.92 276	P	P	23 08 25.3	+0.7			
KULM	Kulim	46.01 264	P	P	23 08 25.2	-0.1			
KASI	Kota Agung	46.04 249	P	P	23 08 24.0	-1.5			
SURA	Surathani	46.16 269	P	P	23 08 28.1	+1.6			
CIT	Chita	46.18 332	eP	P	23 08 25.9	-0.2			
CIT	comp=Z,57nm,1.2s		e	e	23 10 03.3				
CIT	comp=Z,140nm,1.9s		pmax	pmax					
LWLI	Liwa	46.22 249	P	P	23 08 25.9	-1.2			









Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOSAN BOKA, TIC, TROA, TRQA, LIC, LPAZ, ETMB, BOAV, SAML, MACA, CPUP, BDFH, BDFB.

ICD 02 23:14:33.52.6.37.34N:141.65E, h0km, mb3.4/2, mbtmp3.2/3, ML2.1/1, Error ellipse: s-maj=50.9km s-min=36.7km az=32.0

JMA 02 23:14:37.10.2.37.3N:0.3:141.4E:0.9, h24km, 1km, MWZ, Error ellipse: s-maj=2.9km s-min=1.4km az=146.0

ISC 02 23:14:35.0.0.0.37.25E:0.0:141.51E:0.0, h9km, 11km, n19, c049/23, Near east coast of eastern Honshu

Main station list for 2d 23h section, including stations like JFK, JFK, ONAJ, IMW, JMSJ, JFFD, JFFD, JMM, JMM, JOTO, JOTO, JHO, JHO, JIO, JIO, JOU, JOU, JSB, MJAR, MJAR, MJAR, H112, H111, H113, H111, H113, H112, MKAR, WRA, H112, H111, H113, H111, H113, H112, MKAR, WRA.

ICD 02 23:21:14.3:3.6, 3.40S:101.97E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=156.0km s-min=25.0km az=55.0, Southern Sumatara

Main station list for 2d 23h section, including stations like H08S2, H08S3, H08S1, WRA, ASAR, SONM, MKAR, H04N2, H04N1, H04N3, H04N2, H04S1, H04S3, H04S2, TXAR.

NOU 02 23:23:38.5, 41.03S:174.10E, h91km, MLV3.6/10, Cook Strait, New Zealand

WEL 02 23:23:40.5, 0.7, 41.1S:17.4E, h59km, 7km, M3.2/30, ML3.5/14, MLV3.2/30, Error ellipse: s-maj=0.0km s-min=0.0km az=165.2, confirmed

ISC 02 23:23:37.6:1.4, 41.05S:104.174.08E:0.0, h96km, 8km, n86, c1916/92, Cook Strait

Main station list for 2d 23h section, including stations like TCW, TCW, DUWZ, DUWZ, TUWZ, TUWZ, SNZO, NNZ, NNZ, NZW, KIWI, BSWZ, CAW, TGWZ, MSWZ, PLWZ, MRNZ, MTW, THZ, QNZ, QNZ, OHWZ, KHZ, WAZ, BFZ, KHEZ, NEZ, NBEZ, PKE, PKE, MTVZ, PNHZ, VRZ.

Main station list for 2017 SEP section, including stations like WPHZ, WNVZ, MOVZ, PRWZ, PHWZ, TUWZ, BHHZ, LTZ, SNVZ, TWVZ, OTVZ, NTVZ, WTVZ, KRVZ, TMWZ, NTVZ, KAHZ, MCHZ, INZ, HIZ, HIZ, BKZ, BKZ, OXZ, WHZT, WHZT, MCG, TLZ, RACZ, MTHZ, RHCZ, URZ, URZ, URZ, RIGZ, MWZ, AWAZ, FMZ, FMZ, KMAZ, TIMZ, ETAZ, RUGZ, TWGZ, WIAZ, HAZ, PKGZ, JAKZ, JCZ.

UUSS 02 23:26:20.9:1.0, 42.66N:0.02:111.44W:0.03, h10km, 8km, Error ellipse: s-maj=2.9km s-min=2.1km az=124.0

NEIC 02 23:26:20.6:0.9, 42.64N:0.02:111.44W:0.03, h13km, 10km, ML2.8/52, ML2.9/10(UUOSS), Error ellipse: s-maj=3.0km s-min=2.1km az=117.0, Eastern Idaho

Main station list for 2017 SEP section, including stations like AHID, BEI, L17A, SMUT, MLI, REDW, REDW, HDU, NPI, PTU, FXWY, FXWY, HWUT, HWUT, MWU, MOOW, IMW, HUU, BV06, PD31, PDAR, EPU, TCUT, SPUT, SPUT, SPUT, YPP, YPP, YPP, CTU, CTU, BGU, BGU, YNR, BSUT, BSUT, BSUT, YHH, BCYI, YHL, HLID, HLID, RDMU, RDMU, RDMU, MPU, MPU, DUG, DUG, NLU, RWY, TMUT, TMUT, ELK, ELK, O20A, SRU, K2ZA, K2ZA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MVU, PSUT, MTPU.

ICD 02 23:52:49.9:2.1, 13.90N:146.51E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=37.4km s-min=31.7km az=114.0, South of Mariana Islands

Main station list for 2017 SEP section, including stations like GUMO, WRA, SONM, MKAR.

ICD 02 23:55:27.8:0.5, 42.63N:111.37W, h0km, mb3.9/8, mbtmp3.7/18, ML3.1/9, Error ellipse: s-maj=11.4km

NEIC 02 23:55:28.3:1.6, 42.64N:0.02:111.44W:0.04, h6km, 5km, mb4.1/8, ML4.2/72, ML3.9/14(UUOSS), Mw4.0/18(SLM), Error ellipse: s-maj=4.0km s-min=2.1km az=111.0

UUSS 02 23:55:29.1:1.6, 42.65N:0.01:111.45W:0.04, h9km, 6km, Error ellipse: s-maj=3.8km s-min=1.8km az=80.0

NEIC 02 23:55:30, 42.64N:111.42W, h11km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mrr:1.06; Mth:0.22; Mtt:1.28; Mtr:0.48; Mtr:0.07; Mtr:0.23; Fault plane solution: M=1.30000x10^15 NP1:0.335, 000000, 045, 00000, A=126, 00000, NP2:0.200, 00000, 055, 00000, A=60, 00000, Principal axes: T 1.3033, P166.0000, Azm269.0000, N 0.0004, P164.0000, Azm2.0000, P 1.3029, P165.0000, Azm167.0000

ISC 02 23:55:29.1:1.1, 42.66N:0.02:111.43W:0.03, h7km, 8km, n133, c1936/140, mb4.0/3, Eastern Idaho

Main station list for 2017 SEP section, including stations like AHID, BEI, L17A, SMUT, MLI, REDW, REDW, HDU, NPI, PTU, FXWY, FXWY, HWUT, HWUT, MWU, MOOW, IMW, HUU, BV06, PD31, PDAR, EPU, TCUT, SPUT, SPUT, SPUT, YPP, YPP, YPP, CTU, CTU, BGU, BGU, YNR, BSUT, BSUT, BSUT, YHH, BCYI, YHL, HLID, HLID, RDMU, RDMU, RDMU, MPU, MPU, DUG, DUG, NLU, RWY, TMUT, TMUT, ELK, ELK, O20A, SRU, K2ZA, K2ZA.





DUG	comp=E,14um,0.9s	IAML		23 58 19.3	
DUG		IAML		23 58 31.1	
DUG	comp=E,11um,1.1s	P	Pn	23 57 36.5 +0.1	
DUG	Dugway, Tocoale	P	Pn	23 57 36.5 +0.1	
DUG	baz=23	S	Sn	23 58 09.3 +0.9	
NLU	North Lily Min	Pn	Pn	23 57 37.7 +0.6	
NLU	comp=N,6um,1.2s	IAML		23 58 26.6	
NLU	comp=E,6um,1.4s	IAML		23 58 32.4	
RLMT	Red Lodge	2.93 30	Pn	23 57 40.7 +0.6	
RLMT	Red Lodge	2.93 30	Pn	23 58 16.7 +1.5	
BOZ	Bozeman (W)	3.00 356	P	Pb	23 57 44.2 -2.9
BOZ	baz=177	S	Sb	23 58 24.2 +0.5	
TMUT	Trail Mountain	3.31 178	Pn	Pn	23 57 47.4 +1.9
MFID	Camas Ranch	3.40 285	Pn	Pn	23 57 47.0 +0.4
MFID	comp=E,6um,0.9s	IAML		23 58 44.6	
MFID	comp=E,7um,1.1s	IAML		23 57 48.2 +0.6	
ELK	Elko	3.47 239	Pn	Pn	23 58 42.4
ELK	comp=E,4um,2.3s	IAML		23 58 47.5	
ELK	comp=E,3um,1.4s	IAML		23 57 48.6 +1.0	
ELK	Elko	3.47 239	Pn	Pn	23 58 48.6 +1.0
ELK	comp=E,28nm,0.3s, baz=38,slow=13,SNR=11	Lg	Lg	23 58 38.6	
K22A	Casper	3.55 88	P	Pn	23 57 51.9 +3.2
K22A	Casper	3.55 88	S	Sb	23 58 36.2 -3.2
TCRU	Three Creeks R	4.08 192	Pn	Pn	23 57 57.1 +1.1
MVU	Marysville	4.15 190	Pn	Pn	23 57 57.5 +0.5
N23A	Red Feather La	4.38 111	P	Pn	23 58 01.9 +1.7
N23A	Red Feather La	4.38 111	P	Pn	23 58 04.5 +4.3
PSUT	Pine Spring	4.50 206	Pn	Pn	23 58 02.6 +0.8
MTPU	Mount Pierson	4.60 188	Pn	Pn	23 58 05.2 +1.8
ZSCU	Shurtz Canyon	5.18 196	Pn	Pn	23 58 13.3 +2.1
PKCU	Pink Cliffs	5.21 189	Pn	Pn	23 58 13.8 +2.2
CCUT	Cedar City	5.28 198	Pn	Pn	23 58 14.0 +1.4
J06A	Circle Bar Canyon	5.29 281	P	Pn	23 58 11.2 -1.4
R11B	Troy Canyon, C	5.35 219	P	Pn	23 58 16.0 +2.6
WVOR	Wild Horse Val	5.40 271	Pn	Pn	23 58 12.6 -1.5
WVOR	comp=E,2um,3.0s	IAML		23 59 40.7	
WVOR	comp=E,2um,1.8s	IAML		23 59 55.1	
WVOR	Wild Horse Val	5.40 271	Pn	Pn	23 58 12.6 -1.5
F10A	Beach Ranch, E	5.41 311	P	Pn	23 58 15.2 +1.0
F10A	comp=N,1um,1.0s	IAML		23 59 54.1	
F10A	comp=E,2um,1.4s	IAML		23 00 13.4	
LAO	LASA Array	5.47 40	Pn	Pn	23 58 15.5 +0.5
LAO	LASA Array	5.47 40	P	Pn	23 58 17.6 +2.6
EGMT	Eagleton	5.53 11	Pn	Pn	23 58 20.8 +4.9
MVCO	Mesa Verde	5.81 157	P	Pn	23 58 21.6 +1.7
Q09A	Carvers	5.83 232	Pn	Pn	23 58 19.5 -0.4
Q24A	Divide	5.94 126	P	Pn	23 58 27.6 +6.0
S22A	4UR Ranch, Cre	5.95 143	Pn	Pn	23 58 24.1 +2.3
S22A	4UR Ranch, Cre	5.95 143	P	Pn	23 58 24.3 +2.4
SDCO	Great Sand Dun	6.59 135	Pn	Pn	23 58 34.1 +3.5
SDCO	Great Sand Dun	6.59 135	P	Pn	23 58 33.5 +2.9
NVAR	Mina Array Bea	6.75 234	Pn	Pn	23 58 34.7 +2.0
NVAR	comp=E,4.5nm,0.3s, baz=42,slow=12,SNR=7.3	Sn		23 59 48.5 -1.1	
NVAR	baz=72,slow=16	Lg	Lg	23 00 19.9	
TPNV	Topopa Spring	6.80 215	P	Pn	23 58 36.4 +3.0
NEW	Newport	6.97 326	Pn	Pn	23 58 36.9 +1.4
NEW	comp=E,3.0nm,0.3s, baz=134,slow=13,SNR=11	Lg	Lg	00 00 22.7	
D08A	Wollman Farm,	6.99 312	Pn	Pn	23 58 36.8 +1.0
WUAZ	Wupatki	7.08 180	P	Pn	23 58 39.4 +2.2
OGNE	Ogallala	7.15 100	Pn	Pn	23 58 39.8 +1.8
FURC	Furnace Creek,	7.47 217	P	Pn	23 58 45.6 +3.2
KSCO	Kaye Shedlock'	7.51 116	P	Pn	23 58 46.7 +3.6
KSCO	Kaye Shedlock'	7.51 116	P	Pn	23 58 46.1 +3.0
KSCO	baz=301,SNR=8.4	S	Sn	23 59 59.8 -8.4	
MLAC	Mammoth, Mammo	7.60 232	P	Pn	23 58 48.3 +4.0
TIN	Tinemaha, Big	7.67 226	P	Pn	23 58 49.3 +4.0
DGMT	Dagmar	7.71 38	P	Pn	23 58 47.9 +2.3
DGMT	Dagmar	7.71 38	P	Pn	23 58 48.0 +2.3
TQ	Turquoise Moun	8.00 208	P	Pn	23 58 52.6 +2.8
CWC	Cottonwood Cre	8.07 222	P	Pn	23 58 53.8 +3.1
MPMC	Manual Prospec	8.09 218	P	Pn	23 58 53.9 +2.8
NEE2	Needles Airpor	8.24 199	P	Pn	23 58 55.4 +2.5
YBH	Yreka Blue Hor	8.50 268	P	Pn	23 59 00.0 +3.4
YBH	Yreka Blue Hor	8.50 268	Pn	Pn	23 58 60.0 +3.4
YBH	comp=E,0.7nm,0.3s, baz=73,slow=13,SNR=23	Lg	Lg	00 01 14.6	
GMRC	Granite Mounta	8.51 205	P	Pn	23 58 58.9 +2.1
ANMO	Albuquerque	8.54 152	Pn	Pn	23 58 58.0 +0.8
ANMO	Albuquerque	8.54 152	P	Pn	23 58 58.9 +1.4
ANMO	Albuquerque	8.54 152	Pn	Pn	23 58 58.8 +1.6
ANMO	comp=E,0.6nm,0.3s, baz=44,slow=11,SNR=3.1	Lg	Lg	00 01 17.7	
ANMO	comp=E,1.1nm,0.3s, baz=62,slow=13,SNR=1.4	Lg	Lg		
E28A	Huff	8.56 59	P	Pn	23 58 57.8 +0.5
PDMC	Parker Dam, Lak	8.58 196	P	Pn	23 59 01.2 +3.7
LRMC	Laurel Mtn Rd	8.66 217	P	Pn	23 59 01.4 +2.6
HEC	Hector, Ludlow	8.69 208	P	Pn	23 59 01.8 +2.6
ISA	Isabella, Lake	8.88 221	Pn	Pn	23 59 04.0 +2.2
ISA	Isabella, Lake	8.88 221	P	Pn	23 59 04.0 +2.2
ISA	Isabella, Lake	8.88 221	P	Pn	23 59 05.4 +3.7
RRX	Edison Barstow	8.89 212	P	Pn	23 59 05.9 +4.0
YES	Vestal, Richgr	9.04 224	P	Pn	23 59 07.8 +3.9
F04D	Rainier, OR	9.06 297	Pn	Pn	23 59 03.7 -0.5
CCAC	Calif City Ar	9.08 217	P	Pn	23 59 08.9 +2.4
CSUD	Miller	9.18 74	P	Pn	23 59 07.4 +1.6
BLYC	Blythe	9.19 197	Pn	Pn	23 59 08.4 +2.5
B06A	Marblemount	9.25 313	Pn	Pn	23 59 07.4 +0.6
K31A	O'Neill	9.28 86	P	Pn	23 59 08.2 +1.1
K31A	O'Neill	9.28 86	P	Pn	23 59 09.2 +2.0
EDW2	Edwards Air Fo	9.30 216	P	Pn	23 59 11.1 +3.6
ARVC	Arvin	9.48 221	P	Pn	23 59 14.8 +4.9

BC3	Big Chuckackal	9.51 201	P	Pn	23 59 13.9 +3.5
MDND	Maddock	9.79 54	P	Pn	23 59 15.8 +1.7
MDND	Maddock	9.79 54	P	Pn	23 59 14.1 0.0
KMPM	Mount Pierce	9.84 261	P	Pn	23 59 13.7 -1.2
PFO	Pinyon Flats O	9.84 206	/P	Pmax	23 59 17.2 +2.2
PFO	comp=Z,44nm,1.1s	9.84 206	P	Pn	23 59 18.6 +3.6
PFO	Pinyon Flats O	9.84 206	Pn	Pn	23 59 18.3 +3.3
PFO	comp=Z,0.5nm,0.3s, baz=27,slow=13,SNR=9.4	Lg	Lg	00 01 58.6	
TPFO	Pinyon Flats O	9.85 206	P	Pn	23 59 18.8 +3.7
GLA	Glamis	9.93 197	P	Pn	23 59 18.2 +2.1
GLA	Glamis	9.93 197	P	Pn	23 59 18.2 +2.1
GLA	Glamis	9.93 197	P	Pn	23 59 20.6 +4.4
DECC	Green Verdugo	9.98 216	P	Pn	23 59 21.5 +4.7
PKM	Mcperson Peak	10.16 223	P	Pn	23 59 23.3 +3.9
SWSC	Sam W. Stewart	10.27 202	P	Pn	23 59 25.0 +4.3
SBC	Santa Barbara	10.46 222	P	Pn	23 59 29.1 +5.7
N33B	I Bar K, Exete	10.55 96	P	Pn	23 59 23.8 -0.8
YUH	Yuh Desert	10.58 202	P	Pn	23 59 26.9 +1.8
IYP	In-Ko-Pah, Jac	10.63 202	P	Pn	23 59 30.4 +4.6
214A	Organ Pipe Nat	10.69 187	P	Pn	23 59 31.1 +4.5
EDM	Edmonton	10.71 353	Pn	Pn	23 59 27.3 +0.6
EDM	Edmonton	10.71 353	P	Pn	23 59 27.3 +0.6
ECSD	Edwards Data Cent	10.81 79	P	Pn	23 59 28.0 -0.1
ECSD	EROS Data Cent	10.81 79	P	Pn	23 59 27.9 -0.3
L34A	Walden Farm,	11.10 88	Pn	Pn	23 59 32.7 +0.5
F33A	S Mile Ranch	11.27 68	P	Pn	23 59 32.1 -2.3
N35A	Tabor	11.85 93	P	Pn	23 59 42.8 +0.4
N35A	Tabor	11.85 93	P	Pn	23 59 41.1 -1.3
KS20	Mayfield South	11.86 112	P	Pn	23 59 43.3 +0.8
MNTX	Cornudas Mount	11.87 155	P	Pn	23 59 47.1 +4.4
MNTX	Cornudas Mount	11.87 155	P	Pn	23 59 47.4 +4.7
DKNS	Dickens	12.11 134	P	Pn	23 59 48.2 +2.3
AGMN	Agassiz Nation	12.26 57	Pn	Pn	23 59 46.5 -1.3
AGMN	Agassiz Nation	12.26 57	P	Pn	23 59 46.5 -1.3
BLOK	Blackwell	12.34 114	Pn	Pn	23 59 49.7 +0.7
ODSA	Odessa	12.57 143	Pn	Pn	23 59 54.3 +1.9
OKQ29	Liberty Lake	12.72 118	Pn	Pn	23 59 55.5 +1.2
T35A	Leonard Cattle	12.73 112	P	Pn	23 59 54.4 -0.1
T35B	Sooner Cattle	12.73 112	P	Pn	23 59 54.3 -0.2
okcsw	OKLAHOMA CITY	12.97 119	Pn	Pn	23 59 58.3 +0.6
ULM	Lac du Bonnet	13.10 49	Pn	Pn	23 59 57.5 -1.9
ULM	Lac du Bonnet	13.10 49	P	Pn	23 59 57.4 -1.9
ULM	Lac du Bonnet	13.10 49	Pn	Pn	23 59 57.1 -2.3
ULM	comp=Z,4.0nm,0.3s, baz=248,slow=14,SNR=13	Lg	Lg	00 03 36.4	
F36A	Milaca	13.18 70	P	Pn	23 59 58.6 -1.9
SCIA	State Center	13.44 87	Pn	Pn	00 00 03.0 -1.0
FFC	Flin Flon	13.60 24	Pn	Pn	00 00 03.8 -2.3
FFC	Flin Flon	13.60 24	P	Pn	00 00 03.8 -2.3
SPMN	Marine on St.	13.61 73	P	Pn	00 00 04.0 -2.4
SPMN	Marine on St.	13.61 73	P	Pn	00 00 04.2 -2.2
B35A	Bob, Littlefor	13.62 59	P	Pn	00 00 03.9 -2.6
K38A	Parkersburg	13.67 84	P	Pn	00 00 06.6 -0.6
TUL3	Leonard City	13.76 114	P	Pn	00 00 08.3 -0.2
LOOK	Love County	14.04 123	Pn	Pn	00 00 11.6 -0.6
Z35A	Perchaven, San	14.44 125	P	Pn	00 00 18.9 +1.1
U38A	Gravette	14.45 110	P	Pn	00 00 16.8 -1.1
U38A	baz=300	S	Sn	00 02 53.8 -4.1	
FW06	Azti	14.51 127	Pn	Pn	00 00 17.8 -1.0
TX31	Lajitas Ar. Si	14.61 153	P	Pn	00 00 20.9 +0.6
TX31	Lajitas Ar. Si	14.61 153	P	Pn	00 00 22.6 +2.3
TXAR	Lajitas Array	14.61 153	Pn	Pn	00 00 21.8 +1.5
TXAR	Lajitas Array	14.61 153	Pn	Pn	00 00 22.4 +2.1
TXAR	comp=Z,0.4nm,0.3s, baz=341,slow=11,SNR=60	Lg	Lg	00 04 32.5	
S39A	Bolivar	14.62 104	P	Pn	00 00 20.6 +0.4
S39A	baz=295	S	Sn	00 02 59.1 -2.8	
X37A	Clayton	14.81 117	Pn	Pn	00 00 23.8 +1.0
X37A	Clayton	14.81 117	P	Pn	00 00 24.3 +1.5
BBB	Bella Bella	14.83 316	Pn	Pn	00 00 25.6 +2.6
BBB	comp=Z,5.9nm,0.9s, baz=131,slow=19,SNR=1.6	Sn	Sn	00 03 15.8 +8.8	
BBB	comp=Z,0.1nm,0.3s, baz=301,slow=11,SNR=1.3	Lg	Lg	00 04 36.3	
L40A	Anasosa	14.89 85	P	Pn	00 00 21.0 -2.8
EYMN	Ely	14.94 62	Pn	Pn	00 00 22.6 -1.9
FW14	Alvarado	15.13 128	IAMB	IAMB	00 00 26.1 -1.1
JCT	Junction City	15.22 139	P	Pn	00 00 27.4 -1.0
JCT	Junction City	15.22 139	P	Pmax	00 00 27.4 -1.0
JCT	comp=Z,47nm,1.1s	15.22 139	P	Pn	00 00 34.9 +1.5
JCT	Junction City	15.22 139	P	Pn	00 00 28.8 +0.4
WHTX	Lake Whitney,	15.28 129	Pn	IAMB	00 00 29.5 +0.4
WHTX	WHTX	15.28 129	Pn	IAMB	00 00 34.1
WHTX	Lake Whitney,	15.28 129	P	Pn	00 00 29.8 +0.7
WHTX	Lake Whitney,	15.28 129	P	Pn	00 00 29.4 +0.4
N41A	Harden Midland	15.42 90	P	Pn	00 00 28.2 -2.7
G40A	Rib Lake	15.45 73	P	Pn	00 00 27.4 -3.9
MGMO	Mountain Grove	15.60 104	Pn	Pn	00 00 32.3 -1.0
CCM	Cathedral Cave	15.97 100	Pn	IAMB	00 00 37.9 -0.1
CCM	Cathedral Cave	15.97 100	Pmax	Pmax	00 00 37.9 -0.1
MIAR	Mount Ida	16.03 114	Pn	Pn	00 00 38.8 0.0
MIAR	Mount Ida	16.03 114	P	Pmax	00 00 38.8 0.0
MIAR	comp=Z,34nm,1.2s	16.03 114	P	Pn	00 00 39.2 +0.4
MIAR	Mount Ida	16.03 114	P	Pn	00 00 36.4 -2.4
L42A	Oliver, Polo	16.04 85	P	Pn	00 00 36.7 -2.2
435B	Jarrell	16.12 133	Pn	Pn	00 00 39.8 -0.2
FCAR	Ozark Folk Cen	16.30 108	P	Pn	00 00 41.3 -1.0
HPIG		16.30 162	Pn	Pn	00 00 42.2 -0.4

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like Yellowknife Ar, Yellowknife Ar, YKA, Y48A, 146A, P49A, P49A, P49A, N49A, R49A, R49A, R49A, O49A, O49A, AAM, AAM, AAM, Z47A, U48A, U48A, X48A, 346A, R33M, Q32M, S32K, S32K, R50A, R50A, M50A, M50A, M50A, T50A, T50A, K50A, K50A, Z1G, ACSO, ACSO, ACSO, R32K, Y49A, LRLAL, LRLAL, LRLAL, Q51A, Q51A, TGTN, W50A, W50A, W50A, P51A, P51A, FPAL, FPAL, N51A, N51A, S51A, S51A, P32M, P32M, V51A, P33M, X51A, X51A, P52A, O52A, O52A, Q52A, Q52A, TKL, TKL, TKL, TKL, V52A, 250A, Z51A, W52A, O53A, O53A, N32M, N32M, N32M.

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like Whipple, P53A, M53A, M53A, N53A, N53A, WHY, Y52A, Y52A, ALLY, ALLY, ERPA, V53A, V53A, V53A, 152A, MMPY, O54A, O54A, SADO, SADO, Q54A, Q54A, CASEE, S54A, S54A, U54A, U54A, P30M, P29M, O30M, FARO, GOGA, GOGA, GOGA, GOGA, MCWV, MCWV, MCWV, N31M, M31M, R55A, R55A, HYT, M55A, M55A, V55A, V55A, PSDB, BLA, BLA, VLD0, VLD0, KMCS, Q56A, Q56A, Q56A, U56A, U56A, L56A, L56A, JSC, M30M, M30M, M30M, SSFA, SSFA, HAW, S57A, S57A, T57A, T57A, 255A, P57A, P57A, M57A, M57A, W57A, W57A, M29M, M29M, M29M, K57A, K57A, Y57A, Y57A, J57A, J57A, V58A, V58A, V58A.

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like V58A, L29M, L29M, WCNV, WCNV, PAGES, PAGES, BINY, BINY, K29M, K29M, CBN, CBN, J30M, J30M, Y58A, Y58A, Y58A, J58A, J58A, J58A, MVL, MVL, TRQ, TRQ, TRQ, LONY, LONY, H31M, H31M, L59A, L59A, L59A, I30M, M27K, M27K, DAWY, DAWY, DAWY, WUPA, WUPA, BCAR, L27K, M26K, M26K, FRNY, FRNY, TLIG, TLIG, TLIG, ODNJ, ODNJ, I29M, G31M, G31M, N25K, N25K, EPYK, EPYK, EPYK, K27K, K27K, K27K, I28M, I28M, I28M, INK, INK, INK, INK, G29M, G29M, SCRJ, SCRJ, SCRJ, H27K, H27K, LMQ, F28M, F28M, E29M, E29M, TEIG, TEIG, E62A, E62A, E62A, IL31, IL31, IL31, IL31, IL31, E28M, E28M, G26K, G26K, PKME, PKME, PKME, E27K, E27K, COLA, COLA, COLA, COLA, IL31, IL31, F24K, F24K, G23K, G23K, I21K, I21K, BATG, BATG.







Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like PHWY Pilot Hill, NVAR Mena Array, YBH Yreka Blue Hour, etc.

IDC 03 00:19:42.6:1.5, 42.59N:111.58W, h0km, mbmp3.3/3, ML3.4/2, Error ellipse: s-maj=28.4km s-min=6.6km

NEIC 03 00:19:45.3:0.5, 42.62N:111.45W:0.03, h4km, 4km, ML3.5/34, ML3.6/16(USS), Error ellipse: s-maj=4.1km s-min=0.9km az=138.0

USSS 03 00:19:45.6:2.0, 42.63N:111.44W:0.04, h9km, 8km, Error ellipse: s-maj=4.4km s-min=2.7km az=116.0

ISC 03 00:19:45.7:0.8, 42.61N:111.44W:0.04, h9km, n32, n18/33, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like AHID Auburn Hatcher, MLJ Malad Range, NPI North Pocatell, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like JKT Matsushiro Arr, MJAR Mear Canyon, ASAJ Asahikawa, etc.

USSS 03 00:24:29.7:0.7, 42.62N:111.44W:0.02, h6km, 1km, Error ellipse: s-maj=3.8km s-min=2.9km az=138.0

NEIC 03 00:24:29.3:0.8, 42.61N:111.42W:0.03, h10km, 2km, ML3.1/22, ML2.8/4(USS), Error ellipse: s-maj=4.3km s-min=3.0km az=116.0, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like BEI Bear River Ran, L17A Black Mountain, etc.

USSS 03 00:25:00.8:1.8, 42.66N:111.48W:0.03, h6km, 1km, Error ellipse: s-maj=4.0km s-min=2.9km az=284.0

NEIC 03 00:25:00.6:1.2, 42.63N:111.47W:0.04, h13km, 11km, ML3.4/54, ML3.7/12(USS), Error ellipse: s-maj=4.0km s-min=1.2km az=82.0, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like AHID Auburn Hatcher, L17A Black Mountain, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like BSUT Blindstream Ca, BCYI Bear Canyon, etc.

IDC 03 00:26:37.5:1.6, 0.66N:80.09W, h0km, mb3.6/4, mbmp3.7/5, ML2.4/1, Error ellipse: s-maj=47.5km s-min=30.2km az=87.0

IGQ 03 00:26:40.0:7.1, N4.4x8.0W, h10km, VAO 03 00:26:44.6:1.8, 0.35N:80.05W, h10km, mb3.9

ISC 03 00:26:39.4:1.8, 0.66N:80.04:80.16W:0.05, h2km, 11km, n104, n176/109, mb3.8/3, Near coast of Ecuador

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like AM1 Acelerografo, AES2 Ecuador-Puerto, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Op, h, m, s, ISC, Time, Res. Includes stations like BSUT Blindstream Ca, YNR Norris Junctio, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, h, m, s, ISC, Time, Res. Includes stations like 435B Jarrell, FCAR Ozark Folk Cen, SLM Saint Louis, etc.

3d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, h, m, s, ISC, Time, Res. Includes stations like DLMR 76nm,0.2s, KMKR Kumukh, BTLR Botlikh, etc.

3d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ELMT, BVMT, BPVU, SPR3, etc.

NEIC 03.01.02:37.3e1.4, 42.60N, 0.03:111.47W, 0.06, h10km, 2km, ML3.5/60, ML3.4/4(UUSS), Error ellipse: s-maj=7.7km s-min=3.2km az=297.0

IDC 03.01.02:41.3e1.0, 42.90N, 111.89W, h0km, mbtp3.5/5, ML2.7/5, Error ellipse: s-maj=17.1km s-min=5.5km az=167.0

ISC 03.01.02:38.2e1.6, 42.61N, 0.03:111.49W, 0.04, h9km, n43, #0589/41, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AHID, MLI, HDU, NPI, REDW, etc.

NEIC 03.01.07:11.8e1.2, 34.36S, 0.03:67.4W, 0.2, h217km, 16km, mb4.0/2, ML4.0(GUC), Error ellipse: s-maj=20.2km s-min=2.2km az=99.0

SJA 03.01.07:11.3e0.7, 24.29S, 67.27W, h197km, 5km, ML3.6, MW3.7

IDC 03.01.07:13.4e1.5, 23.94S, 66.99W, h173km, 17km, mb3.3/1, mbtp3.9/6, Error ellipse: s-maj=28.4km s-min=20.0km

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AF01, HJA, AZAP, etc.

ISC 03.01.07:14.1e0.7, 24.24S, 67.63W, h213km, 6km, ML4.1, VAO 03.01.07:16.5e0.5, 23.81S, 67.06W, h179km, 5km, mb3.9

ISC 03.01.07:12.2e0.7, 24.27S, 0.04:67.35W, 0.04, h192km, 7km, n99, #153/130, 7C-3D, Chile-Argentina border region

ISC 03.01.07:13.4e1.5, 23.94S, 66.99W, h173km, 17km, mb3.3/1, mbtp3.9/6, Error ellipse: s-maj=28.4km s-min=20.0km

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AF01, HJA, AZAP, LVC, etc.

LDASE Londrina, Braz 14.88 90 eP P 01 10 36.0 +1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SAML, PDRB, FRFB, etc.

NEIC 03.01.16:46.0e1.3, 42.64N, 0.03:111.43W, 0.06, h10km, 2km, ML3.1/82, ML3.3/15(UUSS), Error ellipse: s-maj=7.5km s-min=3.4km az=295.0

UUSS 03.01.16:46.2e1.6, 42.67N, 0.02:111.49W, 0.06, h9km, 6km, Error ellipse: s-maj=6.2km s-min=2.6km az=110.0, Eastern Idaho

ISC 03.01.16:46.0e1.3, 42.64N, 0.03:111.43W, 0.06, h10km, 2km, ML3.1/82, ML3.3/15(UUSS), Error ellipse: s-maj=7.5km s-min=3.4km az=295.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AHID, BEI, L17A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPR3 Spring Creek 3, MSO Missoula, etc.

IDC 03 01:17:47.61.8, 4.84S:131.06E, h0km, mb3.5/1, mbtmp3.4/4, ML3.4/3, MS3.6/1, Error ellipse: s-maj=90.2km s-min=20.1km az=87.0, Base Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJUI Sorong, WRA Warramunga Arr, etc.

IDC 03 01:22:30.2.6.1, 5.94N:126.94E, h91km, 46km, mb3.3/3, mbtmp3.6/3, MS2.5/1, Error ellipse: s-maj=142.4km s-min=19.4km az=62.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV Davao City (W), WRA Warramunga Arr, etc.

NOU 03 01:27:11.0, 37.60S:176.55E, h218km, MLV3.6/10, North Island, New Zealand

WEL 03 01:27:14.9, 1.0, 37.6S:177.7E, h177km, 9km, M3.2/24, ML2.8/8, MLV3.2/24, Error ellipse: s-maj=0.0km s-min=0.0km az=32.6, confirmed

ISC 03 01:27:07.9, 2.1, 37.55S:108.176, 61E:0.08, h234km, 1.3km, n94, c295/99, North Island

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including URZ Urewera, RUGZ Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMWZ Te Maipa, MTW Mount Morrison, etc.

IDC 03 01:30:18.5, 1.5, 42.62N:111.43W, h0km, mbtmp2.9/3, ML2.9/3, Error ellipse: s-maj=28.3km s-min=7.4km az=159.0

NEIC 03 01:30:19.3, 1.0, 42.66N:0.02:111.45W:0.03, h15km, 9km, ML2.7/36, ML2.8/12(UOISS), Error ellipse: s-maj=4.0km s-min=2.2km az=125.0

UOSS 03 01:30:19.8, 1.2, 42.67N:0.02:111.50W:0.03, h6km, 2km, Error ellipse: s-maj=3.8km s-min=2.9km az=310.0

ISC 03 01:30:19.0, 1.2, 42.67N:0.03:111.49W:0.04, h4km, 1.3km, n38, c971/43, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, L717A Cokeville, etc.

UOSS 03 01:38:14.9, 2.2, 42.61N:0.00:111.45W:0.03, h8km, 8km, Error ellipse: s-maj=3.2km s-min=0.5km az=87.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, BEI Bear River Ran, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWUT Hardware Ranch, FKWY Fox Creek, etc.

NEIC 03 01:38:13.1, 9.2, 42.66N:0.03:111.41W:0.05, h10km, 2km, ML2.8/68, ML2.9/15(UOISS), Error ellipse: s-maj=6.7km s-min=3.2km az=121.0

UOSS 03 01:38:14.9, 2.2, 42.61N:0.00:111.45W:0.03, h8km, 8km, Error ellipse: s-maj=3.2km s-min=0.5km az=87.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, BEI Bear River Ran, etc.



comp=Z,100nm,4.5s									
LZH Lanzhou	44.14 308	eP	P	02 10 43.3	0.0				
LZH Lanzhou		sP	P	02 10 49.8	+4.7				
LZH Lanzhou		pP	P						
LZH Lanzhou		pmax	P						
MSVF Nonsavu	44.19 135	P	P	02 10 45.0	+1.2				
comp=Z,4.5nm,0.9s,baz=52,slow=19,SNR=2.0									
MSVF		LR		02 26 59.9					
comp=Z,106nm,18.1s,baz=213,slow=33									
SHEM Shemya Is, Ala	44.39 24	LR	LR	02 27 17.5					
comp=Z,4.5nm,0.9s,baz=219,slow=34									
MA2 Magadan	45.61 3	P	P	02 10 51.9	-2.6				
MA2 Magadan	45.61 3	P	P	02 10 53.8	-0.6				
comp=Z,2.3nm,0.9s,baz=165,slow=4.8,SNR=7.7									
MA2		LR		02 30 37.6					
comp=Z,7.1nm,19.1s,baz=141,slow=37									
STKA Stephens Creek	45.86 186	P	P	02 10 55.8	-1.0				
STKA Stephens Creek	45.86 186	P	P	02 10 56.3	-0.5				
comp=Z,5.3nm,1.0s,baz=20,slow=8.7,SNR=3.6									
CMAR Chiang Mai Arr	45.93 282	P	P	02 10 56.1	-1.5				
CMAR Chiang Mai Arr	45.93 282	P	P	02 10 56.8	-0.8				
comp=Z,1.9nm,0.3s,baz=82,slow=6.0,SNR=12									
CMAR		LR	LR	02 29 42.2					
comp=Z,7.7nm,19.9s,baz=29,slow=36									
TNCH TengChong	46.47 291	eP	P	02 11 02.6	+0.6				
ULN Ulanbaatar	47.06 324	P	IAMB	02 11 04.6	-1.7				
ULN		IAMB	IAMB	02 11 10.2					
comp=Z,1.2nm,0.8s									
SONM Songino Array	47.42 324	P	IAMB	02 11 07.4	-1.7				
SONM		IAMB	IAMB	02 11 13.5					
comp=Z,8.6nm,1.0s									
SONM Songino Array	47.42 324	P	P	02 11 08.3	-0.8				
comp=Z,7.2nm,0.9s,baz=137,slow=9.8,SNR=17									
GTA Gaotai	48.22 311	eP	P	02 11 15.2	-0.2				
GTA		pP	P	02 11 19.3	+2.6				
GTA		pmax	P						
comp=Z,7.0nm,1.0s									
GTA		LR	LR						
comp=Z,6.6nm,14.3s									
GTA		LR	LR						
comp=Z,110nm,14.3s									
GTA		LR	LR						
comp=Z,200nm,15.1s									
SEY Seymchan	49.05 3	P	P	02 11 20.9	-0.3				
comp=Z,1.2nm,1.0s,baz=176,slow=6.3,SNR=12									
AFI Afiamalu	49.62 122	LR	LR	02 30 18.7					
comp=Z,1.2nm,1.0s									
S12K Black Hills	57.20 32	P	P	02 12 21.9	+0.5				
comp=Z,1.17nm,18.2s,baz=25,slow=34									
WMQ Urumqi	58.13 313	eP	sP	02 12 28.9	+0.6				
WMQ		sP	sP	02 12 36.1	+6.0				
WMQ		pmax	pmax						
comp=Z,9.0nm,0.7s									
TIXI Tiksi	58.63 353	LR	LR	02 40 48.2					
comp=Z,30nm,18.9s,baz=181,slow=39									
S14K Fog Glacier	58.73 32	P	P	02 12 33.5	+1.3				
comp=Z,246									
K13K Kusilvak Mount	59.02 24	P	P	02 12 35.7	+1.7				
comp=Z,238									
CHGN Chignik	59.32 32	P	P	02 12 38.5	+2.3				
comp=Z,248									
O15K Ungalikthiuk R	59.80 29	P	P	02 12 41.1	+1.6				
comp=Z,245									
Q18K Katmai Hardscr	61.89 30	P	P	02 12 53.9	+0.1				
comp=Z,250									
K17K Iditarod	62.00 25	P	P	02 12 56.5	+2.1				
comp=Z,244									
C16K Lisburne Hills	62.31 18	P	P	02 12 56.9	+0.6				
comp=Z,235									
ZAAO Zalesovo Array	62.32 324	P	IAMB	02 12 55.8	-0.9				
ZAAO		IAMB	IAMB	02 12 57.2					
comp=Z,1.1nm,1.0s									
ZALV Zalesovo Beam	62.32 324	P	P	02 12 55.3	-1.4				
ZALV Zalesovo Beam	62.32 324	P	P	02 12 55.8	-0.9				
comp=Z,6.6nm,0.7s,baz=100,slow=6.2,SNR=24									
MK31 Makanchi Array	62.42 316	P	IAMB	02 12 57.2	-0.3				
MK31		IAMB	IAMB	02 12 58.1					
comp=Z,6.6nm,1.1s									
MKAR Makanchi Array	62.42 316	P	LR	02 12 57.0	-0.6				
comp=Z,5.0nm,0.8s,baz=96,slow=8.7,SNR=29									
MKAR		LR	LR	02 41 46.4					
comp=Z,82nm,18.1s,baz=111,slow=38									
MAK2 Makanchi	62.63 316	P	IAMB	02 12 57.7	-1.3				
MAK2		IAMB	IAMB	02 12 59.6					
comp=Z,12nm,1.1s									
F17K Baldwin Pennin	62.64 21	P	P	02 12 59.2	+0.7				
comp=Z,240									
D17K Noatak River	62.69 19	P	P	02 12 59.8	+0.9				
comp=Z,1.1nm,0.9s,baz=330,slow=6.5,SNR=4.3									
KDAK Kodiak Island	62.82 32	P	P	02 13 00.1	+0.2				
comp=Z,1.1nm,0.9s									
H18K Honha River	63.06 23	P	P	02 13 01.8	+0.3				
comp=Z,243									
RAR Rarotonga	63.16 123	LR	LR	02 37 24.0					
comp=Z,64nm,18.9s,baz=261,slow=33									
G18K Tagawik	63.29 22	P	P	02 13 03.7	+0.7				
comp=Z,242									
E18K Tukpahleark C	63.35 20	P	P	02 13 04.6	+1.3				
comp=Z,240,SNR=5.1									
J19K Poorman	63.63 25	P	P	02 13 06.3	+1.0				
comp=Z,246									
C18K Utukok River	63.75 19	P	P	02 13 07.0	+0.7				
comp=Z,239									
H19K Roundabout Mou	63.95 23	P	P	02 13 08.5	+1.2				
comp=Z,244									
G19K Purcell Mounta	63.98 22	P	P	02 13 08.0	+0.5				
comp=Z,244									
K20K Telida	64.02 26	IAMB	IAMB	02 13 33.6					
comp=Z,6.3nm,0.9s									
K20K Telida	64.02 26	P	P	02 13 09.4	+1.5				
comp=Z,248									
F19K Shaleruckik Mo	64.04 21	P	P	02 13 09.5	+0.6				
comp=Z,248									
J20K Novinta River	64.30 25	P	P	02 13 08.0	-1.6				
comp=Z,240,SNR=5.9									
E19K Redstone River	64.51 21	P	P	02 13 11.5	+0.5				
comp=Z,243,SNR=5.9									
C19K Lookout Ridge	64.53 19	P	P	02 13 12.2	+1.1				
comp=Z,240									
H20K Anotleneega Mo	64.53 23	P	P	02 13 12.1	+1.0				
comp=Z,246									
D19K Kuna River	64.70 20	P	P	02 13 12.9	+0.7				
comp=Z,246									
F20K Avaraart Lake	64.86 21	P	P	02 13 14.4	+1.1				
comp=Z,245									
CAST Castle Rocks	64.88 26	IAMB	IAMB	02 13 28.6					
comp=Z,7nm,1.0s									
CAST Castle Rocks	64.88 26	P	P	02 13 14.0	+0.5				
comp=Z,250									
CHUM Lake Minchumin	64.95 25	P	P	02 13 15.4	+1.5				
comp=Z,250									
PAUK Pallekele	65.00 272	LR	LR	02 40 31.9					
comp=Z,25nm,19.3s,baz=188,slow=35									
IMAR Indian Mountai	65.15 23	P	P	02 13 14.4	-0.8				
comp=Z,240,SNR=7.6									
E20K Nigu River	65.23 20	P	P	02 13 16.3	+0.6				
comp=Z,244,SNR=7.6									
D20K Etiluk River	65.29 20	P	P	02 13 16.6	+0.5				
comp=Z,243,SNR=5.8									
H21K Melozitna Rive	65.39 23	P	P	02 13 18.0	+1.3				
comp=Z,243,SNR=5.1									
KURBK Kurchatov	65.40 320	P	P	02 13 16.0	-1.0				
comp=Z,14nm,0.7s,baz=99,slow=6.8,SNR=93									
KURBB Kurchatov Arr	65.45 319	P	P	02 13 16.8	-0.6				
comp=Z,14nm,0.7s									
I21K Tanana	65.54 24	IAMB	IAMB	02 13 29.9					
comp=Z,6.8nm,1.1s									
BPAW Bear Paw Mtn.	65.57 25	IAMB	IAMB	02 13 24.6					
comp=Z,14nm,1.4s									
BPAW Bear Paw Mtn.	65.57 25	P	P	02 13 18.7	+0.8				
comp=Z,251									
TRF Thorofare Moun	65.66 26	P	P	02 13 19.1	+0.4				
comp=Z,252									



Table with columns: PRK, Paraskevi, 0.35 150, P, Sg, 02 13 47.3 +0.4, 02 13 51.9 +0.3, etc. Includes stations like BAYC, ECEA, AYVA, CNKL, LESV, EAG3, COMU, RFT2, GOKA, GADA, LIA, LIA, LIA, LIA, BUHA, DKL, EFGA, EFGA, GELI, GELI, KARB, KARB, KARB, LPK, ZEDA, SMTH, SMTH, SMTH, EAG2, EAG2, RFT5, RFT5, PSRA, CAVK, CHOS, CHOS, CHOS, ERIK, ENEZ, ENEZ, ENEZ, ENEZ, URLA, URLA, URLA, KRLB, KRLB, STEP, SKY, SKY, SKY, ALN, ALN, ALN, ALN, ALN, GONE, GONE, GONE, BLCB, BLCB, BLCB, BALB, BALB, RKY, THAS, THAS, THAS, EDC, EDC, UKOP, RDO, RDO, RDO, RDO, KYMI, KYMI, KYMI, KYMI, KAVA, PAIG, PAIG, PAIG, KVLA, SMG, SMG, SMG, IKRA, IKRA, IKRA.

Table with columns: KOKK, KOKK, KOKK, NEO, NEO, NEO, DION, DION, DION, DION, DION, XOR, XOR, XOR, PTL, KULA, EDRE, ATHU, SOH, SRS, SRS, SRS, SRS, VLY, VLY, VLY, NVR, NVR, NVR, HORT, HORT, HORT, HORT, ATAL, ATAL, ATAL, APE, APE, APE, VIL2, VIL2, VIL2, BODT, AXAR, AXAR, AXAR, LOUT, KOSK, AGG, YER, YER, YER, EPID, DA, MAKR, MAKR, MAKR, THL, THL, THL, KRND, THR3, WAY, KALE, KALE, KALE, KALE, KLV, LAKA, LAKA, LAKA, STIP, ARS, VIT, FNA, NEST, RAZG, KTHA, ICOR, TIRP, ANTO, BOVS, TPRG, CFR, ARR, VOIR, MLR, LOT, ODBI, COVR, PLOR, GZR, VRI, PANC, MDB, EBS, TESR, CJR, BIZ, SIRR, DRGR, BURAR, BMR, KOLS, VYHS, NEIC 03 02:14.13.2.1.7, 42.866N, 0.02x11.41W, 0.06, h10km, 2km, ML3.3/48, Error ellipse: s-maj=7.6km s-min=3.1km az=288.0, Eastern Idaho.

Table with columns: HVU, BW06, PD31, PD31, TCUT, SPUT, SPUT, YPP, YPP, YPP, YFT, YFT, YFT, CTU, CTU, CTU, LWKY, LWKY, BGU, BGU, BGU, YNR, YNR, BCIY, HLID, HLID, HLID, RDMU, RDMU, RDMU, MPU, MPU, MPU, DUG, DUG, DUG, NLU, NLU, NLU, P18A, P18A, P18A, TMUT, O20A, SRU, SPMT, SPR3, MTPU, IDC 03 02:16.03.5.0.8, 42.55N, 1.11.50W, h0km, mbmtp3.3/4, ML3.2/3, Error ellipse: s-maj=12.1km s-min=6.3km az=164.0, UUSS 03 02:16.05.0.1.9, 42.63N, 0.02x11.47W, 0.02, h2km, 5km, Error ellipse: s-maj=3.3km s-min=1.1km az=130.0, NEIC 03 02:16.04.4.1.9, 42.87N, 0.01x11.50W, 0.02, h10km, 2km, ML3.2/58, ML3.5/15(UUSS), Error ellipse: s-maj=3.1km s-min=3.0km az=52.0, ISC 03 02:16.04.6.0.8, 42.66N, 0.02x11.49W, 0.03, h9km, n47, 0573/49, Eastern Idaho.

Table with columns: MFID, comp, E, h, m, s, IAML, Time, Res. Rows include various station identifiers like RWWY, ELK, ELK, ELK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, h, m, s, Res. Rows include stations like Auburn Hatcher, BEI, L17A, etc.

Table with columns: K22A, Casper, baz, SNR, P, Pn, Pp, S, Sb. Rows include stations like K22A, ELMT, BPMT, etc.

IDC 03 02:27.51.1, 0.7, 3.03S, 129.39E, h0km, mb3.9/10, mbtmp4.0/14, ML4.5/3, MS3.1/6, Error ellipse:

s-maj=27.9km s-min=11.7km az=79.0 DJA 03 02:27.56.9, 0.2, 3.3, 3.12, 9E, h83km, 7m, M4.5/15, m5.1/6, mb4.6/12, ML4.5/15, Mw(mB)4.4/6

ISC 03 02:27.55.7, 0.6, 2.94S, 0.05, 129.31E, 0.05, h28km, n41, r157/43, mb3.9/10, MSZ, 9.1, Seram1

Main table with columns: Code, Station Name, Az, Az2, Op, ISC, Time, Res. Rows include stations like BNDI, BNDI, BNDI, etc.

Main table with columns: Code, Station Name, Az, Az2, Op, ISC, Time, Res. Rows include stations like HVU, HVU, HVU, etc.

Main table with columns: K22A, Casper, baz, SNR, P, Pn, Pp, S, Sb. Rows include stations like K22A, ELMT, BPMT, etc.

IDC 03 02:29.23.9, 0.4, 42.59N, 111.40W, h0km, mb3.8/10, mbtmp3.8/18, ML3.3/8, MS3.7/31, Error ellipse:

UOSS=9.9km s-min=4.6km az=160.0 UOSS 03 02:29.23.2, 3.2, 42.63N, 0.03, 111.48W, 0.05, h-3km, 2km, Error ellipse: s-maj=6.3km s-min=2.4km az=130.0

NEIC 03 02:29.23.2, 3.2, 42.64N, 0.02, 111.48W, 0.04, h10km, 2km, mb4.1/24, ML4.3/94, ML4.4/17(USS), Error ellipse:

s-maj=6.2km s-min=3.0km az=309.0 GCMT 03 02:29.27.3, 0.3, 42.91N, 0.04, 111.33W, 0.03, h16km, 1km, MW4.8/85, Moment Tensor Solution. s18,c19; 8.85,c112; Duration: 0 Moment tensor. Scale 10^16Nm; Mr: 1.46e-10; Mw: 0.15e-06; Mo: 1.31e-07; Mo1: 0.4e-28; Mo: 0.16e-20; Mw: 0.34e-20; Best double couple: Mo: 1.71300e-10; NP1: 216.00000, 861.00000, -lambda-64.00000. NP2:

comp=E, 983nm, 2.1s

comp=E, 983nm, 2.1s



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ALPN Alpine, TXAR Lajitas Array, TXAR bazz=333,slow=28,SNR=2.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, GEYT Allibec, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SRU San Rafael Swe, SRU comp=E,1.7nm,0.6s, ELMT Elliston, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISK 03 02:54:58.3,956N:26:05E, h8km, ML1.5/11, Turkey, GPNR Gulpinar-Canak, etc.

PDG 03 02:54:57.7±0.1, 45.36N:18:39E, h3km, ML3.4/10, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A052A Srbac, A052A Doboj, DOB Doboj, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A051A Mrakovica, A051A Mrakovica, MRK Mrakovica, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALK Pallekele, PALK 1.0nm,0.3s,baz=194,slow=12,SNR=5.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), P18A Preston Tutter, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like A254A Petrova Gora, A254A Petrova Gora, A254A Petrova Gora, etc.

RUDO		eSn	Sn	02 55 55.6 +0.3
KJUV	Kijevo	1.90 226 ePn	Pn	02 55 32.7 +0.6
KJUV	Kijevo	1.90 226 Pn	Pn	02 55 32.7 +0.6
PLIT	Plitvice	1.95 257 ePn	Pn	02 55 33.5 +0.6
PLIT	Plitvice	1.95 257 Pn	Pn	02 55 33.5 +0.6
AMBH	Ambrfalva	1.97 58 Pn	Pn	02 55 32.3 -0.8
comp=Z,30nm,SNR=17				
AMBH		Pg	Pb	02 55 37.8 +2.0
AMBH		Lg	Lg	02 56 05.1
UDBI	Udbina	1.98 247 ePn	Pn	02 55 33.9 +0.7
UDBI	Udbina	1.98 247 Pn	Pn	02 55 33.9 +0.7
OZLJ	Ozalj	2.02 279 /iPn	Pn	02 55 33.8 +0.1
OZLJ	Ozalj	2.02 279 Pn	Pn	02 55 33.8 +0.1
RICI	Ricice	2.02 205 ePn	Pn	02 55 34.6 +0.8
RICI	Ricice	2.02 205 Pn	Pn	02 55 34.6 +0.8
CSKK	Cskako	2.03 359 Pn	Pn	02 55 34.0 +0.1
comp=Z,532nm,SNR=21				
CSKK		Pg	Pg	02 55 39.2 +0.1
CSKK		Pg	Pg	02 55 39.6 +0.5
PLE	Piljevija	2.15 158 /iPn	Pn	02 55 35.5 -0.2
PLE	Piljevija	2.15 158 Pn	Pn	02 55 35.5 -0.2
BOJS	Bojanci	2.16 276 /iSn	Sb	02 56 05.3 -0.1
BOJS	Bojanci	2.16 276 eSn	Sb	02 55 35.9 +0.9
EGYH	Egyhazaskeszto	2.19 342 Pn	Pn	02 55 36.9 +0.1
comp=Z,74nm,SNR=13				
EGYH		Pg	Pb	02 55 39.6 +0.1
EGYH		Lg	Lg	02 55 44.1
IVAS	Ivanjica	2.20 142 ePn	Pn	02 55 35.4 -0.9
IVAS	Ivanjica	2.20 142 eSn	Pn	02 56 02.4 -0.9
BUD	Budapest	2.21 13 Pn	Pn	02 55 36.1 -0.2
comp=Z,72nm,SNR=30				
BUD		Pg	Pg	02 55 42.6 +0.1
BUD		Pg	Pg	02 55 43.1 +0.7
BUD		Lg	Lg	02 56 12.1
GRUS	Gruza	2.25 129 ePn	Pn	02 55 36.4 -0.5
GRUS	Gruza	2.25 129 eSg	Pn	02 56 10.3 +2.1
SVIS	Svilajnac	2.33 116 ePn	Pn	02 55 37.7 -0.3
SVIS	Svilajnac	2.33 116 eSn	Pn	02 55 37.9 +1.1
BZS	Buzias	2.35 82 /iPn	Pb	02 55 44.0 +1.8
BZS	Buzias	2.35 82 Pn	Pb	02 55 37.4 -0.9
comp=Z,40nm,SNR=25				
BZS		Pg	Pb	02 55 42.8 +0.6
BZS		Pg	Pg	02 55 44.0 +1.2
BZS		Lg	Lg	02 56 16.0
MORI	Morici	2.37 233 ePn	Pn	02 55 39.8 +1.3
MORI	Morici	2.37 233 Pn	Pn	02 55 39.8 +1.3
BSZH	Besenyszg	2.39 34 /iPn	Pg	02 55 46.8 +0.9
BSZH	Besenyszg	2.39 34 Pg	Pg	02 55 46.8 +0.9
comp=Z,22nm,SNR=1.3				
BSZH		Pg	Pb	02 55 47.1 +4.2
SJES	Sjenica	2.39 149 ePn	Pn	02 55 39.3 +0.3
SJES	Sjenica	2.39 149 eSn	Pn	02 56 08.4 +0.2
SJES	Sjenica	2.39 149 /iPn	Pn	02 56 08.6 +0.4
SJES	Sjenica	2.39 149 eSn	Pn	02 56 08.6 +0.4
BRY	Bratogost	2.44 176 ePn	Pn	02 55 39.9 +0.3
BRY	Bratogost	2.44 176 /iSn	Pn	02 56 12.7 -1.1
SRO	Srobarova	2.48 0 Pn	Pn	02 55 41.3 +1.2
comp=Z,100nm,SNR=8.0				
SRO		Pg	Pb	02 55 44.1 -0.3
SRO		Lg	Lg	02 56 22.4
SRO	Srobarova	2.48 0 ePn	Pn	02 55 41.2 +1.2
SRO	Srobarova	2.48 0 ePn	Pn	02 55 48.9 +1.2
STON	Ston	2.50 190 ePn	Pn	02 55 41.4 +1.0
STON	Ston	2.50 190 eSn	Pn	02 55 40.8 +0.5
STON	Ston	2.50 190 eSn	Pn	02 56 12.2 +1.6
STON	Ston	2.50 190 Pn	Pn	02 55 41.4 +1.0
SIRR	Siria	2.53 67 /iPn	Pb	02 55 46.8 +1.6
SIRR	Siria	2.53 67 Pn	Pb	02 55 39.6 -1.1
comp=Z,24nm,SNR=23				
SIRR		Pg	Pb	02 55 46.9 +1.6
SIRR		Pg	Pg	02 55 47.4 -1.2
HVAR	Hvar	2.54 212 ePn	Pn	02 55 42.5 +1.7
HVAR	Hvar	2.54 212 Pn	Pn	02 55 42.5 +1.7
VIRC	Vir	2.54 247 ePn	Pn	02 55 41.9 +1.1
VIRC	Vir	2.54 247 Pn	Pn	02 55 41.9 +1.1
ZIRJ	Zirje	2.54 230 ePn	Pn	02 55 42.1 +1.3
ZIRJ	Zirje	2.54 230 Pn	Pn	02 55 42.1 +1.3
NVLJ	Novajia	2.56 254 ePn	Pn	02 55 42.1 +1.0
NVLJ	Novajia	2.56 254 ePn	Pn	02 55 42.1 +1.0
HUBS	Kucevo	2.57 110 ePn	Pn	02 55 39.7 +1.7
KUBS		eSn	Sn	02 56 10.3 -2.0
NKME	Niksic	2.61 169 /iPn	Sb	02 55 42.1 +0.2
NKME	Niksic	2.61 169 /iSn	Sb	02 56 16.6 -2.0
TREB	Trebinje	2.62 179 ePn	Pn	02 55 42.8 +0.8
TREB	Trebinje	2.62 179 ePn	Pn	02 55 41.3 +0.8
TREB	Trebinje	2.62 179 eSn	Pn	02 55 42.7 +0.9
TREB	Trebinje	2.62 179 eSn	Pn	02 56 15.1 +1.6
SOP	Sopron	2.64 333 Pn	Pn	02 55 42.7 +0.4
comp=Z,14nm,SNR=5.0				
SOP		Lg	Lg	02 56 26.8
SOKA	Soboth	2.65 302 ePn	Pn	02 55 42.1 -0.4
comp=Z,1.1nm,0.1s				
SOKA		eSn	Sn	02 56 14.5 +0.2
comp=Z,8.6nm,0.4s				
SOKA		Pn	Pn	02 55 42.1 -0.4
comp=Z,1.1nm,0.1s				
SOKA		Sn	Sn	02 56 14.5 +0.2
comp=Z,8.6nm,0.4s				
DBRK	Dubrovnik	2.67 182 ePn	Pn	02 55 43.8 +1.1
DBRK	Dubrovnik	2.67 182 Pn	Pn	02 55 43.8 +1.1
DUGI	Dugi Otok	2.68 241 ePn	Pn	02 55 44.5 +1.7
DUGI	Dugi Otok	2.68 241 Pn	Pn	02 55 44.5 +1.7
RIY	Rijeka	2.69 271 ePn	Pn	02 55 42.4 -0.7
RIY	Rijeka	2.69 271 Pn	Pn	02 55 42.4 -0.7
IVA	Berane	2.71 155 ePn	Pn	02 55 43.3 -0.1
IVA	Berane	2.71 155 /iSn	Pn	02 55 48.7 +2.6
ARSA	Arzberg	2.72 316 /iPn	Pn	02 55 43.8 +0.4
comp=Z,4.2nm,0.2s,SNR=24				
ARSA		Sn	Sn	02 56 15.6 -0.5
comp=Z,12nm,0.5s				
ARSA	Arzberg	2.72 316 Pn	Pn	02 55 43.8 +0.4
comp=Z,4.2nm,0.2s,SNR=24				
ARSA		Pb	Pb	02 55 44.0 -4.5
comp=Z,11nm,SNR=3.1				
ARSA		Pg	Pg	02 55 45.7 -6.5
ARSA		Pg	Pg	02 56 15.6 -0.5
comp=Z,12nm,0.5s				
RONA	Rosalia, Austr	2.74 330 ePn	Pn	02 55 43.7 0.0
comp=Z,5.4nm,0.3s,SNR=13				
RONA		Sn	Sn	02 56 16.4 -0.3
comp=Z,13nm,0.5s				
RONA	Rosalia, Austr	2.74 330 Pn	Pn	02 55 43.7 0.0
comp=Z,5.4nm,0.3s,SNR=13				
RONA		Sn	Sn	02 56 16.4 -0.3
CEY	Cerknica	2.75 280 ePn	Pn	02 55 45.0 +1.1
CEY	Cerknica	2.75 280 eSn	Pn	02 56 19.6 +2.6
LSTV	Lastovo	2.76 202 ePn	Pn	02 55 45.0 +1.1
LSTV	Lastovo	2.76 202 Pn	Pn	02 55 45.0 +1.1
PSZ	Piszkesteto	2.81 22 /iPn	Pg	02 55 53.3 -0.1
PSZ	Piszkesteto	2.81 22 Pn	Pn	02 55 43.6 -1.0
comp=Z,26nm,SNR=14				
PSZ		Pg	Pg	02 55 53.3 -0.6
PSZ		Pg	Pg	02 55 53.3 -0.1
CEME	Cevo	2.82 171 /iPn	Pg	02 55 45.0 +0.2
CEME	Cevo	2.82 171 /iSn	Pn	02 56 21.6 +2.9
OBKA	Obir	2.87 295 ePn	Pn	02 55 45.8 +0.3
comp=Z,0.9nm,0.3s				
OBKA		Pn	Pn	02 55 46.3 +0.7
OBKA		eSn	Pn	02 56 22.7 +2.8
OBKA		Pn	Pn	02 55 45.8 +0.3
comp=Z,0.9nm,0.3s				
OBKA		Pn	Pb	02 55 46.1 -5.1
comp=Z,12nm,SNR=2.1				
OBKA		Pg	Pg	02 55 55.8 +0.6
HCY	Herceg Novi	2.89 177 /iPn	Pn	02 55 46.1 +0.4
HCY	Herceg Novi	2.89 177 /iSn	Sb	02 56 23.4 -3.2
SELS	Selova	2.92 135 ePn	Pn	02 55 45.7 -0.5
SELS	Selova	2.92 135 eSn	Pn	02 56 20.0 -1.2
HERR	Herculane	2.95 97 /iPn	Pn	02 55 46.2 -0.3
HERR	Herculane	2.95 97 Pn	Pn	02 55 46.2 -0.3
BOVS	Bovan	2.97 124 /iPn	Pn	02 55 46.0 -0.7
BOVS	Bovan	2.97 124 Pn	Pn	02 55 46.1 -0.7
BOVS	Bovan	2.97 124 eSn	Pn	02 56 19.6 -2.6
ZST	Bratislava	2.98 344 Pn	Pn	02 55 47.5 +0.6
comp=Z,118nm,SNR=1.3				
ZST		Pn	Pn	02 55 47.3 +0.4
ZST		eSn	Pn	02 56 21.7 -0.7
PDG	Podgorica	2.98 166 /iPn	Pn	02 55 48.9 +1.9
PDG	Podgorica	2.98 166 Pn	Pn	02 55 47.6 +0.6
PDG	Podgorica	2.98 166 eSn	Pn	02 56 23.9 +1.4

PDG	Podgorica	2.98 166 ePn	Pn	02 55 48.1 +1.1
PDG	Podgorica	2.98 166 eSn	Pn	02 56 22.9 +0.4
PDG	Podgorica	2.98 166 Pn	Pn	02 55 48.9 +1.9
PDG	Podgorica	2.98 166 /iPn	Pn	02 55 47.2 +0.2
PDG	Podgorica	2.98 166 /iSn	Pn	02 56 25.5 +3.0
BORR	Bors	2.99 53 /iPn	Pg	02 55 49.0 -0.5
BORR	Bors	2.99 53 Pn	Pg	02 55 56.9 -0.5
PVY	Plav	2.99 156 ePn	Pn	02 55 47.1 -0.1
PVY	Plav	2.99 156 /iSn	Pn	02 56 25.3 +2.4
BUM	Brajici-Budva	3.06 172 /iPn	Pn	02 55 48.4 +0.2
BUM	Brajici-Budva	3.06 172 /iSn	Pn	02 56 27.5 +2.5
CONA	Conrad Observa	3.09 328 /iPn	Pn	02 55 48.8 +0.2
comp=Z,2.5nm,0.2s,SNR=20				
CONA		eSn	Pn	02 56 27.1 +1.7
CONA	Conrad Observa	3.09 328 Pn	Pn	02 55 48.8 +0.2
comp=Z,2.5nm,0.2s,SNR=20				
CONA		Pb	Pb	02 55 49.0 -5.9
comp=Z,16nm,SNR=7.6				
CONA		Pg	Pg	02 55 51.0 -8.4
CONA		Sn	Sn	02 56 27.1 +1.7
MODS	Modra-Piesok	3.12 347 Pn	Pn	02 55 49.4 +0.5
MODS	Modra-Piesok	3.12 347 ePn	Pn	02 56 26.0 0.0
MODS	Modra-Piesok	3.12 347 eSn	Pn	02 55 49.1 +0.2
MODS	Modra-Piesok	3.12 347 eSn	Pn	02 55 49.3 +0.5
GZR	Gura Zlata	3.15 87 /iPn	Pn	02 55 48.9 -0.5
GZR	Gura Zlata	3.15 87 Pn	Pn	02 55 48.8 -0.5
comp=Z,16nm,SNR=9.6				
GZR		Pg	Pb	02 55 56.3 +0.3
GZR		Sn	Sn	02 55 49.1 +1.1
VYHs	Vyhne	3.18 6 Pn	Pn	02 55 49.8 +0.1
comp=Z,2.9nm,SNR=8.0				
VYHs		Pn	Pg	02 55 53.0 -3.4
VYHs		Pn	Pg	02 56 02.2 +1.1
VYHs		ePn	Pn	02 55 49.8 +0.1
VYHs		ePn	Pn	02 56 01.9 -0.7
ZAGS	Zajecar	3.19 117 ePn	Pn	02 55 49.1 -0.8
ZAGS	Zajecar	3.19 117 eSn	Pn	02 56 24.3 -3.4
DRME	Dracevica, Mon	3.21 168 ePn	Pn	02 55 50.9 +0.8
DRME	Dracevica, Mon	3.21 168 /iPn	Pn	02 56 28.7 +0.5
DRME	Dracevica, Mon	3.21 168 /iSn	Pn	02 56 10.9 +0.4
DRME	Dracevica, Mon	3.21 168 Pn	Pn	02 56 30.9 +2.7
LTVH	Ltavrtes, Hu	3.23 49 Pn	Pn	02 55 49.5 -0.8
LTVH	Ltavrtes, Hu	3.23 49 Pn	Pn	02 56 04.8 +2.9
DEV	Deva	3.27 79 Pn	Pn	02 55 50.9 -0.1
comp=Z,16nm,SNR=9.2				
DEV		Pg	Pg	02 56 03.7 +0.8
DRGR		3.40 63 /iPn	Pn	02 55 55.4 +2.6
DRGR		3.40 63 Pn	Pn	02 55 51.9 -0.9
comp=Z,37nm,SNR=8.2				
DRGR		Pn	Pb	02 55 55.4 -4.8
DRGR		Pg	Pg	02 56 03.6 -1.6
DRGR		Pg	Pg	02 56 06.6 +1.4
DRGR		Lg	Lg	02 56 48.2
KECS	Kecevo	3.49 25 Pn	Pn	02 56 10.9 +4.0
KECS	Kecevo	3.49 25 ePn	Pn	02 55 54.5 +0.6
MYKA	Terra Mystica	3.50 293 eSn	Sn	02 56 37.2 +1.9
comp=Z,6.6nm,0.5s				
MYKA		Sn	Sn	02 56 37.2 +1.9
comp=Z,2.8nm,0.5s				
JAVC	Velka Javorina	3.55 353 ePn	Pn	02 55 55.8 +0.9
JAVC	Velka Javorina	3.55 353 Pn	Pn	02 55 56.0 +1.1
BARS	Barje	3.57 134 ePn	Pn	02 55 54.8 -0.3
BARS	Barje	3.57 134 eSn	Pn	02 56 36.3 -0.7
ABAH	Abaujker	3.58 33 Pn	Pn	02 55 55.3 0.0
comp=Z,11nm,SNR=5.1				
ABAH		Pg	Pg	02 56 08.3 -0.5
ZAPS	Zavoj	3.73 122 ePn	Pn	02 55 57.0 -0.3
ZAPS	Zavoj	3.73 122 eSn	Pn	02 56 38.5 -2.5
MOA	Molin	3.75 314 /iPn	Pn	02 55 58.6 +1.0
comp=Z,4.9nm,0.4s				
MOA		eSn	Sn	02 56 43.3 +1.8
comp=Z,16nm,0.5s				
MOA		Sn	Sn	02 55 58.6 +1.0
MOA		Pn	Pn	02 55 58.3 +1.8
LOT	Lotru	3.85 86 Pn	Pn	02 55 59.2 +0.1
comp=Z,9.3nm,SNR=7.0				
LOT		Sn	Sn	02 56 44.3 +0.2
LANS	Liptovska Anna	3.90 11 Pn	Pg	02 56 16.7 +1.9





U32A	baz=184,SNR=19 Winter Ranch, baz=155,SNR=19	26.34	340	P	P	03 27 16.8	-1.2
R49A	baz=155 Shelbyville comp=Z,50nm,1.4s	26.42	5	I Amb	I Amb	03 27 17.7	
R49A	baz=186,SNR=8.9 Shelbyville	26.42	5	P	P	03 27 16.3	-2.3
R49A	baz=186,SNR=8.9			P	P	03 27 16.3	-2.3
S54A	baz=195,SNR=6.3 Paris	26.49	12	P	P	03 27 16.5	-2.9
R50A	baz=188,SNR=5.2 Paris	26.49	6	P	P	03 27 17.1	-2.2
R50A	baz=188,SNR=5.2			P	P	03 27 17.1	-2.2
KAN14	Manchester OK comp=Z,46nm,0.8s	26.53	342	I Amb	I Amb	03 27 20.9	
R40A	Maddies Statio comp=Z,21nm,0.7s	26.58	352	I Amb	I Amb	03 27 19.1	
R40A	Maddies Statio baz=170,SNR=18	26.58	352	P	P	03 27 17.8	-2.3
T59A	Double "B" Far comp=Z,33nm,0.9s	26.69	19	I Amb	I Amb	03 27 21.3	
T59A	Double "B" Far baz=203,SNR=13	26.69	19	P	P	03 27 20.3	-0.8
T59A				P	P	03 27 20.3	-0.8
OLIL	Olney comp=Z,38nm,0.8s	26.74	360	P	P	03 27 19.9	-1.7
OLIL	Olney baz=180,SNR=11	26.74	360	P	P	03 27 19.7	-1.8
R53A	Hurricane comp=Z,25nm,0.8s	26.89	11	I Amb	I Amb	03 27 22.6	
R53A	Hurricane baz=193,SNR=7.3	26.89	11	P	P	03 27 21.1	-1.7
R53A				P	P	03 27 21.1	-1.7
Q44A	Meyer Farm, Va comp=Z,48nm,0.8s	26.93	358	I Amb	I Amb	03 27 22.2	
Q44A	Meyer Farm, Va baz=178,SNR=14	26.93	358	P	P	03 27 21.1	-2.1
S57A	Dark Hollow, R baz=200	27.01	16	P	P	03 27 22.7	-1.2
S57A				P	P	03 27 22.7	-1.2
T60A	Surry	27.11	20	P	P	03 27 24.3	-0.5
T60A				I Amb	I Amb	03 27 32.2	
R55A	Marlinton comp=Z,25nm,0.8s	27.21	14	I Amb	I Amb	03 27 26.3	
R55A	Marlinton baz=197,SNR=13	27.21	14	P	P	03 27 24.7	-1.2
R55A				P	P	03 27 24.7	-1.2
Q51A	Peebles comp=Z,55nm,0.9s	27.35	8	I Amb	I Amb	03 27 26.8	
Q51A	Peebles baz=190,SNR=17	27.35	8	P	P	03 27 25.5	-1.5
Q51A				P	P	03 27 25.5	-1.5
121A	Cookes Peak, D baz=134,SNR=6.2	27.45	322	P	P	03 27 32.5	+4.3
Q52A	Bidwell comp=Z,36nm,0.8s	27.45	10	I Amb	I Amb	03 27 27.7	
Q52A	Bidwell baz=192,SNR=6.5	27.45	10	P	P	03 27 26.6	-1.2
Q52A				P	P	03 27 26.6	-1.2
R58B	Mineral baz=202,SNR=7.0	27.50	17	P	P	03 27 26.8	-1.5
R58B				P	P	03 27 26.8	-1.5
P48A	Milroy comp=Z,23nm,0.8s	27.56	4	I Amb	I Amb	03 27 26.2	-2.7
P48A	Milroy baz=185,SNR=9.3	27.56	4	P	P	03 27 26.2	-2.7
P48A				P	P	03 27 26.2	-2.7
319A	Douglas baz=182,SNR=6.3	27.62	318	P	P	03 27 30.4	+0.7
P46A	Rosedale baz=182,SNR=6.3	27.64	1	P	P	03 27 27.3	-2.2
P43A	Skaggs, Pawnee baz=177	27.68	357	P	P	03 27 28.3	-1.7
P49A	Miami Univ, Ec comp=Z,18nm,0.8s	27.70	5	I Amb	I Amb	03 27 28.7	
P49A	Miami Univ, Ec baz=187,SNR=6.4	27.70	5	P	P	03 27 27.4	-2.7
P49A	Miami Univ, Ec baz=187,SNR=6.4	27.70	5	P	P	03 27 27.7	-2.3
Q54A	Coxs Mills comp=Z,32nm,0.6s	27.73	12	I Amb	I Amb	03 27 30.7	
Q54A	Coxs Mills baz=195,SNR=14	27.73	12	P	P	03 27 29.6	-0.9
Q54A				P	P	03 27 29.6	-0.9
P40A	Paris comp=Z,33nm,1.1s	27.77	353	I Amb	I Amb	03 27 35.3	
P40A	Paris baz=171	27.77	353	P	P	03 27 28.7	-2.1
Y22A	Socorro baz=137,SNR=7.5	27.97	325	P	P	03 27 33.1	+0.3
P38A	Dawn baz=168,SNR=41	28.07	351	P	P	03 27 31.4	-2.0
P53A	Whipple baz=194,SNR=15	28.11	11	P	P	03 27 33.1	-0.7
P53A				P	P	03 27 33.1	-0.7
R32A	Long Quarter comp=Z,11nm,1.1s	28.11	342	I Amb	I Amb	03 27 44.8	
R32A	Long Quarter baz=157,SNR=7.0	28.11	342	P	P	03 27 31.4	-2.5
P52A	Corning comp=Z,28nm,0.8s	28.12	10	P	P	03 27 32.7	-1.2
P52A				I Amb	I Amb	03 27 33.5	
P52A				P	P	03 27 32.3	-1.6
Q56A	Snyder Ridge comp=Z,22nm,0.8s	28.16	15	I Amb	I Amb	03 27 35.0	
Q56A	Snyder Ridge baz=198,SNR=6.8	28.16	15	P	P	03 27 33.7	-0.5
Q56A				P	P	03 27 33.7	-0.5
O44A	Mansfield comp=Z,25nm,0.8s	28.16	359	I Amb	I Amb	03 27 33.1	
O44A	Mansfield baz=179	28.16	359	P	P	03 27 32.4	-1.8
KSU1	Kansas State U comp=Z,43nm,1.1s	28.17	346	I Amb	I Amb	03 27 42.9	
KSU1	Kansas State U baz=162,SNR=6.2	28.17	346	P	P	03 27 32.2	-2.1
KSU1	Kansas State U baz=162,SNR=6.2	28.17	346	P	P	03 27 32.5	-1.9
DUN6	Lazy B Ranch comp=Z,67nm,1.3s	28.27	320	I Amb	I Amb	03 27 41.9	
O48B	Farmland baz=188	28.38	5	P	P	03 27 33.9	-2.2
O49A	Covington comp=Z,24nm,0.8s	28.38	6	I Amb	I Amb	03 27 35.1	
O49A	Covington baz=187,SNR=7.5	28.38	6	P	P	03 27 34.1	-2.1
O49A				P	P	03 27 34.1	-2.1
SFIN	Lafayette baz=182	28.40	1	P	P	03 27 33.7	-2.6
SFIN	Lafayette	28.40	1	P	P	03 27 32.7	-3.6
ANMO	Albuquerque comp=Z,12nm,1.4s	28.44	327	P	P	03 27 37.5	+0.5
ANMO	Albuquerque	28.44	327	p	p	03 27 37.1	+0.1
ANMO				pmax	pmax		
ANMO	Albuquerque baz=139	28.44	327	P	P	03 27 39.2	+2.2
ANMO	Albuquerque baz=139,SNR=7.3	28.44	327	P	P	03 27 37.8	+0.7
ANMO	Albuquerque comp=Z,1.7nm,0.7s,baz=235,slow=10,SNR=11	28.44	327	P	P	03 27 37.7	+0.7
ACSO	Alum Creek Sta comp=Z,1.7nm,0.7s	28.58	8	I Amb	I Amb	03 27 37.5	
ACSO	Alum Creek Sta baz=190,SNR=7.7	28.58	8	P	P	03 27 35.9	-2.1
ACSO	Alum Creek Sta baz=190,SNR=7.7	28.58	8	P	P	03 27 36.7	-1.3

HDIL	Hopedale comp=Z,50nm,1.2s	28.59	358	I Amb	I Amb	03 27 36.9	
HDIL	Hopedale baz=177	28.59	358	P	P	03 27 35.7	-2.4
HDIL	Hopedale baz=177	28.59	358	P	P	03 27 36.0	-2.1
MCWV	Mont Chateau comp=Z,27nm,1.1s	28.59	13	I Amb	I Amb	03 27 37.4	
MCWV	Mont Chateau baz=197,SNR=6.9	28.59	13	P	P	03 27 36.8	-1.2
MCWV	Mont Chateau baz=197,SNR=6.9	28.59	13	P	P	03 27 34.8	-3.3
O52A	Adamsville baz=192,SNR=8.4	28.64	10	P	P	03 27 36.9	-1.7
O52A				P	P	03 27 36.9	-1.7
CBKS	Cedar Bluff baz=197,SNR=6.8	28.79	341	I Amb	I Amb	03 27 41.5	
CBKS	Cedar Bluff baz=156	28.79	341	P	P	03 27 38.6	-1.4
CBKS	Cedar Bluff baz=156	28.79	341	P	P	03 27 39.4	-0.6
BOAV	Boa Vista baz=156	28.80	107	P	P	03 27 38.8	-1.4
BOAV	Boa Vista baz=156	28.80	107	eP	eP	03 27 38.5	-1.8
N41A	Harden Midland comp=Z,30nm,0.8s	28.83	355	I Amb	I Amb	03 27 38.6	
N41A	Harden Midland baz=174,SNR=5.2	28.83	355	P	P	03 27 37.0	-3.2
P57A	Homestead Farm baz=200,SNR=15	28.88	16	P	P	03 27 40.6	-0.1
P57A				P	P	03 27 40.6	-0.1
O53A	New Philadelphia comp=Z,30nm,0.8s	28.88	11	I Amb	I Amb	03 27 40.4	
O53A	New Philadelphia baz=194,SNR=6.6	28.88	11	P	P	03 27 39.3	-1.3
O54A	Avella comp=Z,22nm,0.9s	28.98	12	I Amb	I Amb	03 27 41.1	
O54A	Avella baz=195,SNR=6.8	28.98	12	P	P	03 27 39.9	-1.6
O54A				P	P	03 27 39.9	-1.6
N49A	Columbus Grove comp=Z,41nm,1.1s	29.12	6	I Amb	I Amb	03 27 41.8	
N49A	Columbus Grove baz=188,SNR=8.1	29.12	6	P	P	03 27 40.3	-2.4
N49A				P	P	03 27 40.3	-2.4
T25A	Trinidad comp=Z,25nm,1.0s	29.16	332	I Amb	I Amb	03 27 57.3	
T25A	Trinidad baz=145,SNR=9.3	29.16	332	P	P	03 27 43.6	+0.2
N38A	Joos South For baz=169,SNR=7.4	29.17	352	P	P	03 27 41.1	-2.1
TUC	Tucson baz=129	29.49	11	I Amb	I Amb	03 27 45.6	
N53A	Lisbon comp=Z,56nm,1.4s	29.49	11	P	P	03 27 44.6	-1.5
N53A	Lisbon baz=194,SNR=5.7	29.49	11	P	P	03 27 44.6	-1.5
N53A				P	P	03 27 44.6	-1.5
N35A	Tabor baz=165	29.64	348	P	P	03 27 46.0	-1.5
N35A		29.64	348	P	P	03 27 45.9	-1.5
HQIL	Hanson Quarry C comp=Z,46nm,1.0s	29.81	0	I Amb	I Amb	03 27 47.8	
MVJ	Millersville comp=Z,25nm,1.2s	29.84	18	I Amb	I Amb	03 27 49.7	
GEDE	Greenville baz=181	29.89	19	P	P	03 27 48.9	-0.7
N33B	J Bar K, Exete baz=181	29.93	345	P	P	03 27 49.1	-0.9
SSPA	Standing Stone baz=200	29.99	15	P	P	03 27 49.0	-1.5
SSPA	Standing Stone baz=200	29.99	15	P	P	03 27 49.1	-1.4
SSPA	Standing Stone baz=200	29.99	15	P	P	03 27 49.5	-1.0
KSCO	Kaye Shedlock KSCO	30.00	337	P	P	03 27 50.4	-0.3
KSCO	Kaye Shedlock comp=Z,28nm,0.8s	30.00	337	P	P	03 27 50.9	+0.2
KSCO	Kaye Shedlock baz=150	30.00	337	P	P	03 27 51.1	+0.4
L42A	Oliver, Polo comp=Z,48nm,1.4s	30.05	357	I Amb	I Amb	03 27 49.5	
L42A	Oliver, Polo baz=177,SNR=5.5	30.05	357	P	P	03 27 48.4	-2.5
L46A	Eue Claire comp=Z,32nm,0.7s	30.05	3	I Amb	I Amb	03 27 48.8	
L46A	Eue Claire baz=183	30.05	3	P	P	03 27 47.9	-3.1
L46A				P	P	03 27 47.9	-3.1
L48A	N Adams baz=187	30.11	5	P	P	03 27 48.5	-3.0
L48A				P	P	03 27 48.5	-3.0
M53A	Wil Miller baz=187	30.14	11	P	P	03 27 51.2	-0.6
SDCO	Great Sand Dun comp=Z,49nm,1.8s	30.16	332	I Amb	I Amb	03 28 06.2	
SDCO	Great Sand Dun baz=144,SNR=20	30.16	332	P	P	03 27 52.3	0.0
SDCO	Great Sand Dun baz=144,SNR=20	30.16	332	P	P	03 27 52.7	+0.4
L40A	Anamosa comp=Z,44nm,0.8s	30.20	355	I Amb			





3d 3h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MJAR Matsuhiro Arr, INU Inuyama, JGM Marumori, etc.

2017 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JMW Minamidaio 2, ULN Ulanbaatar, SONM Songino Array, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SEY comp=Z,34nm,0.9s, QIZ Qiongzong, TGYY Tagaytay City, etc.





MYKOM	Kota Tinggi	45.44	217	P	P	03 38 23.0	+1.4
J16K	Anvik River	45.47	37	P	P	03 38 22.4	+1.0
VIS	Vishakhapatnam	45.55	253	eP	IAMB	03 38 22.5	0.0
VIS						03 38 23.3	
H17K	Granite Mounta	45.62	34	P	P	03 38 23.8	+1.2
O14K	Tiguykauivert M	45.68	42	P	P	03 38 24.4	+1.4
M15K	Kasigulung River	45.75	40	P	P	03 38 24.8	+1.2
S12K	Black Hills	45.91	47	P	P	03 38 25.1	+0.2
TPRI	Tanjung Pinang	45.92	215	P	P	03 38 26.0	+0.6
LHMI	Lhok Sumawe	45.97	227	P	P	03 38 26.8	+1.0
LHMI	Lhok Sumawe	45.97	227	P	P	03 38 27.5	+1.6
LHMI	Lhok Sumawe	45.97	227	P	P	03 38 27.1	+1.2
G18K	Tagagawik	46.07	33	P	P	03 38 26.8	+0.7
D19K	Kuna River	46.10	29	P	P	03 38 26.9	+0.6
N15K	Kwethulung River	46.12	41	P	P	03 38 28.1	+1.5
L16K	Owha River	46.19	39	P	P	03 38 27.9	+0.9
H18K	Honhosa River	46.26	34	P	P	03 38 28.6	+1.0
F19K	Shalerucik Mo	46.34	32	P	P	03 38 28.6	+0.4
BBKI	Banjar Baru	46.42	200	P	P	03 38 29.5	+0.2
BBKI						03 38 35.7	
E19K	Redstone River	46.50	31	P	P	03 38 30.3	+0.8
M16K	Timber Creek	46.54	40	P	P	03 38 31.2	+1.4
K17K	Itidar	46.59	37	P	P	03 38 31.6	+1.5
ARU	Arti	46.63	314	P	P	03 38 31.1	+0.5
ARU						03 38 32.4	
ARU						03 40 03.2	
ARU						03 40 21.0	
ARU						03 41 04.0	
ARU						03 45 23.8	+3.3
ARU						03 49 44.3	
ARU						03 38 31.3	+0.7
ARU						03 40 04.2	-0.3
ARU						03 40 02.9	
D20K	Etiyuk River	46.64	29	P	P	03 38 31.2	+0.7
L17K	Donlin	46.67	38	P	P	03 38 32.7	+1.9
G19K	Purcell Mounta	46.68	32	P	P	03 38 31.3	+0.4
N16K	Nishik Lake	46.72	40	P	P	03 38 32.5	+1.3
AJM	Ajmer	46.79	269	eP	IAMB	03 38 32.1	+0.2
AJM						03 38 34.1	
E20K	Nigu River	46.83	30	P	P	03 38 32.8	+0.7
SDPT	Sand Point	46.87	48	P	IAMB	03 38 31.5	-1.0
SDPT						03 40 06.9	
KAPI	Kappang	46.89	193	P	P	03 38 32.2	-0.8
KAPI	Kappang	46.89	193	P	P	03 38 32.7	+0.7
KAPI	Kappang	46.89	193	P	P	03 38 33.1	+0.2
KAPI	Kappang	46.89	193	P	P	03 38 32.2	-0.8
KAPI						03 40 06.2	+0.4
KAPI						03 57 59.8	
GCSA	Gaena City Sc	46.93	34	P	P	03 38 33.3	+0.5
KCSI	Kotacane, Aceh	46.95	225	P	P	03 38 31.8	-1.7
PSI	Prapat	46.95	223	P	P	03 38 33.5	-0.2
PSI	Prapat	46.95	223	P	P	03 38 33.5	-0.2
PSI						03 38 34.6	+0.9
MLSI	Meulaboh, Aceh	47.07	227	P	P	03 38 33.3	-1.2
BKSI	Bulukumba	47.13	192	P	P	03 38 34.2	-0.7
DSRI	Dabo	47.15	214	P	P	03 38 36.1	+1.0
J18K	Innoko River	47.19	36	P	P	03 38 35.6	+0.7
M17K	Holitna River	47.20	39	P	P	03 38 36.8	+1.8
O16K	Kokwok River B	47.22	41	P	P	03 38 36.4	+1.3
C21K	Knifblade Rid	47.26	28	P	P	03 38 36.4	+1.0
B21K	Ikpikpuk River	47.28	28	P	P	03 38 36.5	+1.0
P16K	Nushagak River	47.38	42	P	P	03 38 37.9	+1.5
L18K	Granite Mounta	47.41	38	P	P	03 38 38.0	+1.4
N17K	Nushagak Hills	47.48	40	P	P	03 38 38.7	+1.5
CHNA	Chernabura Isl	47.49	48	P	P	03 38 37.2	-0.1
CNBA	Chernabura Isl	47.49	48	P	IAMB	03 38 38.4	-0.5
TTA	Tatalina	47.59	37	P	P	03 38 38.9	+1.0
TTA	Tatalina	47.59	37	P	IAMS_20	03 38 38.4	+0.3
TTA	Tatalina	47.59	37	P	P	03 38 38.9	+0.8
TTA	Tatalina	47.59	37	P	P	03 38 38.4	+0.3
TTA	Tatalina	47.59	37	P	MLR	03 38 38.9	+0.8
B22K	Teshekpuk Lake	47.62	27	P	P	03 38 38.9	+0.8
H20K	Anotleneega Mo	47.67	33	P	P	03 38 39.7	+1.1
O17K	Koliganek Bris	47.68	41	P	P	03 38 40.3	+1.6
ABKAR	Akbulak array	47.71	304	P	P	03 38 39.5	+0.4

I20K	Naagheedeneel	47.94	34	P	P	03 38 42.2	+1.5
F21K	Alatina River	47.97	31	P	P	03 38 41.5	+0.5
BKNI	Bangkinang	48.03	219	P	P	03 38 41.9	0.0
BKNI	Bangkinang	48.03	219	P	P	03 38 42.6	+0.7
BKNI	Bangkinang	48.03	219	P	P	03 38 42.4	+0.5
BKNI	Bangkinang	48.03	219	P	P	03 38 39.2	-2.7
BKNI	Sibolga	48.03	222	P	P	03 38 40.2	-1.8
D22K	Aiyikyak River	48.05	29	P	P	03 38 42.3	+0.8
IMAR	Indian Mountai	48.05	32	P	P	03 38 42.5	+0.9
G21K	Allakaket	48.07	32	P	P	03 38 42.8	+1.1
N18K	Kilae Creek	48.08	40	IAMS_20	IAMS_20	04 01 46.9	
N18K	Kilae Creek	48.08	40	P	P	03 38 43.5	+1.7
P17K	Kvichak River	48.13	42	P	P	03 38 43.6	+1.4
O16K	King Salmon	48.13	42	P	P	03 38 43.2	+1.0
SVW2	Sparrevoehn	48.14	39	P	P	03 38 43.7	+1.4
SVW2						03 38 45.0	
SVW2						04 01 40.0	
SVW2						03 38 44.0	+1.7
J20K	Novita River	48.19	35	P	P	03 38 44.1	+1.5
L19K	White Mountain	48.26	38	IAMS_20	IAMS_20	04 00 12.5	
L19K	White Mountain	48.26	38	P	P	03 38 44.3	+1.1
VJD	Vijayawada	48.27	254	eP	P	03 38 43.7	-0.1
AKL	Akola	48.32	261	eP	x	03 38 42.8	-1.3
K20K	Telida	48.38	36	P	x	03 40 10.8	
H21K	Melozitna Rive	48.49	33	P	P	03 38 45.9	+0.9
R17K	Ugashik Creek	48.52	44	P	P	03 38 45.3	+0.1
M19K	Big River Lodg	48.53	38	IAMS_20	IAMS_20	04 01 58.7	
M19K	Big River Lodg	48.53	38	P	P	03 38 46.7	+1.5
AKTO	Aktuyubinsk	48.53	306	P	P	03 38 45.9	+0.5
AKTO	Aktuyubinsk	48.53	306	P	P	03 38 46.3	+0.9
AKTO						03 40 10.6	-0.7
AKTO						04 00 38.0	
Q17K	Contact Creek	48.63	43	P	P	03 38 46.7	+0.5
C23K	Itkillik River	48.64	27	P	P	03 38 46.9	+0.9
SNSI	Sinabang, Aceh	48.65	226	P	P	03 38 45.7	-1.0
P18K	Big Mountain	48.69	41	P	P	03 38 47.6	+1.0
N19K	Bonanza Creek	48.72	39	IAMS_20	IAMS_20	04 02 07.9	
N19K	Bonanza Creek	48.72	39	P	P	03 38 48.3	+1.4
D23K	Nanushuk River	48.75	28	P	P	03 38 48.0	+1.1
I21K	Tanana	48.92	33	P	P	03 38 49.6	+1.4
GSI	Gunungsitoli	48.92	224	P	P	03 38 48.2	-0.5
GSI						04 01 34.3	
GSI						03 38 48.6	-0.2
GSI						03 38 48.4	-0.4
GSI						03 38 54.6	
O19K	Port Alsworth	48.94	40	IAMS_20	IAMS_20	04 01 29.9	
O19K	Port Alsworth	48.94	40	P	P	03 38 49.7	+1.3
SDSI	Sungai Dareh	48.95	218	P	P	03 38 49.0	0.0
Q18K	Katmai Hardscr	48.98	42	P	P	03 38 49.4	+0.5
CHUM	Lake Minchuminc	49.04	35	P	P	03 38 50.8	+1.6
SAUI	Saumliaki	49.10	177	P	P	03 38 50.3	+0.2
SAUI	Saumliaki	49.10	177	P	P	03 38 51.9	+1.8
SAUI	Saumliaki	49.10	177	P	P	03 38 50.9	+0.8
SAUI						03 38 59.6	
M20K	Styx River	49.11	38	IAMB	IAMB	03 38 52.9	
M20K						04 00 30.3	
TOLK	Toolik Lake Re	49.20	29	P	IAMB	03 38 50.8	+0.4
TOLK						03 40 16.2	
TOLK	Toolik Lake Re	49.20	29	P	P	03 38 51.1	+0.7
HYB	Hyderabad	49.22	2571	eP	IvMB_BB	03 38 50.5	-0.7
HYB						03 38 50.8	
COLD	Coldfoot	49.23	30	P	P	03 38 51.4	+0.8
CAST	Castle Rocks	49.24	36	P	IAMB	03 38 52.1	+1.3
CAST						03 38 53.2	
PMBI	Palembang	49.28	213	P	P	03 38 52.1	+1.3
PMBI	Palembang	49.28	213	P	P	03 38 51.1	+0.6
PMBI	Palembang	49.28	213	P	P	03 38 53.5	+2.0
E23K	Chandalar	49.29	29	P	P	03 38 52.9	+1.4
PPLA	Purkeyville	49.31	36	P	P	03 38 52.1	+0.9
JASL	Jaisalmer	49.37	272	eP	P	03 38 52.9	+0.7
PDSI	Padang	49.39	219	P	P	03 38 50.3	-2.1
G23K	Banaza Creek	49.40	31	P	P	03 38 52.6	+0.6
CHIR	Chirikof Islan	49.41	46	P	IAMB	03 38 52.6	+0.5
CHIR						03 38 53.7	
CHIR	Chirikof Islan	49.41	46	P	P	03 38 52.6	+0.5
MLY	Manley	49.47	33	P	P	03 38 53.7	+1.2
MLY	Manley	49.47	33	P	P	03 38 53.7	+1.2
R18K	Kariuk	49.55	44	P	P	03 38 52.3	-0.8
BPAW	Bear Paw Mtn.	49.56	35	IAMB	IAMB	03 38 55.5	
BPAW	Bear Paw Mtn.	49.56	35	P	P	03 38 54.4	+1.1
ILSW	Ilamna South	49.57	40	IAMS_20	IAMS_20	04 01 57.4	
Q19K	Cape Douglas	49.59	42	IAMB	IAMB	03 38 55.5	
Q19K						04 02 27.0	
Q19K						03 38 53.7	+0.2
P19K	Oil Pt	49.61	41	IAMS_20	IAMS_20	04 01 02.4	
P19K	Oil Pt	49.61	41	P	P	03 38 55.3	+1.7
N20K	Mount Spurr	49.71	39	P	P	03 38 56.0	+1.6
SPCR	Spr Chikha	49.71	39	P	P	03 38 56.0	+1.6

PBSI	Pulau Batu	49.72	222	P	P	03 38 55.0	+0.1
KTH	Kantishna Hill	49.72	35	IAMB	IAMB	03 38 57.0	
H23K	Yukon River	49.78	32	P	P	03 38 56.5	+1.6
O20K	Slope Mountain	49.79	40	P	P	03 38 55.7	+0.6
SII	Sitkinak Islan	49.97	45	IAMB	IAMB	03 38 59.2	
SII	Sitkinak Islan	49.97	45	P	P	03 38 57.2	+0.8
SII	Sitkinak Islan	49.97	45	P	P	03 38 56.4	0.0
RABL	Rabaul	49.97	149	P	P	03 38 58.3	+1.5
RABL	Rabaul	49.97	149	P	P	03 38 58.3	+1.5
I23K	Minto, Yukon-K	50.01	33	P	P	03 38 57.9	+1.4
TRF	Thorofare Moun	50.02	35	P	IAMB	03 38 57.4	+0.5
TRF						03 39 01.0	
TRF						03 38 57.6	+0.7
KRVIT	Keravat (AS076	50.02	149	P	P	03 38 58.6	+1.5
KRVIT						03 37 33.4	
F24K	Squaw Lake	50.05	30	P	P	03 38 57.7	+0.9
MMRI	Maumere	50.10	189	P	IAMB	03 38 56.1	-1.6
MMRI							



3d 3h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like K29M Barlow Dome, K29M Barlow Dome, L29M L29M, YUK8 Steele Glacier, etc.

2017 SEP

Table with columns for station ID, name, frequency, and signal strength. Includes stations like SKAG Skagway, SKAG Skagway, SKAG Skagway, etc.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like KBZ comp=Z,66m,0.9s, JLN comp=Z,1um,19.1s, etc.

155										2017 SEP										13d 3h									
HATO	SNR=58	P	P	03 40 21.5 +1.2	OPA	Opana	63.44 84	P	P	03 40 33.5 +1.0	NOA	comp=Z,5.4nm,0.8s,baz=44,slow=8.1,SNR=3.1	PP	PP	03 43 39.9 -1.2														
VASU	SNR=58	P	P	03 40 20.2 +0.2	OPA	Opana	63.44 84	P	P	03 41 09.9 +0.4	NOA	comp=Z,1.0nm,0.9s,baz=222,slow=3.9,SNR=5.4	PKPPK	P	04 09 19.1 -13														
VSU	comp=Z,886nm,0.9s	pmax	pmax		OPA					03 41 09.9	NOA	comp=Z,1.0nm,0.9s,baz=222,slow=3.9,SNR=5.4	LR	04 15 13.1															
VSU	comp=Z,7.12m,12.0s	MLR	MLR		OPA						NOA	comp=Z,1.1m,18.2s,baz=50,slow=4.1		04 17 38.3															
Vasula	61.63 324	eP	P	03 40 19.9 -0.1	AAL	Aland	63.46 328	eP	P	03 40 31.4 -0.7	DOMB	comp=Z,0.8nm,0.9s,baz=51,slow=4.2,SNR=3.5	P4Kpbc	P	03 40 49.9 -0.5														
Metsahovi	61.65 327	eP	P	03 40 19.6 -0.4	ANN	Anapa	63.46 307	eP	P	03 40 32.5 +0.1	DOMB	comp=Z,2.85nm,0.9s	IVmB_BB	P	03 40 50.3														
SOHO	SNR=61	iP	P	03 40 21.4 +0.5	ANN						HUH	comp=Z,2.2um,1.0s	IVmB_BB	P	03 40 53.1														
SOHO	SNR=61	iP	P	03 40 21.8 +0.9	ANN	comp=N,145nm,1.1s					KHLU	comp=Z,1.66nm,0.9s	IAMB	IAMB	03 40 52.9														
T35M	Bob Quinn	61.72 38	P	03 40 22.8 +2.2	ANN	comp=E,113nm,1.2s					NC602	comp=Z,2.68nm,1.0s	IVmB_BB	P	03 40 49.9 -0.8														
ASHO	AShiyah	61.73 279	P	03 40 22.3 +1.0	ANN	comp=N,2um,16.0s					NC602	comp=Z,3um,1.1s	IVmB_BB	P	03 40 50.3														
ASHO	SNR=108	iP	P	03 40 22.2 +1.0	ANN	comp=Z,2um,15.0s					NC602	comp=Z,3um,1.1s	eS	S	03 49 41.4 +0.6														
ASHO	SNR=47	iP	P	03 40 22.2 +1.0	ANN	comp=E,337nm,17.0s					HOLB	comp=Z,2.228nm,0.9s	IAMB	IAMB	03 40 53.2														
MORR	Moi Rana	61.73 335	iP	03 40 18.8 -1.8	NSS	Namsos	63.59 335	iP	P	03 40 32.0 -0.9	MOL	Moide	66.38 334	iP	03 40 51.1 0.0														
MORR	comp=Z,5.66nm,0.8s	IVmB_BB	P	03 40 19.2	NSS	Kipapa	63.59 84	P	P	03 40 32.5	MOL	comp=Z,3um,1.1s	IVmBBB	P	03 40 52.1														
NAZ	Nazwa, Dubai	61.85 280	iP	03 40 23.0 +1.0	KIP	KIP	63.59 84	P	P	03 40 33.3 -0.3	POHA	Pohakuloa	66.44 84	P	03 40 53.4 +0.9														
NAZ	SNR=84	iP	P	03 40 22.6 +0.6	KIP	Kipapa	63.59 84	P	P	03 40 35.4	POHA	Pohakuloa	66.44 84	P	03 40 53.6 +1.1														
NAZ	SNR=37	P	P	03 40 22.6 +0.6	KIP	comp=Z,1.80nm,0.8s					DIKM	comp=Z,2.89nm,0.9s	IVmB_BB	P	03 40 53.2 +0.7														
TULEG	Thule	61.87 5	iP	03 40 20.6 -0.5	KIP	Kipapa	63.59 84	eP	P	03 40 34.7 +1.1	SCO	comp=Z,1.20nm,1.1s	IAMB	IAMB	03 40 53.4														
TULEG	comp=Z,5um,0.8s	IVmB_BB	P	03 40 21.5	KIP	Kipapa	63.59 84	eP	P	03 40 34.7 +1.1	SCO	comp=Z,1.20nm,1.1s	IAMB	IAMB	03 40 53.4														
TULEG	comp=Z,5um,0.8s	IAMB	IAMB	03 40 21.6	GRNB	comp=Z,1.80nm,0.8s					SCO	comp=Z,1.20nm,1.1s	IAMB	IAMB	03 40 52.2 +0.1														
KONS	Konsvik	61.94 336	eP	03 40 20.9 -1.0	GRNB	Grenville Isla	63.59 40	P	P	03 40 34.1 +1.0	SCO	comp=Z,1.20nm,1.1s	IAMB	IAMB	03 40 53.0														
KONS	comp=Z,1.1m,1.4s	IVmB_BB	P	03 40 21.3	NACGM	Naroch	63.60 321	eP	P	03 40 35.6	MWH	comp=Z,1.93nm,1.2s	IAMB	IAMB	03 40 55.2														
V35K	Ketchikan	61.97 40	P	03 40 23.2 +1.0	JMIC	Jan Mayen	63.94 346	iP	P	03 40 35.5 +0.3	MWH	comp=Z,2.96nm,1.0s	IAMS_20	IAMS_20	03 59 47.3														
KEKH	Kekaha	61.99 85	IAMB	03 40 24.8	JMIC	comp=Z,3um,0.8s					DMTO	DMTO	66.70 274	P	03 40 53.7 -0.1														
BSY	comp=Z,150nm,1.1s	P	P	03 40 24.0 +1.0	JMIC	Jan Mayen	63.94 346	eP	P	03 40 36.5	DMTO	DMTO	66.70 274	P	03 40 53.7 -0.1														
BSY	SNR=37	P	P	03 40 24.0 +1.0	JMIC	comp=Z,2.85nm,0.8s,baz=16,slow=2.0,SNR=17					SORM	Soroca	66.75 314	iP	03 40 53.6 -0.1														
FAQ	AI Faqa, Dubai	62.04 279	iP	03 40 23.8 +0.5	JMIC	comp=Z,6.17nm,18.0s,baz=346,slow=37					SORM	Soroca	66.75 314	iP	03 40 53.5 -0.2														
FAQ	SNR=44	P	P	03 40 23.8 +0.5	JMIC	comp=Z,2.85nm,0.8s					DOK	Doka	66.76 275	P	03 40 54.3 +0.1														
FAQ	AI Faqa, Dubai	62.04 279	P	03 40 23.8 +0.5	JMIC	comp=Z,2.85nm,0.8s					DOK	SNR=22	P	P	03 40 54.3 +0.1														
FAQ	SNR=39	P	P	03 40 23.8 +0.5	JMIC	comp=Z,2.85nm,0.8s					KLNR	Kalininograd	66.83 323	iP	03 40 54.0 -0.1														
STOK	Stokkvaggen	62.07 336	eP	03 40 22.1 -0.7	GURO	Guroyark-BITLI	63.96 299	IAMB	IAMB	03 40 39.5	KLNR	comp=Z,7.36nm,0.8s	pmax	pmax															
ARQ	Araqi	62.16 277	P	03 40 25.0 +0.8	JRN	Garrain Island	63.96 281	P	P	03 40 35.6 -0.4	AKN	comp=Z,6um,12.0s	IVmB_BB	P	03 40 54.1 0.0														
ARQ	SNR=32	P	P	03 40 25.0 +0.8	JRN	SNR=61					AKN	Aaknes	66.84 334	iP	03 40 54.6														
ARQ	SNR=32	P	P	03 40 25.0 +0.8	JRN	SNR=61					PUH	Pauahi	66.91 84	IAMB	IAMB	03 40 57.6													
RAF	Rauma	62.26 328	eP	03 40 23.6 -0.5	JRN	SNR=61					NPOC	comp=Z,2.78nm,1.0s	IAMS_20	IAMS_20	04 02 09.5														
ASUD	AI Ashush, Dub	62.31 279	iP	03 40 26.0 +1.0	JRN	SNR=61					JCUZ	comp=Z,1.1m,22.0s	IAMS_20	IAMS_20	04 10 59.8														
ASUD	SNR=105	iP	P	03 40 26.1 +1.1	JRN	SNR=61					OSL	comp=Z,1.1m,21.0s	IVmB_BB	P	03 40 55.9 -0.2														
ASUD	AI Ashush, Dub	62.31 279	P	03 40 26.1 +1.1	JRN	SNR=61					KIS	Kishinev	67.17 313	iP	03 40 55.9 -0.6														
ALNE	AI Ain	62.32 279	iP	03 40 25.9 +0.8	JRN	SNR=61					KIS	comp=Z,2um,12.8s	LQM	LQM	04 12 18.1														
ALNE	SNR=31	P	P	03 40 25.9 +0.8	JRN	SNR=61					KIS	comp=Z,900nm,12.2s	LRM	MLR	04 12 21.6														
ALNE	SNR=73	P	P	03 40 25.9 +0.8	JRN	SNR=61					KIS	comp=Z,900nm,12.2s	IAMB	IAMB	03 40 55.9 -0.6														
QIS	Mount Isa	62.34 169	P	03 40 24.7 -0.3	JRN	SNR=61					KIS	comp=Z,400nm,2.1s	pmax	pmax															
QIS	SNR=9.6	P	P	03 40 24.5 -0.6	JRN	SNR=61					KIS	comp=Z,400nm,2.1s	MLR	MLR															
QIS	SNR=9.6	P	P	03 40 24.5 -0.6	JRN	SNR=61					KIS	comp=E,900nm,12.2s	MLR	MLR															
MHTO	MHTO	62.46 274	P	03 40 26.6 +0.5	JRN	SNR=61					MILM	comp=N,1um,13.3s	MLR	MLR															
MHTO	SNR=35	P	P	03 40 26.6 +0.5	JRN	SNR=61					MILM	Milistii Mici	67.22 313	P	03 40 56.8 +0.1														
MHTO	SNR=35	P	P	03 40 26.6 +0.5	JRN	SNR=61					MILM	Milistii Mici	67.22 313	P	03 40 56.4 -0.4														
TV1H	Townsville Har	62.48 161	P	03 40 26.3 +0.3	JRN	SNR=61					RBK	comp=Z,77nm,0.9s	P	P	03 40 58.2 0.0														
AJN	comp=Z,244nm,0.9s	iP	P	03 40 27.3 +0.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
AJN	SNR=30	P	P	03 40 27.3 +0.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
AJN	SNR=42	P	P	03 40 27.5 +0.5	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
AJN	SNR=42	P	P	03 40 27.5 +0.5	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
BCA	Borcka	62.67 302	iP	03 40 28.2 +0.9	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
DIB	Dawson Inlet,	62.70 42	P	03 40 27.7 +0.5	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
DIB	comp=Z,135nm,0.8s	IAMB	IAMB	03 40 31.2	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC	Sochi	62.73 305	eP	03 40 26.7 -0.9	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC			ePPP	03 42 43.6	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC			eSS	03 44 19.6	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC			eSS	03 48 58.7 +1.5	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC			eSS	03 53 02.5 +1.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC	comp=Z,237nm,0.9s	pmax	pmax		JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
SOC	MLR	MLR			JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
MTSE	comp=Z,2um,14.0s	MLR	MLR		JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
MBWA	Marble Bar	62.76 326	eP	03 40 27.5 0.0	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
MBWA	comp=Z,1.75nm,1.3s	P	P	03 40 27.5 -0.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
MBWA	Marble Bar	62.76 190	IAMB	03 40 28.6	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
MBWA	comp=Z,230nm,0.9s	P	P	03 40 27.5 -0.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
MBWA	Marble Bar	62.76 190	P	03 40 27.5 -0.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
FLDN	Fort Liard	62.76 32	IAMS_20	03 40 27.2 -0.7	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
DBG	Daneborg	62.83 351	iP	03 40 27.0 -0.7	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
DBG	comp=Z,688nm,0.9s	IVmB_BB	P	03 40 29.3	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
DBG	comp=Z,83nm,0.8s	IAMB	IAMB	03 40 29.7	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
AUAYR	Ayr State High	62.94 161	P	03 40 29.3 +0.2	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
CTAO	Charters Tower	63.15 162	P	03 40 30.2 -0.3	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
CTAO	comp=Z,218nm,0.8s	IAMB	IAMB	03 40 31.6	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
CTAO	comp=Z,218nm,0.8s	PcP	PcP	03 41 07.6 -0.4	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
CTAO	Charters Tower	63.15 162	IAMS_20	04 05 23.6	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
CTAO	comp=Z,1.1m,22.0s	P	P	03 40 30.4 -0.1	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
PSA00	Pilbara Seismi	63.15 190	P	03 40 29.6 -0.8	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
PSA00	comp=Z,2.28nm,1.1s	IAMB	IAMB	03 40 31.2	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
PSA00	Pilbara Seismi	63.15 190	IAMB	03 40 31.2	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
PSA00	comp=Z,1.98nm,1.0s	IAMB	IAMB	03 40 31.2	JRN	SNR=61					RBK	SNR=14	P	P	03 40 58.2 0.0														
PSA00	Pilbara Seismi	63.15 190	P	03 40 30.3 -0.2	JRN	SNR=61					RBK	SNR=14	P</																

3d 3h

Table with columns for station call letters, frequency, and other technical details. Includes stations like SCHL, IZVR, CFR, etc.

2017 SEP

Table with columns for station call letters, frequency, and other technical details. Includes stations like LEHL, TRPA, OJC, etc.

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Table with columns for station call letters, frequency, and other technical details. Includes stations like VYHS, UPC, UPC, etc.

CLL	eSS	SS	03 55 30.0 +1.7	
CLL	eSSS	SSS	03 58 54.0	
CLL	ex		04 00 02.0	
CLL	ePKKpdf	PKKpdf	04 00 59.0 +4.1	
CLL	AMS	AMS	04 17 00.0	
MODS	Modra-Piesok	72.31 319	eP	pmax
MODS	Modra-Piesok	72.31 319	eP	pmax
MODS	Richard	72.32 323	eP	AMS
MODS	Liberty	72.32 42	Iamb	Iamb
MODS	Liberty	72.32 42	Iamb	Iamb
FLTG	Flechtingen	72.32 325	eP	
FLTG	Freiberg	72.39 323	eP	
G03D	McMinville, O	72.36 45	Iamb	Iamb
HLG	Helgoland	72.36 328	eP	
FBE	Freiberg	72.39 323	eP	
GOPC	GO Pecny, Ondr	72.44 322	eP	MLR
GOPC	GO Pecny, Ondr	72.44 322	eP	MLR
GOPC	GO Pecny, Ondr	72.44 322	eP	AMS
GOPC	GO Pecny, Ondr	72.44 322	eP	AMS
KDZ	Kurdzhali	72.45 310	P	
OUENC	Ouen Island, N	72.46 144	Iamb	Iamb
OUENC	Ouen Island, N	72.46 144	P	
PLD	Plodiv	72.46 311	P	
KULA	Kula-Manisa	72.48 358	Iamb	Iamb
DY2G	Dye2	72.48 358	Iamb	Iamb
DY2G	Dye2	72.48 358	Iamb	Iamb
DY2G	Dye2	72.48 358	Iamb	Iamb
DY2G	Dye2	72.48 358	Iamb	Iamb
BLDU	Balldu	72.48 191	P	
BLDU	Balldu	72.48 191	P	
GHAJ	Ghor Haditha	72.49 296	IAMS_20	IAMS_20
PRA	Prague	72.49 322	eP	MLR
PRA	Prague	72.49 322	eP	MLR
PRA	Prague	72.49 322	eP	AMS
PRA	Prague	72.49 322	eP	AMS
PRU	Prunice	72.50 322	eP	MLR
PRU	Prunice	72.50 322	eP	MLR
PRU	Prunice	72.50 322	eP	AMS
PRU	Prunice	72.50 322	eP	AMS
ZST	Zlatibor	72.51 319	eP	pmax
ZST	Zlatibor	72.51 319	eP	pmax
ZST	Zlatibor	72.51 319	eP	pmax
ZST	Zlatibor	72.51 319	eP	pmax
TREC	Trest	72.54 321	eP	
TREC	Trest	72.54 321	eP	
AULRC	Lightning Ridg	72.54 163	P	
PGB	Panagyurishte	72.55 311	P	
ENEZ	Enez	72.55 309	eP	
HSKK	Hora Svate Kat	72.58 323	eP	AMS
HSKK	Hora Svate Kat	72.58 323	eP	AMS
KMBL	Kambalda	72.63 186	P	
KMBL	Kambalda	72.63 186	P	
RDO	Rodopi	72.65 310	P	
NRDL	Niedersach Rie	72.69 326	eP	
ASSE	Asse, Remlinge	72.71 325	eP	
COR	Corvallis	72.72 45	P	
COR	Corvallis	72.72 45	P	
COR	Corvallis	72.72 45	P	
COR	Corvallis	72.72 45	P	
GCIS	Gold Coast 1 S	72.75 157	P	
RZN	Rozhen	72.76 311	P	
RETH	Rethen/Aller	72.82 326	eP	
NEUB	Neuenburg	72.89 324	eP	
ANGG	Ammassalik, Gr	72.90 354	Iamb	Iamb
ANGG	Ammassalik, Gr	72.90 354	Iamb	Iamb
ANGG	Ammassalik, Gr	72.90 354	Iamb	Iamb
ANGG	Ammassalik, Gr	72.90 354	Iamb	Iamb
VTS	Vitosha	73.01 312	P	
EZN	Ezine	73.03 308	P	
CLZ	Clausthal	73.05 325	eP	
ZVC	Zvikov	73.05 322	eP	AMS
ZVC	Zvikov	73.05 322	eP	AMS
ISOG	Isortoq, Green	73.06 355	eP	IvMB_BB
ISOG	Isortoq, Green	73.06 355	eP	IvMB_BB
ISOG	Isortoq, Green	73.06 355	eP	IvMB_BB
MORH	Mirny, Hungar	73.08 317	eP	
SMTH	Santohk Isl	73.09 309	P	
YSA	Yasawatarra	73.13 131	P	
BIGH	Upper Bighouse	73.13 336	eP	Iamb
BIGH	Upper Bighouse	73.13 336	eP	Iamb
TANN	Tannenbergha	73.15 323	eP	
BOVS	Bovan	73.19 314	eP	
FRGS	Fruska Gora	73.19 316	eP	
FRGS	Fruska Gora	73.19 316	eP	
WERD	Werda	73.20 323	eP	
PLN	Plauen	73.24 323	eP	
PLN	Plauen	73.24 323	eP	
GUNZ	Gunzen	73.25 323	eP	
RONA	Rosalia, Austr	73.25 319	Iamb	Iamb
WERN	Wernitzgruen	73.28 323	eP	
NKC	Novy Kostel	73.29 323	eP	MLR
NKC	Novy Kostel	73.29 323	eP	MLR
NKC	Novy Kostel	73.29 323	eP	AMS
NKC	Novy Kostel	73.29 323	eP	AMS
KLBR	Kellerberrin	73.30 190	P	
KLBR	Kellerberrin	73.30 190	P	
CONA	Conrad Observ	73.30 320	Iamb	Iamb
CONA	Conrad Observ	73.30 320	Iamb	Iamb
CONA	Conrad Observ	73.30 320	Iamb	Iamb
CONA	Conrad Observ	73.30 320	Iamb	Iamb
MOX	Moxa	73.36 324	eP	
NEW	Newport	73.38 40	P	
NEW	Newport	73.38 40	P	
NEW	Newport	73.38 40	P	
NEW	Newport	73.38 40	P	
MMB	Musomisha	73.42 311	P	
GTGG	Gottingen	73.44 325	eP	
PRK	Parakevi	73.44 308	P	
THAS	Thassos island	73.47 310	P	
HAWA	Hanford	73.48 42	Iamb	Iamb
NVR	Nevrokopi	73.48 311	P	
BLCB	Balcova	73.53 307	P	
KHC	Kasperske Hory	73.55 322	eP	
KHC	Kasperske Hory	73.55 322	eP	

KHC	comp=2.4um,13.7s	MLR	MLR	
KHC	Kasperske Hory	73.55 322	eP	P
KHC	Kasperske Hory	73.55 322	eP	P
KHC	Kasperske Hory	73.55 322	eP	P
KHC	Kasperske Hory	73.55 322	eP	P
YER	Yerkesik	73.56 305	P	P
KKB	Krupnik	73.58 61	P	P
F07A	Phinnih Hill Vj	73.62 43	Iamb	Iamb
LIA	Limnos Island	73.66 309	P	P
GECC	GERESS Array S	73.69 322	Iamb	Iamb
GECC	GERESS Array S	73.69 322	eP	P
GERES	GERESS Array B	73.69 322	P	P
GERES	GERESS Array B	73.69 322	P	P
GERES	comp=2.20nm,0.8s,baz=43,slow=6.0,SNR=529	PKIKP	PKIKP	
GERES	comp=2.20nm,0.7s,baz=18,slow=3.4,SNR=3.6	PKIKP	PKIKP	
GERES	comp=2.12nm,0.9s,baz=202,slow=13,SNR=4.3	P	P	
G06A	Carlson Farm,	73.70 44	Iamb	Iamb
SIGR	SIGR	73.70 308	P	P
DBO	Dodson Butte	73.73 47	Iamb	Iamb
ROTZ	Rotzenmuhle	73.73 323	eP	
TEKS	Tekes	73.73 315	eP	
KOKK	Kokkinochori,	73.75 310	P	P
STKA	Stephens Creek	73.75 169	P	P
STKA	Stephens Creek	73.75 169	P	P
STKA	Stephens Creek	73.75 169	P	P
STKA	Stephens Creek	73.75 169	P	P
STKA	comp=2.66nm,0.7s,baz=342,slow=7.1,SNR=84	LR	LR	
FUTU	Fugatoga	73.76 126	P	P
KBO	Bosley Butte	73.78 48	Iamb	Iamb
SRS	Serrai	73.79 311	P	P
IBBN	ibbenburen	73.80 327	eP	
DIVS	Divibara	73.80 315	Iamb	Iamb
DIVS	Divibara	73.80 315	IAMS_20	IAMS_20
DIVS	Divibara	73.80 315	IAMS_20	IAMS_20
DIVS	Divibara	73.80 315	IAMS_20	IAMS_20
WETZ	Wetzell	73.86 322	eP	
MUN	Mundaring	73.89 191	P	P
MUN	Mundaring	73.89 191	P	P
EIL	Elat	73.91 295	P	P
EIL	comp=2.150nm,0.9s,baz=50,slow=5.3,SNR=99	LR	LR	
MTKN	Mount Kenneth	73.91 192	P	P
ARSA	Arzberg	73.94 319	Iamb	Iamb
DRUM	Mains of Drum	73.98 335	eP	Iamb
DRUM	Mains of Drum	73.98 335	eP	Iamb
BBOO	Buckleboo	74.05 174	P	P
BBOO	Buckleboo	74.05 174	Iamb	Iamb
BBOO	Buckleboo	74.05 174	P	P
BBOO	Buckleboo	74.05 174	P	P
SMG	Wood Farm, Sta	74.09 41	Iamb	Iamb
E09A	Wood Farm, Sta	74.09 41	Iamb	Iamb
CMSA	Cobar Meteorol	74.11 165	P	P
CMSA	Cobar Meteorol	74.11 165	P	P
SOH	Sokhos	74.12 311	P	P
CHOS	Chios Island	74.12 307	P	P
MOA	Molin	74.13 321	Iamb	Iamb
KOGS	Koga	74.14 318	P	P
KNT	Kendrikon	74.15 311	P	P
STIP	Stip	74.20 312	eP	
BOZF	Bodrum	74.21 306	P	P
LODT	Cave Junction	74.21 48	Iamb	Iamb
MSVF	Nonsavu	74.23 132	P	P
MSVF	Nonsavu	74.23 132	P	P
MSVF	Nonsavu	74.23 132	P	P
MSVF	Nonsavu	74.23 132	P	P
MSVF	comp=2.497nm,1.0s	pmax	pmax	
MSVF	Nonsavu	74.23 132	P	P
MSVF	comp=2.347nm,0.9s,baz=290,slow=2.8,SNR=182	LR	LR	
MSVF	comp=2.326nm,21.6s,baz=344,slow=31	LR	LR	
MSVF	comp=2.347nm,0.9s	LR	LR	
GRF	Grafenberg Arr	74.23 323	eP	P
GRFO	Grafenberg	74.23 323	eP	P
GRFO	Grafenberg	74.23 323	eP	P
GRFO	Grafenberg	74.23 323	eP	P
KSXB	Camp Six Broad	74.23 48	Iamb	Iamb
VAY	Valadovo	74.23 311	eP	P
ARG	Arkhangelos	74.25 304	P	P
ARG	Arkhangelos	74.25 304	Iamb	Iamb
KALN	Kalnik	74.25 318	Iamb	Iamb
DAT	Datica	74.26 305	P	P
BLBS	Laz&#263;263;	74.27 315	eP	
LEWI	Lewis, Hebride	74.30 337	eP	
LEWI	Lewis, Hebride	74.30 337	eP	
KASTN	Kahler Asten	74.35 326	eP	P
FRB	Frisher Bay	74.35 8	P	P
FRB	comp=2.666nm,0.9s,baz=350,slow=6.2,SNR=149	LR	LR	
FRB	comp=2.1um,19.4s,baz=358,slow=37	LR	LR	
FRB	comp=2.666nm,0.9s	LR	LR	
ARMA	Armidale	74.37 160	P	P
ARMA	Armidale	74.37 160	Iamb	Iamb
ARMA	Armidale	74.37 160	Iamb	Iamb
DOB	Doboj	74.37 316	eP	
SJES	Sjenica	74.38 314	eP	
WHYH	Whyalla	74.40 173	P	P
HORT	Horiatits	74.41 311	P	P
KRMB	Red Mountain	74.42 48	Iamb	Iamb
A052A	Srbac	74.42 317	eP	
SKO	Skojpe	74.44 312	eP	
MOSL	Moslavina	74.46 318	Iamb	Iamb
RUDO	Rudo	74.46 315	eP	
THE	Thessaloniki	74.46 311	P	P
BIOA	Bad Ischl Aus	74.54 321	eP	
BIOA	comp=2.292nm,0.8s,SNR=112	LR	LR	
GRG	Griva	74.57 311	P	P
SOKA	Soboth	74.58 319	P	P
TAVEU	Taveuni	74.58 125	P	P
TAVEU	comp=2.190nm,1.2s	P	P	
KPL	Ploctkon	74.61 336	eP	Iamb
KPL	Ploctkon	74.61 336	eP	Iamb
BUG	Bochum-Unger	74.65 327	eP	
PTJ	Puntijarka	74.65 318	Iamb	Iamb
NWAO	Narrogin (SRO)	74.68 190	P	P

NWAO	comp=2.434nm,0.9s	Iamb	Iamb	03 41 43.0
NWAO	Narrogin (SRO)	74.68 190	P	P
NWAO	Narrogin (SRO)	74.68 190	P	P
NWAO	comp=2.434nm,1.0s	pmax	pmax	
NWAO	Narrogin (SRO)	74.68 190	P	P
NWAO	Narrogin (SRO)	74.68 190	P	P
NWAO	Narrogin (SRO)	74.68 190	P	P
NWAO	comp=2.330nm,0.9s,baz=5.1,slow=6.4,SNR=77	LR	LR	
NWAO	comp=2.162nm,18.9s,baz=9.0,slow=39	LR	LR	
IVA	Berane	74.68 314	P	P
SKY	Skopje Island	74.69 308	P	P
A051A	Mrakovica	74.70 317	eP	
AUPHS	Peel High Scho	74.83 161	P	P
PVY	Plyval	74.83 314	eP	
BLU	Banja Luka	74.83 317	eP	
NUUK	Nuuk	74.84 0	eP	
NUUK	comp=2.2um,1.0s	IvMB_BB	IvMB_BB	
NUUK	comp=2.249nm,0.8s	Iamb	Iamb	
INVG	Invergelde, C	74.87 335	eP	
INVG	Invergelde, C	74.87 335	eP	
FFC	Fin Flon	74.87 28	P	P
FFC	comp=2.268nm,0.8s	Iamb	Iamb	
FFC	comp=2.225nm,1.1s	IAMS_20	IAMS_20	
FFC	comp=2.974nm,18.0s	pmax	pmax	
FFC	Fin Flon	74.87 28	P	P
A255A	Hotnja, Vukome	74.89 318	Iamb	Iamb
RJOB	Jochberg	74.91 321	P	P
PRUJ	Prjudor	74.92 317	eP	
OBKA	Obir	74.93 319	Iamb	Iamb
OBKA	Obir	74.93 319	Iamb	Iamb
OBKA	Hallett	74.94 171	P	P
HTT	Hallett	74.94 171	P	P
YBH	Yreka Blue Hor	74.95 47	P	P
YBH	comp=2.99nm,0.9s,baz=20,slow=3.1,SNR=332	LR	LR	
KHMM	Horse Mountain	74.95 49	Iamb	Iamb
CRES	Crescent	74.96 318	Iamb	Iamb
ED	Edinburgh	75.01 334	eP	
ED	Edinburgh	75.01 334	eP	
TNS	Tanus Mts	75.06 325	eP	
I07A	Ize	75.08 44	Iamb	Iamb
OZLJ	Ozalj	75.11 318	Iamb	Iamb
KBA	Koelnbreinsper	75		

SANT	comp=Z,802nm,18.0s	IAMS_20	IAMS_20	04 19 42.5					
PENT	Pentalofos 75.79 311 P	P	P	03 41 47.1 -1.7					
WTTA	Wattenberg 75.79 321 i/P	P	P	03 41 49.0 +0.2					
WTTA	comp=Z,301nm,0.8s,SNR=110	i/PKIKP	PKIKP	03 47 34.2 -1.6					
EBEN	comp=Z,2.8nm,0.7s								
EBEN	Eben Enael 75.80 327 dP	P	P	03 41 47.9 +0.5					
MEM	comp=Z,265nm,0.8s								
MEM	Membach 75.80 327 dP	P	P	03 41 47.8 -0.7					
STU	Stuttgart 75.81 324 Iamb	Iamb	Iamb	03 41 49.9					
STU	comp=Z,283nm,0.9s	IAMS_20	IAMS_20	04 17 46.9					
STU	Stuttgart 75.81 324 eP	P	P	03 41 48.8 +0.2					
VLY	comp=Z,676nm,0.9s,baz=43,slow=5.8								
VLY	Voula,Athens 75.81 308 P	P	P	03 41 45.7 -3.1					
KPCM	Caio Peak 75.83 49 Iamb	Iamb	Iamb	03 41 51.3					
KPCM	comp=Z,235nm,0.8s								
KPRO	Kipourio 75.83 311 P	P	P	03 41 46.7 -2.2					
STON	Ston 75.86 315 i/P	P	P	03 41 47.8 -1.1					
STON	Ston 75.86 315 i/P	P	P	03 41 47.6 -1.3					
AXAR	Agios Charalamb 03 41 46.7 -2.5	P	P						
VLL	Villa 75.89 309 P	P	P	03 41 46.2 -3.1					
AGG	Agios Georgios 75.90 310 P	P	P	03 41 47.2 -2.1					
MSO	Missoula 75.92 39 Iamb	Iamb	Iamb	03 41 51.9					
MSO	comp=Z,221nm,1.1s								
MSO	comp=Z,715nm,18.0s	IAMS_20	IAMS_20	04 18 56.2					
MSO	Missoula 75.92 39 P	P	P	03 41 50.0 +0.7					
MAKA	comp=Z,316,SNR=104								
MAKA	Makarska 75.93 316 i/P	P	P	03 41 48.4 -1.0					
MOTA	Miosani 75.93 322 i/P	P	P	03 41 49.8 0.0					
MOTA	comp=Z,244nm,0.8s,SNR=98	eP/KIKP	PKIKP	03 47 34.3 -1.8					
BHO	comp=Z,2.5nm,0.7s								
BHO	Houeguez 76.00 326 dP	P	P	03 41 49.4 -0.2					
BSTI	Sart Tilman 76.00 327 dP	P	P	03 41 49.5 -0.2					
STAL	STALGIAL 76.00 320 Iamb	Iamb	Iamb	03 41 49.8					
NEWG	New Galloway 76.01 334 i/P	P	P	03 41 49.3 -0.3					
NEWG	comp=Z,234nm,0.8s								
MAKR	comp=Z,174nm,0.8s								
MAKR	Makrakomi, Fth 76.02 310 P	P	P	03 41 47.7 -2.3					
SQTA	Sankt Qulin 76.03 322 i/P	P	P	03 41 50.1 +0.1					
LMK	Market Rasen 76.03 332 i/P	P	P	03 41 49.4 -0.3					
LMK	comp=Z,415.1	Iamb	Iamb	03 41 51.4					
RETA	Reutte 76.04 322 i/P	P	P	03 41 50.5 +0.5					
RABC	Rab 76.06 318 i/P	P	P	03 41 49.3 -0.7					
KESW	Keswick, Cumbr 76.08 334 i/P	P	P	03 41 50.0 +0.1					
KESW	comp=Z,599nm,1.0s								
HPK	Haverah Park 76.08 332 i/P	P	P	03 41 50.0 0.0					
HPK	comp=Z,492nm,0.8s								
LSK	Leskovik 76.13 312 P	P	P	03 41 49.4 -1.2					
ZKR	Zakros 76.14 305 P	P	P	03 41 49.1 -1.6					
NVLJ	Novalja 76.15 318 i/P	P	P	03 41 49.6 -0.9					
PLID	Pearl Lake 76.16 41 Iamb	Iamb	Iamb	03 41 54.3					
SMRN	comp=Z,139nm,0.8s								
SMRN	Svetla Marina 76.17 319 P	P	P	03 41 49.6 -1.0					
UBR	Ueberruh 76.20 322 eP	P	P	03 41 51.0 +0.2					
MORI	Morici 76.21 317 i/P	P	P	03 41 50.3 -0.6					
BCLA	Clavier 76.24 327 dP	P	P	03 41 50.4 -0.5					
BCLA	comp=Z,294nm,0.9s	dPcP	PcP	03 42 02.1 -0.9					
VIRC	Vir 76.25 318 i/P	P	P	03 41 50.4 -0.7					
WACR	West Acre 76.27 331 i/P	P	P	03 41 50.5 -0.5					
WACR	comp=Z,378nm,0.8s								
EVR	Evyrtania 76.27 310 P	P	P	03 41 50.2 -1.3					
XMAS	Kiritimati 76.29 99 P	P	P	03 41 52.7 +0.9					
XMAS	Kiritimati 76.29 99 P	P	P	03 41 53.9 +2.1					
HVAR	Hvar 76.31 316 i/P	P	P	03 41 50.5 -0.9					
BGES	Gesves 76.35 327 dP	P	P	03 41 50.7 -1.0					
BGES	comp=Z,92nm,0.9s								
LSTV	Lastovo 76.36 315 i/P	P	P	03 42 06.8					
THAL	Thalero 76.36 309 P	P	P	03 41 51.0 -0.8					
RKGY	Rocky Gully 76.37 190 P	P	P	03 41 52.2 +0.5					
RKGY	comp=Z,78,SNR=6.1								
ROCKY	Rocky Gully 76.37 190 P	P	P	03 41 52.9 +1.2					
EPID	Epidavros 76.37 308 P	P	P	03 41 47.5 -4.5					
ZIRJ	Zirje 76.39 317 i/P	P	P	03 41 51.2 -0.8					
FETA	Feichten 76.39 322 i/P	P	P	03 41 52.2 +0.1					
FETA	comp=Z,137nm,0.8s,SNR=60	eP/KIKP	PKIKP	03 47 34.1 -2.6					
FETA	comp=Z,2.5nm,0.7s								
LKBA	Tubou, Lakemba 76.42 129 P	P	P	03 41 54.7 +2.4					
DUGI	Dugi Otok 76.45 317 i/P	P	P	03 41 51.8 -0.6					
WLF	Walferdange 76.46 326 Iamb	Iamb	Iamb	03 41 53.6					
WLF	comp=Z,128nm,0.8s								
WLF	Walferdange 76.46 326 dP	P	P	03 41 52.4 +0.2					
WLF	comp=Z,19m,19.0s								
WLF	Walferdange 76.46 326 eP	P	P	03 41 51.7 -0.6					
WLF	comp=Z,94nm,0.8s								
WLF	Walferdange 76.46 326 P	P	P	03 41 52.4 +0.2					
WLF	comp=Z,127nm,0.8s,baz=43,slow=5.8								
BRJN	Brijuni 76.47 319 i/P	P	P	03 41 51.6 -0.7					
RCHB	Rochefort 76.47 327 dP	P	P	03 41 51.8 -0.5					
FRMA	comp=Z,120nm,1.1s								
FRMA	Ierapetra Chan 76.51 305 P	P	P	03 41 50.9 -1.8					
KRND	KRANID 76.51 308 P	P	P	03 41 49.4 -3.3					
BFO	Black Forest 76.52 324 P	P	P	03 41 52.5 -0.2					
BFO	comp=Z,806nm,21.0s	IAMS_20	IAMS_20	04 18 16.7					
BFO	Black Forest 76.52 324 P	P	P	03 41 52.5 -0.2					
BFO	comp=Z,473nm,0.8s	pmax	pmax						
BFO	comp=Z,2,473nm,0.8s	MLR	MLR						
BFO	comp=Z,800nm,21.0s								
BFO	Black Forest 76.52 324 P	P	P	03 41 52.9 +0.2					
BFO	comp=Z,509nm,0.8s,baz=43,slow=5.8								
VLO	Vlora 76.53 312 IAMS_20	IAMS_20	IAMS_20	04 20 12.7					
BMRD	Maresdous 76.55 327 dP	P	P	03 41 52.2 -0.5					
LBWR	Ladybower, Pea 76.57 332 i/P	P	P	03 41 52.8 0.0					
LBWR	comp=Z,336nm,0.8s								
HOPS	Hopland Field 76.58 50 Iamb	Iamb	Iamb	03 41 55.3					
DAVA	Damuels 76.59 322 i/P	P	P	03 41 53.6 +0.3					
LAKA	Lakka 76.62 309 P	P	P	03 41 51.5 -1.9					
ELMS	Elmssett, Ipswi 76.63 330 i/P	P	P	03 41 52.5 -0.6					
ELMS	comp=Z,233nm,0.8s								
CLGH	Cloghs, Cushen 76.64 335 i/P	P	P	03 41 53.1 0.0					
CLGH	comp=Z,789nm,0.8s								
KVOR	Kalavryta, Ach 76.66 309 P	P	P	03 41 50.9 -2.8					
WLV	Wild Horse Val 76.67 45 Iamb	Iamb	Iamb	03 41 56.2					
DOU	Dourbes 76.78 327 dP	P	P	03 41 53.5 -0.6					
ELMT	Elliston 76.82 39 P	P	P	03 41 55.6 +1.0					
IOMK	Kirk Michael 76.83 334 i/P	P	P	03 41 54.1 -0.2					
IOMK	comp=Z,123nm,0.9s								
IOMK	comp=Z,754nm,1.1s								
IDI	Anoyia 76.85 305 i/P	P	P	03 41 53.8 -0.9					
IDI	Anoyia 76.85 305 P	P	P	03 41 51.9 -2.9					
IDI	Anoyia 76.85 305 P	P	P	03 41 53.4 -1.3					
IDI	comp=Z,780nm,18.0s	IAMS_20	IAMS_20	04 20 33.6					
IDI	Anoyia 76.85 305 P	P	P	03 41 53.5 -1.3					
IDI	comp=Z,324nm,0.9s,baz=32,slow=13,SNR=109	LR	LR	04 20 27.4					
GDXM	Geyssers 76.87 50 Iamb	Iamb	Iamb	03 41 58.1					
KEK	Kerkira 76.88 312 P	P	P	03 41 54.4 -0.4					
KEK	Kerkira 76.88 312 IAMS_20	IAMS_20	IAMS_20	04 19 09.0					
MGCD	Mangrove Creek 76.90 161 P	P	P	03 41 56.6 +1.9					

MGCD	Mangrove Creek 76.90 161 P	P	P	03 41 55.8 +1.1					
CWF	Charnwood Fore 76.96 332 i/P	P	P	03 41 54.2 -0.8					
CWF	comp=Z,213nm,0.8s	Iamb	Iamb	03 41 55.2					
WIM	Eagleton 76.96 334 i/P	P	P	03 41 54.9 -0.1					
EGMT	comp=Z,304nm,0.9s								
EGMT	comp=Z,19m,19.0s	IAMS_20	IAMS_20	04 18 36.6					
EGMT	comp=Z,319,SNR=103								
EGMT	76.96 36 P	P	P	03 41 55.7 +0.5					
DAVOX	Davos/Dischmat 76.97 322 P	P	P	03 41 55.5 +0.1					
DAVOX	comp=Z,336nm,0.7s,baz=41,slow=3.4,SNR=319	LR	LR	04 20 35.5					
DAVOX	comp=Z,2um,20.1s,baz=34,slow=39								
DAVOX	comp=Z,336nm,0.7s								
STNC	Stoke 76.99 332 i/P	P	P	03 41 55.2 0.0					
STNC	comp=Z,378nm,0.9s								
LKD2	Lefkada island 77.02 310 P	P	P	03 41 53.5 -2.1					
NYDR	Nydra-Lefkada 77.05 310 P	P	P	03 41 53.5 -2.2					
RLS	Rilos of Patr 77.05 309 P	P	P	03 41 53.9 -1.8					
H01W3	Cape Leeuwin H 77.06 193 P	P	P	03 41 56.3 +1.0					
H01W1	Cape Leeuwin H 77.07 193 P	P	P	03 41 56.6 +1.3					
H01W2	Cape Leeuwin H 77.08 193 P	P	P	03 41 56.3 +1.0					
H01W2	comp=Z,19,slow=4.8,SNR=7.5								
H01W2	comp=Z,19,slow=4.8,SNR=8.6								
ORW	Oroville 77.10 48 Iamb	Iamb	Iamb	03 41 57.1					
ECH	Echery 77.12 324 Iamb	Iamb	Iamb	03 41 57.1					
ECH	comp=Z,226nm,0.9s								
ECH	comp=Z,1um,20.0s	IAMS_20	IAMS_20	04 18 46.7					
EVGI	Lefkada island 77.13 310 P	P	P	03 41 53.2 -3.0					
MCCM	Marconi Confer 77.17 50 Iamb	Iamb	Iamb	03 41 58.6					
IMMV	comp=Z,234nm,0.8s								
IMMV	Imvros 77.29 306 P	P	P	03 41 55.2 -2.0					
KTHA	Kythira Island 77.31 307 P	P	P	03 41 54.4 -2.9					
YNG	Young 77.33 164 P	P	P	03 41 59.3 +2.2					
YNG	comp=Z,1418nm,0.8s								
YNG	Young 77.33 164 P	P	P	03 41 58.8 +1.7	</				





3d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H43A Windswept, ETOB Tobar, G45A Suttans Bay, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RAR Rarotonga, P38A Dawn, SADO Sadowa, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MESJ West of Eustis, G62A West of Eustis, KMBQ Kilima Mbo, etc.

J57A	Williamstown baz=342,SNR=37	92.69	18	P	P	03 43 14.3	-0.3
J57A	baz=342,SNR=37			P	P	03 43 14.3	-0.3
RPZ	Rata Peaks baz=336,SNR=151	92.70	151	P	P	03 43 15.0	+0.6
RPZ	Rata Peaks comp=2.64nm,0.8s,baz=332,slow=1.2,SNR=16	92.70	151	P	P	03 43 14.7	+0.3
RPZ	comp=Z,14nm,0.9s,baz=156,slow=5.9,SNR=3.4			PP	PP	03 46 57.6	+0.8
RPZ	LR comp=Z,284nm,21.4s,baz=358,slow=30			LR	LR	04 16 48.6	
MORF	Marlette comp=Z,64nm,0.8s	92.71	328	eP	P	03 43 14.2	-0.7
MORF	Marlette	92.71	328	eP	P	03 43 14.2	-0.7
MORF				IAMS_20	IAMS_20	04 30 45.2	
SLM	Saint Louis comp=Z,147nm,1.0s	92.73	30	P	P	03 43 15.1	+0.1
SLM	Saint Louis baz=332,SNR=9.4	92.73	30	P	P	03 43 15.1	+0.1
OXZ	Oxford comp=Z,124nm,1.0s	92.73	150	IAMB	IAMB	03 43 16.1	
PECS	Pecos comp=Z,157nm,0.8s	92.74	43	IAMB	IAMB	03 43 17.6	
LBNH	Lisbon comp=Z,196nm,1.4s	92.76	15	IAMB	IAMB	03 43 16.6	
LBNH	comp=Z,829nm,19.0s			IAMS_20	IAMS_20	04 27 15.5	
LBNH	Lisbon baz=344,SNR=22	92.76	15	P	P	03 43 15.4	+0.4
LBNH	Lisbon baz=344,SNR=22	92.76	15	P	P	03 43 15.4	+0.4
N49A	Columbus Grove comp=Z,845nm,20.0s	92.77	25	IAMS_20	IAMS_20	04 27 28.0	
N49A	Columbus Grove baz=336,SNR=60	92.77	25	P	P	03 43 15.3	+0.2
N49A	comp=Z,336,SNR=60			P	P	03 43 15.3	+0.2
ODSA	Odessa comp=Z,87nm,0.8s	92.81	42	IAMB	IAMB	03 43 17.4	
MCVT	Middlebury Col baz=344,SNR=39	92.83	16	P	P	03 43 15.3	0.0
TUL3	Leonard baz=328,SNR=73	92.84	35	P	P	03 43 16.4	+0.8
TUL3	Leonard baz=328,SNR=73	92.84	35	P	P	03 43 16.3	+0.8
CCM	Cathedral Cave comp=Z,145nm,0.9s	92.85	31	P	P	03 43 15.9	+0.3
CCM	Cathedral Cave comp=Z,539nm,20.0s	92.85	31	IAMS_20	IAMS_20	04 29 44.8	
CCM	Cathedral Cave comp=Z,145nm,0.9s	92.85	31	P	P	03 43 15.9	+0.3
CCM	Cathedral Cave baz=331	92.85	31	P	P	03 43 15.8	+0.3
CCM	Cathedral Cave baz=331,SNR=88	92.85	31	P	P	03 43 15.6	+0.1
WVL	Waterville baz=346,SNR=15	92.86	13	P	P	03 43 15.1	-0.3
ERPA	Erie comp=Z,959nm,19.0s	92.89	21	IAMS_20	IAMS_20	04 27 49.2	
ERPA	Erie baz=339,SNR=15	92.89	21	P	P	03 43 15.5	-0.2
ERPA	Erie baz=339,SNR=15	92.89	21	P	P	03 43 15.5	-0.2
J58A	Remsen comp=Z,128nm,1.0s	92.90	18	IAMB	IAMB	03 43 17.0	
J58A	Remsen comp=Z,772nm,18.0s	92.90	18	P	P	03 43 15.2	-0.4
J58A	Remsen baz=342,SNR=30	92.90	18	P	P	03 43 15.2	-0.4
Q44A	Meyer Farm, Va comp=Z,181nm,1.1s	92.94	29	IAMB	IAMB	03 43 17.4	
Q44A	Meyer Farm, Va comp=Z,848nm,20.0s	92.94	29	P	P	03 43 16.1	+0.2
Q44A	Meyer Farm, Va baz=332,SNR=39	92.95	27	IAMB	IAMB	03 43 17.4	
P46A	Rosedale comp=Z,129nm,0.8s	92.95	27	IAMS_20	IAMS_20	04 26 50.0	
P46A	Rosedale comp=Z,129nm,0.8s	92.95	27	P	P	03 43 16.2	+0.2
R60	Rose Lake baz=334,SNR=34	92.95	34	IAMB	IAMB	03 43 18.0	
R60	Rose Lookout comp=Z,144nm,1.1s	92.97	17	IAMB	IAMB	03 43 17.6	
J59A	Piesco comp=Z,138nm,1.0s	92.97	17	IAMS_20	IAMS_20	04 29 24.1	
J59A	Piesco comp=Z,917nm,18.0s	92.97	17	P	P	03 43 15.5	-0.5
J59A	Piesco baz=342	92.98	34	IAMS_20	IAMS_20	04 30 38.5	
U38A	Gravette comp=Z,875nm,18.0s	92.98	34	P	P	03 43 16.5	+0.3
U38A	Gravette baz=329,SNR=144	92.98	34	P	P	03 43 15.7	-0.7
APMT	Aspermont comp=Z,83nm,0.8s	93.02	39	IAMB	IAMB	03 43 18.0	
SN01	Snyder comp=Z,53nm,0.9s	93.03	40	IAMB	IAMB	03 43 18.1	
X314	Smith Ranch, M comp=Z,138nm,1.0s	93.03	37	IAMB	IAMB	03 43 18.9	
M52A	Chesterland baz=338,SNR=36	93.05	22	P	P	03 43 16.8	+0.5
M52A	comp=Z,338,SNR=36			P	P	03 43 16.8	+0.5
Q48B	Farmland baz=335,SNR=44	93.06	26	P	P	03 43 16.4	0.0
Q48B	Farmland baz=335,SNR=44	93.06	26	P	P	03 43 15.7	-0.7
EMMW	East Machias comp=Z,834nm,19.0s	93.08	12	P	P	03 43 16.6	+0.2
EMMW	East Machias baz=348,SNR=6.9	93.14	7	IAMB	IAMB	03 43 17.9	
GBN	Guysborough comp=Z,152nm,1.1s	93.18	324	P	P	03 43 16.0	-1.2
CHEFC	Chefchaouen comp=Z,120nm,1.1s	93.20	14	IAMS_20	IAMS_20	04 29 15.0	
I63A	Otisfield comp=Z,690nm,18.0s	93.20	14	P	P	03 43 17.2	+0.2
I63A	Otisfield baz=345,SNR=67	93.20	14	P	P	03 43 17.2	+0.2
I63A	comp=Z,345,SNR=67			P	P	03 43 17.2	+0.2
HNH	Hanover comp=Z,130nm,1.0s	93.21	15	IAMB	IAMB	03 43 18.7	
HNH	Hanover comp=Z,992nm,18.0s	93.21	15	P	P	03 43 17.7	+0.7
HNH	Hanover baz=344,SNR=42	93.21	15	P	P	03 43 17.7	+0.7
K57A	Scipio Center comp=Z,120nm,1.1s	93.21	19	IAMB	IAMB	03 43 17.9	
K57A	Scipio Center comp=Z,708nm,18.0s	93.21	19	P	P	03 43 16.7	-0.3
FVM	French Village comp=Z,93nm,1.1s	93.23	30	P	P	03 43 18.8	
FVM	French Village baz=332,SNR=28	93.23	30	P	P	03 43 17.4	+0.1
I62A	Tamworth comp=Z,112nm,1.1s	93.23	15	IAMB	IAMB	03 43 18.7	
I62A	Tamworth comp=Z,686nm,22.0s	93.23	15	P	P	03 43 17.4	+0.2
I62A	Tamworth baz=345,SNR=31	93.23	15	P	P	03 43 17.4	+0.2
ACCN	Adirondack Com comp=Z,117nm,1.0s	93.23	16	IAMB	IAMB	03 43 18.4	
ACCN	Adirondack Com baz=343,SNR=36	93.23	16	P	P	03 43 17.2	0.0
MGMO	Mountain Grove comp=Z,140nm,1.0s	93.23	32	IAMB	IAMB	03 43 18.8	
MGMO	Mountain Grove comp=Z,899nm,21.0s	93.28	21	P	P	03 43 17.4	0.0
ALLY	Alegheny Coll baz=335,SNR=55	93.32	23	P	P	03 43 17.7	0.0
N51A	Ashland baz=337,SNR=28	93.32	23	P	P	03 43 17.7	0.0
N51A	Ashland comp=Z,337,SNR=28			P	P	03 43 17.7	0.0
M53A	WI Miller and	93.33	22	P	P	03 43 17.8	+0.1

TDR	Tendara baz=338,SNR=46	93.37	321	P	P	03 43 18.0	-0.3
O49A	Covington comp=Z,149nm,0.9s	93.38	25	IAMS_20	IAMS_20	04 30 50.4	
O49A	Covington comp=Z,903nm,18.0s	93.38	25	P	P	03 43 18.0	+0.1
O49A	Covington baz=336,SNR=60	93.38	25	P	P	03 43 18.0	+0.1
OLIL	Olney comp=Z,135nm,0.9s	93.42	28	IAMB	IAMB	03 43 19.7	
OLIL	Olney baz=333,SNR=27	93.42	28	P	P	03 43 18.6	+0.5
WTF5	Wichita Falls comp=Z,279nm,1.8s	93.44	38	IAMB	IAMB	03 43 20.0	
J61A	Chester comp=Z,132nm,1.0s	93.50	16	IAMB	IAMB	03 43 20.1	
J61A	Chester comp=Z,691nm,20.0s	93.50	16	P	P	03 43 18.8	+0.4
J61A	Chester baz=344,SNR=34	93.50	16	P	P	03 43 18.8	+0.4
J61A	Chester baz=344,SNR=34	93.51	19	IAMB	IAMB	03 43 19.8	
L56A	Greenwood comp=Z,178nm,0.9s	93.51	19	IAMS_20	IAMS_20	04 28 10.5	
L56A	Greenwood comp=Z,768nm,21.0s	93.51	19	P	P	03 43 18.2	-0.3
L56A	Greenwood baz=340,SNR=56	93.51	19	P	P	03 43 18.2	-0.3
PAOC	Oil Creek Stat baz=339	93.54	21	P	P	03 43 18.2	-0.4
FFD	Franklin Falls comp=Z,130nm,1.1s	93.56	15	IAMB	IAMB	03 43 21.0	
FFD	Franklin Falls comp=Z,822nm,19.0s	93.56	15	IAMS_20	IAMS_20	04 27 59.5	
FFD	Franklin Falls baz=345,SNR=17	93.56	15	P	P	03 43 18.7	0.0
BLO	Bloomington comp=Z,132nm,0.9s	93.58	27	IAMB	IAMB	03 43 20.3	
ALPN	Alpine comp=Z,48nm,0.9s	93.65	44	IAMB	IAMB	03 43 21.7	
SGCY	Sterling City comp=Z,195nm,0.8s	93.68	41	IAMB	IAMB	03 43 21.3	
U40A	Yellville baz=330,SNR=250	93.69	33	P	P	03 43 19.9	+0.5
U40A	Yellville baz=330,SNR=250	93.69	33	P	P	03 43 19.9	+0.5
P48A	Milroy comp=Z,131nm,0.9s	93.69	26	IAMB	IAMB	03 43 20.5	
P48A	Milroy baz=335,SNR=43	93.69	26	P	P	03 43 18.5	-0.9
P48A	Milroy comp=Z,335,SNR=43			P	P	03 43 18.5	-0.9
ODZ	Otahua Downs baz=335,SNR=43	93.70	152	P	P	03 43 20.7	+1.8
HCNY	Howe Caverns comp=Z,131nm,0.9s	93.73	17	P	P	03 43 18.4	-1.1
FIGM	Figui comp=Z,156nm,0.9s	93.74	320	P	P	03 43 19.0	-0.9
ACSO	Alum Creek Sta comp=Z,147nm,21.0s	93.77	24	IAMS_20	IAMS_20	04 27 34.5	
ACSO	Alum Creek Sta comp=Z,147nm,21.0s	93.77	24	P	P	03 43 19.8	+0.1
ACSO	Alum Creek Sta baz=336,SNR=58	93.77	24	P	P	03 43 19.8	+0.1
T42A	Van Buren comp=Z,529nm,20.0s	93.81	31	IAMS_20	IAMS_20	04 31 05.0	
T42A	Van Buren comp=Z,529nm,20.0s	93.81	31	P	P	03 43 20.4	+0.5
ABTX	Abilene, Hawle comp=Z,83nm,0.8s	93.82	39	IAMB	IAMB	03 43 22.0	
ABTX	Abilene, Hawle baz=326,SNR=26	93.82	39	P	P	03 43 20.8	+0.7
ABTX	Abilene, Hawle baz=326,SNR=26	93.82	39	P	P	03 43 20.6	+0.4
M55A	Ridgway comp=Z,156nm,0.9s	93.83	21	IAMB	IAMB	03 43 21.0	
M55A	Ridgway baz=340,SNR=48	93.83	21	P	P	03 43 19.8	-0.2
M55A	Ridgway baz=340,SNR=48	93.83	21	P	P	03 43 19.8	-0.2
LOOK	Love County comp=Z,70nm,0.8s	93.83	37	IAMB	IAMB	03 43 22.9	
BINY	Binghamton comp=Z,111nm,1.0s	93.84	18	IAMB	IAMB	03 43 21.0	
BINY	Binghamton comp=Z,802nm,21.0s	93.84	18	P	P	03 43 19.8	-0.2
BINY	Binghamton baz=341,SNR=26	93.84	18	P	P	03 43 19.8	-0.2
BINY	Binghamton baz=341,SNR=26	93.86	26	IAMB	IAMB	03 43 21.2	
P49A	Miami Univ. Ec comp=Z,104nm,0.9s	93.86	26	P	P	03 43 20.1	0.0
P49A	Miami Univ. Ec comp=Z,335,SNR=11	93.86	26	P	P	03 43 20.1	0.0
P49A	Miami Univ. Ec baz=335,SNR=11	93.86	26	P	P	03 43 20.1	0.0
TRY	Troy comp=Z,98nm,1.0s	93.86	17	IAMB	IAMB	03 43 21.3	
TRY	Troy comp=Z,858nm,19.0s	93.86	17	P	P	03 43 20.1	+0.1
TRY	Troy baz=341,SNR=21	93.87	22	P	P		

3d 3h

2017 SEP

Table with columns for race number, name, date, time, and other details. Includes entries like UCCT, BRYW, PEBM, FW13, R50A, PPT, Q52A, Q52A, Q52A, PPT2, PPT2, GNFAR, GNFAR, GNFAR, FW14, GLAT, L64A, L64A, L64A, MCWV, MCWV, MCWV, ODNJ, ODNJ, FW16, BRDY, LNXT, LNXT, TRNY, TRNY, UALR, HBAR, HBAR, X40A, X40A, T47A, T47A, T47A, SLBS, WHTX, WHTX, WHTX, WSPST, Z38A, Z38A, Z38A, PAL, PAL, PAL, HALT, HALT, M63A, LUPA, LUPA, JCT, JCT, JCT, JCT, Q54A, Q54A, Q54A, FOR, M65A, BRNJ, BRNJ, AVE, AVE, N62A, CPNY, R53A, R53A, R53A, WVT, WVT, WVT, WVT, PANJ, PANJ, WLAR, P57A.

Table with columns for race number, name, date, time, and other details. Includes entries like P57A, MET, S51A, S51A, S51A, DRIO, Q56A, WUPA, T50A, T50A, T50A, PSUB, 237A, 237A, 237A, 237A, OPO, OPO, GEDE, U49A, U49A, U49A, U49A, CCAR, CCAR, 435B, TAOE, Z41A, Z41A, CLTN, ABPO, ABPO, ABPO, R55A, R55A, R55A, S54A, S54A, S54A, SRHM, H480, V48A, V48A, V48A, MBAR, MBAR, MBAR, MBAR, MBAR, MBAR, MBAR, OXF, OXF, OXF, OXF, PLAL, PLAL, NATX, NATX, NATX, TZTN, TZTN, TZTN, Y45A, Y45A, S57A, S57A, CBN, CBN, CBN, CBN, BLA, BLA, BLA, BLA, PGRA, SWET, SWET, R58B, R58B, R58B, OUZM, V51A.

Table with columns for race number, name, date, time, and other details. Includes entries like V51A, PAGU, PSBA, PSCM, 143A, 143A, 833A, 833A, ZGR, TAM, TAM, TAM, ADH, U54A, U54A, U54A, W50A, W50A, V52A, V52A, X48A, X48A, X48A, CPCT, TKL, TKL, TKL, ROSA, ROSA, H07S1, PMAN, 735A, BART, HKT, HKT, HKT, HKT, T57A, T57A, PID, CALA, PSET, PPNO, CMLA, PICO, HOR, PDA, V53A, V53A, V53A, V53A, U56A, U56A, U56A, V55A, V55A, V55A, Z47A, Z47A, T59A, T59A, T59A, Y49A, T60A, T60A, T60A, PSMN, PSMN, PSMN, BG3, CASEE, 344A, 344A.





USSS 03 03:56:09.8;1.0,42.62N;02:11:44W;0.03,h8km,8km, Error ellipse: s-maj=3.1km s-min=2.0km az=113.0 NEIC 03 03:56:09.1-0.9,42.64N;02:11:49W;0.02,h10km,2km, ML2.6/48,ML2.6/11(USSS), Error ellipse: s-maj=3.5km s-min=3.1km az=19.0,Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Auburn Hatcher, Bear River Ran, Black Mountain, etc.

USSS 03 03:56:33.4;2.2,42.63N;02:11:43W;0.03,h6km,1km, Error ellipse: s-maj=3.9km s-min=2.9km az=294.0 NEIC 03 03:56:31.6;1.6,42.61N;02:11:48W;0.04,h10km,2km, ML2.7/38,ML2.7/8(USSS), Error ellipse: s-maj=5.9km s-min=3.1km az=125.0,Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Auburn Hatcher, Bear River Ran, Black Mountain, etc.

DDA 03 03:57:24.2;0.0,36.88N;27.40E,h7km,2km,ML2.1 THE 03 03:57:24.5,36.89N;27.43E,h7km,ML2.4/3 THE 03 03:57:24.5,36.88N;27.40E,h10km,ML2.4/2, Error ellipse: s-maj=1.1km s-min=0.4km az=53.0 ISC 03 03:57:24.1;0.8,36.89N;02:27.42E;0.03,h10km,n36, 0580/50, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Auburn Hatcher, Bear River Ran.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Kemer-Bodrum, Kayabasi, Bodrum, etc.

DDA 03 03:57:58.1;0.0,38.98N;28.05E,h7km,4km,ML1.5 ISK 03 03:57:58.4,38.98N;28.02E,h11km,ML1.8/12,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Akhisar, Balikesir, Bursa, etc.

IDC 03 04:01:26.9;1.4,10.80S;164.13E,h0km,mb3.8/5, mbmp3.8/6,ML3.9/1,MS4/02, Error ellipse: s-maj=46.6km s-min=28.6km az=121.0 ISC 03 04:01:31.1;1.0,11.00S;164.20E;0.2,h2km,n15, 0.1358/8,mb3.7/5,Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like DZM, H1S2, H1S3, etc.

NEIC 03 04:11:53.2;2.1,42.65N;02:11:46W;0.04,h9km,11km, ML2.9/79,ML2.8/13(USSS), Error ellipse: s-maj=4.2km s-min=2.8km az=115.0 USSS 03 04:11:53.5;2.3,42.66N;02:11:47W;0.06,h9km,8km, Error ellipse: s-maj=7.6km s-min=0.6km az=114.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Auburn Hatcher, Bear River Ran.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Cokeville, Black Mountain, Malad Range, etc.

NEIC 03 04:12:32.3;1.8,42.58N;02:10:11:39W;0.05,h10km,2km, ML2.9/38,ML3.1/12(USSS), Error ellipse: s-maj=7.5km s-min=3.1km az=119.0 USSS 03 04:12:33.6;2.2,42.61N;02:11:44W;0.05,h6km,1km, Error ellipse: s-maj=7.4km s-min=2.9km az=303.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC, h m s, ISC. Lists stations like Auburn Hatcher, Bear River Ran, Black Mountain, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RDMU, YNE, MPU, DUG, NLU, DLMT, BOZ, P18A, MFID, RWY, TMUT, ELK, O20A, ELMT, MVU, SPR3, N23A, MSO, PHWY, BMO, BMN, SMCO, NVAR, ULM, TXAR.

IDC 03 04:21:59.1z, 2.4, 42.97N, 111.64W, h0km, mbtmp3.1/4, M2.9/4, Error ellipse: s-maj=36.2km s-min=6.2km az=166.0

NEIC 03 04:22:00.9z, 2.1, 42.66N, 102.11W, 49W, 0.5, h10km, 2km, ML3.3/80, ML3.5/16(USS), Error ellipse: s-maj=5.8km s-min=3.1km az=108.0

UUSS 03 04:22:02.1z, 2.6, 42.64N, 102.11W, 47W, 0.03, h6km, 1km, Error ellipse: s-maj=4.6km s-min=2.9km az=125.0

ISC 03 04:22:01.3z, 0.7, 42.66N, 102.11W, 53W, 0.02, h10km, n95, r136/93, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID, BEI, BMUT, L17A, REDW, HDU, NPI, PTU, FXWY, HWUT, WYVUT, LTU, MCU, MOU, HUU, HMW, BW06, PD31, PDAR, SPUT, YFT, H17A, CTU.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTU, BGU, LKWI, YNR, BSUT, HLID, HLID, YMP, RDMU, YNE, MPU, DUG, DUG, NLU, DLMT, DLMT, BOZ, BOZ, BOZ, P18A, P18A, MFID, MFID, RWY, TMUT, ELK, ELK, ELK, O20A, O20A, SRU, K22A, ELMT, BPMT, PLID, PLID, TORU, MVU, SPR3, CHMT, PSUT, MSO, OVMT, N23A, N23A, MTPU, BMO, BMO, RWY, BMN, J08A, WWOR, R11B, RSSD, W22A, Q24A, Q24A, KVN, U15A, TPH, PAHR, NVAR, NVAR, NVAR, SHRP, ANMO, ANMO, ANMO, TXAR, SNET, UCR, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNNG, RANC, PACO, FAGO, NUBE, ABE2, MWH, MLOA, ALEP, AIN, AIN, KKHU, KKHU, KKHU, HMH, HMH, HMH, MLH, MLH, MLH, WRMH, WRMH, WRMH, SDHI, HLP, HLP, KHLU, KHLU, UWB, UWB, RSD, RSD, RSD, RIM, SBLH, SBLH, KKO, KKO, HATH, HATH, HATH, HUH, HUH, POHA, POHA, PUH, PUH, PUH, STCH, STCH, STCH, JOKA, WHZ, WHZ, KNZ, MHGZ, MHGZ, ARHZ, PRGZ, RAHZ, SHNGZ, NMHZ, RIGZ, BKZ, RTZ, KRHZ, MRHZ, MWZ, CNGZ, MUGZ, WPHZ, RITZ, URZ, BHHZ, PRHZ, PNHZ, HATZ, ALRZ, PRRZ, TWGZ, RRRZ, WPRZ, RITZ, HRRZ, MOVZ, EDZ, RUGZ, WHZ, KRZ, TSZ, HLRZ, DVHZ, DMVZ, HSRZ, RATZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OTVZ, NTVZ, MKRZ, KATZ, SNVZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISK, DDA, GRAL, NIC, Gil, ISC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMAOB, YUREGIR, KRMM, OSCZ, etc.

IDC 03 04:52:36.2, 7.3, 21.48N; 143.76E, h216km, 6.7km, mb3.3/5, mbmp3.8/6, Error ellipse: s-maj=68.3km s-min=15.8km

ISC 03 04:52:33.8, 1.6, 21.5N; 0.2x144.0E; 0.5, h200km, n7, az=41/7, mb3.4/5, Mariana Islands region

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

JMA 03 04:56:42.6, 0.3, 26.4N; 0.7, 128.9E; 0.9, h26km, 3km, MV3.1/4, NEAR OKINAWAJIMA ISLAND

IDC 03 04:56:45.2, 2.6, 85N; 128.44E, h73km, 17km, mb3.2/3, mbmp3.5/3, Error ellipse: s-maj=67.4km s-min=28.6km az=70.0

ISC 03 04:56:42.6, 0.9, 26.37N; 0.06, 128.93E; 0.04, h20km, 10km, n15, az=0568/23, mb3.6/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOW, JYRO, JNTH, JOKE, etc.

IDC 03 05:26:06.5, 2.3, 5.25S; 146.36E, h116km, 2.1km, mb3.4/4, mbmp3.8/7, MS3.3/1, Error ellipse: s-maj=28.9km s-min=13.2km az=59.0

ISC 03 05:26:05.2, 1.1, 5.25S; 0.1, 146.5E; 0.1, h100km, n9, az=192/10, mb3.6/4, Eastern New Guinea region

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

IDC 03 05:33:18.5, 3.6, 38.70N; 122.99W, h0km, mbmp3.0/3, ML3.0/2, Error ellipse: s-maj=49.8km s-min=29.7km az=14.0

NCEDC 03 05:33:18.8, 1.5, 38.81N; 0.01, 122.82W; 0.02, h2km, 6km, ML2.8/3, ML2.8/2(NEIC), Error ellipse: s-maj=2.9km s-min=1.8km az=02.0

NEIC 03 05:33:19.3, 1.7, 39.79N; 0.02, 122.86W; 0.03, h16km, 2km, CVS, Error ellipse: s-maj=3.0km s-min=2.5km az=72.0

ISC 03 05:33:18.5, 0.9, 38.78N; 0.02, 122.87W; 0.02, h10km, n103, az=1909/102, Northern California

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

IDC 03 05:26:06.5, 2.3, 5.25S; 146.36E, h116km, 2.1km, mb3.4/4, mbmp3.8/7, MS3.3/1, Error ellipse: s-maj=28.9km s-min=13.2km az=59.0

ISC 03 05:26:05.2, 1.1, 5.25S; 0.1, 146.5E; 0.1, h100km, n9, az=192/10, mb3.6/4, Eastern New Guinea region

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

IDC 03 05:33:18.5, 3.6, 38.70N; 122.99W, h0km, mbmp3.0/3, ML3.0/2, Error ellipse: s-maj=49.8km s-min=29.7km az=14.0

NCEDC 03 05:33:18.8, 1.5, 38.81N; 0.01, 122.82W; 0.02, h2km, 6km, ML2.8/3, ML2.8/2(NEIC), Error ellipse: s-maj=2.9km s-min=1.8km az=02.0

NEIC 03 05:33:19.3, 1.7, 39.79N; 0.02, 122.86W; 0.03, h16km, 2km, CVS, Error ellipse: s-maj=3.0km s-min=2.5km az=72.0

ISC 03 05:33:18.5, 0.9, 38.78N; 0.02, 122.87W; 0.02, h10km, n103, az=1909/102, Northern California

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Point Reyes, Clark Valley, Three Chop Rid, etc.

IDC 03 05:40:04.8:72.0, 17.77S:176.25W, h524km, 101km, mb2.8/3, mbtmp3.8/4, Error ellipse: s-maj=1155.0km s-min=156.7km az=79.0, Fiji Islands region

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

IDC 03 06:04:35.4:0.7, 42.76N:111.47W, h0km, mbtmp3.1/7, ML2.6/7, Error ellipse: s-maj=11.6km s-min=5.5km az=171.0

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

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like AHID, BEI, L17A, BMUT, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like ANMO, ULM, TXAR, NEIC, UUSS, etc.



Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Camp Tracy, Big Grassy Mtn, LKwy Lake, Blindstream Ca, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Lac du Bonnet, Dease Lake, Quiet Lake, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Salem, Bokoro, Shilong, etc.





DBO	Dodson Butte	2.84	93	Pn	Pn	08 02 42.8	-1.9
DBO	comp=E,178nm,0.7s			IAML		08 03 19.2	
DBO	comp=N,120nm,0.8s			IAML		08 03 25.2	
L02F	Cave Junction	2.89	114	IAML	Pn	08 02 44.2	-1.1
L02F	comp=E,114nm,1.9s			IAML		08 03 22.9	
KRMB	Red Mountain	3.00	127	Pn	Pn	08 02 45.8	-1.2
COR	Corvallis	3.02	65	Pn	Pn	08 02 46.1	-0.9
COR	Corvallis	3.02	65	IAML		08 02 45.8	-1.3
COR	comp=E,177nm,0.8s			IAML		08 03 01.5	
COR	comp=E,194nm,0.7s			IAML		08 03 02.0	
HEBO	Mount Hebo	3.05	51	IAML	Pn	08 02 46.0	-1.6
HEBO	comp=E,233nm,0.5s			IAML		08 03 27.1	
HEBO	comp=N,224nm,1.2s			IAML		08 03 27.2	
BUCK	Buck Mountain	3.11	73	Ph	Pn	08 02 47.5	-0.9
BUCK	comp=N,170nm,0.6s			IAML		08 03 29.3	
BUCK	comp=E,182nm,0.9s			IAML		08 03 33.5	
KRPM	Rodgers	3.18	133	Ph	Pn	08 02 48.8	-0.5
G03D	McMinnville, O	3.33	55	IAML		08 02 50.2	-1.2
G03D	comp=E,202nm,0.9s			IAML		08 03 40.9	
H04D	Lebanon	3.37	68	Ph	Pn	08 02 51.3	-0.7
JCC	Jacoby Creek	3.42	137	Ph	Pn	08 02 53.2	+0.6
I04A	Tendick Farm,	3.45	81	Pn	Pn	08 02 52.2	-0.8
KHMM	Horse Mountain	3.53	133	Ph	Pn	08 02 54.3	0.0
F03A	Seaside	3.62	43	Pn	Pn	08 02 54.4	-1.0
YBH	Yreka Blue Hor	3.64	115	Ph	Pn	08 02 55.9	+0.2
YBH	Yreka Blue Hor	3.64	115	Ph	Pn	08 02 55.8	+0.1
YBH	comp=E,3.8nm,0.3s,baz=293,slow=14,SNR=221			Sn	Sn	08 03 38.5	0.0
YBH	comp=E,1.7nm,0.3s,baz=113,slow=16,SNR=7.9			LR	LR	08 04 15.5	
YBH	comp=E,189nm,20.1s,baz=298,slow=38			LR	LR		
KMPM	Mount Pierce	3.69	142	Ph	Pn	08 02 56.4	0.0
L04D	Klamath Falls	3.72	106	Ph	Pn	08 02 56.9	-0.9
H04A	Detroit Lake	3.79	68	Ph	Pn	08 02 57.5	-0.3
H04A	comp=E,172nm,0.4s			IAML		08 03 20.3	
H04A	comp=N,177nm,1.0s			IAML		08 03 25.7	
RADR	Rader Ridge	3.87	36	Pn	Pn	08 02 57.7	-1.1
F04D	Rainier, OR	4.00	46	Pn	Pn	08 02 59.7	-0.9
KMRM	Mali Ridge	4.04	140	Pn	Pn	08 03 01.5	+0.3
F04A	Amboy	4.23	51	Ph	Pn	08 03 03.2	-0.5
J05D	Fort Rock, OR	4.29	89	Ph	Pn	08 03 03.7	-1.1
I05D	Terrebonne, OR	4.29	75	IAML		08 03 04.2	-0.5
I05D	comp=N,78nm,1.0s			IAML		08 03 35.1	
I05D	comp=E,85nm,0.8s			IAML		08 03 36.3	
HOOD	Mount Hood Mea	4.38	61	Ph	Pn	08 03 05.5	-0.5
WISH	Wishkah	4.44	31	Ph	Pn	08 03 05.5	-1.2
PINE	Pine Mountain	4.51	82	Ph	Pn	08 03 06.5	-1.2
PINE	comp=E,73nm,0.7s			IAML		08 03 39.5	
PINE	comp=N,62nm,0.9s			IAML		08 03 44.8	
KCPM	Cahto Peak	4.52	143	IAML		08 04 07.9	
KCPM	comp=E,27nm,3.9s			IAML		08 05 42.3	
G05A	Wamic	4.57	64	Ph	Pn	08 03 08.4	-0.1
G05A	comp=N,96nm,0.9s			IAML		08 03 37.1	
G05A	comp=N,96nm,0.9s			IAML		08 03 43.7	
K05A	Summer Lake	4.60	96	Ph	Pn	08 03 08.6	-0.5
K05A	comp=E,34nm,3.3s			IAML		08 04 40.4	
K05A	comp=N,35nm,2.2s			IAML		08 04 41.3	
NLWA	Neilton Lookou	4.64	28	Ph	Pn	08 03 08.1	-1.4
C03A	Quillayute Air	4.93	20	IAML		08 03 12.3	-1.0
C03A	comp=N,67nm,0.6s			IAML		08 04 09.0	
G06A	Carlson Farm,	5.02	66	Ph	Pn	08 03 13.8	-0.8
G06A	comp=E,26nm,0.8s			IAML		08 03 48.4	
G06A	comp=N,26nm,1.0s			IAML		08 03 48.8	
LON	Longmire	5.06	46	Ph	Pn	08 03 15.2	-0.1
LON	comp=E,65nm,0.6s			IAML		08 04 20.9	
GNW	Green Mountain	5.18	34	Ph	Pn	08 03 15.5	-1.2
GNW	comp=E,74nm,0.8s			IAML		08 04 17.0	
D05A	Enumclaw	5.27	42	Ph	Pn	08 03 18.0	0.0
B04A	Port Angeles	5.34	27	Ph	Pn	08 03 18.2	-0.8
I07A	Iteze	5.56	80	IAML		08 04 19.6	
I07A	comp=E,14nm,1.6s			IAML		08 04 25.2	
OZB	Mount Ozzard	5.72	11	Ph	Pn	08 03 23.4	-0.9
F07A	Phinny Hill Vi	5.72	61	IAML		08 04 04.2	
F07A	comp=N,133nm,2.2s			IAML		08 04 16.6	
CLRS	Cowichan Lake	5.85	20	Ph	Pn	08 03 24.5	-1.4
PGC	Sidney	5.88	24	Ph	Pn	08 03 25.3	-1.0
LYT	Liberty	5.99	47	Ph	Pn	08 03 27.7	-0.3
MCCM	Marconi Confer	6.12	147	Ph	Pn	08 03 30.2	+0.5
G08A	Pilot Rock	6.16	69	Ph	Pn	08 03 29.9	-0.6
G08A	Marblemont	6.49	35	Ph	Pn	08 03 34.2	-0.5
CBB	Campbell River	6.79	10	Ph	Pn	08 03 38.3	-0.6
E09A	Wood Farm, Sta	7.11	61	Ph	Pn	08 03 42.0	-1.3
BMO	Blue Mountains	7.22	75	Ph	Pn	08 03 44.1	-0.8
LLBL	Lillooet	8.09	24	Ph	Pn	08 03 57.1	+0.4
PLID	Pearl Lake	8.17	74	Ph	Pn	08 03 58.2	+0.1
NVAR	Mina Arroya Bea	8.29	123	Ph	Pn	08 04 00.6	+0.8
NVAR	comp=N,0.2nm,0.3s,baz=299,slow=13,SNR=23			LR	LR	08 06 42.9	
NVAR	comp=N,74nm,21.8s,baz=308,slow=34			LR	LR		
NEW	Newport	8.53	51	P	Pn	08 04 02.2	-0.6
NEW	comp=N,2.1nm,0.7s			P	Pn	08 04 02.2	-0.6
NEW	comp=N,8.7nm,0.4s,baz=237,SNR=22			Pn	Pn	08 04 02.1	-0.7
NEW	comp=N,8.7nm,0.4s,baz=237,SNR=22			Pn	Pn	08 04 02.1	-0.7
NEW	comp=N,1um,20.7s,baz=241,slow=38			LR	LR	08 07 22.1	
BBB	Bella Bella	8.86	356	Ph	Pn	08 04 08.8	+1.5
BBB	Bella Bella	8.86	356	Ph	Pn	08 04 06.8	-0.5
BBB	comp=N,1.9nm,0.3s,baz=184,slow=6.1,SNR=29			LR	LR	08 06 52.4	
BBB	comp=N,451nm,19.2s,baz=176,slow=34			LR	LR		
ELK	Elko	9.21	102	Ph	Pn	08 04 15.7	+3.3
ELK	comp=N,0.3nm,0.3s,baz=312,slow=11,SNR=15			LR	LR	08 07 42.6	
HLID	Halley	9.24	84	Ph	Pn	08 04 15.2	+2.4
HLID	comp=N,91nm,19.6s,baz=284,slow=37			LR	LR		
HG4B	Hot Spring	9.35	344	Ph	Pn	08 04 16.5	+2.4
VES	Vestal, Richgr	9.73	138	Ph	Pn	08 04 22.4	+3.2
CWC	Cottonwood Cre	9.79	132	P	Pn	08 04 25.8	+5.5
CWC	comp=N,325,SNR=28			P	Pn	08 04 25.8	+5.5
M3O	Missoula	9.94	65	P	Pn	08 04 21.8	-0.5
M3O	comp=N,326,SNR=20			P	Pn	08 04 21.8	-0.5
ISA	Isabella, Lake	10.17	136	P	Pn	08 04 29.4	+4.0
ISA	comp=N,324,SNR=18			P	Pn	08 04 29.4	+4.0
BPMT	Black Pine Rid	10.18	68	Ph	Pn	08 04 24.3	-1.3
MPMC	Manual Protec	10.39	131	P	Pn	08 04 33.9	+5.4
ARVC	Arvin	10.42	139	P	Pn	08 04 31.7	+2.9
FURC	Furnace Creek,	10.45	128	P	Pn	08 04 35.4	+6.3
FURC	comp=N,316,SNR=9.3			P	Pn	08 04 35.4	+6.3
EDW	Edwards Air Fo	11.03	137	P	Pn	08 04 40.8	+3.7
EDW	comp=N,325			P	Pn	08 04 40.8	+3.7
DUG	Dugway, Tooele	11.14	102	P	Pn	08 04 40.9	+2.2
DUG	comp=N,292,SNR=6.9			P	Pn	08 04 40.9	+2.2
SHOC	Shoshone, Teco	11.19	128	P	Pn	08 04 44.7	+5.5
SHOC	comp=N,317,SNR=5.2			P	Pn	08 04 44.7	+5.5
BOZ	Bozeman (W)	11.29	73	P	Pn	08 04 41.4	+0.6
BOZ	comp=N,264,SNR=31			P	Pn	08 04 41.4	+0.6
RRX	Edison Barstow	11.54	134	Ph	Pn	08 04 49.3	+5.2

BFSO	Mount Baldy Ra	11.71	138	P	Pn	08 04 50.6	+4.2
BFSO	comp=N,322,SNR=5.4			P	Pn	08 04 50.6	+4.2
TUQ	Turquoise Moun	11.72	129	P	Pn	08 04 52.2	+5.6
TUQ	comp=N,317,SNR=22			P	Pn	08 04 52.2	+5.6
HEC	Hector,Ludlow	11.93	132	P	Pn	08 04 55.2	+5.7
HEC	comp=N,320,SNR=5.1			P	Pn	08 04 55.2	+5.7
H17A	Grant Village	11.98	79	P	Pn	08 04 53.6	+3.3
H17A	comp=N,271,SNR=18			P	Pn	08 04 53.6	+3.3
V35K	Ketchikan	12.33	348	P	Pn	08 04 56.5	+1.7
V35K	comp=N,163,SNR=6.0			P	Pn	08 04 56.5	+1.7
GMRC	Granite Moun	12.34	340	P	Pn	08 04 59.3	+4.2
GMRC	comp=N,319,SNR=11			P	Pn	08 04 59.3	+4.2
CRAC	Craig	12.73	134	Ph	Pn	08 05 02.1	+1.8
CRAC	comp=N,158,SNR=9.4			Ph	Pn	08 05 02.0	+1.7
PFO	Pinyon Flats O	12.81	136	Ph	Pn	08 05 04.9	+3.4
PFO	comp=N,305,slow=4.7,SNR=3.6			LR	LR	08 10 01.3	
PFO	comp=N,456nm,18.1s,baz=319,slow=38			LR	LR		
PFO	comp=N,4.4nm,1.1s			LR	LR		
TPFO	Pinon Flats	12.81	136	P	Pn	08 05 07.9	+6.3
TPFO	comp=N,324			P	Pn	08 05 07.9	+6.3
BW06	Boulder Array	12.86	87	P	Pn	08 05 03.9	+1.7
BW06	comp=N,279,SNR=11			P	Pn	08 05 03.9	+1.7
PDAR	Pinedale Array	12.86	87	Ph	Pn	08 05 04.3	+2.0
PDAR	comp=N,276,slow=13,SNR=34			LR	LR	08 10 23.8	
PDAR	comp=N,477nm,21.1s,baz=282,slow=39			LR	LR		
RLMT	Red Lodge	12.92	76	P	Pn	08 05 04.4	+1.3
RLMT	comp=N,7.4nm,0.9s			P	Pn	08 05 04.4	+1.3
EGMT	Eagleton	13.00	63	P	Pn	08 05 03.8	-0.2
EGMT	comp=N,255			P	Pn	08 05 03.8	-0.2
U33K	Whale Pass	13.34	345	Ph	Pn	08 05 08.4	-0.1
U33K	comp=N,137,SNR=22			Ph	Pn	08 05 08.4	-0.1
Y30M	Yukon	13.45	38	Ph	Pn	08 05 16.3	+4.8
Y30M	comp=N,135,SNR=11			Ph	Pn	08 05 16.3	+4.8
PDMC	Parker Dam,Lak	13.55	128	P	Pn	08 05 12.7	-1.3
PDMC	comp=N,317			P	Pn	08 05 12.7	-1.3
BLYC	Blythe	13.73	130	Ph	Pn	08 05 18.9	+2.1
BLYC	comp=N,137,SNR=9.0			Ph	Pn	08 05 18.9	+2.1
T35M	Bob Quinn	13.79	353	Ph	Pn	08 05 18.1	+3.5
T35M	comp=N,137,SNR=9.0			Ph	Pn	08 05 18.1	+3.5
T35M	Bob Quinn	13.79	353	Ph	Pn	08 05 18.1	+3.5
T35M	comp=N,137,SNR=9.0			Ph	Pn	08 05 18.1	+3.5
GLA	Glamis	14.10	133	Ph	Pn	08 05 17.0	-2.0
GLA	comp=N,14.1nm,1.1s			Ph	Pn	08 05 17.0	-2.0
O20A	White River Ci	14.45	96	Ph	Pn	08 05 21.5	-2.5
O20A	comp=N,14.4nm,1.1s			Ph	Pn	08 05 21.5	-2.5
RWWY	Rawlins	14.47	90	Ph	Pn	08 05 26.3	+2.2
RWWY	comp=N,14.4nm,1.1s			Ph	Pn	08 05 26.3	+2.2
S34M	Telegraph Cree	14.79	352	Ph	Pn	08 05 30.0	+1.6
S34M	comp=N,14.7nm,1.1s			Ph	Pn	08 05 30.0	+1.6
S32K	Killamont	14.89	344	P	Pn	08 05 29.7	0.0
S32K	comp=N,157,SNR=6.5			P	Pn	08 05 29.7	



F26K	Sheenjek River	26.04 345	P	P	08 07 32.7 +0.5
E27K	Coleen River	26.04 348	P	P	08 07 32.5 +0.3
E28M	Bababz Creek	26.14 350	P	P	08 07 32.8 -0.3
L17K	Donlin	26.23 327	P	P	08 07 33.8 -0.1
F25K	Christian River	26.24 344	P	P	08 07 34.3 +0.2
H22K	Ishlaltina Cre	26.25 338	P	P	08 07 34.1 0.0
J19K	Poorman	26.29 332	P	P	08 07 34.0 -0.5
J18K	Innok River	26.36 330	P	P	08 07 34.5 -0.6
I20K	Naaghdeneel	26.42 334	P	P	08 07 35.5 -0.1
H21K	Melozitna Riv	26.49 336	P	P	08 07 36.1 -0.2
L16K	Owhat River	26.49 325	P	P	08 07 36.4 +0.1
G23K	Banazz Creek	26.51 340	P	P	08 07 36.6 +0.1
K17K	Iditarod	26.53 328	P	P	08 07 36.0 -0.7
COLD	Coldfoot	26.96 340	P	P	08 07 41.2 +0.7
H20K	Anotleneega Mo	27.01 335	P	P	08 07 40.7 -0.2
G22K	Bettles	27.06 339	P	P	08 07 41.6 +0.3
GCSA	Galena City Sc	27.18 332	P	P	08 07 42.1 -0.4
E24K	Your Creek	27.24 343	P	P	08 07 43.9 +0.8
G21K	Allakart	27.30 337	P	P	08 07 43.5 -0.1
E23K	Chandalar	27.48 342	P	P	08 07 45.8 +0.6
H19K	Roundabout Mou	27.53 334	P	P	08 07 45.1 -0.4
F22K	John River	27.67 339	P	P	08 07 48.0 +1.1
J16K	Anvik River	27.73 328	P	P	08 07 46.6 -0.8
J12K	Alatna River	27.80 338	P	P	08 07 48.5 +0.4
H18K	Honhosa River	27.93 332	P	P	08 07 49.0 -0.2
TOLK	Toolik Lake Re	27.94 343	P	P	08 07 49.6 +0.3
E22K	Anaktuvuk Pass	28.05 341	P	P	08 07 50.5 +0.2
F19K	Shaleruckik Mo	28.78 335	P	P	08 07 55.8 -0.9
E21K	Killik River	28.82 340	P	P	08 07 57.1 0.0
G17K	Kwialik Mounta	28.92 332	P	P	08 07 58.2 +0.2
E19K	Redstone River	29.02 336	P	P	08 07 58.5 -0.4
E20K	Nigu River	29.27 338	P	P	08 08 00.9 -0.2
C21K	Knifeblade Rid	29.55 340	P	P	08 08 04.4 +0.9
F17K	Baldwin Pennin	29.65 333	P	P	08 08 04.3 -0.1
D20K	Etluvik River	29.70 339	P	P	08 08 05.0 +0.1
D19K	Kuna River	29.96 338	P	P	08 08 06.7 -0.5
E18K	Tukpahlearik C	30.01 335	P	P	08 08 07.7 +0.1
B20K	Meade River	30.74 340	P	P	08 08 15.0 +1.0
C19K	Lookout Ridge	30.76 338	P	P	08 08 14.5 +0.2
C16K	Lisburne Hills	31.98 334	P	P	08 08 25.1 +0.1
TKL	Tuckaleechee C	34.00 88	LR	LR	08 23 21.9
SADK	Sadowa	34.11 71	LR	LR	08 22 55.4
FRB	Frishner Bay	38.57 37	LR	LR	08 25 43.0
TEIG	Tepech	39.77 113	LR	LR	08 28 33.1
SCHD	Schefferville	39.90 52	LR	LR	08 26 10.6
FSJO	Kangerlussuaq	45.90 32	LR	LR	08 29 43.2
SEY	Seymchan	48.44 323	P	P	08 10 39.5 -1.7
PETK	Petrovavlovsk-	48.84 309	P	P	08 10 42.4 -2.0
SUMG	Summit	48.90 24	P	P	08 10 47.0 +1.9
SJG	San Juan	56.77 96	LR	LR	08 36 06.1
H1N3	WAKE ISLAND Hy	59.39 269	T	T	09 15 59.8
H1N2	WAKE ISLAND Hy	59.39 269	T	T	09 15 58.5
H1N1	WAKE ISLAND Hy	59.41 269	T	T	09 15 58.1
SDV	Santo Domingo	59.80 108	LR	LR	08 40 00.1
ROSC	Ei Rosal	60.21 114	LR	LR	08 42 16.3
H1S1	WAKE ISLAND Hy	60.31 268	T	T	09 17 07.1
H1S2	WAKE ISLAND Hy	60.32 268	T	T	09 17 05.9
H1S3	WAKE ISLAND Hy	60.33 268	T	T	09 17 08.1
PCRV	Puerto La Cruz	63.13 102	LR	LR	08 43 15.6
NR1K	Noril'sk	64.75 347	P	P	08 12 35.6 -1.4
ARCES	ARCES Array B	65.63 10	P	P	08 12 45.3 +2.5
USRK	Ussuriysk Ar.	67.91 310	P	P	08 12 55.6 -2.2
NOA	NORSAR Array B	70.58 20	P	P	08 13 12.7 -1.3
RPN	Rapa Nui	72.02 163	LR	LR	08 38 41.8
FINES	FINES Array B	73.31 13	P	P	08 13 29.2 -1.1
KSRS	Korea Array	74.67 307	P	P	08 13 37.5 -1.2
MDP	Montagne des	75.23 97	LR	LR	08 49 52.3
SONM	Songino Array	77.69 326	P	P	08 13 54.9 -1.0
ZALV	Zalesovo Beam	79.29 341	P	P	08 14 03.7 -0.8
ZALV	Zalesovo Beam	79.29 341	P	P	08 14 03.7 -0.8
LPAZ	La Paz	80.20 123	P	P	08 14 10.0 -0.5
ESDC	Sonsec Array B	82.70 41	P	P	08 14 29.8 +6.8
ESDC	Sonsec Array B	82.70 41	P	P	08 14 29.8 +6.8
AKASG	Atlatl Array Be	84.08 15	P	P	08 14 30.8 +1.1
MKAR	Makanchi Array	86.53 340	P	P	08 14 41.8 -0.3

WRA	Warramunga Arr	22.00 160	P	P	08 19 29.1 -1.1
ASAR	Allice Springs	25.35 164	P	P	08 20 03.9 +0.8
MKAR	Makanchi Array	59.80 326	P	P	08 24 41.1 -0.1
<p> <i>IDC 03 08:21:17.0.0.6.54:39N; 168:91E, h0km, mb4.1/29, mbtmp4.2/32, MLC3.4/2, MS3.9/51, Error ellipse: s-maj=17.2km s-min=10.5km az=167.0, NEIC 03 08:21:17.0.0.8.54:1N.0:1x168:8E:0.1, h10km, 1km, mb4.6/109, Error ellipse: s-maj=23.0km s-min=10.9km az=187.0</i>  <i>KRSC 03 08:21:18.5.1.2.54:04N; 168:80E, h42km, 27km, MIA.6 MOS 03 08:21:19.7.0.9.54:09N; 168:94E, h42km, mb4.7/28, MS3.8/7, Error ellipse: s-maj=7.6km s-min=5.5km az=27.5 GCMT 03 08:21:22.2.0.2.54:43N; 02:168:98E:0.02, h21km, 1km, MW4.9/107, Moment Tensor Solution. s50.68; s107.c155; Duration: 0 Moment tensor: Scale 10<sup>16</sup>Nm; Mn=0.43±.10; Mw=2.29±.08; Mww=2.72±.09; Mw=0.28±.16; Mw=0.21±.07; Mw=0.05±.13; Best double couple: M2.53500x10<sup>16</sup> NP2±0.42,000000; δ85.000000; λ-6.000000. NP2±0.133,000000; δ84.000000; λ-1.75,000000. Principal axes: T 2.7290, P1g1.000000; Azm88.00000; N -0.3900, P1g82.0000; Azm183.00000; P -2.3410, P1g6.00000; Azm338.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function</i>  <i>ISC 03 08:21:19.8.0.4.54:10N.0:06:168:96E:0:03, h25km, n386, i171/360, mb4.4/87, MS3.9/56, 11C-11D, Komandorsky Islands region</i> </p>					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
BKI	Bering	2.06 304	eS	Sn	08 22 16.2 +1.3
SHEM	Shemya Is, Ala	3.37 112	Pn	Pn	08 22 10.9 +0.1
SHEM	194nm,0.4s, baz=355, slow=6.0, SNR=125				
SHEM	87nm,0.3s, baz=149, slow=24, SNR=20				08 22 51.4 +1.4
SMY	Shemya	3.37 112	Pn	Pn	08 22 10.7 -0.1
SMY	Shemya	3.37 112	Pn	Pn	08 22 10.7 -0.1
SMKR	Semkarok	4.94 303	PN	Pn	08 22 33.6 +1.1
SMKR	Semkarok	4.94 303	eP	Pn	08 22 33.6 +1.1
BDR	Baidarnaya	5.07 302	eP	Pn	08 22 35.0 +0.9
BDR	Baidarnaya	5.07 302	eP	Pn	08 22 35.0 +0.9
BZGR	Bezymyanni-Gr	5.10 295	PN	Pn	08 22 35.5 +0.9
BZGR	Bezymyanni-Gr	5.10 295	S	Pn	08 22 32.9 +0.3
BZGR	Bezymyanni-Gr	5.10 295	eS	Pn	08 22 35.5 +0.9
BZGR	Bezymyanni-Gr	5.10 295	eS	Pn	08 22 32.9 +0.3
CIRR	Tsirik	5.12 296	PN	Pn	08 22 36.3 +1.3
CIRR	Tsirik	5.12 296	eS	Pn	08 22 36.3 +1.3
CIRR	Tsirik	5.12 296	eS	Pn	08 22 33.7 +0.3
KZV	Kizimen	5.14 285	PN	Pn	08 22 35.8 +0.6
KZV	Kizimen	5.14 285	eP	Pn	08 22 35.8 +0.6
KZV	Kizimen	5.14 285	eS	Pn	08 22 32.7 -1.0
BZP	Bezymyanni-Pe	5.17 294	eS	Pn	08 22 37.3 +1.6
BZP	Bezymyanni-Pe	5.17 294	eS	Pn	08 22 35.2 +0.6
BZMR	Bezymyannaya	5.21 294	PN	Pn	08 22 37.6 +1.5
BZMR	Bezymyannaya	5.21 294	S	Pn	08 22 36.8 +1.4
BZMR	Bezymyannaya	5.21 294	eS	Pn	08 22 37.6 +1.5
BZMR	Bezymyanni-We	5.21 294	PN	Pn	08 22 37.5 +1.4
BZMR	Bezymyanni-We	5.21 294	eS	Pn	08 22 37.5 +1.2
BZWR	Bezymyanni-We	5.21 294	eS	Pn	08 22 37.5 +1.2
BZWR	Bezymyanni-We	5.21 294	eS	Pn	08 22 35.7 +0.1
KLY	Klyuchi	5.25 298	eS	Pn	08 22 34.2 -1.9
TUMR	Tumrok	5.25 287	PN	Pn	08 22 36.1 +1.4
TUMR	Tumrok	5.25 287	S	Pn	08 22 37.2 +0.9
TUMR	Tumrok	5.25 287	eS	Pn	08 22 38.1 +1.4
TUMR	Tumrok	5.25 287	eS	Pn	08 22 37.5 +1.2
KRSR	Krestovskiy	5.26 297	PN	Pn	08 22 38.8 +2.0
KRSR	Krestovskiy	5.26 297	S	Pn	08 22 37.9 +1.3
KRSR	Krestovskiy	5.26 297	eP	Pn	08 22 36.8 +2.0
KRSR	Krestovskiy	5.26 297	eS	Pn	08 22 37.3 +1.3
KIRR	Kirishev	5.29 294	PN	Pn	08 22 38.8 +1.5
KIRR	Kirishev	5.29 294	S	Pn	08 22 38.3 +0.8
KIRR	Kirishev	5.29 294	eP	Pn	08 22 38.8 +1.5
KIRR	Kirishev	5.29 294	eS	Pn	08 22 38.8 +1.5
KIFR	Kamenistaya	5.29 292	PN	Pn	08 22 38.3 +0.8
KIFR	Kamenistaya	5.29 292	S	Pn	08 22 39.0 +1.7
KMNR	Kamenistaya	5.29 292	PN	Pn	08 22 38.5 +1.0
KMNR	Kamenistaya	5.29 292	eS	Pn	08 22 39.0 +1.7
KMNR	Kamenistaya	5.29 292	eS	Pn	08 22 38.5 +1.0
KPT	Kopyto	5.36 294	PN	Pn	08 22 39.9 +1.7
KPT	Kopyto	5.36 294	S	Pn	08 22 39.8 +0.7
KPT	Kopyto	5.36 294	eS	Pn	08 22 39.8 +0.7
KPT	Kopyto	5.36 294	eS	Pn	08 22 41.6 +0.5
KOZ	Kozyrevsk	5.57 294	PN	Pn	08 22 41.6 +0.5
KOZ	Kozyrevsk	5.57 294	eP	Pn	08 22 41.6 +0.5
KOZ	Kozyrevsk	5.57 294	eS	Pn	08 22 42.3 -1.0
KIL	Karymskiy	5.60 273	PN	Pn	08 22 42.3 +0.8
KIL	Karymskiy	5.60 273	PN	Pn	08 22 42.3 +0.8
SRDR	Srediniy	5.74 296	eS	Pn	08 22 50.1 +1.8
SDLR	Sedlovina	6.04 266	PN	Pn	08 22 48.7 +1.1
SDLR	Sedlovina	6.04 266	eP	Pn	08 22 48.7 +1.1
UJLR	Uglovaya	6.09 266	PN	Pn	08 22 49.2 +0.9
UJLR	Uglovaya	6.09 266	eP	Pn	08 22 49.2 +0.9
SMAR	Somma	6.09 266	PN	Pn	08 22 49.2 +0.9
SMAR	Somma	6.09 266	eP	Pn	08 22 49.2 +0.9
KRER	Koryakskii	6.12 267	PN	Pn	08 22 49.8 +1.1
KRER	Koryakskii	6.12 267	eP	Pn	08 22 49.8 +1.1
KRER	Koryakskii	6.12 267	eP	Pn	08 22 50.1 +1.3
AVH	Avacha	6.13 267	PN	Pn	08 22 50.1 +1.3
AVH	Avacha	6.13 267	eP	Pn	08 22 50.1 +1.3
KRX	Arik	6.16 267	PN	Pn	08 22 50.4 +1.1
KRX	Arik	6.16 267	eP	Pn	08 22 50.4 +1.1
DALK	Dalny	6.17 264	PN	Pn	08 22 50.1 +0.8
DALK	Dalny	6.17 264	eP	Pn	08 22 50.1 +0.8
DALK	Dalny	6.17 264	eS	Pn	08 22 59.4 +0.5
KOK	Koryaka	6.18 267	PN	Pn	08 22 50.3 +0.8
KOK	Koryaka	6.18 267	eP	Pn	08 22 50.3 +0.8
PET	Petrovavlovsk	6.23 264	PN	Pn	08 22 47.6 -2.5
PET	Petrovavlovsk	6.23 264	ePN	Pn	08 22 51.3 +1.2
PET	comp=Z,63nm,0.4s				pmx pmx
PET	comp=Z,900nm,15.0s				MLR MLR
PET	comp=Z,1µm,14.0s				MLR MLR
PET	Petrovavlovsk	6.23 264	eP	Pn	08 22 51.2 +1.2
PET	Petrovavlovsk	6.23 264	eS	Pn	08 24 00.1 -0.4
GNL	Ganally	6.52 271	PN	Pn	08 22 55.6 +1.4
GNL	Ganally	6.52 271	eP	Pn	08 22 55.6 +1.4
KRMR	Karymskiy	6.59 263	PN	Pn	08 22 56.0 +1.0
KRMR	Karymskiy	6.59 263	eS	Pn	08 22 56.0 +1.0
KRMR	Karymskiy	6.59 263	eS	Pn	08 24 08.1 -1.1
MTRV	Mutnovka	6.66 260	PN	Pn	08 22 57.3 +1.2
MTRV	Mutnovka	6.66 260	eP	Pn	08 22 57.3 +1.2
MTRV	Mutnovka	6.66 260	eS	Pn	08 24 09.5 -1.7
GRL	Gorelyy	6.70 261	PN	Pn	08 22 58.1 +1.4
GRL	Gorelyy	6.70 261	eP	Pn	08 22 58.1 +1.4
PEAOB	Petrovavlovsk-	6.77 266	PN	Pn	08 22 54.4 -3.2
PEAOB	Petrovavlovsk-	6.77 266	ePN	Pn	08 22 53.7 -3.8
PETK	Petrovavlovsk-	6.77 266	PN	Pn	08 22 54.5 -3.1
PETK	Petrovavlovsk-	6.77 266	eP	Pn	08 22 58.8 +1.2
PETK	comp=Z,11nm,0.3s, baz=89, slow=15, SNR=127				Sn
PETK	comp=Z,5.7nm,0.3s, baz=67, slow=34, SNR=2.2				LR LR
PETK	comp=Z,89nm,19.1s, baz=72, slow=39				LR LR
PETK	comp=Z,22nm,0.5s				LR LR
AMKA	Amchitka				



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKL Tuckaleeche C, MSVF Nonsalu, KIV Kislodovsk, KBZ Khabaz, SOC Sochi, KOLS Kolonickie sedl, BUR08 Bucovina Ar, BURAR Bucovina Array, VYHS Vyhne, GERES GERES Array B, DZM Mont Dzumac, TAOE Nuku Hiva Isla, DAVOX Davos/Dischmal, BR131 Keskin Array S, BRTR Keskin Array B, WRA Warramunga Arr, RAR Rarotonga, PPT2 Papeete2, TEIG Tepich, WSAR Wadi Sarin, ASAR Ala Springs, MMAI Mount Meron Ar, TBI Tubuai, ESDC Sonseca Array, EIL Glat, URZ Urewera, SJG San Juan, RPZ Rata Peaks, MAW Mawson.

OSPL 03 08:23:37.9±0.18, 12N:68.93W, h118km, 9km, ML2.5, SDD 03 08:23:37.6±2.2, 18.48N:68.87W, h121km, 14km, MD3.4, ML2.9, 9C-5D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HIDR Higuey Centro, SADR Isla Saona, PCDR Punta Cana, DR, SDR Samana, SDD Santo Domingo, SADR Nagua, BANI BANI, SC01 Santiago de los, REDR Restauracion, RSPR 03 08:23:37.7, 18.03N:66.95W, h22km, 2km, 2C-1D, Puerto Rico region, GBPR Guanica, Bosqu.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, CRSP Cabo Rojo, LSP Las Mesas, MEX 03 08:24:08.9±1.3, ANF 03 08:24:14.8±1.8, ISC 03 08:24:07.9±1.3, SFX San Felipe, SPIG San Pedro Mart, SPIG San Pedro Mart, SQX San Quintin, SQX Valle De La Tr, SLGB San Luis Gonza, SLGB Puerto Peasco, SLGB San Vicente, SLGB San Joaquin, PIX Pinacate, MBIG Mexicali, MBIG Ej. Heriberto, PBX Punta Banda, CCX Cicese, 214A Organ Pipe Nat, 214A Organ Pipe Nat, IKP In-Ko-Pah, JAC, IKP, BAHB Bahra de los, CBX Cerro Bola, LAPR La Primavera, TJIG Tijuana, SWSC Sam W. Stewart, MONP2 Monument Peak, MONP2, 109C Camp Elliot, M, TPFO Pinon Flats, TPFO, PFO Pinoyon Flats, PFO, MURC Murrieta, TUC Tucson, HSIG, BBRC Big Bear Solar, CGIG.

IDC 03 08:24:15.8±1.7, 42.74N:111.39W, h0km, mbtmp3.2/2, ML2.7/1, Error ellipse: s-maj=35.5km s-min=8.3km az=160.0

UUSS 03 08:24:18.5±0.7, 42.65N:102.111.48W, 0.03, h2km, 4km, Error ellipse: s-maj=3.4km s-min=1.7km az=132.0

NEIC 03 08:24:18.2±1.1, 42.67N:102.111.50W, 0.03, h6km, 6km, ML3.2/38, ML3.3/15(UUSS), Error ellipse: s-maj=3.5km s-min=0.7km az=124.0

ISC 03 08:24:17.8±1.2, 42.89N:103.111.47W, 0.03, h10km, 10km, n37, r1904/43, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, BEI Bear River Ran, L17A Cokeville, BMUT Black Mountain, REDW Red Top Meadow, REDW, HLI Malad Range, MDI Hyde Park, NP North Pocatell, PTU Portage, FXWY Fox Creek, RSUT Red Spur Mount, HWUT Hardware Ranch, HWUT, HWUT, WYUT Wellsville, MOOW Moose Ponds, MOOW, MCU Monte Cristo P, IMW Indian Meadow.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HVU Hansel Valley, BW06 Boulder Array, PD31 Pedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR South Promonto, TCUT Toone Canyon, YFT Grant Village, YFT comp=E, 127nm, 0.9s, H17A Grant Village, CTU Camp Tracy, CTU comp=E, 211nm, 0.5s, CTU comp=N, 192nm, 0.6s, BGU Big Grassy Mout, BGU comp=N, 131nm, 0.6s, BGU comp=E, 187nm, 0.9s, YHH Holmes Hill, NLU North Lily Min, TMUT Trail Mountain, TMUT comp=N, 92nm, 0.8s, ELK Elko, ELK comp=N, 39nm, 0.4s, ELK comp=N, 34nm, 0.5s, PSUT Pine Spring, F10A Beach Ranch, E, F10A comp=N, 22nm, 0.9s, F10A comp=E, 22nm, 1.5s, RVD Black Hills, KVN Kaiserville, NVAR Nina Array Bea, NVAR comp=E, 0.2nm, 0.3s, NVAR comp=E, 0.2nm, 0.3s, NVAR comp=E, 42, slow=15, NVAR comp=E, 1.5nm, 0.3s, NVAR comp=E, 1.5nm, 0.7s, TXAR Lajitas Array, TXAR comp=E, 0.7nm, 0.9s.

IDC 03 08:40:59.0±2.4, 10.57S:118.70E, h0km, mbtmp3.6/3, ML3.7/3, Error ellipse: s-maj=67.1km s-min=35.0km az=11.0, South of Sumbawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, BATI, WRA Warramunga Arr, ASAR Ala Springs, TORD Torndi Ar. Bea.

IDC 03 08:40:02.6±4.5, 2.94N:90.09E, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=160.1km s-min=36.2km az=61.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, MKAR Makanicki Array, SONM Soginoy Array, WRA Warramunga Arr, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, TXAR Lajitas Array.

IDC 03 08:53:45.1±1.3, 35.619S:25.959W, h0km, mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=50.5km s-min=35.0km az=160.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vnda Vanda, LPAZ La Paz, TORD Torndi Ar, ILAR Eielson Array.

IDC 03 08:56:04.3±1.3, 36.91N:27.33E, h0km, mb3.7/5, mbtmp3.6/6, ML3.1/1, Error ellipse: s-maj=61.6km s-min=18.0km az=154.0

ISK 03 08:56:04.9, 36.96N:27.39E, h12km, ML3.6/28, DDA 03 08:56:04.9, 36.96N:27.36E, h10km, 3km, MW3.7, THE 03 08:56:05.6, 36.96N:27.39E, h9km, ML3.6/6, Error ellipse: s-maj=0.7km s-min=0.4km az=246.0

ATH 03 08:56:05.9, 36.95N:27.39E, h9km, 1km, ML3.8/6, Error ellipse: s-maj=2.1km s-min=0.9km az=234.0

GII 03 08:56:05.4, 36.94N:27.77E, h10km, 3km, Mm3.3/8, ISC 03 08:56:05.0, 36.94N:27.39E, h10km, 4km, n99, r165/152, mb3.6/5, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RFTB Kemner-Bodrum, RFTB Bodrum, BODT Bodrum, BODT Bodrum, DAT Data, DAT Data, DAT Data, DAT Data.



DL2	comp=N,31nm,1.1s		pmax	pmax		
HEH	HeiHe	17.51 323	eP	Pn	09 05 48.5	-3.9
HEH	comp=N,340nm,13.1s		LR	LR		
HEH	comp=N,430nm,12.6s		LR	LR		
HEH	comp=N,670nm,14.7s		LR	LR		
PEAOB	Petrovavlovsk-	18.73 27	P	P	09 06 04.5	-2.4
PEAOB	Petrovavlovsk-	18.73 27	eP	P	09 06 06.2	-0.7
PETK	Petrovavlovsk-	18.73 27	P	P	09 06 06.2	-0.7
PETK	Petrovavlovsk-	18.73 27	P	P	09 06 06.4	-0.5
PETK	comp=N,2.7nm,0.8s,baz=187,slow=6.9,SNR=5.6		LR	LR	09 15 01.4	
PETK	comp=N,149nm,19.0s,baz=219,slow=42		LR	LR	09 15 01.4	
PETK	Petrovavlovsk	19.02 29	eP	P	09 06 08.4	-1.6
ZEA	Zeya	20.08 331	eP	P	09 06 21.3	-0.2
ZEA	comp=N,100nm,1.6s		pmax	pmax		
ZEA	comp=N,200nm,1.9s		pmax	pmax		
ZEA	comp=E,20nm,0.6s		pmax	pmax		
ZEA	comp=N,40nm,0.7s		pmax	pmax		
ZEA	comp=N,60nm,0.8s		pmax	pmax		
ZEA	comp=E,300nm,16.0s		MLR	MLR		
ZEA	comp=N,200nm,15.0s		MLR	MLR		
ZEA	comp=N,300nm,15.0s		MLR	MLR		
NJ2	Nanjing	20.98 263	eP	P	09 06 31.8	+0.3
NJ2			pP	pP	09 06 36.0	-0.2
NJ2			sP	sP	09 06 38.1	-0.1
NJ2	comp=N,8.0nm,0.5s		pmax	pmax		
NJ2	comp=N,360nm,3.5s		pmax	pmax		
BJI	Beijing	21.60 286	P	P	09 06 36.7	-1.4
BJI			pP	pP	09 06 44.9	-1.4
BJI			sP	sP	09 06 43.6	-1.4
BJI			sP	sP	09 06 43.6	-1.4
BJI	comp=N,3.0nm,0.9s		pmax	pmax		
XLT	XilinHaoTe	21.92 296	eP	P	09 06 39.7	-1.9
XLT			pP	pP	09 06 44.9	+0.6
XLT			sP	sP	09 07 09.4	+6.1
XLT			PP	Pn	09 07 09.4	+6.1
XLT			PP	Pn	09 07 09.4	+6.1
XLT	comp=N,26nm,1.2s		pmax	pmax		
XLT	comp=N,140nm,5.0s		LR	LR		
XLT	comp=N,29nm,13.6s		LR	LR		
XLT	comp=N,260nm,14.0s		LR	LR		
XLT	comp=N,230nm,15.3s		LR	LR		
MA2	Magadan	22.90 9	LR	LR	09 15 23.1	
HNS	HongShan	22.96 279	UP	P	09 06 49.9	-2.7
HNS			eS	S	09 10 54.7	-6.7
HNS	comp=N,13nm,0.8s		LR	LR		
HNS	comp=N,300nm,12.0s		LR	LR		
HNS	comp=N,260nm,12.4s		LR	LR		
GUMO	Guam	23.50 177	LR	LR	09 14 47.5	
HHC	Hu-ho-hao-te	25.09 288	eP	P	09 07 11.7	-1.2
HHC			S	S	09 11 34.9	-1.2
HHC			S	S	09 11 34.9	-1.2
HHC	comp=N,22nm,0.6s		pmax	pmax		
HHC	comp=N,140nm,4.3s		pmax	pmax		
HHC	comp=N,400nm,11.5s		LR	LR		
HHC	comp=N,410nm,11.5s		LR	LR		
HHC	comp=N,410nm,12.7s		LR	LR		
WHN	Wuhan	25.12 263	P	P	09 07 13.0	0.0
LYN	LuoYang	25.32 273	UP	P	09 07 14.8	0.0
LYN	comp=N,37nm,1.1s		pmax	pmax		
LYN	comp=N,280nm,4.5s		pmax	pmax		
CIT	Chita	25.82 315	eP	P	09 07 20.3	+1.0
CIT			e	e	09 07 24.0	
CIT			e	e	09 07 27.4	
BTO	Baotou	26.28 288	eP	P	09 07 24.5	+0.9
BTO			pP	pP	09 07 28.7	0.0
BTO			sP	sP	09 07 31.4	+0.6
BTO			PP	Pn	09 08 06.8	+3.8
BTO			S	S	09 11 59.2	+4.3
BTO			sS	sS	09 12 08.1	+4.7
BTO	comp=N,15nm,0.6s		pmax	pmax		
BTO	comp=N,250nm,4.3s		pmax	pmax		
BTO	comp=N,850nm,16.5s		LR	LR		
BTO	comp=N,360nm,15.9s		LR	LR		
BTO	comp=N,390nm,15.3s		LR	LR		
SHEM	Shemys Is, Ala	26.35 44	LR	LR	09 16 47.0	
WAKE	WAKE ISLAND Hy	26.75 124	T	T	09 35 35.3	
SEY	Seymchan	26.36 9	eP	P	09 07 25.2	+1.3
SEY			pmax	pmax		
SEY	Seymchan	26.36 9	P	P	09 07 23.9	0.0
SEY	comp=N,16nm,1.0s,baz=199,slow=6.4,SNR=14		LR	LR	09 18 35.5	
SEY	comp=N,76nm,21.0s,baz=178,slow=38		LR	LR	09 18 35.5	
SEY	comp=N,16nm,1.0s		LR	LR	09 18 35.5	
YAK	Yakutsk	26.36 345	eP	P	09 07 23.9	-0.1
YAK			eS	S	09 11 58.1	+2.6
YAK			eSS	Ss	09 12 53.3	-1.2
YAK			eSSS	Sss	09 13 18.0	
YAK	comp=N,18nm,0.8s		pmax	pmax		
YAK	comp=N,7.0nm,1.0s		pmax	pmax		
YAK	comp=E,2.0nm,0.8s		pmax	pmax		
YAK	comp=E,48nm,2.3s		smax	smax		
YAK	comp=N,83nm,2.3s		smax	smax		
YAK	comp=N,169nm,17.0s		MLR	MLR		
YAK	Yakutsk	26.36 345	LR	LR	09 20 18.6	
H1N2	WAKE ISLAND Hy	26.73 124	T	T	09 35 26.9	
H1N1	WAKE ISLAND Hy	26.74 124	T	T	09 35 35.3	
H1N1	WAKE ISLAND Hy	26.75 124	T	T	09 35 34.1	
H1N1	WAKE ISLAND Hy	27.49 126	T	T	09 36 33.8	
H1S3	WAKE ISLAND Hy	27.49 126	T	T	09 36 38.2	
H1S2	WAKE ISLAND Hy	27.50 126	T	T	09 36 33.2	
XAN	Xi'an	28.28 274	UP	P	09 07 42.9	+1.3
XAN			pmax	pmax		
BOD	Bodaibo	28.38 326	eP	P	09 07 42.1	0.0
BOD	comp=N,30nm,1.8s		pmax	pmax		
ULN	Ulaanbaatar	28.74 303	eP	P	09 07 46.7	+1.0
ULN			pmax	pmax		
ULN	comp=N,15nm,1.3s		pmax	pmax		
ENH	Enshi	29.09 266	P	P	09 07 48.5	-0.3
ENH			IAMB	IAMB	09 07 51.1	
SOMM	Songino Array	29.18 303	P	P	09 07 48.5	-1.0
SOMM			IAMB	IAMB	09 07 56.2	
SOMM	comp=N,24nm,1.6s		IAMB	IAMB	09 07 56.2	
SOMM	Songino Array	29.18 303	P	P	09 07 50.2	+0.7

SOMM	comp=N,6.4nm,0.8s,baz=104,slow=7.9,SNR=29		LR	LR	09 20 39.3	
ZAK	Zakamensk	31.57 308	eP	P	09 08 10.1	-0.5
ZAK			pmax	pmax		
LZH	Lanzhou	31.77 280	eP	P	09 08 21.0	+8.4
LZH			pP	pP	09 08 26.0	-0.8
LZH			pP	pP	09 08 25.3	+2.2
GYA	Guiyang	32.97 262	UP	P	09 08 25.3	+2.2
GYA			pmax	pmax		
DAV	Davao City (W)	34.16 213	LR	LR	09 24 32.7	
DAV	comp=N,2.7nm,18.8s,baz=338,slow=10		LR	LR	09 24 32.7	
GTA	Gaotai	34.20 287	eP	P	09 08 34.2	+0.5
GTA			sP	sP	09 08 41.8	+0.8
GTA	comp=N,6.0nm,0.8s		LR	LR		
GTA	comp=N,270nm,19.1s		LR	LR		
GTA	comp=N,100nm,23.1s		LR	LR		
GTA	comp=N,110nm,14.7s		LR	LR		
TIXI	Tiksi	35.39 352	LR	LR	09 26 01.2	
TIXI	comp=N,98nm,18.6s,baz=128,slow=41		LR	LR	09 26 01.2	
PZH	PanZhiHua	36.86 266	P	P	09 08 57.5	+0.8
PZH			pmax	pmax		
PZH	comp=N,20nm,0.8s		pmax	pmax		
PZH	comp=N,130nm,5.1s		pmax	pmax		
TNCH	TengChong	40.12 266	eP	P	09 09 24.7	+0.5
DGZ	Jazzator, Aita	41.74 306	eP	P	09 09 38.3	+1.1
DGZ			pmax	pmax		
URUMI	Urumi	42.34 297	eP	P	09 09 46.7	+4.6
URUMI			sP	sP	09 09 50.1	+0.9
URUMI			pP	pP	09 11 38.4	+3.1
URUMI			pP	pP	09 11 38.4	+3.1
URUMI			pP	pP	09 11 38.4	+3.1
G17K	Kiwalik Mounta	42.76 31	P	P	09 09 47.2	+2.1
G17K	comp=N,19nm,0.7s		P	P	09 09 47.2	+2.1
H17K	Grate Mounta	42.94 31	P	P	09 09 48.9	+2.3
H17K	comp=N,257		P	P	09 09 48.9	+2.3
H17K	comp=N,258		P	P	09 09 48.9	+2.3
J17K	VABM Dome	43.00 34	P	P	09 09 49.1	+2.0
J17K	comp=N,260		P	P	09 09 49.1	+2.0
CHTO	Chiang Mai	43.03 257	P	P	09 09 47.8	0.0
CHTO			P	P	09 09 47.8	0.0
ZAO	Zalesovo Array	43.12 312	P	P	09 09 48.5	+0.3
ZAO			IAMB	IAMB	09 10 02.5	
ZALV	Zalesovo Beam	43.12 312	P	P	09 09 48.0	-0.2
ZALV			pmax	pmax	09 09 48.4	+0.2
ZALV			pmax	pmax	09 09 48.4	+0.2
ZALV	comp=N,9.0nm,0.9s		P	P	09 09 48.4	+0.2
ZALV	comp=N,8.4nm,0.9s,baz=90,slow=6.5,SNR=23		PcP	PcP	09 11 37.4	-0.2
ZALV	comp=N,5.3nm,0.7s,baz=94,slow=3.6,SNR=6.4		LR	LR	09 28 40.7	
ZALV	comp=N,108nm,18.6s,baz=68,slow=37		LR	LR	09 28 40.7	
ZALV	comp=N,8.4nm,0.9s		LR	LR	09 28 40.7	
L17K	Donlin	43.17 36	P	P	09 09 50.7	+2.2
L17K	comp=N,262		P	P	09 09 50.7	+2.2
CMAR	Chiang Mai Arr	43.23 257	P	P	09 09 49.8	+0.3
CMAR	Chiang Mai Arr	43.23 257	P	P	09 09 48.7	-0.8
CMAR			pmax	pmax		
CMAR	Chiang Mai Arr	43.23 257	P	P	09 09 48.6	-0.8
CMAR	comp=N,2.0nm,0.8s		P	P	09 09 48.6	-0.8
CMAR	comp=N,0.9nm,0.3s,baz=41,slow=6.3,SNR=9.4		LR	LR	09 31 40.7	
CMAR	comp=N,84nm,18.1s,baz=130,slow=42		LR	LR	09 31 40.7	
K17K	Iditarod	43.25 35	P	P	09 09 51.5	+2.4
K17K	comp=N,262		P	P	09 09 51.5	+2.4
F18K	Selawik	43.41 29	P	P	09 09 52.4	+2.0
F18K	comp=N,256		P	P	09 09 52.4	+2.0
H18K	Honhosa River	43.62 31	P	P	09 09 53.9	+1.8
H18K	comp=N,259		P	P	09 09 53.9	+1.8
G18K	Tagewik	43.65 30	P	P	09 09 53.7	+1.4
G18K	comp=N,258		P	P	09 09 53.7	+1.4
NRIK	Noril'sk	43.89 335	P			

3d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I28M Miner Creek, YUK3 Moose Creek, BVAR Borovoye, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WRA Warramunga Arr, WTLY Watsla Lake, T35M Bob Quinn, etc.

180

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NVAR Mina Array Bea, NACGM Naroch, NV11 Mina Array Sit, etc.









3d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGZV Ghazvin, SRVN Saravan, ASHO Ashiyah, etc.

JMA 03 09:23:53.0.0.2.33.9N.0.6.135.4E.0.8, h50km, 1km, MV0.3/12, CENTRAL WAKAYAMA PREF, Near south coast of western Honshu

IDC 03 09:23:53.7.0.7.37.06N.143.57E, h0km, mb4.0/15, mbmp3.9/20, ML3.7/6, MS3.2/4, Error ellipse: s-maj=17.8km s-min=16.6km az=61.0

NIED 03 09:23:57.4.37.17N.143.44E, h49km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:-7.82; Mss:6.35; Mss:1.48; Mss:0.9; Mss:0.9; Mss:1.14; Fault plane solution: M6.9, 13000x1014 NP1; q=248.00000, s=59.00000, l=-83.00000. NP2: q=55.00000, s=632.00000, l=-101.00000

JMA 03 09:23:57.4.0.2.37.2N.0.7.14.3E, h49km, MV4.1/34, FARE OFF FUJUSHIMA PREF

ISU 03 09:23:58.7.0.7.37.19N.0.05.143.54E.0.0.6, h35km, n57, s166/63, mb3.8/15, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIKH Ishinomakikobu, JIKH Kawauchi, JIKF JKF, etc.

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

SNET 03 09:47:15.9.1.12.04N:88.07W, h15km, 7km, ML3.3 UCR 03 09:47:21.4.0.5.12.55N:87.02W, h16km, MW3.9

ISU 03 09:47:17.4.1.9.12.00N.0.10.88.02W.0.09, h35km, n11, s083/13, Off coast of central America

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

IDC 03 10:16:50.0.0.5.28.46S:178.58W, h256km, 5km, mb3.6/9, mbmp4.3/12, Error ellipse: s-maj=18.3km s-min=15.5km az=151.0

NEIC 03 10:16:50.2.1.28.2S:0.1x178.3W:0.2, h264km, 7km, mb4.2/17, Error ellipse: s-maj=24.3km s-min=16.7km az=89.0

ISU 03 10:16:49.3.0.5.28.48S:0.06x178.56W:0.09, h250km, n178, s173/82, mb4.0/20, 5D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Green Lake, GLKZ Green Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FORT Forrest, KNRA Kununurra, GSPA South Pole Qui, etc.

ARCES ARCES Array B 136.6248 PKP PKPpdf 10 35 40.7 -0.1

FINES FINES Array B 143.18340 PKP PKP PKPpdf 10 35 48.8

NB2 NORSAR Subarray146.79 351 PKP PKPpdf 10 35 59.9 +0.7

NOA NORSAR Array B 146.79 351 PKP PKPpdf 10 36 00.3 +1.1

AKASG Malin Array Be 149.47 324 PKPbc PKPbc 10 36 08.0 -0.6

BRTR Keskin Array B 151.22 301 PKPbc PKPbc 10 36 12.8 -0.3

TORD Torodi Arr. Bea 164.74 181 PKP PKPpdf 10 37 21.9 +1.2

KRNET 03 10:25:08.9.0.1.41.13N:69.96E, mb2.8 SOME 03 10:25:08.3.41.02N:70.20E, h0km, NNC 03 10:25:09.9.3.4.40.97N:70.19E, h0km, mb3.3, mpv3.1

Error ellipse: s-maj=24.5km s-min=12.5km az=37.0 ISU 03 10:25:10.5.40.77N:70.21E, h15km

ISU 03 10:25:10.6.0.8.41.10N:0.03:70.21E.0.03, h10km, n24, s187/33, 20C-2D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHMG Chimgan, YBZ Yangibazar, IUG Iuzhnyy, etc.

NEIC 03 11:13:08.8.1.6.19.1S:0.1x169.1E:0.1, h91km, 2km, mb4.5/17, Error ellipse: s-maj=16.5km s-min=14.7km az=98.0

IDC 03 11:13:11.1.3.9.19.27S:168.86E, h106km, 40km, mb4.0/5, mbmp4.3/6, Error ellipse: s-maj=67.2km s-min=26.9km

az=142.0
NOU 03 11:13:12.7, 19.345:168.89E, h88km, MLv4.6/11,
Vanuatu Islands

ISC 03 11:13:10.8-0.7, 19.305:006.169:0E:0.1, h104km, n42,
r1504/42, mb4.4/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, LIFNC LIFOU, CTU Camp Tracy, etc.

IDC 03 11:23:21.5-0.6, 42.45N:111.31W, h0km, mb4.0/1,
mbmp3.4/8, ML2.9/6, MS3.0/2, Error ellipse: s-maj=15.4km
s-min=5.2km az=159.0

NEIC 03 11:23:21.9-0.8, 42.670N:0.006:111.48W:0.03,
h4km, 5km, ML3.5/78, Mw3.7/80, ML3.5/16(UOSS), Error
ellipse: s-maj=3.7km s-min=0.7km az=99.0, Moment
Tensor Solution. Moment tensor: Scale 10^14Nm;
Mn=3.48; Ms=0.73; Mw=4.21; Mn-1.74; Mw-0.33; Mw2.25;
Fault plane solution: Mw4.83000x10^14 NP:
p160.68000°, s63.91000°, lambda-114.63000°. NP2:
p26.88000°, s35.28000°, lambda-49.60000°. Principal axes: T
4.8193, Plg15.0000°, Azm268.0000°; N 0.0291,
Plg22.0000°, Azm172.0000°; P -4.8484, Plg63.0000°,
Azm31.0000°

UOSS 03 11:23:22.4-1.2, 42.65N:0.02:111.46W:0.03, h9km, 8km
Error ellipse: s-maj=3.8km s-min=2.1km az=110.0

NEIC 03 11:23:22.42:67N:111.49W, h5km
ISC 03 11:23:22.4-0.7, 42.56N:0.02:111.48W:0.03, h10km, n81,
r1599/89, Eastern Idaho

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AHID Auburn Hatcher, BEI Bear River Ran, L17A Cokeville, etc.

Main table with columns: H17A, H17A, H17A, H17A, CTU, CTU, CTU, LKWW, LKWW, LKWW, BGU, BGU, YNR, YNR, BCI, BCI, YHH, YHH, BSUT, BSUT, YHL, YHL, YHL, YMP, YMP, HLID, HLID, HLID, RDMU, RDMU, RDMU, YNE, YNE, MPU, MPU, DUG, DUG, DUG, DUG, DUG, NLU, NLU, DLMT, DLMT, DLMT, RLMT, RLMT, RLMT, BOZ, BOZ, BOZ, BOZ, P18A, P18A, MFID, MFID, RWY, RWY, TMUT, TMUT, TMUT, ELK, ELK, ELK, O20A, O20A, O20A, SRU, SRU, SRU, K22A, K22A, ELMT, ELMT, PLID, PLID, BEMT, BEMT, N23A, N23A, MSO, MSO, MSO, ISCO, ISCO, LAO, LAO, LAO, NVAR, NVAR, NVAR, NEW, NEW, WUAZ, WUAZ, DGMT, DGMT, YBH, YBH, ANMO, ANMO, ULM, ULM, ULM, TXAR, TXAR, DLBC, DLBC, SEY, SEY. Includes station names like White Village, Grant Village, Camp Tracy, etc.

Table with columns: NOA, NOA, NOA, NEIC, UOSS, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AHID Auburn Hatcher, BEI Bear River Ran, L17A Cokeville, etc.

IDC 03 11:44:29.6:2.0,38°08'N;143°08'E,h0km,mb3.6/4,  
mbmp3.5/5,ML2.3/1,MS2.7/2,Error ellipse: s-maj=45.9km  
s-min=29.4km az=63.0  
NIED 03 11:44:33.0:38°10'N;142°68'E,h19km,MW3.5,Moment  
Tensor Solution. s3 Moment tensor: Scale 10<sup>15</sup>Nm;  
M<sub>11</sub>:0.04; M<sub>22</sub>:0.07; M<sub>33</sub>:0.03; M<sub>12</sub>:0.05; M<sub>13</sub>:0.01; M<sub>23</sub>:0.07;  
Fault plane solution: Mo:2.7000x10<sup>14</sup> NP1:φ<sub>22</sub>:22.0000°;  
δ88.0000°;λ83.0000°. NP2:φ<sub>22</sub>:279.0000°;δ8.0000°;  
λ67.0000°  
JMA 03 11:44:33.0:2.38°11'N;143°06'E,h19km,2km,  
M3.9/38°E,0.1MIYAGI PREF

ISC 03 11:44:31.8:2.3,38.09N;106.142;68E;0.08,h8km,13km,  
n26,-1.42,26,mb3.6/4,Near east coast of eastern  
Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JIKH	Ishinomakikobu	0.98	283	Op	11:44:59.9	+0.2
JJO	Ouri	1.11	289	P	11:44:52.9	+0.3
JIO		1.11	289	eS	11:45:06.6	-1.2
JKMT	Kesennumamotoy	1.19	307	P	11:44:54.5	-0.2
JKMT		1.19	307	S	11:45:09.6	-0.5
OFUJ	Ofunato	1.27	321	iP	11:44:55.7	0.0
OFUJ		1.27	321	S	11:45:11.7	-0.6
IMK	Ichinoseki	1.43	307	S	11:44:58.3	+0.3
IMK	Muroran	1.51	282	eS	11:45:18.3	+0.4
JOU	Okura	1.61	280	P	11:45:01.3	+0.8
JOM	Ohasama	1.75	322	P	11:45:03.2	+0.7
JOM		1.75	322	eS	11:45:25.4	+0.4
JOTO	OTAMA OYAMA	1.93	255	P	11:45:05.2	+0.2
JOTO		1.93	255	S	11:45:28.1	-1.4
JYK	Kaneyama	2.00	295	P	11:45:07.0	+1.1
JRG	Rokugo	2.06	310	eP	11:45:08.4	+1.7
JYS	Shirataka	2.07	274	P	11:45:08.4	+1.7
JYA	Atsumi	2.39	283	S	11:45:33.7	+1.0
JYANG	Nango	2.45	339	P	11:45:12.9	+1.7
MJAR	Matsushiro Arr	3.89	248	Ph	11:45:34.0	+2.2
MJAR		0.2nm,0.3s,baz=53,slow=10,SNR=8.7		Sb	11:46:25.2	-2.6
MJAR		0.1nm,0.3s,baz=76,slow=26,SNR=5.5	LR	LR	11:47:15.3	
KLR	Kuldr	13.64	328	LR	11:52:55.4	
H1N2	WAKE ISLAND Hy 27.86 124			T	12:19:37.0	
H1N1	WAKE ISLAND Hy 27.87 124			T	12:19:31.0	
H1N3	WAKE ISLAND Hy 27.88 124			T	12:19:36.5	
H1S1	WAKE ISLAND Hy 28.63 126			T	12:20:28.1	
H1S3	WAKE ISLAND Hy 28.63 126			T	12:20:28.7	
H1S2	WAKE ISLAND Hy 28.65 126			T	12:20:30.7	
ZALV	Zalesovo Beam	41.96	312	P	11:52:23.2	+0.4
MKAR	Makanchi Array	44.42	301	P	11:52:44.6	+1.7
WRA	Warramunga Arr	58.26	189	P	11:54:26.1	-0.6
ASAR	Alice Springs	61.98	189	P	11:54:51.5	-0.8

NOU 03 11:44:40.6:38°14'S;-176°23'E,h210km,MLV3.6/13,North  
Island, New Zealand

WEL 03 11:44:46.1:1.0,38°S;6°17'E;λ,1150km,9km,M3.1/61,  
ML1.9/8,MLV3.1/61,Error ellipse: s-maj=0.0km  
s-min=0.0km az=170.5,confirmed

ISC 03 11:44:39.2:1.9,38°12'S;0°07'E;176°20'E,0.06,  
h204km,10km,n142,-0.19/99/150,North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KARZ	Kaharoa	0.10	17	Op	11:47:42.2	
OMRZ	Omania	0.13	84	P	11:45:07.3	+1.4
HLRZ	Highlands Stat	0.18	138	P	11:45:07.8	+1.7
HSRZ	Hossack Road	0.19	171	P	11:45:07.6	+1.6
HRZR	Handcock Road	0.28	167	P	11:45:07.6	+1.4
RRRZ	Republican Road	0.33	132	P	11:45:07.7	+1.4
KWRZ	Kaimosi	0.42	88	P	11:45:07.3	+1.8
OPRZ	Ohinepanea	0.39	45	P	11:45:07.5	+1.0
TGRZ	Tauranga	0.39	7	P	11:45:07.5	+1.1
MARZ	Manawhae	0.40	70	P	11:45:07.9	+1.4
WPRZ	Whakapapatarin	0.40	185	P	11:45:08.0	+1.6
PRRZ	Plateau Road	0.41	159	P	11:45:07.9	+1.5
EDRZ	Edecumbe	0.42	88	P	11:45:07.2	+1.2
ALRZ	Allen Road	0.45	166	P	11:45:08.3	+1.6
TLZ	Tolley Road	0.56	248	P	11:45:08.9	+1.8
MUGZ	Murupara	0.57	129	P	11:45:08.2	+1.2
TOZ	Tahuroa Road	0.60	122	P	11:45:08.2	+1.2
URZ	Urewera	0.73	101	P	11:45:08.7	+1.0
URZ	Urewera	0.73	101	P	11:45:08.9	+1.1
URZ		0.73	101	S	11:45:26.8	-3.1
RTZ	Ruatanihua	0.79	129	P	11:45:09.7	+1.6
RTZ		0.82	204	S	11:45:28.5	-2.2
RAITZ	Rangitukia	0.82	204	P	11:45:10.3	+1.8
MTHZ	Maungataniwha	0.89	146	P	11:45:10.5	+1.8
MTHZ		1.05	292	-2.6		
RITZ	Rihia Road	0.90	197	P	11:45:11.0	+2.3
KATZ	Kakaramea	0.94	205	P	11:45:11.2	+2.1
RAHZ	Arahi	1.02	139	P	11:45:12.2	+2.5
RAHZ		1.06	203	S	11:45:32.5	-1.1
NTVZ	North Tongariri	1.06	203	P	11:45:12.0	+2.1
MWZ	Matawai	1.06	102	P	11:45:11.5	+1.7
MWZ		1.06	102	S	11:45:31.8	-1.9
BKZ	Black Stump Fm	1.07	168	P	11:45:11.9	+1.9
BKZ	Black Stump Fm	1.07	168	P	11:45:11.7	+1.9
BKZ		1.07	168	S	11:45:31.4	+2.6
KRVZ	Karewarewa	1.07	204	P	11:45:11.9	+1.9
TMVZ	Te Maari	1.07	201	P	11:45:11.9	+2.0
NMHZ	Naumai	1.08	151	P	11:45:12.8	+2.8
ETVZ	East Tongariro	1.08	201	P	11:45:12.2	+2.1
WTVZ	West Tongariro	1.10	206	P	11:45:12.2	+2.0
SNZ	Shannon Statio	1.11	127	P	11:45:12.5	+2.4
SNZ		1.11	127	S	11:45:32.8	-1.5
NVNZ	North Ngauruhoe	1.11	204	P	11:45:12.4	+2.1
TWVZ	Taurewa	1.12	212	P	11:45:12.4	+2.0
OTVZ	Oturere	1.12	212	P	11:45:12.3	+2.2
HIZ	Hauti	1.13	249	P	11:45:12.1	+2.1
HIZ		1.13	249	P	11:45:12.5	+2.3
SNVZ	South Ngauruhoe	1.15	202	P	11:45:12.7	+2.1
NGVZ	Ngauruhoe	1.16	204	P	11:45:13.0	+2.4
RUGZ	Raukumara Rang	1.17	83	P	11:45:11.6	+0.8
TUVZ	Tukino	1.22	202	P	11:45:12.3	+2.1
FWVZ	Far West T-bar	1.24	204	P	11:45:12.4	+1.0
WHVZ	Waihua	1.25	140	P	11:45:13.8	+2.6
WHVZ	Whangaehu Hut	1.26	202	P	11:45:13.7	+2.2
WHVZ	Whianoa	1.29	201	P	11:45:13.8	+2.1
ARVZ	Aroapanui	1.30	152	P	11:45:14.3	+2.7
HAZ	Te Kaha	1.31	174	P	11:45:14.1	+2.1
KWVZ	Kaweka Forest	1.31	173	P	11:45:14.2	+2.4
MOVZ	Moawhango	1.33	195	P	11:45:13.7	+1.8
PKVZ	Pokaka	1.35	210	P	11:45:14.2	+2.2
RIGZ	Rimuhau	1.36	116	P	11:45:14.8	+2.5
BHZ	Black Hill Sta	1.40	142	P	11:45:14.2	+2.0
MCHZ	McNeill Hill	1.38	164	P	11:45:15.1	+2.9
MTVZ	Mangateitei	1.39	204	P	11:45:14.6	+2.3
TWVZ	Tauwharepara	1.40	94	P	11:45:14.9	+2.4
KUZ	Kuaotunu	1.43	344	P	11:45:14.7	+2.1
KUZ	Kuaotunu	1.43	344	P	11:45:14.7	+2.1
KUZ		1.43	344	S	11:45:14.7	+2.1
KNZ	Kokohu	1.45	123	P	11:45:15.2	+2.5
PKVZ	Pakihiroa	1.50	82	P	11:45:15.3	+2.0
VRZ	Vera Road	1.51	228	P	11:45:16.1	+2.8
KRVZ	Kereru	1.53	175	P	11:45:15.9	+2.4
PRVZ	Paritua Road	1.54	122	P	11:45:16.1	+2.5
WIHZ	Waiheke Island	1.57	327	P	11:45:16.3	+2.5
CNVZ	Carnagh Statio	1.62	187	P	11:45:17.3	+3.1
CKHZ	Cape Kidnapper	1.68	156	P	11:45:15.7	+0.9
MHVZ	Mahia Peninsula	1.69	128	P	11:45:17.9	+3.0
KAHZ	Kahuranaki	1.75	163	P	11:45:18.6	+3.0

MXZ	Matakoao Point	1.75	72	P	11:45:18.5	+2.9
MXZ	Matakoao Point	1.75	72	P	11:45:18.2	+2.6
WMGZ	Waioamatini S	1.77	81	P	11:45:18.2	+2.4
PNHZ	Pukeni	1.79	180	P	11:45:18.1	+2.2
WAZ	Wanganui	1.89	110	P	11:45:19.5	+2.6
ORVZ	Oruahi Road	1.90	259	P	11:45:20.3	+3.4
LREZ	Lake Rotokare	1.94	226	P	11:45:20.6	+3.3
TSZ	Takapari Road	1.94	186	P	11:45:19.7	+2.3
WPHZ	Waipukurau	1.95	175	P	11:45:19.9	+2.5
PKXZ	Pawani	1.98	165	P	11:45:20.5	+2.8
NEZ	North Egmont	2.01	235	P	11:45:21.8	+3.6
OHVZ	Ohakea	2.19	181	P	11:45:22.0	+2.2
KHZ	Kahui Hut	2.08	235	P	11:45:22.2	+3.4
KHZ	Kahui Hut	2.08	235	P	11:45:22.3	+3.4
NBEZ	Newall Road No	2.16	237	P	11:45:22.9	+3.3
PRHZ	Porangahau	2.17	171	P	11:45:22.3	+2.6
DVHZ	Dunstanville	2.19	198	P	11:45:22.7	+2.7
OHVZ	Ohakea	2.19	188	P	11:45:22.7	+2.7
POVZ	Post Office Ro	2.29	188	P	11:45:23.2	+2.1
PNWZ	Angora Road	2.35	175	P	11:45:24.3	+2.7
BRVZ	Poriri Road	2.44	184	P	11:45:25.0	+2.5
PFVZ	Birch Farm	2.56	179	P	11:45:26.1	+2.2
BEVZ	Birch Farm	2.56	179	P	11:45:26.1	+2.2
MRZ	Mangatainoka R	2.58	191	P	11:45:26.1	+1.9
TIWZ	Tintock	2.66	185	P	11:45:27.2	+2.1
CPVZ	Castlepoint	2.79	180	P	11:45:29.2	+2.8
OPWZ	Olaki Gorge	2.81	196	P	11:45:28.7	+2.0
HOVZ	Holdsword Sta	2.82	192	P	11:45:28.6	+1.7
KIWZ	Kiwi Island	2.90	200	P	11:45:29.0	+1.5
TMWZ	Te Maipa	2.99	185	P	11:45:30.6	+1.7
MTW	Mount Morrison	3.08	190	P	11:45:31.4	+1.5
CAN	Cannon Point	3.11	196	P	11:45:31.8	+1.6
DUVZ	D'Urville Isla	3.21	213	P	11:45:33.1	+1.7
TRVZ	Tralee	3.39	185	P	11:45:38.9	+0.1
PAWZ	Parawai Farm	3.31	190	P	11:45:34.1	+1.4
WEL	Wellington	3.35	199	P	11:45:34.6	+1.5
MSWZ	Moikau Station	3.37	192	P	11:45:34.7	+1.3
SCVZ	South Karori	3.39				

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC. Includes stations like MASB, MBFL, GTBY, LMBY, etc.

DJA 03 11:55:46.71.4, N 15.127E, h10km, M4.4/11, mb4.5/8, mB4.8/3, MLV4.4/11, Mw(mB)4.0/3

ISC 03 11:55:48.8.3.9, 3.72N, 126.73E, h41km, 37km, mb4.0/18, mbmp4.2/20, ML4.2/2, MS3.2/12, Error ellipse: s-maj=28.8km s-min=12.5km az=76.0

NEIC 03 11:55:51.4.1.6, 3.74N, 0.09x126.8E, 0.1, h61km, 7km, mb4.6/31, Error ellipse: s-maj=15.5km s-min=11.8km az=61.0

ISC 03 11:55:49.8.0.4, 3.78N, 0.05x126.86E, 0.08, h50km, n90, e1918/87, mb4.5/31, MS3.1/9, 4C, Talaud Islands

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC. Includes stations like TMTI, TMTI, KMSI, LBM1, etc.

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC. Includes stations like MBWA, P5A00, KRVT, AS31, etc.

IDC 03 12:05:54.5.1.0, 37.94N, 142.83E, h0km, mb3.9/12, mbmp3.9/17, ML3.4/5, MS3.3/4, Error ellipse: s-maj=24.1km s-min=17.6km az=95.0

JMA 03 12:05:56.6.0.3, 38.0N, 0.6'142.8E, 0.9, h22km, 2km, MD4.4/0, MV4.3/40, FAR E 0'6' MIYAGI PREF

NIED 03 12:05:56.6, 38.01N, 142.76E, h22km, MW3.9, Moment Tensor Solution, s3 Moment tensor, Scale 1014Nm

ISC 03 12:05:57.2.0.8, 38.07N, 0.06x142.71E, 0.06, h10km, n51, e163/47, mb4.0/12, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC. Includes stations like JFK, JOU, JOT, JMO, etc.

IDC 03 12:18:59.8.1.3, 14.18S, 166.71E, h0km, mb4.0/6, mbmp4.0/7, ML3.9/1, MS3.6/9, Error ellipse: s-maj=34.9km s-min=27.7km az=107.0

NEIC 03 12:19:03.2.1.6, 14.20S, 0.02x167.1E, 0.2, h52km, 10km, mb4.4/9, Error ellipse: s-maj=25.2km s-min=1.9km az=94.0

ISC 03 12:19:02.9.0.9, 14.21S, 0.10x166.9E, 0.2, h35km, n30, e158/25, mb4.1/10, MS3.5/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC. Includes stations like LKUNF, LIFOU, KOUNC, etc.





Table with columns for station name, frequency, and various signal quality metrics. Includes stations like LPSR, GHRH, ARKS, VRI, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like NACGM, LANS, LANS, VYHS, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like HSKG, WTTA, WATA, SQTA, etc.





3d 13h

H24K	Noodor Dome	84.17	8	P	P	13 01 33.0 +1.3
G31M	Satah River	84.18	2	P	P	13 01 31.8 +0.1
J14K	Nanvaranak Lak	84.22	16	P	P	13 01 33.4 +1.4
I21K	Tanana	84.24	10	P	P	13 01 33.1 +1.1
G8M	Guyvsborough	84.28	319	P	P	13 01 32.5 -0.1
SHEN	Shemaya Is. Ala	84.30	31	LR	LR	13 01 31.6 -3
J16K	Anvik River	84.41	14	P	P	13 01 33.6 +0.7
H27K	Steamboat Moun	84.44	5	P	P	13 01 33.9 +0.8
MLY	Manley	84.56	9	P	P	13 01 34.3 +0.6
MLY	Manley	84.56	9	P	P	13 01 34.1 +0.4
EPYK	Eagle Plains	84.62	3	P	P	13 01 34.1 0.0
I23K	Minto, Yukon-K	84.64	9	P	P	13 01 34.8 +0.8
H29M	Whitestone	84.68	4	P	P	13 01 34.6 +0.3
H29M	Whitestone	84.68	4	P	P	13 01 34.6 +0.3
J19K	Poorman	84.75	12	P	P	13 01 35.6 +0.9
PRP	Porcupine Dome	84.75	7	P	P	13 01 35.9 +1.0
PRP	Porcupine Dome	84.75	7	P	P	13 01 35.4 +0.5
J20K	Nowinta River	84.83	11	P	P	13 01 35.7 +0.6
J20K	Nowinta River	84.83	11	P	P	13 01 35.6 +0.5
POKR	Poker Plat Res	84.92	8	P	P	13 01 36.0 +0.5
MDM	Murphy Dome	84.97	8	P	P	13 01 36.2 +0.4
I27K	Kandik River	85.05	6	P	P	13 01 36.8 +0.6
COLA	CIGO, UAF Yank	85.10	8	P	P	13 01 36.8 +0.5
COLA	Colleger	85.10	8	P	P	13 01 36.9 +0.5
I26K	Coal Creek Min	85.20	6	P	P	13 01 37.4 +0.5
NEA2	Nemane	85.21	9	P	P	13 01 37.0 +0.1
H31M	Peel River	85.29	3	P	P	13 01 37.8 +0.4
H31M	Peel River	85.29	3	P	P	13 01 37.7 +0.3
IL31	IL31	85.32	8	P	P	13 01 37.3 -0.1
ILAR	Eielsen Array	85.32	8	P	P	13 01 37.1 -0.4
ILAR	Eielsen Array	85.32	8	P	P	13 01 36.9 -0.6
ILAR	Eielsen Array	85.32	8	P	P	13 45 37.4
I28M	Mliner Creek	85.33	5	P	P	13 01 37.6 -0.1
K17K	Iditarod	85.40	13	P	P	13 01 38.5 +0.6
BPAW	Bear Paw Mtn.	85.41	10	P	P	13 01 38.1 +0.1
CHUM	Lake Minchumin	85.41	10	P	P	13 01 38.5 +0.6
I29M	Ogilvie Camp	85.53	4	P	P	13 01 38.4 -0.1
K20K	Telida	85.61	11	P	P	13 01 38.7 -0.2
K20K	Telida	85.61	11	P	P	13 01 39.6 +0.6
J25K	Salcha River	85.65	7	P	P	13 01 39.5 +0.2
L14K	Kulka Creek	85.65	16	P	P	13 01 40.0 +0.8
TTA	Tatalina	85.65	12	P	P	13 01 40.1 +0.9
HDA	Harding Lake	85.66	8	P	P	13 01 38.6 -0.6
I30M	Mount Dempster	85.78	3	P	P	13 01 40.1 +0.1
I30M	Mount Dempster	85.78	3	P	P	13 01 41.0
I30M	Mount Dempster	85.78	3	P	P	13 01 39.9 -0.1
CAST	Castle Rocks	85.88	11	P	P	13 01 40.6 +0.3
L17K	Donlin	85.92	14	P	P	13 01 41.3 +0.8
J26L	Joseph Creek	85.95	7	P	P	13 01 41.0 +0.3
MCK	McKinley	86.05	9	P	P	13 01 41.0 -0.2
L16K	Owhat River	86.06	14	P	P	13 01 42.4 +1.2
TRF	Thorofore Moun	86.12	10	P	P	13 01 41.9 +0.1
GUM	Guam	86.17	77	LR	LR	13 02 42.5.6
L18K	Granite Moun	86.17	13	P	P	13 01 42.6 +0.8
K24K	Donnelly Dome	86.39	8	P	P	13 01 42.6 -0.2
SCRK	Sand Creek	86.42	7	P	P	13 01 43.6 +0.5
J30M	Hart River	86.43	3	P	P	13 01 43.4 +0.2
K27K	Chicken	86.55	6	P	P	13 01 44.5 +0.9
K27K	Chicken	86.55	6	P	P	13 01 44.3 +0.7
KNRA	Kununurra	86.57	110	P	P	13 01 44.1 -0.3
M15K	Kasigluk River	86.69	15	P	P	13 01 45.3 +1.0
DAWY	Dawson	86.74	5	P	P	13 01 45.3 +0.7
DAWY	Dawson	86.74	5	P	P	13 01 46.0
DAWY	Dawson	86.74	5	P	P	13 01 44.8 +0.2
M17K	Hollita River	86.77	14	P	P	13 01 45.6 +0.9
M16K	Timber Creek	86.78	14	P	P	13 01 46.0 +1.2
DHY	Denali Highway	86.89	9	P	P	13 01 44.8 -0.7
K29M	Barlow Dome	87.09	4	P	P	13 01 46.8 +0.3
K29M	Barlow Dome	87.09	4	P	P	13 01 47.8
K29M	Barlow Dome	87.09	4	P	P	13 01 46.7 +0.3
L26K	Log Cabin Wild	87.41	7	P	P	13 01 49.3 +1.4
BCAR	Beaver Creek A	87.53	6	P	P	13 01 49.1 +0.7
L27K	Beaver Creek	87.53	6	P	P	13 01 49.3 +0.9
L29M	L29M	87.78	4	P	P	13 01 50.1 +0.4
SUA	Susitna One	87.94	11	P	P	13 01 50.8 +0.3
YKA	Yuklwaite Ar	88.08	354	P	P	13 01 51.1 +0.1
M27K	Edge Creek, AK	88.21	6	P	P	13 01 52.6 +0.8
M29M	Somme Creek	88.42	5	P	P	13 01 53.6 +0.8
MMPY	Sheldon Lake	88.58	1	P	P	13 01 54.6 +1.2
KLU	Klutina	88.60	8	P	P	13 01 54.4 +0.8
M31M	Drury Creek, Y	88.89	3	P	P	13 01 55.2 +0.3
FARO	Faro, Yukon	88.91	2	P	P	13 01 55.5 +0.5
YUK3	Moose Creek	88.92	6	P	P	13 01 55.9 +0.7
YUK4	Talbot Arm	89.49	5	P	P	13 01 58.2 +0.3
TGNT	Hyland Airport	89.71	0	P	P	13 02 00.1 +1.3
HYT	Haines Junctio	90.09	5	P	P	13 02 01.2 +0.6
HYT	Haines Junctio	90.09	5	P	P	13 02 01.5 +0.8

2017 SEP

RCBR	Riachuelo	90.76	264	LR	LR	13 43 05.3
DLBC	Dease Lake	92.79	1	P	P	13 02 14.1 +0.9
DLBC	Dease Lake	92.79	1	P	P	13 02 12.3 -0.8
WRA	Warramunga Arr	93.30	111	P	P	13 02 14.8 -1.3
ASAR	Alice Springs	94.78	114	P	P	13 02 21.1 -1.6
ULM	Lac du Bonnet	95.95	340	LR	LR	13 48 17.6
MAW	Mawson	96.76	176	LR	LR	13 39 09.7
BBB	Bella Bella	97.07	360	LR	LR	13 57 39.6
TXAR	Lajitas Array	117.34	336	PKP	PKP	13 07 45.5 -1.4
DZM	Mont Dumac	121.31	99	eLR	LR	13 45 18.0
PLCA	Paso Flores	132.06	240	PKP	PKP	13 08 14.3 -0.2
TAOE	Nuku Hiva Isla	156.97	91	eLR	LR	14 02 00.2
PPT2	Papeete2	157.35	64	eLR	LR	14 02 06.6
PPT2	Papeete2	157.35	64	eLR	LR	14 02 15.3

THE 03 12:52:05.2, 39°01'N-26°09'E, h9km, ML2.4/5, Error ellipse: s-maj=1.4km s-min=0.5km az=71.0

DDA 03 12:52:05.4, 0.0, 39°01'N-26°08'E, h7km, ML2.2

ATH 03 12:52:05.8, 39°01'N-26°08'E, h10km, ML2.3/9, Error ellipse: s-maj=1.4km s-min=0.7km az=115.0

ISC 03 12:52:05.4, 0.0, 39°00'N-02°26'08"E, 0.02, h13km, 7km, n31, c0549/54, Turkey

THAS	Thassos island	1.91	327	P	Pn	12 52 37.8 +0.1
THAS	Thassos island	1.91	327	P	Pn	12 53 00.9 -0.7
THAS	Thassos island	1.91	327	P	Pn	12 53 08.3
THAS	Thassos island	1.91	327	P	Pn	12 53 12.8
RDO	Rodhopi	2.18	349	P	Pn	12 52 41.0 -0.3

IDC 03 12:53:27.5:8.8, 30.96Sx179.41W, h450km, 106km, mb2.5/2, mbtmp3.5/3, Error ellipse: s-maj=101.4km s-min=45.4km az=8.0, KermaDEC Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	Res
URZ	Urewera	7.83	201	Op	12 55 19.6	-1.3
URZ	Urewera	7.83	201	Op	12 56 55.8	+1.8
ASAR	Alice Springs	41.87	268	P	13 00 37.1	0.0
WRA	Warramunga Arr	42.91	274	P	13 00 44.9	-0.4
FINES	FINES Array B	145.24	339	PKP	13 12 12.2	0.0

NOU 03 13:04:10.2, 37°16'S-179°62'E, h0km, MLV3.9/7, Off E. Coast of N. Island, N.Z.

WEL 03 13:04:19.2, 1.2, 37°5.5'17"9E, h12km, ML2.9/6, ML3.1/18, MLV2.9/6, Error ellipse: s-maj=0.0km s-min=0.0km az=76.7, confirmed

ISC 03 13:04:16.1, 3.2, 37°16S-0°08'E, 0.179, 1E:0.1, h17km, 11km, n45, c118/50, Off east coast of North Island

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	Res
MXZ	Matakaoa Point	0.75	237	P	13 04 30.8	0.0
MXZ	Matakaoa Point	0.75	237	P	13 04 30.9	0.0
MXZ	Matakaoa Point	0.75	237	P	13 04 39.6	-1.2
WMXZ	Waiomatatini S	0.86	219	P	13 04 34.3	+0.8
PKGZ	Pakihito	1.09	228	P	13 04 37.2	+0.5
PUZ	Pukitiro	1.13	216	P	13 04 37.9	+0.6
HAZ	Tauhaharepareae	1.21	240	P	13 04 37.8	-0.5
THWZ	Te Wharepareae	1.35	221	P	13 04 41.5	+0.4
RUCZ	Raukumara Rang	1.39	234	P	13 04 58.9	+1.9
CNGZ	Carnagh Statio	1.50	208	P	13 04 43.8	+0.2
MWZ	Matawai	1.71	226	P	13 04 46.4	+1.1
RIGZ	Rimuhau	1.88	214	P	13 04 48.0	+0.5
URZ	Urewera	1.93	234	P	13 04 49.4	+1.3
URZ	Urewera	1.93	234	P	13 04 49.2	+1.1
SNZG	Shannon Statio	2.14	220	P	13 04 52.1	+1.0
OPRZ	Ohinepanea	2.14	220	P	13 04 52.5	+1.4
RTZ	Ruatahuna	2.22	228	P	13 04 53.2	+0.9
MUGZ	Murupara	2.27	234	P	13 04 53.4	+0.6
MTHZ	Maugataniwha	2.46	226	P	13 04 56.7	+1.1
MTHZ	Maugataniwha	2.46	226	P	13 05 25.7	+1.5
NAUMZ	Naumai	2.65	222	P	13 04 58.9	+0.4
ARHZ	Aroapanui	2.68	218	P	13 04 59.1	+0.2
MRHZ	Matea Rd	2.70	231	P	13 05 00.9	+1.3
KUZ	Kuaotunu	2.74	278	P	13 05 05.8	-0.4
KUZ	Kuaotunu	2.74	278	P	13 05 07.4	+0.4
BKZ	Black Stump Fm	2.87	225	P	13 05 01.5	+0.3
BKZ	Black Stump Fm	2.87	225	P	13 05 02.3	+0.5
TOZ	Tahuroa Road	2.92	258	P	13 05 02.2	-0.2
MCHZ	McNeill Hill	2.97	219	P	13 05 04.0	+0.2
GRZ	Great Barrier	3.06	286	P	13 05 04.9	+0.3
KWZF	Kawaka Forest	3.09	222	P	13 05 04.9	+0.3
MKAZ	Moumakai	3.15	270	P	13 05 04.2	-0.9
KAHZ	Kahurangi	3.16	213	P	13 05 06.8	+0.0
KRHZ	Kereru	3.28	220	P	13 05 08.1	+0.6
NTVZ	North Tongarir	3.33	233	P	13 05 07.9	+0.3
BHZZ	Black Hill Sta	3.34	232	P	13 05 09.6	+1.9
ETVZ	East Tapanaki Re	3.34	272	P	13 05 08.5	+0.3
OTVZ	Oturere	3.37	232	P	13 05 09.7	+1.5
MBAZ	Motutapu North	3.39	275	P	13 05 08.7	+0.2
SNVZ	South Ngauruho	3.40	232	P	13 05 11.3	-0.2
MTVZ	Mangateitei	3.62	231	P	13 05 13.6	+2.1
Hauti	Hauti	3.62	247	P		

Table with columns: CTU, comp, IAML, Pn, 13 07 57.8, 13 07 23.5 -0.8, 13 08 04.0, 13 07 25.2 +0.3, 13 07 55.8, 13 07 56.8, 13 07 28.0 -0.2, 13 07 28.6 -0.3, 13 07 25.1 -0.9, 13 07 25.2 -1.1, 13 08 02.9, 13 08 10.8, 13 07 25.0 -1.5, 13 08 00.1, 13 07 29.9 -1.0, 13 08 13.1, 13 07 34.1 -1.7, 13 07 31.4 -1.3, 13 08 20.1, 13 08 25.7, 13 07 31.0 -1.8, 13 08 22.2, 13 08 22.8, 13 07 31.9 -2.0, 13 08 23.3, 13 07 35.8 -0.5, 13 07 55.3 -1.7, 13 07 56.6 -1.6, 13 08 00.0 -0.6, 13 08 00.4 -1.2, 13 08 32.6 +4.2, 13 10 21.9, 13 10 18.6 +0.7

IDC 03 13:09:30.5-7.0, 17.815x173.76W, h152km, 4.3km, mb3.2/3, mbrmp3.7/4, Error ellipse: s-maj=168.6km s-min=27.6km az=141.0, Tonga Islands

KRNET 03 13:12:47.6:0.1, 40.92N:74.06E, h18km, mb3.5 SOME 03 13:12:48.3, 40.93N:74.08E, h15km ISU 03 13:12:48.9, 41.02N:73.91E, h16km NNC 03 13:12:48.5:0.8, 40.97N:74.02E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=5.5km s-min=3.2km az=21.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, ARLS Aral, SFK Sufi-Kurgan, OHH Osh, AML Almayashu, AML Almayashu, AML Almayashu, TSTA Tashata, ANR Andizhan, UCH Uchitor, UCH Uchtor, UCH Uchtor, NRN Naryn, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, EKS2 Erkin-Say, ARK Arkit, ARK Arkit, FRG Fergana, NAM Namangan, KBK Karagaybulak, KBK Karagaybulak, MRKS Merke, MRKS Merke

Table with columns: MRKS, FRU1, KSNS, MNAS, CHMI, ULHL, ULHL, ULHL, BOOM, BOOM, CHMS, CHMS, CHMS, CHMS, TKM2, TKM2, TKM2, TKM2, USP, USP, KST, KST, KST, SGDS, BTK, BTJ, KDJ, DGS, DGS, DGS, DGS, MTBS, MTBS, MTBS, DZA, DZA, DZA, IZV, IZV, IZV, TNSS, TNSS, TNSS, KRBS, KRBS, KRBS, CHMG, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, KOTS, KOTS, KOTS, IUG, IUG, ANVS, ANVS, KTBS, KTBS, KTBS, KK31, KK31, NZBK, SATY

Table with columns: SATY, SATY, SATY, ZHN, ZHN, ZHN, ZHN, KURS, KURS, KURS, BTLS, BTLS, BTLS, KPKS, KPKS, KPKS, ARXS, ARXS, ARXS, ARXS, BLB, BLB, SHLS, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, PDGK, KNOS, KNOS, TDK, TDK, TDK, TDK, DJR, DJR, DJR, DJR, AGL, NUT, DZN

IDC 03 13:25:3.4:2.0, 42.73N:111.59W, h0km, mbrmp2.5/2, ML2.8/2, Error ellipse: s-maj=34.2km s-min=9.1km az=161.0 NEIC 03 13:25:56.1:1.2, 42.657N:0.007:111.44W:0.03, h10km, 2km, ML2.7/60, ML2.8/14(UUSS), Error ellipse: s-maj=4.3km s-min=3.0km az=86.0 UUSS 03 13:25:56.0:0.8, 42.67N:0.01:111.46W:0.03, h6km, 4km, Error ellipse: s-maj=3.3km s-min=1.8km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AHID Auburn Hatcher, BEI Bear River Ran, L17A Cokeville, EMUT Black Mountain, REDW Red Top Meadow, HDU Hardware Ranch, WUT Wellsville, MOOW Moose Ponds, IMW Indian Meadow, HVU Hessel Valley, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, SPUT South Promonto, SPUT South Promonto, TCUT Toone Canyon, YFP Pitchstone Pla, YFT Old Faithful, YFT Old Faithful, H17A Grant Village, H17A Grant Village

3d 13h

Table with columns: CTU, comp, Station Name, Az, Pn, Time, Res. Includes stations like Camp Tracy, Big Grassy Mou, Bear Canyon, etc.

IDC 03 13:19:11.9, 9.1, 42.78N:111.54W, h0km, mbmtop 2.6/3, ML2.7/3, Error ellipse: s-maj=36.4km s-min=6.3km az=163.0

NEIC 03 13:19:13.5, 1.0, 42.66N:101.111.47W:0.03, h10km, 2km, ML2.8/44, ML2.8/14(UUSS), Error ellipse: s-maj=3.7km s-min=3.1km az=88.0

UUSS 03 13:19:14.1, 0.9, 42.66N:101.111.48W:0.03, h7km, 5km, Error ellipse: s-maj=3.5km s-min=1.9km az=110.0

ISC 03 13:19:12.8, 0.8, 42.65N:101.111.45W:0.04, h9km, n40, o65942, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, Pn, Time, Res. Includes stations like Auburn Hatcher, Bear River Ran, etc.

2017 SEP

Table with columns: ELK, comp, Station Name, Az, Pn, Time, Res. Includes stations like Black Pine Ridge, Spring Creek 3, etc.

WEL 03 13:35:05.7, 0.5, 39.53S:177.7E:1.0, h30km, 4km, M3.1/61, ML3.5/18, MLV3.1/61, Error ellipse: s-maj=0.0km s-min=0.0km az=133.6, confirmed

NOU 03 13:35:05.1, 39.45S:176.32E, h13km, MLV3.3/5, North Island, New Zealand

ISC 03 13:35:05.8, 1.3, 39.35S:176.55E:0.03, h43km, 7km, n121, o6996/133, North Island

Main station list table with columns: Code, Station Name, Az, Pn, Time, Res. Includes stations like Kaweka Forest, McNeill Hill, etc.

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Table with columns: TKNZ, QRZ, MRNZ, THZ, DSZ, LTZ, Station Name, Az, Pn, Time, Res. Includes stations like Takaka Hill, Quartz Range, etc.

IDC 03 13:41:23.4, 2.8, 48.14N:129.59W, h0km, mbmtop 3.5/5, ML2.7/4, Error ellipse: s-maj=57.6km s-min=20.7km az=64.0, Vancouver Island region

Table with columns: Code, Station Name, Az, Pn, Time, Res. Includes stations like Yreka Blue Hor, Mina Array Bea, etc.

BGR 03 13:44:04.9, 20.26S:177.99W, h500km, NOU 03 13:44:08.4, 20.42S:177.93W, h554km, mb4.6/51, Fiji Islands Region

NEIC 03 13:44:08.0, 1.5, 20.7S:178.0W:0.1, h527km, 7km, mb4.4/142, Error ellipse: s-maj=23.7km s-min=15.2km az=159.0

IDC 03 13:44:08.8, 1.1, 20.49S:178.23W, h544km, 12km, mb3.7/23, mbmtop 4.2/7, Error ellipse: s-maj=11.5km az=152.0

ISC 03 13:40:08.0, 0.3, 20.45S:177.47E:0.06, h534km, n396, o690358, mb4.4/103, 11C-17D, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Pn, Time, Res. Includes stations like Taveuni, Nonsavu, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like AS31, ASAR Alice Springs, ASAR, ASAR, ASAR, WB0, WRB, WRA, WRA, WRA, KDU, MTN, MTN, FORT, WRKA, KNRA, SOEI, SOEI, MEWA, MEWA, VVND, VVND, KLBR, BLUD, BLU, GIRL, RPN, PLAI, MJAR, PETK, KRSR, SAO, SAO, BCW, KMRM, KMRM, USRK, USRK, VES, MONP2, EDW2, IKP, CWC, MPMC, GSC, YBH, YBH, WAKR, WAKR, MPK, MPK, DSP, DSP, YERR, GMRC, TUQ, NVAR, GMN, PAHR, PAHR, WCT, KVN, TPNV, PDMCI, K05A, O18K, CN2, S11A, H04A, PINE, PRN, M16K, O19K, I05D, R11B, L15K, TUC, TUC, WVOR, K15K, X16A, 319A, J08A, U15A, L18K.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ELK, ELK, BBB, L19K, PKCU, SUA, G08A, G08A, M22K, HAWA, PMR, HEH, HEH, 121A, 121A, SCM, D08A, E09A, EAST, CAST, CAST, CAST, N25K, WAT6, TMUT, WAT1, PLID, P29M, HLID, J20K, TRF, TRF, C09A, O28M, RND, ELIB, ELIB, MNTX, MNTX, I20K, MCK, P30M, YUK8, TX32, TXAR, M26K, M26K, S34M, YUK3, H19K, H19K, M27K, M27K, NEW, ANMO, ANMO, ANMO, H20K, ALPN, I21K, I21K, K24K, NEA2, NEA2, BVCY, O30N, O30N, MLY, MLY, TROLL, G19K, HDA, H21K, N30M, L27K, WHY, DLBO, I23K, MDM, VNA3, SCRK, IL31, ILAR, P33M, M29M, M29M.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H22K, S22A, S22A, J25K, SAND, VNA2, G21K, K27K, J26L, J26L, F20K, VNA1, M30M, M30M, L29M, E19K, BOZ, PRP, G22K, M31M, PLCA, SDCO, DAWY, DAWY, DAWY, WTLY, K29M, K29M, F22K, YONE, YONE, E20K, T25A, CMAR, CMAR, CHTO, D20K, E21K, E22K, I28M, I28M, F24K, J30M, HND0, G26K, C21K, D22K, I30M, I30M, H29M, EPYK, G29M, F28M, G30M, SONM, ZALV, MKAR, BVAR, ARU, ABKAR, BOSA, AKTO, GEYT, ARCES, KIRV, FINES, NB2, NOA, NOA, HFS, AKASG, AKASG, LODK, EKA, BNN, BSEGT, BSEGT, BRTT, BRTR, BRTR, BURAR, KOLS, KOLS, STHS, STHS, ANTO, RETH, FLTG, CRVS.



Table with columns: PDAR, Lg, Lg, 14 13 38.6, etc. Includes stations like Toone Canyon, South Promonto, Camp Tracy, Grand Valley, Old Faithful, Big Grassy Mou, Holmes Hill, Red Mountain, Maple Canyon, Dugway, North Lily Min, Elko, White River Ci, San Rafael Swe, Mina Array Bea, Newport, Yreka Blue Hor, Albuquerque, Lac du Bonnet, Lajitas Array.

ATH 03 14:13:56.0, 39.80N; 19.91E, h6km, 1km, ML2.4/7, Manual Solution by N.Liadopoulos This location: 2019/11/20 06:23:28 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 03 14:13:56.7, 39.81N; 19.92E, h10km, 1km, ML2.4/4, Error ellipse: s-maj=2.5km s-min=0.8km az=330.0 DDA 03 14:13:56.9, 39.87N; 19.88E, h5km, 1km, ML2.3, M2.5 ISC 03 14:13:56.3, 0.8, 39.81N; 0.02, 19.95E, 0.02, h8km, 6km, n35, c1500/52, Greece-Albania border region

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KASSIOP, SARANDE, KERKIRA, LESKOVIK, JANINA, PSARA, CHIOS ISLAND, KIPOURIO, LEFKADA ISLAND, SANTA CESAREA, DRAGANO-LEFKADA, NYDRI-LEFKADA, LAFKADA ISLAND, KLOKOTOS TRIKA, PESSADA-KEFALO, STON, LASTOVO, RICICE.

Table with columns: HVAR, Hvar, 4.27 323 ePn, Pn, 14 15 04.0 +2.4, etc. Includes stations like Canakkale, Gulpinar-Canak, Bozcaada, Sazli, Ezine, Paraskevi, Canakkale Bayr, Mitilini, Lesv, Canakkale, GOKA, KARGA, Limnos Island, Balikesir, Agios Efstrati, Dikili, Candarli, Tayfur-Gelibol, zmir-Karabur, KARABUR, KARABUR, LAPSEKI, ZEDDA, SMATH, SMATH, PSARA, PSARA, CHIOS ISLAND, ERIZ, ENEZ, ENEZ, BANYA, BALYA, URLA, KRIBG, SKY, SKY, ALEXANDROUPOLI, ALN, ALN, GONEN-BALIKESIR, BALIKESIR, SARKOY-TAKIRDA, EDINCIK, RODHOPI, RODHOPI.

THE 03 14:21:48.8, 39.56N; 26.05E, h7km, 1km, ML2.6/5, Error ellipse: s-maj=1.6km s-min=0.5km az=160.0 ISK 03 14:21:48.4, 39.56N; 26.03E, h8km, ML2.6/23 DDA 03 14:21:48.9, 0.0, 39.55N; 26.08E, h10km, ML2.2 ATH 03 14:21:49.6, 39.54N; 26.02E, h12km, 1km, ML2.6/9, Error ellipse: s-maj=1.6km s-min=0.8km az=224.0 ISC 03 14:21:48.9, 0.8, 39.55N; 0.01, 26.04E, 0.02, h10km, 6km, n57, c042/84, Turkey

Table with columns: UKOP, Balovca, 1.64 16 Pn, Pn, 14 22 17.8 0.0, etc. Includes stations like Klimovskoe, Joensuu, Ruokolathi, Romuvaara, Nilsia, Virojoki, Kangasniemi, FINESS Array S, Rieikki, Pernaja, Kos Island, Nisiroi, KALYMNOS, ARGARKHANGELOS, IKRA, APEIRANTHOS, SANTORINI, THIRA ISLAND, NEA KAMMENI, IZMIR, URLA-ZE, BALCOVA, IZMIR, ZAKROS, SAMOS, AYDIN, DIDIM, GCAM, BODRUM, KAYBASI, ZEMELCAMP, MUGLA, MERKEZ, MUGLA.

HEL 03 14:27:56.5, 0.8, 61.789N; 35.89E, h0km, ML2.5, Explosion ISC 03 14:27:55.7, 1.4, 61.89N; 0.06, 35.72E, 0.06, h0km, n10, c2520/20, Baltic States-Belarus-Western Russia

ATH 03 14:40:27.2, 36.71N; 27.12E, h22km, 1km, ML2.2/6, Error ellipse: s-maj=2.2km s-min=1.2km az=205.0 ISC 03 14:40:26.3, 1.0, 36.72N; 0.04, 27.10E, 0.04, h27km, 6km, n18, c1574/27, Dodecanese Islands





Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include ASAR Alice Springs, RABL Rabaul, WRO Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WB0 Warramunga Arr, QSPA South Pole U.S., BATI Baumata, BELA Belgrano 2, BELA Belgrano 2, ARCES ARCES Array B, FINES FINES Array B.

NEIC 03 15:12:39.71.4. 42.66N.0.02:11.42W.0.03, h6km, 5km, ML2.8/56, ML3.0/12(UUSS), Error ellipse: s-maj=4.0km s-min=2.1km az=124.0

UOSS 03 15:12:39.2.1.9. 42.67N.0.02:11.45W.0.04, h11km, 8km, Error ellipse: s-maj=4.8km s-min=2.1km az=107.0

Main table for the left column containing station data for Eastern Idaho. Columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include AHID Auburn Hatcher, BMUT Black Mountain, HDU Hyde Park, PTU Portage, HWUT Hardware Ranch, MOOW Moose Ponds, LTU Little Mtai, IMW Indian Meadow, BV06 Boulder Array, PD31 Pinedale Array, CTU Camp Tracy, LWKY Lake, YNR Norris Junctio, BGU Big Grassy Mou, YHL Hebggen Lake, HLID Hailey, RDMU Red Mountain, DUG Dugway, DLMT Dillon, P18A Preston North, RWY Rawlins, SHRY Pilot Hill, HMO Henry Mountain, BMO Battle Mountain, BMN Battle Mountain, NVAR Mina Array Bea, NVAR Mina Array Bea, TXAR Lajitas Array.

OSPL 03 15:18:30.7.1.0. 19.54N.76.13W, h0km, 7km, ML2.1 SSNC 03 15:18:30.7.1.1. 19.99N.76.27W, h16km, 3km, MD2.6, ML2.8, MW2.6

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include LMGC comp=N, 628nm, 0.1s, GTTY Guantamo Bay, GTTY Guantamo Bay, GTTY Guantamo Bay, GTTY Guantamo Bay, GTMO Guantamo, MOAC Moa, MTDJ Mount Denham, MASC Masc, MASC Masc, MASC Masc.

IDC 03 15:20:33.4.1.2. 48.39N.129.02W, h0km, mb3.6/8, mbmtp3.7/16, ML3.4/7, MS3.5/39, Error ellipse: s-maj=24.5km s-min=11.3km az=64.0

IDC 03 15:20:35.8.1.0. 48.51N.128.8W.0.1, h10km, n47, 1506/18, mb3.6/7, MS3.5/28, Vancouver Island region

Main table for the middle column containing station data for various locations. Columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include Code Station Name, BBB Bella Bella, BBB Bella Bella, NEW Newport, YBH Yreka Blue Hor, YBH Yreka Blue Hor, DLBC Deep Lake, DLBC Deep Lake, ELK Elko, NVAR Mina Array Bea, NVAR Mina Array Bea, YKA Yonkers, PFO Pinyon Flats O, PFO Pinyon Flats O, ILAR Eielson Array, ILAR Eielson Array, INK Inuvik, INK Inuvik, ANMO Albuquerque, ANMO Albuquerque, ULM Lac du Bonnet, ULM Lac du Bonnet, TXAR Lajitas Array, TXAR Lajitas Array, SADO Sadow, TKL Tuckaleechee C, FRB Froberisher Bay, SHEM Shemys Is, ALA, SCHO Schefferville, SFJD Kangerlussuaq, TEIG Tepich, PETK Petropavlovsk, MA2 Magadan, TIXI Tikeli, YAK Yakutsk, BORG Borgas, ASAJ Asahikawa, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, SJG San Juan, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, KLR Kuldur, MJAR Matsushiro Arr, NOA NORAS Array B, NOA NORAS Array B, SONM Sonsea Array, SONM Sonsea Array, ZALV Zalesovo Beam, BRG Berggiesshubel, BRG Berggiesshubel, GUMO Guam, BVAR Borovoye Array, ESDC Sonsea Array, MKAR Makanchi Array, MKAR Makanchi Array, MLR Mutile Rosu.

IDC 03 15:47:51.8.1.4. 42.87N.111.61W, h0km, mbmtp3.6/2, ML2.4/2, Error ellipse: s-maj=25.3km s-min=6.7km az=166.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include AAK Ala-Archa, DAV Davao City (W).

MDD 03 15:26:36.0.0.4. 35.53N.3.76W, h0km, mb, Lg2.3/11, Error ellipse: s-maj=3.6km s-min=3.0km az=27.0

CNMR 03 15:26:36.2.35.45N.3.76W, h31km, ML2.4, SFS 03 15:26:36.2.35.45N.3.76W, h18km, ML2.5/10, ML2.6/10, ML2.7/10

INMG 03 15:26:36.0.1.5. 35.59N.3.78W, h3km, ML1.8, Error ellipse: s-maj=5.8km s-min=4.1km az=4.0

ISC 03 15:26:35.0.1.0. 35.52N.0.02:3.74W.0.02, h18km, n7km, n49, 1507/80, Strait of Gibraltar

Main table for the right column containing station data for various locations. Columns: Code, Station Name, Az, El, P, S, Time, Res. Rows include PALE Paelemas, PALE Paelemas, PALE Paelemas, PVLZ Pelem de, PVLZ Pelem de, WMELI Melilla, WMELI Melilla, EMEL Melilla, EMEL Melilla, GOG Mont Gurugu, GOG Mont Gurugu, GOG Mont Gurugu, EALB Alboran, EALB Alboran, AKLM AKL, AKLM AKL, AKLM AKL, CHAS Isla Isabel II, CHAS Isla Isabel II, TAF Tavorat, TAF Tavorat, EMIJ Mijas, EMIJ Mijas, ELGU Los Guajares, ELGU Los Guajares, ELGU Los Guajares, SMIR Smir Dam, SMIR Smir Dam, EMAL Malaga-Limoner, CHEFC Chefchaouen, CHEFC Chefchaouen, JBK JBK, JBK JBK, EBER Berja, EBER Berja, EGOR Sierra Gorda, EGOR Sierra Gorda, EGOR Sierra Gorda, EGOR Quentar, EGOR Quentar, EQTA Presa de Quent, EQTA Presa de Quent, RSA Sarsar, LCRM LCR, LCRM LCR, LCRM LCR, EQES Quesada, EQES Quesada, EQES Quesada, EQES Quesada, EADA Adamuz, EADA Adamuz, EADA Adamuz, MD31 MD31, MD31 MD31, MDT Midelt, MDT Midelt, TDRA Tendirra, TDRA Tendirra, ECAB EI Cabril, ECAB EI Cabril, EMUR La Murta, EMUR La Murta, ETOB Tobarra, ETOB Tobarra, EGRO EI Granado, EGRO EI Granado, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAR Barrancos, PVAR Barrancos, PBAR Barranco-do-Ve, PBAR Barranco-do-Ve, PMSJ Mesjejana, PMSJ Mesjejana.

IDC 03 15:47:52.2.0.9. 42.61N.0.03:11.48W.0.03, h9km, n39, 1524/40, Eastern Idaho

NEIC 03 15:47:52.4.0.7. 42.59N.0.02:11.48W.0.03, h9km, 10km, ML3.1/40, MWR3.3/32, ML3.2/16(UUSS), Error ellipse: s-maj=3.9km s-min=2.7km az=135.0, Moment Tensor Solution, Moment tensor: Scale 10^14 Nm; Mr=0.6; Fault Mw=0.24; M0=0.93; Mn=0.39; M0.65; Mw0.171, 18000 0.65, 21000; lambda=132.5, 1000; NP2=57, 42000; 0.47, 50000; 1, 33, 13000; Principal axes: T 2903, P111, 0000; Azm290, 0000; N -0.0634, Plg38, 0000; Azm191, 0000; P -1.2270, Plg50, 0000; Azm34, 0000; NEIC 03 15:47:52.5.0.9. 42.57N.111.52W, h7km, UOSS 03 15:47:53.1.0.9. 42.58N.0.02:11.51W.0.03, h7km, 5km, Error ellipse: s-maj=4.4km s-min=1.9km az=134.0

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Boulder Array, Pinedale Array, Spout Spromonto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like South Pole Qui, Nonsavu, Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 03, UAUSS 03, NEIC 03, etc.

IDC 03 15:49:52.1, 1.4, 4.58S, 126.26E, h379km, 15km, mb3.2/3, mbmp4.2/7, Error ellipse: s-maj=23.7km s-min=14.5km az=86.0

NEIC 03 15:49:52.5, 0.6, 4.54S, 0.09:126.3E:0.1, h386km, 12km, mb4.1/12, Error ellipse: s-maj=16.4km s-min=13.3km az=95.0

DJA 03 15:49:53.3, 0.3, 5.3S, 12.126E, h370km, 7km, M4.1/16, mb4.5/3, mb3.9/15, MLV4.2/16, Mw(MB)3.7/3

ISC 03 15:49:52.5, 0.6, 4.54S, 0.06:126.35E:0.07, h400km, n44, r156/43, mb3.7/3, Banda Sea

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 03, UAUSS 03, NEIC 03, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like Q24A, S22A, NVAR, TPNV, NEW, etc.

359.97000; 858.19000; A-96.39000; NP2: 191.96000; 832.38000; A-79.83000; Principal axes: T 1.5676, P1g13.0000, Azm95.0000; N -0.2027, P1g5.0000, Azm3.0000; P -1.5470, P1g76.0000, Azm251.0000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BOZ, P18A, P18A, P18A, etc.

IDC 03 16:09:18.759.0.21.44S; 178.12W, h0km, mb4.2/3, mbmp4.2/3, Error ellipse: s-maj=1084.0km s-min=153.6km az=84.0

NEIC 03 16:10:16.11.5.23S; 0.2.179.4W; 0.2, h480km, mb4.2/3, Error ellipse: s-maj=29.2km s-min=27.2km az=148.0

ISC 03 16:10:19.8.4.2.23S; 0.4x179.7W; 0.4, h500km, n17, s1500/17, mb4.1/10, South of Fiji Islands

ISC 03 16:49:18.11.0.4.42.60N; 0.02x111.42W; 0.02, h10km, n271, s1545/244, mb4.2/25, MS3/6/50, Eastern Idaho

ISC 03 16:49:18.11.0.4.42.60N; 0.02x111.42W; 0.02, h10km, n271, s1545/244, mb4.2/25, MS3/6/50, Eastern Idaho

ISC 03 16:49:18.11.0.4.42.60N; 0.02x111.42W; 0.02, h10km, n271, s1545/244, mb4.2/25, MS3/6/50, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BKZ, MRZ, WHZ, WHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BEI, L17A, BMUT, MLI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like K22A, K22A, K22A, etc.

IDC 03 16:10:52.9.8.7.38; 81N; 141.07E, h65km, 67km, mb3.0/2, mbmp3.2/3, ML2.3/1, Error ellipse: s-maj=107.0km s-min=62.9km az=134.0

JMA 03 16:10:57.9.0.2.37; 3N; 0.3; 141.4E; 0.9, h24km; 1km, MV3.1/40, E OFF FUKUSHIMA PREF

ISC 03 16:10:56.3.1.9, 37.29N; 0.05; 141.43E; 0.08, h13km; 11km, n22, s126/26, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like JFK, ONAJ, ONAJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like H17A, H17A, H17A, etc.

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

IDC 03 16:49:16.9.0.4.42; 56N; 111.35W, h0km, mb4.1/17, mbmp4.0/26, ML3.3/8, MS3.6/55, Error ellipse: s-maj=7.9km s-min=5.0km az=156.0

NEIC 03 16:49:17.4.1.0, 42.61N; 0.01; 111.43W; 0.03, h10km, 1km, mb4.4/39, ML4.3/84, Mw4.5/98, Mw4.7/29, ML4.3/16(UUSS), Error ellipse: s-maj=3.8km s-min=2.9km az=96.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1=8.36; M2=0.33; M3=8.03; M4=0.48; M5=0.38; M6=0.08; Fault plane solution: M3.23000x10^15 NPI; 6.5.90000; 3.45.49000; A-85.59000; NP2: 179.68000; 344.71000; A-94.47000; Principal axes: T 8.05000, P1g0.0000; Azm93.0000; N 0.3387, P1g3.0000; Azm183.0000; P -8.3893, P1g87.0000; Azm356.0000;

NEIC 03 16:49:17.7.42; 65N; 111.45W, h5km

NEIC 03 16:49:17.7.42; 62N; 111.45W, h16km

NEIC 03 16:49:17.7.42; 62N; 111.18W, h16km, Moment Tensor Solution. Duration: 152 Moment tensor: Scale 10^16Nm; M1=1.38; M2=0.02; M3=1.40; M4=0.15; M5=0.69; M6=0.69; Fault plane solution: M1.56000x10^16 NPI;

DUG Dugway, Tooele 2.62 204 P Pn 16 50 09.0 +0.2

DUG Dugway, Tooele 2.62 204 S Sg 16 50 42.9 +0.5

DUG Dugway, Tooele 2.62 204 P Pn 16 50 02.2 +0.5

DUG Dugway, Tooele 2.62 204 S Sg 16 50 42.9 +0.5

DUG Dugway, Tooele 2.62 204 P Pn 16 50 02.2 +0.5

YBH Yreka Blue Hor 8.43 268 P Pn 16 51 24.6 +4.2

YBH Yreka Blue Hor 8.43 268 P Pn 16 51 24.6 +4.2

YBH Yreka Blue Hor 8.43 268 P Pn 16 51 24.6 +4.2

YBH Yreka Blue Hor 8.43 268 P Pn 16 51 24.6 +4.2

YBH Yreka Blue Hor 8.43 268 P Pn 16 51 24.6 +4.2

Table with columns: Code, Station Name, Az, El, P, I, Mb, Res, Time, Res, ISC. Rows include stations like Maddock, Edmorton, EROS Data Cent, etc.

Table with columns: VLDQ, Top of d'r, Az, El, P, I, Mb, Res, Time, Res, ISC. Rows include stations like Greenwood, Jenkinsville, Somme Creek, etc.

Table with columns: Code, Station Name, Az, El, P, I, Mb, Res, Time, Res, ISC. Rows include stations like Keravat, Warramunga Arr, ASAR Alice Springs, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time Res, Residual. Includes stations like White River Ci, Casper, Elliston, Black Pine Rid, Pearl Lake, etc.

NOU 03 17:26:58.4, 41.99S: 174.66E, h77km, MLv3.7/8, Cook Strait, New Zealand

WEL 03 17:27:01.9, 0.6, 42.2, S, 3.3, 17.4E, h8km, dkm, M2.7/11, ML3.0/11, MLv2.7/11, Error ellipse: s-maj=0.0km, s-min=0.0km az=110.0, confirmed

ISC 03 17:27:01.0-0.9, 41.88S: 0.03: 174.11E: 0.03, h10km, n38, r152/40, Cook Strait

Main station list for 203 with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time Res, Residual. Includes Cape Campbell, Tuamarina, Tory Channel, Kahutara, etc.

LDG 03 17:36:31.4, 36.35N: 7.62W, h30km CNRM 03 17:36:32.2, 36.41N: 7.82W, h30km, m12.8 SFS 03 17:36:32.8, 36.43N: 7.78W, h25km, ML3.3/19, ML3.2/16, MLv3.1/19

MDD 03 17:36:32.8, 0.5, 36.44N: 7.77W, h24km, 4km, mb, Lg3.1/37, Error ellipse: s-maj=3.2km s-min=2.0km az=42.0

IGIL 03 17:36:33.3, 36.45N: 7.73W, h25km, ML2.7, INMG 03 17:36:34.1, 1.6, 36.44N: 7.78W, h32km, 4km, ML2.8, Error ellipse: s-maj=2.9km s-min=2.5km az=60.0

ISC 03 17:36:30.6, 0.5, 36.49N: 0.03: 7.71W: 0.03, h10km, n128, r189/202, 8C-2D, Strait of Gibraltar

Main station list for 203 (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time Res, Residual. Includes Barranco-do-Ve, Vaqueiros, etc.

2017 SEP

Main station list for 2017 SEP with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time Res, Residual. Includes Barrancos, Badajoz, Mijas, etc.

3d 17h

Main station list for 3d 17h with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time Res, Residual. Includes La Murta, Tobarra, Braganca, etc.



Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like 214A Organ Pipe Nat, AMTX Amarillo, ECSD EROS Data Cent, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like WCI Wyandotte Cave, DLBC Dease Lake, DLBC Dease Lake, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like R55A Marlinton, V55A Taylorsville, VLDQ Val d'Or, etc.

Table with columns: NR/K, Station Name, Az, El, P, Res, and various data points for stations like Noril'sk, Samuel, Hagfors, etc.

Table with columns: T/NTI, Station Name, Az, El, P, Res, and various data points for stations like Ternate, Soei, Soei, etc.

Table with columns: Code, Station Name, Az, El, P, Res, and various data points for stations like Kanaga Island, Kiwab, Adk, etc.

DJA 03 17:48:53.6±0.2, 6°S, 3°13'0E±1, h198km, 4km, M4.6/19, mB4.8/7, mB4.4/19, MLV5.1/13, Mw(MB)4.1/7

ISC 03 17:48:53.7±1.7, 5.60S, 130.20E, h193km±16km, mb3.8/8, mbmp4.5/10, Error ellipse: s-maj=28.4km s-min=13.1km az=83.0

NEIC 03 17:48:54.8±2.7, 5°63'S, 0.06±130.3E±0.1, h212km±5km, mB4.4/24, Error ellipse: s-maj=20.3km s-min=9.1km az=92.0

ISC 03 17:48:53.2±0.5, 5.67S, 0.05±230.23E±0.06, h200km, n91, c1559/96, mb4.3/17, Banda Sea

NEIC 03 17:53:31.2±2.6, 50°92'N, 0°02'179°63'E±0.07, h10km, 1km, mB4.0/12, ML3.6/6, ML3.2(AEIC), Error ellipse: s-maj=8.1km s-min=3.1km az=67.0

AEIC 03 17:53:35.3±2.0, 51.15N, 0.05±179.71E±0.05, h18km±5km, Error ellipse: s-maj=8.6km s-min=3.3km az=200.0, Rat

IDC 03 18:36:46.8±1.2, 42°65'N, 111°43'W, h0km, mbmp2.9/3, ML2.8/3, Error ellipse: s-maj=26.5km s-min=6.3km az=162.0

NEIC 03 18:36:46.8±0.8, 42°62'N, 111°46'W, h4km, NEIC 03 18:36:46.8±0.8, 42°62'N, 111°46'W, 0.03, h3km±2km, ML3.3/64, Mw3.6/29, ML3.4/14(USS), Error ellipse: s-maj=3.5km s-min=1.8km az=124.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, Mw=2.45, Mw=0.48, Mw=2.93, Mw=0.35, Mw=0.91, Mw=1.95, Fault plane solution: M3.48000°/1014° NP1±17.82000°/827.52000°/λ-84.21000°. NP2±191.30000°/862.63000°/λ-93.01000°. Principal axes: T 3.7794, Plg18.0000°, Azm284.0000°, λ-0.6965, Plg3.0000°, Azm193.0000°; P -3.0829, Plg2.0000°, Azm4.0000°

USS 03 18:36:47.1±0.8, 42°62'N, 111°46'W, 0.03, h1km±1km, Error ellipse: s-maj=3.4km s-min=1.7km az=113.0

ISC 03 18:36:48.0±0.9, 42°62'N, 111°44'W, 0.03, h9km, n57, c1523/59, Eastern Idaho

Table with columns: Code, Station Name, Az, El, P, Res, and various data points for stations like Auburn Hatcher, North Pocatell, etc.







MCU	348nm,0.4s	1.21 181	Pg	21 10 40.0	+0.1
LTU	Monte Cristo P	1.22 208	Pb	21 10 39.5	-0.5
IMW	Indian Meadow	1.29 18	Pn	21 10 41.0	-0.1
HVU	Hanse Valley	1.31 227	Pn	21 10 41.0	+0.2
BW06	Boulder Array	1.43 85	Pn	21 10 43.7	+0.8
PD31	Pinedale Array	1.43 85	Pn	21 10 43.1	+0.2
PDAR	Pinedale Array	1.43 85	Pn	21 10 43.2	+0.3
PDAR	Pinedale Array	1.43 85	Pg	21 10 44.1	+1.2
	24nm,0.3s,baz=246,slow=13,SNR=71				
PDAR	20nm,0.3s,baz=265,slow=18,SNR=3.3		Lg	21 11 01.7	
SPUT	South Promonto	1.54 208	Pn	21 10 46.7	+0.2
SPUT	comp=E,667nm,0.9s		IAML	21 11 06.4	
SPUT	comp=N,618nm,0.3s		IAML	21 11 07.7	
TCUT	Toone Canyon	1.55 178	Pn	21 10 46.1	+1.4
YPP	Pitchstone Pla	1.68 17	Pn	21 10 47.5	+1.0
YPP	comp=E,252nm,0.6s		IAML	21 11 13.6	
YPP	comp=N,237nm,0.6s		IAML	21 11 18.6	
YFT	Old Faithful	1.84 15	Pn	21 10 50.0	+1.3
YFT	comp=N,180nm,0.9s		IAML	21 10 59.4	
YFT	comp=E,155nm,0.6s		IAML	21 10 59.8	
CTU	Camp Tracy	1.99 186	Pn	21 10 51.8	+1.2
CTU	comp=N,273nm,0.4s		IAML	21 11 24.8	
CTU	comp=E,292nm,0.3s		IAML	21 11 24.9	
LKWY	Lake	2.05 22	Pn	21 10 52.2	+0.6
LKWY	comp=E,153nm,0.6s		IAML	21 11 04.2	
BGU	Big Grassy Mou	2.09 214	Pn	21 10 52.4	+0.4
BGU	comp=E,188nm,0.4s		IAML	21 11 26.3	
BGU	comp=N,122nm,0.5s		IAML	21 11 26.8	
YNR	Norris Junctio	2.13 16	Pn	21 10 53.3	+0.7
BCYI	Bear Canyon	2.15 320	Pn	21 10 53.0	+0.7
VHH	Holmes Hill	2.17 12	Pn	21 10 53.0	+0.5
YHL	Hebgen Lake	2.19 6	Pn	21 10 54.5	+0.9
YHL	comp=E,150nm,0.6s		IAML	21 11 30.6	
YHL	comp=N,111nm,0.7s		IAML	21 11 30.6	
BSUT	Blindstream Ca	2.20 165	Pn	21 10 54.0	+0.3
YMP	Mirror Lake Pl	2.28 25	Pn	21 10 55.4	+0.6
HLID	Hailey	2.32 294	Pn	21 10 56.5	+1.3
HLID	comp=N,105nm,0.8s		IAML	21 11 32.5	
HLID	comp=N,100nm,0.7s		IAML	21 11 33.0	
RDMU	Red Mountain	2.54 145	Pn	21 10 59.4	+1.1
RDMU	comp=E,191nm,0.7s		IAML	21 11 35.8	
RDMU	comp=N,182nm,0.5s		IAML	21 11 38.8	
YNE	Yellowstone No	2.57 24	Pn	21 10 59.4	+0.7
MPU	Maple Canyon	2.66 182	Pn	21 11 00.5	+0.7
MPU	comp=N,63nm,0.5s		IAML	21 11 44.8	
DUG	Dugway, Tooele	2.67 202	Pn	21 11 01.0	+1.1
DUG	comp=N,98nm,0.8s		IAML	21 11 44.1	
DUG	comp=N,98nm,0.8s		IAML	21 11 50.5	
NLU	North Lily Min	2.75 189	Pn	21 11 02.1	+1.0
DLMT	Dillon	2.81 344	Pn	21 11 02.7	+0.8
DLMT	comp=N,55nm,1.2s		IAML	21 11 49.8	
DLMT	comp=N,61nm,1.6s		IAML	21 11 57.8	
BOZ	Bozeman (W)	2.93 358	Pn	21 11 03.7	+0.2
RLMT	Red Lodge	2.93 32	Pn	21 11 03.3	+0.2
P18A	Preston Nutter	3.18 162	Pn	21 11 07.3	+0.2
P18A	comp=E,149nm,0.6s		IAML	21 11 56.1	
MFID	Camas Ranch	3.27 285	Pn	21 11 09.7	+1.6
MFID	comp=E,77nm,0.5s		IAML	21 11 07.2	
MFID	comp=E,120nm,0.4s		IAML	21 12 07.7	
RWWY	Rawlins	3.33 106	Pn	21 11 10.3	+1.3
TMUT	Trail Mountain	3.38 176	Pn	21 11 09.7	-0.1
TMUT	comp=N,98nm,0.8s		IAML	21 12 09.8	
ELK	Elko	3.41 237	Pn	21 11 10.6	+0.4
ELK	comp=N,52nm,0.3s		IAML	21 12 05.2	
ELK	comp=N,52nm,0.3s		IAML	21 12 07.9	
O20A	White River Ci	3.52 135	Pn	21 11 11.8	+0.1
SRU	San Rafael Swe	3.63 168	Pn	21 11 14.6	+1.4
K22A	Casper	3.65 89	Pn	21 10 14.1	+0.5
K22A	comp=E,105nm,0.3s		IAML	21 12 17.3	
ELMT	Elliston	3.92 350	Pn	21 11 18.1	+1.0
SPMT	Black Pine Rid	4.02 340	Pn	21 11 19.3	+0.7
PLID	Pearl Lake	4.06 308	Pn	21 11 19.2	+0.1
PLID	comp=E,24nm,1.1s		IAML	21 12 35.0	
BEMT	Mount Belmont	4.12 352	Pn	21 11 20.3	+0.3
TCRU	Three Creeks R	4.12 191	Pn	21 11 20.7	+0.7
MVU	Marys Valley	4.25 211	Pn	21 11 21.0	+0.4
SPR3	Spring Creek 3	4.25 211	Pn	21 11 23.4	+1.4
LYMT	Lyon Mountain	4.34 353	Pn	21 11 24.3	+1.4
CHMT	Chamberlain Mo	4.42 344	Pn	21 11 24.1	-0.1
N23A	Red Feather La	4.51 111	Pn	21 11 25.2	-0.1
PSUT	Pine Spring	4.51 204	Pn	21 11 25.4	+0.2
M30A	Missoula	4.51 338	Pn	21 11 26.4	+1.2
M30A	comp=E,30nm,0.8s		IAML	21 12 44.5	
M30A	comp=E,14nm,1.6s		IAML	21 12 47.2	
OVMT	Ovando	4.52 347	Pn	21 11 26.5	+1.1
MTPU	Mount Pierson	4.65 187	Pn	21 11 27.4	0.0
PHWY	Pilot Hill	4.70 105	Pn	21 11 27.5	-0.5
PHWY	comp=E,28nm,0.6s		IAML	21 12 49.1	
BMO	Blue Mountains	4.75 299	Pn	21 11 29.4	+0.9
BMO	comp=E,13nm,1.2s		IAML	21 12 58.2	
HMU	Henry Mountain	4.76 173	Pn	21 11 28.8	0.0
EMN	Battle Mountai	4.85 244	Pn	21 11 31.0	+1.0
SMCO	Snowmass	4.88 134	Pn	21 11 31.9	+1.2
J08A	Circle Bar Ran	5.17 280	Pn	21 11 35.4	+1.2
PKCU	Pink Cliffs	5.26 187	Pn	21 11 36.5	+0.8
ISCO	Idaho Springs	5.28 121	Pn	21 11 36.1	+0.2
ISCO	comp=E,14nm,0.6s		IAML	21 13 05.0	
ISCO	comp=E,10.0nm,0.8s		IAML	21 13 07.1	
WVOR	Wild Horse Val	5.29 270	Pn	21 11 34.6	-1.3
WVOR	comp=E,16nm,1.2s		IAML	21 13 10.2	
WVOR	comp=E,21nm,0.8s		IAML	21 13 13.8	
RSSD	Black Hills	5.62 73	Pn	21 11 40.8	+0.2
BRIGGS	Briggssdale	5.76 109	Pn	21 11 41.9	+0.7
LCMT	Little Creek M	5.81 194	Pn	21 11 42.2	-1.0
MVCO	Mesa Verde	5.92 156	Pn	21 11 44.2	-0.5
PRN	Pahroc Range	5.92 209	Pn	21 11 43.8	-0.9
G08A	Pilot Rock	5.99 298	Pn	21 11 44.8	-0.8
I07A	Izze	6.01 296	Pn	21 11 45.2	-0.7
O24A	Divide	6.07 125	Pn	21 11 45.1	-1.7
S22A	4UR Ranch, Cre	6.07 143	Pn	21 11 46.5	-0.3
U15A	North Rim	6.26 186	Pn	21 11 49.3	-0.2
NV11	Mina Array Sit	6.61 232	Pn	21 11 53.5	-0.6
NVAR	Mina Array Bea	6.70 233	Pn	21 11 54.7	-0.7
NVAR	Mina Array Bea	6.70 233	Pn	21 11 58.6	+3.2
NVAR	comp=E,0.2nm,0.3s,baz=49,slow=14,SNR=12		Lg	21 13 48.0	
NVAR	comp=E,1.6nm,0.3s,baz=51,slow=27,SNR=5.8		Lg	21 13 48.0	
K05A	Summer Lake	6.93 274	Pn	21 11 58.1	-0.5
ULM	Lac du Bonnet	13.15 49	Lg	21 17 04.7	
TXAR	Lajitas Array	14.73 152	Pn	21 13 44.6	-0.6
TXAR	baz=340,slow=16,SNR=1.4				
TXAR	comp=E,0.9nm,1.2s				

SOME 03 21:10:55.4,41:57N,74:67E,h10km  
 NNC 03 21:10:56.4,1.0,41:61N-74:58E,h0km,mb2.0,mpv2.5,  
 4C-2D,Error ellipse: s-maj=6.9km s-min=2.5km  
 az=172.0,Kyrgyzstan

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
			Op	h m s	ISC
AML	Almayashu	0.84 309	↑P	21 11 12.5	0.0
AML	0.1nm,0.2s		↑S	21 11 24.7	+1.3
CHMS	Chumyshy	1.40 5	↑P	21 11 22.7	-0.5
CHMS	1.0nm,0.6s		↑S	21 11 41.4	+0.1
MRKS	Merke	1.52 319	P	21 11 25.2	-0.2
MRKS	0.7nm,0.3s		S	21 11 45.2	+0.9
MRKS	2.1nm,0.1s		S	21 11 46.2	+0.9
MRKS	4.1nm,0.3s		S	21 11 25.2	-0.2
MRKS	Merke	1.52 319	eP	21 11 25.2	-0.2
MRKS	2.1nm,0.1s		eS	21 11 46.2	+0.9
TKM2	Tokmak 2	1.52 30	↑P	21 11 24.0	-1.0
TKM2	1.2nm,0.7s		↑S	21 11 45.2	+0.1
KST	0.8nm,0.4s	1.77 35	P	21 11 29.2	-0.5
KST	Kastek	1.77 35	P	21 11 52.6	+0.2
KST	3.2nm,0.4s	1.77 35	eP	21 11 52.6	+0.2
KST	Kastek	1.77 35	eS	21 11 52.6	+0.2
KST	0.8nm,0.1s		eS	21 11 52.6	+0.2
KRBS	3.2nm,0.4s	2.24 21	Pg	21 11 37.4	-0.3
KRBS	Karabastau	2.24 21	Pg	21 12 06.8	
KRBS	0.3nm,0.2s		Lg	21 12 06.8	
KRBS	1.9nm,0.4s	2.24 21	ePg	21 11 37.4	-0.3
KRBS	Karabastau	2.24 21	ePg	21 12 06.8	
KRBS	0.5nm,0.2s		eLg	21 12 06.8	
KTBS	1.9nm,0.4s	2.62 36	Pg	21 11 43.6	-0.5
KTBS	Karabote	2.62 36	Pg	21 11 43.6	-0.5
KTBS	0.2nm,0.1s	2.62 36	ePg	21 11 43.6	-0.5
KTBS	0.2nm,0.1s		ePg	21 11 43.6	-0.5

TAP 03 21:11:03.9,24:93N,122:19E,h129km,ML3.2,C  
 JMA 03 21:11:03.8,0.2,25°N,122:2E,0.5,h126km,2km,  
 MV2.5/13,TAIWAN REGION  
 ISC 03 21:11:03.5,1.4,24.93N,102:05,122:21E,0.0,3,h129km,7km,  
 n29,0.057/138,Taiwan region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
			Op	h m s	ISC
TWB1	Santiao Chiao	0.22 292	eP	21 11 21.5	+0.3
TWB1	baz=295		eS	21 11 34.2	-0.4
EGS	baz=249	0.27 253	eP	21 11 21.9	+0.6
SXII	Grass Mountain	0.35 299	P	21 11 22.1	+0.3
SXII	baz=300		S	21 11 35.5	-0.1
NWF	Wu-fen Shan	0.42 290	P	21 11 22.4	+0.3
NWF	baz=291		S	21 11 35.8	-0.3
TWC	Suao	0.46 227	eP	21 11 22.2	0.0
TWC	baz=223		eS	21 11 35.2	-1.1
EOS2	EOS2	0.51 178	iP	21 11 23.0	+0.7
EOS2	baz=175		eS	21 11 37.3	+0.8
NDS	Dongshan	0.54 237	eP	21 11 23.1	+0.5
NDS	baz=235		S	21 11 37.1	0.0
FUSB	Fushanzhiwuyua	0.59 254	eP	21 11 23.1	0.0
FUSB	baz=253		eP	21 11 23.5	+0.0
EWUT	Wuta	0.62 220	eP	21 11 23.5	+0.0
EWUT	baz=217		eS	21 11 37.7	-0.4
YMU1	YMU1	0.62 291	P	21 11 23.5	+0.2
YMU1	baz=291		P	21 11 23.5	+0.2
NHHD	Xindian Distri	0.63 273	eP	21 11 23.4	+0.2
NHHD	baz=273		eP	21 11 23.4	+0.2
EOS3	EOS3	0.64 172	iP	21 11 24.0	+0.8
EOS3	baz=169		eS	21 11 38.8	+0.8
ENA	Nanau	0.66 221	eP	21 11 23.9	+0.4
ENA	baz=218		S	21 11 38.5	0.0
TWY	Chenhua	0.66 302	eP	21 11 23.9	+0.5
NWLT	Wulai	0.66 257	eP	21 11 23.6	+0.1
NWLT	baz=256		S	21 11 38.4	-0.2
ANP	Anpu	0.68 293	eP	21 11 23.5	-0.1
ANP	baz=293		eP	21 11 23.5	-0.1
NTST	Danshui	0.73 289	eP	21 11 24.5	+0.5
NTST	baz=289		eP	21 11 24.5	+0.5
LATG	Datong	0.74 238	eP	21 11 24.9	+0.7
LATG	baz=237		eS	21 11 40.1	+0.3
WTS1	Kuangyinshan	0.74 284	eP	21 11 24.8	+0.7
WTS1	baz=284		P	21 11 24.8	+0.2
YHNB	Yeheng	0.80 252	P	21 11 40.1	-0.5
YHNB	baz=250		eS	21 11 40.1	-0.5
E05A	E05A	0.81 173	eP	21 11 24.3	+0.1
E05A	baz=171		P	21 11 24.6	-0.1
JYNG	Yongunijimaku	0.82 125	P	21 11 39.8	-0.8
JYNG	baz=125		eS	21 11 24.9	+0.2
NSK	Sanguang	0.82 252	P	21 11 40.3	-0.6
NSK	baz=251		S	21 11 40.3	-0.6
YOJ	Yonaguni jima	0.86 122	P	21 11 25.1	+0.1
YOJ	baz=121		eS	21 11 41.6	+0.3
YON	Yonaguni jima	0.86			







Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include NEW, YERR, WUAZ, J05D, DSP, YBH, ANMO, ANMO, ULM, ULM, TXAR.

SJA 04:00:10:46.4, 1.9, 21.04S:68.67W, h100km, ML4.0, MW3.9
VAO 04:00:10:46.4, 0.3, 20.96S:68.73W, h12km, mb4.2
IDC 04:00:10:47.2, 1.2, 21.07S:68.48W, h109km, mb3.6/4,
mbmp4.08, MS3.3/4, Error ellipse: s-maj=25.3km
s-min=12.6km, az=112.0

GUC 04:00:10:47.0, 0.8, 21.08S:68.73W, h110km, qkm, ML4.0
NEIC 04:00:10:47.0, 1.0, 21.08S:03:68.79W, 0.05, h114km, 6km,
mb4.1/10, ML4.0(GUC), Error ellipse: s-maj=7.7km
s-min=4.1km, az=65.0

ISC 04:00:10:46.5, 0.6, 21.06S:03:68.75W, 0.05, h112km, 6km,
n140, 1129/157, mb4.2/10, 9C-6D, Chile-Bolivia border
region

Main table on the left side, containing station data for various locations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Main table in the middle, containing station data for various locations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Main table on the right side, containing station data for various locations like GUMO, GUMO, GUMO, etc.

IDC 04:00:14:09.0, 0.7, 13.23N:144.78E, h86km, 5km, mb3.8/11,
mbmp4.1/11, MS3.3/2, Error ellipse: s-maj=28.5km
s-min=15.5km, az=101.0
NEIC 04:00:14:11.2, 0.9, 13.2N:0.1:144.8E:0.2, h91km, 6km,
mb4.5/64, Error ellipse: s-maj=25.4km s-min=14.7km
az=101.0
ISC 04:00:14:11.0, 0.6, 13.21N:0.09:144.8E:0.1, h100km, n92,
0.098/86, mb4.4/43, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FYU Fort Yukon, L26K Log Cabin Wild, M26K Nabesna, J26L Joseph Creek, etc.

IDC 04 00:36:32.0-0.8, 42.62N:111.45W, h0km, mbtpm3.1/6, ML2.5/6, Error ellipse: s-maj=12.3km s-min=5.6km az=163.0

NEIC 04 00:36:33.8, 1.3, 42.59N:0.02:111.45W:0.03, h5km, 6km, ML3.2/90, ML3.3/15(UUSS), Mwr3.4/13(SLM), Error ellipse: s-maj=3.5km s-min=2.3km az=113.0

UUSS 04 00:36:34.3, 1.4, 42.61N:111.47W:0.05, h4km, 5km, Error ellipse: s-maj=6.9km s-min=2.2km az=132.0

NEIC 04 00:36:35.4, 2.5, 42.58N:111.43W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mrr=0.96; Mss=0.29; Mss=1.25; Mss=0.60; Mss=0.35; Mss=0.05; Fault plane solution: Mo=1.33000\*10^14 NP1=0.16400000, 351.00000, -133.00000. NP2=0.400000, 355.00000, -50.00000. Principal axes: T 1.3308, Plg2.0000, Azm103.0000; N 0.0010, Plg3.0000, Azm194.0000; P -1.3318, Plg58.0000, Azm9.0000

ISC 04 00:36:34.2-0.8, 42.62N:111.49W:0.03, h9km, n80, r1538/82, Eastern Idaho

Main table of station data for the 4d 1h period, including stations like AHID Auburn Hatcher, BEI Bear River Ran, BMUT Black Mountain, etc.

Table of station data for the 2017 SEP period, including stations like MFID Rawlins, RWYU Trail Mountain, TMUT Trail Mountain, etc.

IDC 04 00:45:23.6, 1.6, 6.36S:147.14E, h0km, mb3.6/2, mbtpm3.6/4, ML2.21, MS3.0/1, Error ellipse: s-maj=50.4km s-min=24.7km az=106.0, Eastern New Guinea region

Table of station data for the IDC 04 00:45:23.6 period, including stations like Code Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

OSPL 04 00:49:10.1, 2.2, 19.18N:71.56W, h65km, 15km, ML2.2, SDD 04 00:49:11.1, 2.4, 19.08N:71.52W, h66km, 14km, MD3.2, ML2.5

ISC 04 00:49:10.0, 1.6, 19.15N:0.04:71.48W:0.05, h65km, 10km, n14, r124/22, 9C-4D, Dominican Republic region

Main table of station data for the 2017 SEP period, including stations like Code Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table of station data for the 2017 SEP period, including stations like PODR, BANI, MIDR, MAS, MAS.

SOME 04 00:50:50.9, 42.97N:72.82E, h15km, KRNET 04 00:50:50.6, 0.1, 42.92N:72.77E, h24km, mb2.3, NINC 04 00:50:50.5, 0.7, 42.94N:72.77E, h1km, 5km, mb2.6, mpv2.7, Error ellipse: s-maj=6.0km s-min=4.0km az=11.0, ISC 04 00:50:48.7, 1.2, 42.96N:0.04:72.77E:0.02, h4km, 11km, n29, r063/48, 13C-19D, Kyrgyzstan

Main table of station data for the 2017 SEP period, including stations like Code Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

DDA 04 01:01:25.0, 0.0, 34.89N:36.51E, h7km, 2km, ML2.4, GII 04 01:01:26.0, 0.0, 34.91N:36.48E, h3km, Mm2.3/5, GRAL 04 01:01:27.1, 0.3, 34.85N:36.45E, h0km, 2km, MD3.0, ISC 04 01:01:22.9, 1.0, 34.84N:0.03:36.55E:0.05, h16km, 9km, n42, r128/65, Jordan-Syria region

Table of station data for the DDA 04 01:01:25.0 period, including stations like Code Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.



Table with columns: BEIL, Beino, 0.49 233, eP, Pb, 01 01 33.8 +0.8, etc. Includes stations like BHWA, ZAHLE, BHL, BHANNES, etc.

Table with columns: BUHA, Balikesir, Bur, 0.79 94, P, S, Pg, 01 24 11.5 +0.2, etc. Includes stations like EFAA, DKL, GELI, etc.

Table with columns: SMG, Samos, 0.99 321, P, S, Pn, 01 29 31.4 -0.1, etc. Includes stations like DENIZLI, TAVAS, etc.

ISK 04 01:23:55.3, 39°57'N-26°04'E, h8km, ML2.6/22
DDA 04 01:23:55.0, 0.39°57'N-26°06'E, h8km, 1km, ML2.4

DDA 04 01:29:12.7, 0.36°94'N-27°60'E, h7km, 2km, ML2.3
THE 04 01:29:12.9, 36°93'N-27°62'E, h5km, 2km, ML2.5/4, Error

NEIC 04 01:48:23.5, 0.5, 5.48S:0.06:147°11E:0.07, h195km, n47,
e1936°50, mb4.3/15, Eastern New Guinea region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like KOCA, GPNR, BOZC, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like BDRM, DAT, TURN, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like YULB, TPUB, BKZ, etc.

NEIC 04 02:11:25.1, 0.9, 61°09'N:0.03:151°40'W:0.06, h69km, 5km,
Error ellipse: s-maj=4.9km s-min=3.9km az=151.0

NEIC 04 02:11:24.7, 1.1, 61°07'N:0.03:151°40'W:0.03, h72km, 7km,
n294, 0.065/311, Southern Alaska

SPCR	Spurr Chakacha	0.41 288	Pn	02 11 36.9	-0.2	WATI	Susitna Watana	2.22 36	P	Pn	02 11 60.0	+0.6	baz=213	L16K	Owhat River	3.94 283	P	Pn	02 12 22.8	+0.2
SPCR	Spurr Chakacha	0.41 288	Sn	02 11 46.1	-0.1	N18K	Kilae Creek	2.23 262	Pn	Pn	02 11 59.1	-0.4	baz=96	L16K	Whar River	3.94 283	P	Pn	02 12 22.8	+0.2
SPCR	Spurr Chakacha	0.41 288	P	02 11 46.1	-0.1	N18K	comp=N,278nm,0.6s		IAML		02 12 26.7			CCB	Clear Creek Bu	3.95 23	Pn	Pn	02 12 22.7	0.0
SPCR	Spurr Chakacha	0.41 288	S	02 11 46.1	-0.1	N18K	comp=N,265nm,0.6s		IAML		02 11 59.4	-0.2		OHAK	Old Harbor	3.98 195	Pn	IAML	02 12 22.4	-0.9
SPCR	Crater Peak Br	0.41 298	Pn	02 11 37.1	-0.1	N18K	Kilae Creek	2.23 262	P	Pn	02 11 59.4	-0.2	comp=E,109nm,3.5s	OHAK	Old Harbor	3.98 195	P	Pn	02 12 22.3	-0.9
SPCR	Strandline Lak	0.48 334	Pn	02 11 46.4	+0.1	O18K	Koktuk Hills	2.25 239	Pn	Pn	02 11 59.6	-0.2	baz=13	MLY	Manley	3.98 4	Pn	Pn	02 12 22.9	-0.4
STLK	Strandline Lak	0.48 334	Sn	02 11 46.8	-0.3	O18K	Koktuk Hills	2.25 239	Pn	Pn	02 11 59.6	-0.2	baz=184	MLY	Manley	3.98 4	P	Pn	02 12 23.7	+0.4
SUA	Susitna One	0.50 39	Pn	02 11 37.5	-0.4	P23K	Montague Islan	2.25 117	P	Pn	02 11 59.1	-0.7		I20K	Naaghedeneel	3.99 341	P	Pn	02 12 24.1	+0.7
SUA	comp=E,4µm,0.5s		IAML	02 11 47.2	-0.4	P23K	Montague Islan	2.25 117	P	Pn	02 11 59.1	-0.7		I20K	Naagedeneel	3.99 341	P	Pn	02 12 24.1	+0.7
SUA	comp=N,2µm,0.5s		IAML	02 11 49.8		WAT6	Susitna Watana	2.30 47	P	Pn	02 12 00.9	+0.3		CRQM	Cirque	4.05 91	Pn	IAML	02 12 22.6	-1.7
SUA	Susitna One	0.50 39	P	02 11 37.6	-0.3	WAT6	Castle Rocks	2.30 47	P	Pn	02 12 00.9	+0.3		CRQM	comp=E,92nm,0.7s		IAML	02 13 30.6		
SUA	comp=N,2µm,0.5s		S	02 11 47.6	-0.1	CAST	Castle Rocks	2.38 353	P	Pn	02 12 01.3	-0.1		CRQM	comp=N,96nm,1.0s		IAML	02 13 37.7		
SPBC	Spurr Blockage	0.51 292	Pn	02 11 37.9	0.0	CAST	Castle Rocks	2.38 353	P	Pn	02 12 01.6	+0.1		MCARA	McCarthy VSAT	4.06 82	Pn	Pn	02 12 23.5	-0.8
SPBG	Fire Island	0.58 82	Pn	02 11 47.9	+0.3	FID	Port Fidalgo	2.42 96	Pn	IAML	02 12 00.2	-1.9		MENTA	Mentasta	4.08 59	Pn	Pn	02 12 24.1	-0.5
FIS	Fire Island	0.58 82	IAML	02 11 38.7	+0.2	FID	Port Fidalgo	2.42 96	Pn	IAML	02 12 29.6			I21K	Tanaga	4.13 357	Pn	Pn	02 12 25.0	-0.2
FIS	North Nagishla	0.69 296	Pn	02 11 40.0	+0.1	Q19K	Cape Douglas,	2.43 209	Pn	Pn	02 12 02.9	+0.6		ICOL	UAF Yank	4.14 21	Pn	Pn	02 12 25.3	-0.1
DFR	Drift River	0.79 233	Pn	02 11 41.1	+0.1	Q19K	comp=N,425nm,1.1s		IAML		02 12 36.0			COLA	College	4.14 21	Pn	Pn	02 12 23.7	-1.8
DFR	Drift River	0.79 233	Sn	02 11 53.6	+0.6	TRF	Thorofare Isan	2.44 12	Pn	Pn	02 12 02.8	+0.3		MDM	Murphy Dome	4.16 19	Pn	Pn	02 12 25.8	+0.1
RC01	Rabbit Creek A	0.81 88	Pn	02 11 40.7	+0.3	TRF	comp=N,374nm,1.1s		IAML		02 12 35.7			I23K	Minto, Yukon-K	4.19 12	Pn	IAML	02 12 26.8	+0.6
RC01	Rabbit Creek A	0.81 88	IAML	02 11 55.1		TRF	comp=N,296nm,0.5s		IAML		02 12 37.3			I23K	Minto, Yukon-K	4.19 12	Pn	Pn	02 12 26.6	+0.5
RC01	Rabbit Creek A	0.81 88	P	02 11 40.7	-0.3	TRF	Thorofare Isan	2.44 12	P	Pn	02 12 02.8	+0.3		TGL	Tana Glacier	4.20 91	Pn	Pn	02 12 26.3	0.0
SLKM	Skilak Lake	0.81 134	Pn	02 11 40.8	-0.3	HIN	Hinchinbrook I	2.50 104	Pn	Pn	02 12 02.6	-0.6		TGL	comp=E,83nm,0.7s		IAML	02 13 34.2		
RDJH	Redoubt Jeurge	0.84 236	Pn	02 11 41.8	+0.2	KTH	comp=N,331nm,0.6s		IAML		02 12 32.9			M26K	Nabesna, AK	4.21 68	Pn	IAML	02 12 26.8	+0.3
RDJH	Redoubt Jeurge	0.84 236	Sn	02 11 55.1	+1.1	KTH	Kantishna Hill	2.50 5	Pn	Pn	02 12 36.2			M26K	comp=E,56nm,0.6s		IAML	02 13 36.1		
RSO	Redoubt South	0.90 228	Pn	02 11 42.4	+0.1	KTH	comp=N,304nm,0.9s		IAML		02 12 37.3			M26K	comp=N,66nm,0.6s		IAML	02 13 37.3		
RDSO	Redoubt South	0.91 227	Pn	02 11 42.7	+0.3	KTH	comp=N,252nm,0.7s		IAML		02 12 03.9	+0.5		M26K	Nabesna, AK	4.21 68	P	Pn	02 12 26.9	+0.5
NCT	North Crescent	0.91 236	Pn	02 11 42.7	+0.4	SYI	Shuyak Island	2.52 192	Pn	IAML	02 12 41.7			IL31	comp=N,295nm,0.6s		IAML	02 12 26.9	+0.5	
M22K	Willow	0.92 41	Pn	02 11 42.6	+0.8	SYI	comp=N,328nm,0.5s		IAML		02 12 42.9			IL31	comp=N,295nm,0.6s		IAML	02 12 26.9	+0.5	
M22K	Willow	0.92 41	P	02 11 42.7	+0.4	SYI	comp=N,328nm,0.5s		IAML		02 12 42.9			IL31	comp=N,295nm,0.6s		IAML	02 12 26.9	+0.5	
M22K	Willow	0.92 41	S	02 11 56.7	+1.4	Q20K	comp=E,315nm,0.4s		IAML		02 12 04.3	+0.9		IL31	comp=N,295nm,0.6s		IAML	02 12 26.9	+0.5	
RDWB	Redoubt West	0.92 231	Pn	02 11 42.8	+0.4	Q20K	Shuyak Island	2.52 192	P	Pn	02 12 04.3	+0.9		ILAR	Eielson Array	4.25 27	Pn	Pn	02 12 26.9	0.0
RDWB	Redoubt West	0.92 231	Sn	02 11 56.8	+1.2	K20K	Telida	2.61 333	Pn	Pn	02 12 04.6	0.0		J17K	VABM Dome	4.28 306	P	Pn	02 12 27.5	+0.2
RED	Redoubt Volcan	0.94 226	Pn	02 11 43.0	+0.3	K20K	Telida	2.61 333	Pn	Pn	02 12 05.1	+0.4		J17K	VABM Dome	4.28 306	P	Pn	02 12 27.5	+0.2
O22K	Cooper Landing	1.01 125	Pn	02 11 43.7	+0.3	RND	Reindeer	2.63 26	Pn	Pn	02 12 05.5	+0.6		SNH	Sunshine Point	4.31 98	Pn	IAML	02 12 28.3	+0.5
O22K	Cooper Landing	1.01 125	Sn	02 11 58.0	+0.6	RND	Reindeer	2.63 26	Pn	Pn	02 12 51.2			SNH	Sunshine Point	4.31 98	Pn	IAML	02 12 28.3	+0.5
O22K	Cooper Landing	1.01 125	P	02 11 43.9	+0.4	RND	Reindeer	2.63 26	Pn	Pn	02 12 05.5	+0.6		PTPK	Patty Peak	4.33 85	Pn	Pn	02 12 27.7	-0.6
O22K	Cooper Landing	1.01 125	S	02 11 58.4	+0.9	KLU	Klutina	2.68 79	Pn	Pn	02 12 04.9	-0.7		KIAG	Kiagna River	4.41 88	Pn	Pn	02 12 28.5	-0.7
M20K	Styx River	1.16 315	Pn	02 11 45.5	0.0	KLU	Klutina	2.68 79	Pn	Pn	02 12 06.7	-0.9		POKR	Poker Plat Res	4.44 22	Pn	IAML	02 12 30.2	+0.7
M20K	Styx River	1.16 315	Pn	02 11 45.7	+0.3	KLU	Klutina	2.68 79	Pn	Pn	02 12 06.7	-0.9		POKR	Poker Plat Res	4.44 22	Pn	IAML	02 12 30.2	+0.7
O20K	Slope Mountain	1.16 212	Pn	02 11 46.2	+0.8	M24K	Tolsona, Glenn	2.70 65	Pn	Pn	02 12 06.5	+0.5		POKR	Poker Plat Res	4.44 22	P	Pn	02 12 29.7	+0.1
O20K	Slope Mountain	1.16 212	P	02 11 46.2	+0.8	M24K	Tolsona, Glenn	2.70 65	Pn	Pn	02 12 06.5	+0.5		GCSA	Galena City Sc	4.46 328	P	Pn	02 13 30.4	+0.7
PMR	Palmer	1.21 64	Pn	02 11 45.8	-0.1	M24K	Tolsona, Glenn	2.70 65	Pn	Pn	02 12 06.7	+0.8		GCSA	Galena City Sc	4.46 328	P	Pn	02 13 30.4	+0.7
PMR	Palmer	1.21 64	IAML	02 12 04.5		M24K	Tolsona, Glenn	2.70 65	Pn	Pn	02 12 06.7	+0.8		J25K	Salcha River,	4.50 35	Pn	Pn	02 12 30.7	+0.3
PMR	Palmer	1.21 64	P	02 11 45.9	0.0	DIV	Divide	2.73 86	Pn	Pn	02 12 05.0	-1.4		J25K	Salcha River,	4.50 35	Pn	Pn	02 12 30.7	+0.3
IVE	Ilamma Volcan	1.33 218	Pn	02 11 48.0	+0.5	DHY	Denali Highway	2.76 42	Pn	Pn	02 12 06.9	+0.1		SCRK	Sand Creek	4.50 46	Pn	IAML	02 12 30.5	+0.1
BRLK	Bradley Lake	1.34 169	Pn	02 11 48.0	+0.3	DHY	Denali Highway	2.76 42	Pn	Pn	02 12 47.8			SCRK	Sand Creek	4.50 46	Pn	IAML	02 13 31.7	
BRLK	Bradley Lake	1.34 169	IAML	02 12 10.6		DHY	Denali Highway	2.76 42	Pn	Pn	02 12 51.9			SCRK	Sand Creek	4.50 46	Pn	IAML	02 13 31.7	
BRLK	Bradley Lake	1.34 169	IAML	02 12 10.9		DHY	Denali Highway	2.76 42	Pn	Pn	02 12 07.0	+0.2		SCRK	Sand Creek	4.50 46	Pn	IAML	02 13 31.7	
SEW	Seward	1.37 134	Pn	02 11 48.3	+0.4	DHY	Denali Highway	2.76 42	Pn	Pn	02 12 07.0	+0.2		M15K	Kasigluk River	4.55 269	P	Pn	02 12 31.1	+0.1
SEW	Seward	1.37 134	Pn	02 11 48.0	0.0	L18K	Granite Mounta	2.77 297	P	Pn	02 12 07.2	+0.4		M15K	Kasigluk River	4.55 269	P	Pn	02 12 31.1	+0.1
BRSE	Bradley Lake S	1.38 166	Pn	02 11 48.5	+0.4	L18K	Granite Mounta	2.77 297	P	Pn	02 12 07.3	+0.4		O15K	Ungalikthiuk R	4.62 249	Pn	Pn	02 12 32.7	+0.7
BRSE	Bradley Lake S	1.38 166	P	02 11 48.5	+0.4	EYAK	Cordova Ski Ar	2.82 98	Pn	Pn	02 12 06.3	-1.1		O15K	Ungalikthiuk R	4.62 249	Pn	Pn	02 12 32.7	+0.7
GHO	Glory Hole Cre	1.38 58	Pn	02 11 48.3	0.0	EYAK	Cordova Ski Ar	2.82 98	Pn	Pn	02 12 06.8	-0.6		H21K	Melozitna Rive	4.65 353	Pn	Pn	02 12 32.0	0.0
GHO	Glory Hole Cre	1.38 58	IAML	02 12 07.0		EYAK	Cordova Ski Ar	2.82 98	Pn	Pn	02 12 06.8	-0.6		H21K	Melozitna Rive	4.65 353	Pn	Pn	02 12 32.0	0.0
ILSW	Ilamma Southw	1.39 219	Pn	02 11 48.9	+0.4	CHUM	Lake Minchumim	2.85 352	P	Pn	02 12 08.1	+0.2		H20K	Anotleneega Mo	4.71 342	Pn	Pn	02 12 33.8	+0.7
ILSW	Ilamma Southw	1.39 219	IAML	02 12 10.5		CHUM	Lake Minchumim	2.85 352	P	Pn	02 12 08.1	+0.2		H20K	Anotleneega Mo	4.71 342	Pn	Pn	02 12 33.8	+0.7
HOM	Homer	1.43 185	Pn	02 11 49.7	+1.0	TTA	Tatalina	2.87 313	Pn	Pn	02 12 08.1	0.0		M27K	Edge Creek, AK	4.71 70	Pn	IAML	02 12 33.4	+0.1
HOM	Homer	1.43 185	IAML	02 12 12.8		N17K	Nushagak Hills	2.89 262	P	Pn	02 12 08.5	+0.1		M27K	Edge Creek, AK	4.71 70	Pn	IAML	02 12 33.4	+0.1
HOM	Homer	1.43 185	P																	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like G21K, I26K, G19K, etc.

DDA 04 02:15:17.7-0.0,36.99N-27.63E, h7km,2km, ML2.6 THE 04 02:15:17.9-0.0,37.01N-27.65E, h1km,1km, ML2.5/3, Error ellipse: s-maj=1.4km s-min=0.7km az=133.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like RFTA, BDRM, BODT, etc.

Table with columns: URLA, Izmir, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 04 03:07:02.1-2.0,0.62N,126.43E, h0km, mb3.7/3, mbtm=3.8/3, Error ellipse: s-maj=175.2km s-min=24.6km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like WRA, ASAR, MKAR.

NEIC 04 03:08:36.8-1.3, 42.59N, 0.01-11.46W, 0.03, h10km,2km, ML2.8/84, ML2.9/13(UUSS), Error ellipse: s-maj=3.4km s-min=3.0km az=104.0

UUSS 04 03:37.0-0.8, 42.604N, 0.009-11.46W, 0.01, h6km,1km, Error ellipse: s-maj=2.9km s-min=2.0km az=103.0, Eastern Idaho

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like AHID, GRRI, ECR, etc.

ISK 04 03:23:32.9, 39.55N-26.05E, h7km, ML2.5/15 ATH 04 03:23:33.9, 39.54N-26.05E, h8km,2km, ML2.6/4, Error ellipse: s-maj=2.7km s-min=0.9km az=252.0

DDA 04 03:23:33.4, 39.56N-26.05E, h1km,2km, ML2.5/8, Error ellipse: s-maj=2.0km s-min=0.5km az=130.0

ISC 04 03:23:33.3-0.6, 39.56N, 0.01-26.06E, 0.02, h10km,5km, n40, -0577/63, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like RFTA, BDRM, BODT, etc.

Table with columns: ELK, Elko, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

ISK 04 03:23:32.9, 39.55N-26.05E, h7km, ML2.5/15 ATH 04 03:23:33.9, 39.54N-26.05E, h8km,2km, ML2.6/4, Error ellipse: s-maj=2.7km s-min=0.9km az=252.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like PV07, PV19, etc.

ISK 04 03:23:32.9, 39.55N-26.05E, h7km, ML2.5/15 ATH 04 03:23:33.9, 39.54N-26.05E, h8km,2km, ML2.6/4, Error ellipse: s-maj=2.7km s-min=0.9km az=252.0

DDA 04 03:23:33.4, 39.56N-26.05E, h1km,2km, ML2.5/8, Error ellipse: s-maj=2.0km s-min=0.5km az=130.0

ISC 04 03:23:33.3-0.6, 39.56N, 0.01-26.06E, 0.02, h10km,5km, n40, -0577/63, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like SMCO, PV15, etc.

ISK 04 03:23:32.9, 39.55N-26.05E, h7km, ML2.5/15 ATH 04 03:23:33.9, 39.54N-26.05E, h8km,2km, ML2.6/4, Error ellipse: s-maj=2.7km s-min=0.9km az=252.0

DDA 04 03:23:33.4, 39.56N-26.05E, h1km,2km, ML2.5/8, Error ellipse: s-maj=2.0km s-min=0.5km az=130.0

ISC 04 03:23:33.3-0.6, 39.56N, 0.01-26.06E, 0.02, h10km,5km, n40, -0577/63, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like KOCA, GPNR, etc.



Main data table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, C/N2, pmax, pmax, TNCH, comp, Z, 51m, 2.0s, pmax, pmax, 4d, 4h. Contains multiple columns of station data and flight information.

4d 4h

TIXI	Tiksi	50.69	354	P	P	P	04 51 56.8 +0.2
DGZ	Jazzator, Alta	51.66	317C	P	P	P	04 53 08.1 +0.4
DGZ							04 52 05.0 +1.3
LRCR	Leigh Creek	51.99	185	P	P	P	04 52 07.3 +0.6
GIRL	Giralita	52.20	214	P	P	P	04 52 09.6 +1.3
MULG	Mulgathing	52.24	190	P	P	P	04 52 09.1 -0.1
S12K	Black Hills	52.78	36	P	P	P	04 52 12.1 -0.1
CMSA	Cobar Meteorol	52.94	177	P	P	P	04 52 13.9 +0.3
ZSN	Zaisan	52.95	314	eP	P	P	04 52 14.7 +1.1
ZSN	Zaisan	52.95	314	P	P	P	04 52 14.7 +1.1
STKA	Stephens Creek	53.23	182	P	P	P	04 52 14.4 -1.2
STKA	Stephens Creek	53.23	182	P	P	P	04 52 15.4 -0.3
STKA	Stephens Creek	53.23	182	P	P	P	04 52 15.1 -0.6
MEEK	Meekatharra	53.50	207	P	P	P	04 52 17.1 -0.7
SDPT	Sand Point	53.54	36	P	P	P	04 52 18.3 +0.7
SDPT	Sand Point	53.54	36	P	P	P	04 52 18.2 +0.5
M13K	Dall Lake	53.69	30	P	P	P	04 52 20.9 +2.3
K13K	Kusilvuk Mount	53.70	28	P	P	P	04 52 20.5 +1.8
CHNA	Chernabura Isl	53.91	37	P	P	P	04 52 21.1 +0.8
FORT	Forrest	54.06	196	P	P	P	04 52 21.5 -0.2
ZAAO	Zalesovo Array	54.16	322	P	P	P	04 52 21.8 +0.4
ZAAO							04 52 23.3
ZALV	Zalesovo Beam	54.16	322	P	P	P	04 52 21.9 -0.2
ZALV	Zalesovo Beam	54.16	322	P	P	P	04 52 22.4 +0.2
ZALV							04 53 22.0 -0.1
N14K	Kuskokwak Cree	54.30	31	P	P	P	04 52 24.5 +1.5
L14K	Kuka Creek	54.34	29	P	P	P	04 52 25.0 +1.7
M14K	Bethel	54.46	30	P	P	P	04 52 25.9 +1.8
J14K	Nanvaranak Lak	54.50	27	P	P	P	04 52 26.1 +1.7
ANM	Nome	54.53	25	P	P	P	04 52 26.4 +1.7
BBOO	Buckluebo	54.55	187	P	P	P	04 52 24.9 -0.3
F14K	Arctic Creek	54.59	23	P	P	P	04 52 27.0 +2.0
MK31	Makanchi Array	54.62	313	P	P	P	04 52 26.3 +0.7
MKAR	Makanchi Array	54.62	313	P	P	P	04 52 26.5 +0.9
MKAR							04 53 24.4 +0.3
MAK2	Makanchi	54.84	313	P	P	P	04 52 27.3 +0.1
MAK2	Makanchi	54.84	313	P	P	P	04 52 27.9 +0.8
MAK2	Makanchi	54.84	313	P	P	P	04 52 28.2 +1.0
MAKZ							04 53 25.0 +0.1
O15K	Ungalikthiuk R	54.96	32	P	P	P	04 52 29.2 +1.4
L15K	Ungalak Moun	55.00	29	P	P	P	04 52 29.4 +1.4
M15K	Kasigluk River	55.02	30	P	P	P	04 52 29.4 +1.2
N15K	Kwetluk River	55.14	31	P	P	P	04 52 30.7 +1.7
K15K	Wolf Creek Moun	55.20	28	P	P	P	04 52 31.1 +1.7
G15K	Niukluk	55.24	24	P	P	P	04 52 30.9 +1.3
F15K	North Star Dit	55.32	23	P	P	P	04 52 32.0 +1.8
N16K	Nishlik Lake	55.86	31	P	P	P	04 52 35.9 +1.8
L16K	Owhat River	55.91	29	P	P	P	04 52 35.6 +1.2
O16K	Kokvok River B	55.93	32	P	P	P	04 52 36.0 +1.4
M16K	Timber Creek	55.93	30	P	P	P	04 52 36.1 +1.5
J16K	Anvik River	55.95	27	P	P	P	04 52 36.6 +1.9
G16K	Koyuk River	56.05	24	P	P	P	04 52 36.4 +1.1
I17K	Unalakleet	56.13	26	P	P	P	04 52 37.7 +1.8
C16K	Lisburne Hills	56.27	21	P	P	P	04 52 38.3 +1.5
SHLS	Shalkode	56.42	308	eP	P	P	04 52 37.4 -1.2
SHLS	Shalkode	56.42	308	eP	P	P	04 52 37.3 -1.2
O17K	Koliganek Bris	56.47	32	P	P	P	04 52 39.9 +1.5
L17K	Donlin	56.57	29	P	P	P	04 52 41.0 +2.0
N17K	Nushagak Hills	56.62	31	P	P	P	04 52 41.4 +2.0
J17K	VABM Dome	56.64	27	P	P	P	04 52 41.8 +2.3
MORV	Morawa	56.73	208	P	P	P	04 52 40.0 -0.6
G17K	Kiwalik Moun	56.75	25	P	P	P	04 52 41.6 +1.4
M17K	Holifna River	56.75	30	P	P	P	04 52 42.2 +1.9
K17K	Iditarod	56.75	28	P	P	P	04 52 42.3 +2.0
D17K	Noatak River	56.76	22	P	P	P	04 52 41.9 +1.6
H17K	Granite Moun	56.83	25	P	P	P	04 52 42.4 +1.6
F17K	Baldwin Pennin	56.89	23	P	P	P	04 52 42.8 +1.7
E17K	Hotham Inlet	56.94	23	P	P	P	04 52 43.1 +1.6
RDOG	Red Dog Mine	56.98	21	P	P	P	04 52 43.4 +1.6
KPKS	Kokpek	56.99	309	iP	P	P	04 52 43.6 +1.1
KPKS	Kokpek	56.99	309	iP	P	P	04 52 43.5 +1.1
C17K	Delong Moun	57.05	21	P	P	P	04 52 44.2 +1.7
ZHN	Zhinishe	57.17	308	iP	P	P	04 52 44.9 +1.2
ZHN	Zhinishe	57.17	308	iP	P	P	04 52 44.9 +1.2
SATY	Saty	57.19	308	eP	P	P	04 52 45.3 +1.3
SATY	Saty	57.19	308	eP	P	P	04 52 45.2 +1.3
N18K	Sitkinak Islan	57.26	36	P	P	P	04 52 45.4 +1.4
I18K	Kilae Creek	57.28	31	P	P	P	04 52 46.2
N18K	Kilae Creek	57.28	31	P	P	P	04 52 45.8 +1.7
L18K	Granite Moun	57.32	29	P	P	P	04 52 46.2 +2.0
KURK	Kurchatov	57.41	317	P	P	P	04 52 45.0 0.0
KURK							04 52 46.4
KURK	Kurchatov	57.41	317	P	P	P	04 52 45.5 +0.4
KURK	Kurchatov	57.41	317	P	P	P	04 52 45.5 +0.5
KURK	Kurchatov	57.41	317	P	P	P	04 53 34.7 -0.2
O18K	Koktuh Hills	57.41	32	P	P	P	04 52 46.6 +1.6
KURB	Kurchatov Arra	57.46	317	P	P	P	04 52 45.5 0.0
E18K	Tukpahleark C	57.51	22	P	P	P	04 52 47.3 +1.8
H18K	Honhosa River	57.52	25	P	P	P	04 52 46.8 +1.2
SVW2	Sparrevohn	57.53	30	IAMB	IAMB	P	04 52 48.3
SVW2	Sparrevohn	57.53	30	P	P	P	04 52 47.4 +1.6
F18K	Selawik	57.54	23	P	P	P	04 52 47.1 +1.4
ARXS	Arharly	57.62	309	eP	P	P	04 52 47.6 +0.8
G18K	Tagawik	57.66	24	P	P	P	04 52 47.7 +1.2
J18K	Innoko River	57.67	27	P	P	P	04 52 48.0 +1.3
BLDU	Balidlu	57.78	207	P	P	P	04 52 47.4 -0.4

2017 SEP

C18K	Utukok River	57.81	21	P	P	P	04 52 48.7 +1.1
TTA	Tatalina	57.82	28	P	P	P	04 52 49.0 +1.2
O19K	Old Harbor	57.86	35	P	P	P	04 52 48.6 +0.5
O19K	Port Alsworth	57.92	32	P	P	P	04 52 49.8 +1.4
N19K	Bonanza Creek	57.98	31	IAMB	IAMB	P	04 52 51.5
N19K	Bonanza Creek	57.98	31	P	P	P	04 52 50.7 +1.7
GCSA	Galena City Sc	57.98	26	P	P	P	04 52 49.7 +0.9
NRIK	Noril'sk	57.99	340C	iP	P	P	04 52 49.1 +0.3
NRIK							04 52 49.4 +0.6
NRIK							04 53 37.5 +0.7
KDJ	Kajisay	58.11	307	P	P	P	04 52 51.4 +1.1
KDJ	Kajisay	58.11	307	P	P	P	04 52 51.4 +1.1
L19K	White Mountain	58.14	29	P	P	P	04 52 51.5 +1.5
MDOK	Medeo	58.19	308	iP	P	P	04 52 52.3 +1.5
MDOK	Medeo	58.19	308	iP	P	P	04 52 52.3 +1.5
TNS5	Tian-Shan	58.26	308	iP	P	P	04 52 53.4 +1.8
J19K	Poorman	58.28	27	P	P	P	04 52 52.4 +1.5
F19K	Shalercuk M	58.32	24	P	P	P	04 52 52.0 +0.9
G19K	Puruit Moun	58.35	24	P	P	P	04 52 52.8 +1.5
H19K	Roundabout M	58.40	25	P	P	P	04 52 53.3 +1.6
C19K	Lookout Ridge	58.53	21	P	P	P	04 52 54.4 +1.9
E19K	Redstone River	58.73	23	P	P	P	04 52 55.5 +1.6
K20K	Telida	58.78	28	IAMB	IAMB	P	04 52 57.2
K20K	Telida	58.78	28	P	P	P	04 52 56.3 +1.9
D19K	Kuna River	58.79	22	P	P	P	04 52 55.7 +1.3
ULHL	Ulaloh	58.80	307	P	P	P	04 52 56.6 +1.5
M20K	Styx River	58.86	30	P	P	P	04 52 56.8 +1.9
J20K	Nowinta River	58.96	27	IAMB	IAMB	P	04 52 57.9
J20K	Nowinta River	58.96	27	P	P	P	04 52 57.4 +1.9
I20K	Naagdeneel	58.98	26	P	P	P	04 52 57.6 +2.0
H20K	Anotleneega M	59.01	25	P	P	P	04 52 57.6 +1.7
BOOM	Boomskeye usch	59.02	307	IAMB	IAMB	P	04 52 58.8
KSH	Kashi	59.13	304	P	P	P	04 53 01.7 +4.4
F20K	Avarat Lake	59.15	24	P	P	P	04 52 58.6 +1.9
TKM2	Tokmak 2	59.26	308	P	P	P	04 52 59.6 +1.4
TKM2	Tokmak 2	59.26	308	P	P	P	04 52 59.4 +1.2
E20K	Nigu River	59.38	22	P	P	P	04 52 59.8 +1.4
D20K	Etiyuk River	59.38	22	P	P	P	04 52 59.8 +1.5
PPLA	Purkeypile	59.51	29	P	P	P	04 53 00.9 +1.5
BRLK	Bradley Lake	59.53	32	IAMB	IAMB	P	04 53 00.2 0.0
NWA0	Narrogin (SRO)	59.59	205	P	P	P	04 53 01.8 +1.7
B20K	Meade River	59.66	20	P	P	P	04 53 02.6
CAST	Castle Rocks	59.67	28	IAMB	IAMB	P	04 53 02.6
CAST	Castle Rocks	59.67	28	P	P	P	04 53 01.7 +1.4
CHUM	Lake Minchum	59.67	28	P	P	P	04 53 02.1 +1.8
G21K	Atlakak	59.84	25	P	P	P	04 53 03.1 +1.6
H21K	Melozitna Rive	59.89	26	IAMB	IAMB	P	04 53 04.6
H21K	Melozitna Rive	59.89	26	P	P	P	04 53 03.6 +1.8
SUA	Susitna One	59.89	31	IAMB	IAMB	P	04 54 22.8
SUA	Susitna One	59.89	31	P	P	P	04 53 02.6 +0.6
SGDS	Sogindy	59.95	309	iP	P	P	04 53 03.6 +0.9
SGDS	Sogindy	59.95	309	iP	P	P	04 53 03.5 +0.9
F21K	Alatna River	60.04	24	P	P	P	04 53 04.0 +1.2
USP	Ospenovka	60.05	308	P	P	P	04 53 04.5 +1.1
AAK	Ala-Archa	60.08	308	P	P	P	04 53 02.

L26K	Log Cabin Wild	63.52	29	Iamb	Iamb	04 53 28.0
L26K	Log Cabin Wild	63.52	29	P	P	04 53 27.2 +1.3
J26L	Joseph Creek	63.55	28	P	P	04 53 26.6 +0.4
MCARA	McCarthy VSAT	63.57	31	P	P	04 53 26.5 +0.3
MCARA	McCarthy VSAT	63.57	31	Iamb	Iamb	04 53 28.7
MCARA	McCarthy VSAT	63.57	31	P	P	04 53 27.3 +1.1
M26K	Nabesna, AK	63.64	30	P	P	04 53 28.0 +1.3
F26K	Sheenjek River	63.66	24	P	P	04 53 28.9 +2.2
C26K	Camden Bay	63.70	22	P	P	04 53 29.3 +2.3
G26K	Porcupine River	63.71	25	P	P	04 53 29.1 +2.0
CHM	Chimkent	63.71	308	eP	P	04 53 28.7 +1.1
CHM	Chimkent	63.71	308	eP	P	04 53 28.6 +1.1
I26K	Coal Creek Min	63.79	27	P	P	04 53 27.3 -0.3
C27K	Jago River	64.07	22	P	P	04 53 31.1 +1.8
GRNC	Granite Creek	64.16	32	Iamb	Iamb	04 53 32.2
M27K	Edge Creek, AK	64.16	30	Iamb	Iamb	04 53 32.2
M27K	Edge Creek, AK	64.16	30	P	P	04 53 31.3 +1.1
K27K	Chicken	64.16	28	P	P	04 53 31.4 +1.4
L27K	Bozovay Creek	64.22	29	P	P	04 53 31.6 +1.2
CTG	Chitna Glacier	64.37	32	P	P	04 53 33.3 +1.7
I27K	Kandik River	64.46	26	P	P	04 53 32.8 +0.8
G27K	Doyon Strip	64.53	25	P	P	04 53 34.0 +1.6
H27K	Steamboat Moun	64.54	26	P	P	04 53 34.2 +1.7
SIMJ	Stigmanj	64.61	304	P	P	04 53 34.4 +0.8
E27K	Coleen River	64.67	24	P	P	04 53 35.0 +1.7
YUK3	Moose Creek	64.81	31	P	P	04 53 35.5 +1.0
P1NM	Pinnacle	64.89	33	P	P	04 53 36.2 +1.3
O28M	Mount Upton	64.92	32	P	P	04 53 36.7 +1.4
D27M	Malcolm River	64.99	22	P	P	04 53 37.2 +1.9
I28M	Miner Creek	65.15	27	P	P	04 53 37.6 +1.1
KBL	Kabul	65.23	299	P	P	04 53 37.6 0.0
KBL	Kabul	65.23	299	P	P	04 53 37.7 0.0
F28M	Old Crow	65.28	24	Iamb	Iamb	04 53 39.8
F28M	Old Crow	65.28	24	P	P	04 53 38.8 +1.6
PNL	Peninsula	65.33	33	P	P	04 53 38.5 +0.9
PNL	Peninsula	65.33	33	P	P	04 53 38.9 +1.3
DAWY	Dawson	65.34	28	Iamb	Iamb	04 53 39.8
DAWY	Dawson	65.34	28	P	P	04 53 39.0 +1.4
E28M	Babbage River	65.46	23	P	P	04 53 40.1 +1.9
O29M	Mount Kennedy	65.73	32	Iamb	Iamb	04 53 43.1
O29M	Mount Kennedy	65.73	32	P	P	04 53 42.2 +1.9
M29M	Somme Creek	65.75	30	P	P	04 53 42.1 +1.7
D28M	Stokes Point	65.79	22	P	P	04 53 41.8 +1.5
Y28M	Whitestone	65.82	26	P	P	04 53 42.1 +1.5
H29K	Outpost Mounta	65.82	32	P	P	04 53 42.8 +1.9
I29M	Ogilvie Camp,	65.83	27	Iamb	Iamb	04 53 42.7
I29M	Ogilvie Camp	65.83	27	P	P	04 53 41.8 +1.1
J29M	Klondike Camp	65.86	28	P	P	04 53 41.9 +0.9
L29M	L29M	65.90	29	P	P	04 53 43.1 +1.9
G29M	Pine Creek	65.97	25	P	P	04 53 43.4 +1.8
E29M	Blow River	66.06	23	P	P	04 53 43.6 +1.6
K29M	Barlow Dome	66.17	28	Iamb	Iamb	04 53 45.5
K29M	Barlow Dome	66.17	28	P	P	04 53 44.5 +1.5
P29M	Windy Craggy	66.17	33	P	P	04 53 44.9 +1.9
HYT	Haines Junctio	66.24	32	Iamb	Iamb	04 53 46.3
HYT	Haines Junctio	66.24	32	P	P	04 53 45.4 +1.8
N30M	Aishikik Lake	66.42	31	Iamb	Iamb	04 53 47.1
N30M	Aishikik Lake	66.42	31	P	P	04 53 46.2 +1.7
EPYK	Eagle Pt	66.48	26	P	P	04 53 46.2 +1.4
M30M	Minto, Yukon	66.52	30	Iamb	Iamb	04 53 47.6
M30M	Minto, Yukon	66.52	30	P	P	04 53 46.7 +1.6
P30M	Million Dollar	66.54	33	P	P	04 53 47.2 +1.9
I30M	Mount Dempster	66.64	27	Iamb	Iamb	04 53 49.2
I30M	Mount Dempster	66.64	27	P	P	04 53 47.0 +1.0
J30M	Hart River	66.67	28	P	P	04 53 46.7 +0.6
J30M	Hart River	66.67	28	Iamb	Iamb	04 53 48.0
J30M	Hart River	66.67	28	P	P	04 53 47.4 +1.4
G30M	Taoh Zrail Nij	66.68	24	P	P	04 53 47.1 +1.0
F30M	Barrier River	66.84	24	P	P	04 53 48.5 +1.5
MAYO	Mayo, Yukon	66.90	29	P	P	04 53 49.2 +1.7
O30M	Mendenhall	66.94	32	P	P	04 53 49.2 +1.4
N31M	Braeburn, Yuku	67.05	31	Iamb	Iamb	04 53 51.2
N31M	Braeburn, Yuku	67.05	31	P	P	04 53 50.1 +1.6
SKAG	Skagway	67.41	33	Iamb	Iamb	04 53 53.1
SKAG	Skagway	67.41	33	P	P	04 53 52.2 +1.6
SKAG	Skagway	67.41	33	P	P	04 53 52.3 +1.7
G31M	Satah River	67.45	25	P	P	04 53 51.8 +1.1
H31M	Peel River	67.47	26	P	P	04 53 52.0 +1.1
H31M	Peel River	67.47	26	P	P	04 53 52.1 +1.1
WHY	Whitehorse	67.54	32	Iamb	Iamb	04 53 54.1
WHY	Whitehorse	67.54	32	P	P	04 53 53.2 +1.6
F31M	Tsightehcic	67.63	24	Iamb	Iamb	04 53 53.3
F31M	Tsightehcic	67.63	24	P	P	04 53 52.5 +0.6
M31M	Drury Creek, Y	67.66	30	Iamb	Iamb	04 53 54.5
M31M	Drury Creek, Y	67.66	30	P	P	04 53 53.5 +1.3
INK	Inuvik	67.68	24	Iamb	Iamb	04 53 53.6
INK	Inuvik	67.68	24	P	P	04 53 52.8 +0.6

R32K	Eaglecrest	67.93	34	P	P	04 53 55.6 +1.7
S32K	Killsnoo	67.98	35	P	P	04 53 55.4 +1.3
JIS	Junious Island	68.00	34	P	P	04 53 55.2 +0.9
JIS	Junious Island	68.00	34	Iamb	Iamb	04 53 56.6
JIS	Junious Island	68.00	34	P	P	04 53 55.9 +1.6
SVE	Sverdlouk	68.03	324d	eP	P	04 53 55.5 +0.9
BKZ	Black Stump Fm	68.12	152	P	P	04 53 55.0 -0.4
FARO	Faro, Yukon	68.14	30	P	P	04 53 56.5 +1.2
P32M	Atlin	68.21	33	P	P	04 53 57.2 +1.4
P33M	Teslin, Yukon	68.60	32	Iamb	Iamb	04 54 00.4
P33M	Teslin, Yukon	68.60	32	P	P	04 53 59.4 +1.3
Q32M	Nakina River	69.02	34	P	P	04 54 02.6 +1.7
MMPY	Sheldon Lake	69.07	30	Iamb	Iamb	04 54 03.6
MMPY	Sheldon Lake	69.07	30	P	P	04 54 02.6 +1.6
ARU	Arti	69.22	324	P	P	04 54 01.4 -0.5
ARU	Arti	69.22	324c	P	P	04 54 02.2 +0.3
ARU	Arti	69.22	324	P	P	04 54 21.2
ARU	Arti	69.22	324	P	P	04 55 11.9 -1.6
ARU	Arti	69.22	324	P	P	05 02 41.7 +0.8
ARU	Arti	69.22	324	P	P	04 54 02.2 +0.3
AB31	Akbulak array	69.48	316	P	P	04 54 03.9 +0.3
R33M	Jennings River	69.63	33	P	P	04 54 06.2 +1.7
DIB	Davon Inlet	69.73	40	Iamb	Iamb	04 54 06.5
S34M	Telegraph Cree	69.76	35	P	P	04 54 06.9 +1.8
A36M	Sach Harbour	70.14	19	P	P	04 54 08.1 +1.0
DLBC	Dease Lake	70.25	34	Iamb	Iamb	04 54 11.0
DLBC	Dease Lake	70.25	34	P	P	04 54 10.0 +1.8
T35M	Bob Quinn	70.38	35	P	P	04 54 10.6 +1.7
AKTO	Aktuyubinsk	70.50	317	P	P	04 54 09.3 -0.5
TGNT	Hyland Airport	70.62	31	P	P	04 54 12.1 +1.8
HG4B	Hotspring	70.65	40	P	P	04 54 10.9 +0.3
HG4B	Hotspring	70.65	40	Iamb	Iamb	04 54 12.2
HRA	Herat	70.76	300	Iamb	Iamb	04 54 13.7
RUBB	Prince Rupert	70.84	38	P	P	04 54 12.2 +0.5
C36M	Paulatuk	70.97	22	P	P	04 54 12.6 +0.4
GRNB	Grenville Isla	71.10	39	Iamb	Iamb	04 54 15.3
LIRD	Liard River Hi	72.08	33	P	P	04 54 20.6 +1.7
WRGLY	Wrigley	72.48	28	P	P	04 54 22.7 +1.5
BBB	Bella Bella	72.53	40	Iamb	Iamb	04 54 23.4
HOLB	Holberg	72.86	42	P	P	04 54 24.8 +1.0
HOLB	Holberg	72.86	42	Iamb	Iamb	04 54 26.1
KOTAN	Kotanelee Air	72.92	32	P	P	04 54 25.3 +1.4
GEYT	Alibek	73.15	305	Iamb	Iamb	04 54 27.9
GEYT	Alibek	73.15	305	P	P	04 54 26.7 +1.0
GYA0	ALIBECK ARRAY	73.15	305	P	P	04 54 26.5 +0.8
GYA0B	ALIBECK ARRAY	73.15	305	Iamb	Iamb	04 54 27.8
KIRV	Kirov	73.64	327c	P	P	04 54 28.5 +0.5
PRGR	Permogore	74.63	331	eP	P	04 53 31.7 -1.9
PRGR	Permogore	74.63	331	P	P	04 54 35.5 +1.0
CBB	Campbell River	74.73	42	Iamb	Iamb	04 54 36.6
CBB	Campbell River	74.73	42	P	P	04 54 38.1
CLRS	Cowichan Lake	75.84	43	Iamb	Iamb	04 54 43.2
SPA0	Spatsbergen Ar	75.86	350	eP	P	04 54 41.1 +0.7
KBS	Kingsbay	76.02	351	P	P	04 54 42.0 +0.8
KBS	Kingsbay	76.02	351	P	P	04 54 42.0 +0.8
PGC	Sidney	76.32	43	Iamb	Iamb	04 54 45.7
BELG	Belogornoye	76.34	321c	P	P	04 54 44.1 +0.6
BELG	Belogornoye	76.34	321	P	P	04 54 47.0
NLWA	Neilton Louks	76.43	44	Iamb	Iamb	04 54 47.0
NOR	Nor	76.44	357	eP	P	04 54 43.2 -0.4
B04A	Port Angeles	76.47	44	Iamb	Iamb	04 54 47.0
YKA	Yellowknife Ar	76.58	28	P	P	04 54 45.2 +0.7
LLLB	Lilloet	76.74	41	Iamb	Iamb	04 54 48.0
LVZ	Lovozero	76.79	338	P	P	04 54 45.4 -0.4
LVZ	Lovozero	76.79	338d	P	P	04 54 46.2 +0.4
ADZR	Andozero	77.03	334	eP	P	04 54 46.8 -0.3
ADZR	Andozero	77.03	334	P	P	04 54 50.3
GNW	Green Mountain	77.05	44	Iamb	Iamb	04 54 50.3
VADS	Vadso	77.48	341	P	P	04 54 49.9 +0.4
B06A	Marblemount	77.61	43	Iamb	Iamb	04 54 52.6
COR	Corvallis	77.65	47	P	P	04 54 52.1 +1.2
COR	Corvallis	77.65	47	Iamb	Iamb	04 54 55.1
COR	Corvallis	77.65	47	P	P	04 54 52.1 +1.2
KLMR	Klimovskoe	77.68	331	eP	P	04 54 48.7 -2.0
KLMR	Klimovskoe	77.68	331	P	P	04 54 51.2
KLMR	Klimovskoe	77.68	331	eP	P	04 54 48.6 -2.1
KLMR	Klimovskoe	77.68	331	P	P	04 54 54.0
D05A	Enunclaw	77.71	44	Iamb	Iamb	04 54 54.0
F04A	Amboy	77.82	45	Iamb	Iamb	04 54 54.1
I03D	Drain, OR	77.90	48	Iamb	Iamb	04 54 54.9
H04D	Lebanon	78.06	47	P	P	04 54 53.7 +0.6
X0XB	Camp Six Broad	78.11	50	Iamb	Iamb	04 54 56.3
DBO	Dodson Butte	78.15	48	Iamb	Iamb	04 54 55.8
L02F	Cave Junction	78.24	49	Iamb	Iamb	04 54 56.7
J02C	Jacoby River	78.32	51	Iamb	Iamb	04 54 57.5
KEV	Kevo	78.36	341	P	P	04 54 54.4 +0.1
KEV	Kevo	78.36	341	P	P	04 54 54.4 +0.1
KEV	Kevo	78.36	341	P	P	04 54 54.4 +0.1
H04A	Detroit Lake	78.38	47	Iamb	Iamb	04 54 57.0
HOOD	Mount Hood Mea	78.53	46	Iamb	Iamb	04 55 01.8
LTY	Liberty	78.53	44	Iamb	Iamb	04 54 57.7
KMRM	Mali Ridge	78.75	51	Iamb	Iamb	04 54 59.8
G05A	Wamie	78.78	46	Iamb	Iamb	04 54 59.0
HAMF	Hammerfest	78.83	343	P	P	04 54 56.9 +0.1

ARCS	ARCESS Array S	78.92	341	P	P	04 54 58.0 +0.6
ARCS	ARCESS Array B	78.92	341	P	P	04 54 57.8 +0.4
ARCS	ARCESS Array B	78.92	341	P	P	04 54 58.0 +0.6
ARCS						

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

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

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

TAP 04:04:45:11.7, 24:99N, 121:69E, h123km, ML3.8, B
JMA 04:04:45:11.7, 24:99N, 121:69E, h15km, 1km,
M2/2.9/14, TAIWAN REGION
ISC 04:04:50:10.2, 1.3, 25.01N, 0.03x121.72E, 0.03, h131km, 5km,
n111, e089/213, Taiwan
Code Station Name A° AZ° Phase ID Time Res
ISC h m s ISC



NHDD	baz=244	S	Sn	04 45 40.7 -0.8	
NTC	Toucheng	0.18 148	eS	Sn	04 45 42.4 +0.9
YM01	YM01	0.19 314	P	Pn	04 45 28.8 +0.6
YM01	baz=331	S	Sn	04 45 41.5 -0.3	
TAP	Taipei	0.20 278	eP	Pn	04 45 28.6 +0.6
TAP	baz=280	eS	Sn	04 45 41.2 -0.3	
TWB1	Santiao Chiao	0.24 91	P	Pn	04 45 28.3 +0.2
TWB1	baz=89	S	Sn	04 45 42.3 +0.5	
ANP	Anpu	0.25 314	eP	Pn	04 45 28.9 +0.6
ANP	baz=326	eS	Sn	04 45 41.6 -0.5	
EGS	baz=326	0.25 131	eP	Pn	04 45 28.7 +0.5
EGS	baz=116	eS	Sn	04 45 43.1 +1.3	
FUSB	Fushanzhiwuyua	0.28 206	P	Pn	04 45 28.6 +0.1
FUSB	baz=212	S	Sn	04 45 40.7 -1.5	
TWY	Chenhua	0.28 337	P	Pn	04 45 29.2 +0.8
TWY	baz=349	S	Sn	04 45 41.9 -0.2	
NTST	Danshui	0.29 302	eP	Pn	04 45 29.0 +0.6
NTST	baz=295	eS	Sn	04 45 41.6 -0.5	
TWS1	Kuangyinshan	0.29 288	P	Pn	04 45 29.1 +0.7
TWS1	baz=293	S	Sn	04 45 41.8 -0.2	
NWLT	Wulai	0.31 221	P	Pn	04 45 28.5 0.0
NWLT	baz=207	S	Sn	04 45 40.5 -1.8	
NDS	Dongshan	0.38 181	P	Pn	04 45 29.9 +1.1
NDS	baz=186	S	Sn	04 45 43.0 +0.3	
TWC	Suao	0.42 164	P	Pn	04 45 29.5 +0.6
TWC	baz=158	S	Sn	04 45 43.5 +0.5	
YHNB	Yeheng	0.46 223	P	Pn	04 45 29.5 +0.2
YHNB	baz=213	eS	Sn	04 45 41.6 -2.0	
NSK	Sanguang	0.47 225	P	Pn	04 45 29.4 +0.1
NSK	baz=215	S	Sn	04 45 42.2 -1.4	
NCU	National Centr	0.49 265	eP	Pn	04 45 29.2 0.0
NCU	baz=271	eS	Sn	04 45 42.8 -0.9	
NCUH	Zhongli	0.49 265	P	Pn	04 45 29.6 +0.3
NCUH	baz=271	S	Sn	04 45 42.7 -1.0	
LATG	Datong	0.51 201	P	Pn	04 45 30.1 +0.6
LATG	baz=202	S	Sn	04 45 43.4 -0.7	
EWUT	Wuta	0.57 175	eP	Pn	04 45 30.7 +1.0
EWUT	baz=179	eS	Sn	04 45 44.9 +0.5	
ENA	Nanau	0.58 178	eP	Pn	04 45 30.7 +0.9
ENA	baz=183	eS	Sn	04 45 44.7 0.0	
NNS	Nan Shan	0.65 209	P	Pn	04 45 31.1 +0.7
NNS	baz=205	S	Sn	04 45 45.4 -0.3	
NNSB	Datong	0.66 208	P	Pn	04 45 31.0 +0.5
NNSB	baz=205	S	Sn	04 45 45.1 -0.7	
NFF	Wufeng Townshi	0.67 236	eP	Pn	04 45 31.0 +0.5
NFF	baz=235	eS	Sn	04 45 45.1 -0.7	
PCYT	Pengchayiu	0.69 27	P	Pn	04 45 31.1 +0.6
SBCB	Hsinchu	0.70 252	eP	Pn	04 45 30.9 +0.3
SBCB	baz=259	eS	Sn	04 45 44.9 -1.2	
LIOB	Emei	0.74 241	P	Pn	04 45 31.8 +0.9
LIOB	baz=236	eS	Sn	04 45 45.8 -0.8	
EOS2	EOS2	0.75 142	P	Pn	04 45 31.5 +0.7
EOS2	baz=136	S	Sn	04 45 46.2 -0.2	
NSTT	Nanjuang	0.76 240	P	Pn	04 45 31.6 +0.5
NSTT	baz=239	S	Sn	04 45 45.7 -1.1	
ETLH	Xiulin Townshi	0.83 195	eP	Pn	04 45 32.1 +0.3
ETLH	baz=186	eS	Sn	04 45 46.8 -1.3	
NACB	Ninganchiao	0.84 188	P	Pn	04 45 31.6 -0.2
NACB	baz=185	S	Sn	04 45 46.5 -1.6	
ETL	Fush Village	0.85 186	eP	Pn	04 45 31.4 -0.6
ETL	baz=190	eS	Sn	04 45 47.5 -0.8	
EOS3	EOS3	0.90 143	P	Pn	04 45 32.9 +0.8
EOS3	baz=139	S	Sn	04 45 48.7 0.0	
TWT	Tachien	0.90 213	eP	Pn	04 45 33.7 +1.2
TWT	baz=215	eS	Sn	04 45 49.5 +0.2	
TDCB	Techi	0.91 214	eP	Pn	04 45 33.5 +1.0
TDCB	baz=217	eS	Sn	04 45 48.8 -0.7	
TWD	Chiawan	0.93 187	eS	Sn	04 45 48.8 -0.7
WHF	Hehuan Shan	0.96 206	eP	Pn	04 45 34.1 +0.8
WHF	baz=198	eS	Sn	04 45 50.2 -0.4	
NMLH	Miaoji	0.97 241	eP	Pn	04 45 33.1 +0.2
NMLH	baz=240	eS	Sn	04 45 48.8 -1.3	
WHP	Taichung City	1.02 224	P	Pn	04 45 34.1 +0.7
WHP	baz=231	S	Sn	04 45 50.0 -0.9	
LBXB	Xiulin Townshi	1.02 196	eP	Pn	04 45 33.5 0.0
LBXB	baz=187	eS	Sn	04 45 50.0 -1.3	
HWA	Hwalien	1.03 186	eP	Pn	04 45 33.6 +0.1
HWA	baz=190	eS	Sn	04 45 50.1 -1.1	
EOS4	EOS4	1.04 148	eP	Pn	04 45 33.2 +0.1
EOS4	baz=147	eS	Sn	04 45 49.1 -1.4	
NSY	Sanyi	1.06 236	eP	Pn	04 45 34.8 +1.1
NSY	baz=240	eS	Sn	04 45 50.4 -1.1	
CHGB	Renai	1.07 208	P	Pn	04 45 35.2 +1.2
CHGB	baz=210	S	Sn	04 45 52.2 0.0	

TWQ1	Liyutan	1.09 233	eP	Pn	04 45 34.5 +0.5
TWQ1	baz=238	eS	Sn	04 45 51.3 -0.8	
WUSB	Renai	1.16 209	P	Pn	04 45 36.0 +1.1
WUSB	baz=207	S	Sn	04 45 53.6 +0.1	
OWD	Renai	1.16 205	eP	Pn	04 45 36.1 +1.2
OWD	baz=203	eS	Sn	04 45 53.5 -0.2	
WDJ	Dajia District	1.19 236	eS	Sn	04 45 52.6 -1.2
WDJ	baz=242	eS	Sn	04 45 36.1 +1.0	
WCS	Beigang Elemen	1.20 218	P	Pn	04 45 36.1 +1.0
WCS	baz=217	S	Sn	04 45 53.7 -0.3	
ESL	Shilin	1.22 193	eP	Pn	04 45 53.0 -0.4
ESL	baz=186	eS	Sn	04 45 52.8 -1.7	
YJNG	Yonganjimaku	1.25 116	P	Pn	04 45 35.7 +0.1
YJNG	baz=220	eS	Sn	04 45 53.7 -1.1	
TCU	Taichung	1.28 228	eS	Sn	04 45 54.7 -0.9
YOJ	Yonaguni jima	1.29 115	P	Pn	04 45 36.1 0.0
YOJ	baz=120	eS	Sn	04 45 54.0 -1.7	
YOJ	Yonaguni jima	1.29 115	P	Pn	04 45 37.4 +1.4
YOJ	baz=120	eS	Sn	04 45 55.7 0.0	
WARBT	Fenglin Townsh	1.32 193	P	Pn	04 45 35.7 -0.8
WARBT	baz=187	eS	Sn	04 45 54.3 -2.1	
TYC	Yuch	1.35 216	P	Pn	04 45 37.7 +1.0
TYC	baz=221	eS	Sn	04 45 56.3 -0.6	
VWDT	VWDT	1.36 203	eP	Pn	04 45 38.4 +1.6
VWDT	baz=205	eS	Sn	04 45 57.5 +0.5	
EGFH	Guanghu	1.36 191	eP	Pn	04 45 38.3 +1.4
EGFH	baz=189	eS	Sn	04 45 56.2 -0.9	
SSLB	Suanguang	1.41 210	P	Pn	04 45 38.3 +1.0
SSLB	baz=216	S	Sn	04 45 58.0 0.0	
WNT	Mingjian	1.47 220	eP	Pn	04 45 38.8 +0.8
WNT	baz=219	eS	Sn	04 45 58.5 -0.7	
WJS	Zhushan	1.49 218	P	Pn	04 45 39.3 +1.0
WJS	baz=217	S	Sn	04 45 59.9 +0.3	
WHYT	Xinyi Township	1.53 211	P	Pn	04 45 39.8 +1.1
WHYT	baz=204	S	Sn	04 46 00.7 +0.2	
HGSD	Ruisui	1.54 190	P	Pn	04 45 39.5 +0.8
HGSD	baz=192	eS	Sn	04 46 01.1 +0.6	
EHY	Hungye	1.54 194	eP	Pn	04 45 39.8 +0.9
EHY	baz=189	eS	Sn	04 46 01.1 +0.4	
WRL	Guierlin Hig	1.65 228	eP	Pn	04 45 40.6 +0.5
WRL	baz=221	eS	Sn	04 46 02.1 -0.7	
YULB	Yu-i	1.66 194	eP	Pn	04 45 39.7 -0.5
YULB	baz=184	eS	Sn	04 46 00.8 -2.2	
EYUL	Yuli	1.70 193	eP	Pn	04 45 40.8 +0.1
EYUL	baz=191	eS	Sn	04 46 02.4 -1.4	
WDLH	Douliu	1.70 220	eP	Pn	04 45 40.9 +0.3
WDLH	baz=219	eS	Sn	04 46 03.4 -0.5	
ALS	Alishan	1.71 209	P	Pn	04 45 42.0 +0.9
ALS	baz=216	S	Sn	04 46 04.8 +0.2	
WTK	Tuku	1.79 223	eP	Pn	04 45 42.5 +0.8
WTK	baz=214	eS	Sn	04 46 05.3 -0.5	
FULB	Fuli	1.85 192	eP	Pn	04 45 43.5 +1.0
FULB	baz=190	eS	Sn	04 46 07.1 +1.0	
WCKO	Fanlu	1.87 213	P	Pn	04 45 43.6 +1.0
WCKO	baz=218	eS	Sn	04 46 07.2 -0.3	
EHD	Haiduan	1.91 194	eP	Pn	04 45 43.0 -0.2
EHD	baz=186	eS	Sn	04 46 08.5 +0.1	
CHY	Chiayi	1.92 218	eP	Pn	04 45 44.0 +0.8
CHY	baz=217	eS	Sn	04 46 07.6 -0.8	
ELDTW	Lidau	1.93 200	eP	Pn	04 45 44.5 +1.0
ELDTW	baz=190	eS	Sn	04 46 08.9 +0.1	
IRIF	Iriomote-Funau	1.95 110	P	Pn	04 45 43.6 0.0
IRIF	baz=211	eS	Sn	04 46 07.5 -1.5	
CHN4	Tsaushan	1.95 212	eP	Pn	04 45 44.6 +1.0
CHN4	baz=211	eS	Sn	04 46 08.6 -0.5	
MATB	Mat-su	1.96 306	eP	Pn	04 45 45.2 +1.4
MATB	baz=305	eS	Sn	04 46 09.9 +0.4	
TPUB	Ta-pu	1.97 211	eP	Pn	04 45 44.7 +0.8
TPUB	baz=209	eS	Sn	04 46 09.5 -0.2	
STYH	Taoyuan	2.03 205	P	Pn	04 45 45.5 +1.0
STYH	baz=211	eS	Sn	04 46 10.7 -0.1	
WTP	Ta-pu	2.03 210	P	Pn	04 45 45.5 +0.8
WTP	baz=209	eS	Sn	04 46 10.4 -0.5	
VWUC	VWUC	2.06 270	eP	Pn	04 45 46.1 +1.2
VWUC	baz=269	eS	Sn	04 46 11.5 0.0	
EDH	Donghe	2.07 191	eP	Pn	04 45 45.5 +0.4
EDH	baz=181	eS	Sn	04 46 11.1 -0.6	
TWK	Hsiyning	2.07 213	eP	Pn	04 45 45.8 +0.6
TWK	baz=212	eS	Sn	04 46 11.0 -0.9	
ICHU	Yijhu	2.11 219	eP	Pn	04 45 46.0 +0.5
ICHU	baz=218	eS	Sn	04 46 11.4 -1.2	
CHN1	Nanshi	2.12 211	P	Pn	04 45 46.6 +0.9
CHN1	baz=210	S	Sn	04 46 12.6 -0.3	
HATJ	Hateruma jima	2.12 116	eP	Pn	04 45 46.2 +0.6
HATJ	baz=210	eS	Sn	04 46 12.8 -0.1	
SGST	Jiashian	2.19 209	eP	Pn	04 45 46.6 +0.1
SGST	baz=207	eS	Sn	04 46 13.2 -1.1	
JKRS	Kuro-shima	2.22 110	P	Pn	04 45 47.4 +0.5
JKRS	baz=207	eS	Sn	04 46 13.9 -1.1	
SLGT	Liugui	2.24 206	eP	Pn	04 45 48.4 +1.2
SLGT	baz=211	eS	Sn	04 46 14.3 -0.2	

SLGT	baz=211	eS	Sn	04 46 15.3 -0.2	
TWG	Pinlang	2.26 195	eP	Pn	04 45 48.8 +1.4
TWG	baz=185	eS	Sn	04 46 15.4 -0.6	
TWGBT	Beinan	2.26 195	eP	Pn	04 45 49.0 +1.5
TWGBT	baz=185	eS	Sn	04 46 15.8 -0.2	
JJJ	Ishigaki jima	2.29 106	P	Pn	04 45 47.9 +0.1
JJJ	baz=185	S	Sn	04 46 14.4 -2.3	
LDUT	Ludao	2.34 186	eP	Pn	04 45 48.3 -0.1
LDUT	baz=189	eS	Sn	04 46 16.1 -1.7	
LYJJ	Jianjiangzhen	2.34 311	eP	Pn	04 45 48.3 -0.1
LYJJ	baz=310	eS	Sn	04 45 48.6 0.0	
XPSS	Dashiiju	2.36 325	eP	Pn	04 45 48.0 0.0
XPSS	baz=324	eS	Sn	04 46 17.4 -1.3	
TSCK	Chigu Township	2.38 219	eS	Sn	04 46 17.4 -1.3
TSCK	baz=218	eS	Sn	04 45 49.6 +0.6	
JISG	Ishigakijimahi	2.39 100	P	Pn	04 46 17.6 -1.2
JISG	baz=228	eS	Sn	04 45 50.2 +0.5	
PNG	Penghu	2.44 234	eP	Pn	04 46 17.9 -2.2
PNG	baz=228	eS	Sn	04 45 50.1 +0.2	
PHUB	P'eng-hu	2.46 233	eP	Pn	04 46 18.5 -2.0
PHUB	baz=232	eS	Sn	04 45 52.2 +1.7	
ECL	Tainan	2.50 196	eP	Pn	04 45 52.2 +1.7
ECL	baz=187	eS	Sn	04 46 21.8 +0.3	
WDGT	Dungji	2.57 228	eP	Pn	04 45 52.0 +0.7
WDGT	baz=232	eS	Sn	04 46 21.4 -1.4	
MASBT	Mashbuluo	2.59 203	eP	Pn	04 45 53.0 +1.4
MASBT	baz=211	eS	Sn	04 46 23.3 0.0	
MHZQ	Yeshan	2.66 295	eP	Pn	04 45 52.3 -0.2
MHZQ	baz=294	eS	Sn	04 45 54.6 +1.3	
JTJ	Tarama	2.73 97	P	Pn	04 46 27.0 +0.4
JTJ	baz=196	S	Sn	04 46 26.6 -0.3	
EAST	Anshuo	2.74 197	eP	Pn	04 45 54.9 +1.4
EAST	baz=196	eS	Sn	04 45 54.4 +0.7	
VCHM	Qimei	2.76 230	eP	Pn	04 45 54.4 +0.7
VCHM	baz=233	eS	Sn	04 46 25.5 -1.8	
VCHM	baz=233	eS	Sn	04 45	





ANMO	Albuquerque	8.59 151	P	Pn	06 19 14.5 -1.4
ANMO	Albuquerque	8.59 151	Pn	Pn	06 19 14.2 -1.7
ANMO	comp=N,0.1nm,0.3s,baz=350,slow=16,SNR=4.2	Lg	Lg		06 21 33.3
LRMO	Laurel Mtn Rad	8.61 210	P	Pn	06 19 18.3 +2.2
ISA	Isabella, Lake	8.82 226	P	Pn	06 19 22.2 +3.3
ARVC	Arvin	9.43 220	P	Pn	06 19 31.1 +4.0
BC3	Big Chuckawall	9.48 201	P	Pn	06 19 31.1 +3.2
PFO	Pinyon Flats O	9.81 205	Pn	Pn	06 19 34.3 +2.0
PFO	comp=N,0.1nm,0.3s,baz=317,slow=7.1,SNR=1.6	Lg	Lg		06 22 17.6
PFO	comp=N,0.1nm,0.3s,baz=317,slow=7.1,SNR=1.6	LR	LR		06 23 25.5
MDND	Maddock	9.86 54	P	Pn	06 19 33.8 +0.8
GLA	Glamis	9.91 197	P	Pn	06 19 37.3 +3.5
ECSD	EROS Data Cent	10.90 79	Pn	Pn	06 19 45.1 -2.1
ECSD	EROS Data Cent	10.90 79	Pn	Pn	06 19 45.2 -2.1
ECSD	EROS Data Cent	10.90 79	P	Pn	06 19 44.8 -2.5
F33A	5 Mile Ranch	11.35 68	Pn	Pn	06 19 49.5 -3.8
MNTX	Cornudas Mount	11.92 154	P	Pn	06 20 04.1 +2.8
MNTX	Cornudas Mount	11.92 154	P	Pn	06 20 04.3 +3.0
AGMN	Agassiz Nation	12.33 57	P	Pn	06 20 03.8 -3.0
AGMN	Agassiz Nation	12.33 57	P	Pn	06 20 03.9 -2.9
ULM	Lac du Bonnet	13.17 49	Pn	Pn	06 20 14.8 -3.4
ULM	comp=N,0.7nm,0.3s,baz=248,slow=11,SNR=12	Lg	Lg		06 23 56.9
ULM	comp=N,0.6nm,0.3s,baz=319,slow=22,SNR=3.5	LR	LR		06 26 25.5
F36A	Milaca	13.26 70	P	Pn	06 20 15.7 -3.8
SPMN	Marine on St.	13.70 73	P	Pn	06 20 21.4 -4.1
SPMN	Marine on St.	13.70 73	P	Pn	06 20 21.3 -4.1
TUL3	Leonard	13.85 114	P	Pn	06 20 26.4 -1.2
U38A	Gravette	14.54 109	P	Pn	06 20 34.2 -2.8
TX31	Lajitas Ar. Si	14.67 152	P	Pn	06 20 39.6 +0.7
TXAR	Lajitas Array	14.67 152	Pn	Pn	06 20 39.5 +0.6
TXAR	comp=N,0.1nm,0.3s,baz=340,slow=11,SNR=3.7	Lg	Lg		06 24 46.1
TXAR	baz=351,slow=27,SNR=2.9	LR	LR		06 25 48.7
S39A	Bolivar	14.71 103	P	Pn	06 20 36.1 -3.2
BBB	Bella Bella	14.76 316	Pn	P	06 20 43.2 -2.8
BBB	comp=N,0.1nm,0.3s,baz=130,slow=11,SNR=4.0	LR	LR		06 25 58.8
X37A	Clayton	14.90 117	P	Pn	06 20 43.1 +1.2
R40A	Maddies Statio	15.23 100	P	Pn	06 20 44.9 -1.4
U40A	Yellville	15.65 107	P	Pn	06 20 50.2 -1.7
U40A	baz=299	P	Pn		06 20 50.2 -1.7
Z38A	Mt. Pleasant	15.98 120	P	Pn	06 20 56.4 +0.2
Z38A	comp=Z,22nm,0.9s	IAMB	IAMB		06 21 12.6
CCM	Cathedral Cave	16.06 100	P	Pn	06 20 55.1 -2.1
CCM	Cathedral Cave	16.06 100	P	Pn	06 20 56.2 -0.9
MIAR	Mount Ida	16.12 114	P	Pn	06 20 55.5 -2.3
MIAR	Mount Ida	16.12 114	P	Pn	06 20 56.1 -1.8
L42A	Oliver, Polo	16.13 85	P	Pn	06 20 55.8 -2.2
WHM	Woolly Hollow	16.59 110	Pn	Pn	06 21 01.3 -2.6
T42A	Van Euren	16.60 103	P	Pn	06 21 03.0 -2.2
FVM	French Village	16.69 99	P	IAMB	06 21 17.1
HDIL	Hopedale	16.70 90	P	Pn	06 21 01.0 -4.3
WLAR	White Oak Lake	16.93 116	Pn	Pn	06 21 05.5 -2.7
GLAT	Glass	18.23 103	P	IAMB	06 21 22.5 -1.9
GLAT	comp=Z,27nm,1.0s	IAMB	IAMB		06 21 33.8
OXF	Oxford	19.01 108	P	Pn	06 21 34.1 +0.3
BIRD	Liard River Hi	19.09 337	P	Pn	06 21 37.0 +2.3
LRO	Bloomington	19.14 92	P	IAMB	06 21 31.8 -2.8
BLO	Bloomington	19.14 92	P	IAMB	06 21 45.8
KOTAN	Kotanelee Air	19.16 341	P	Pn	06 21 36.4 +1.0
N47A	Urbana	19.28 86	P	IAMB	06 21 31.7 -4.4
N47A	comp=Z,15nm,1.0s	IAMB	IAMB		06 21 38.6
DLBC	Dease Lake	19.35 102	P	P	06 21 34.9 -1.9
DLBC	Dease Lake	19.35 102	P	P	06 21 42.7 +1.3
DLBC	comp=Z,0.1nm,0.3s,baz=126,slow=12,SNR=3.8	Lg	Lg		06 27 30.4
DLBC	comp=Z,0.1nm,0.3s,baz=27,slow=25,SNR=1.8	LR	LR		06 30 32.3
PLAK	Pickwick Lake	19.71 105	P	P	06 21 39.3 -1.5
YLK	Yellowknife Ar	20.00 356	P	P	06 21 44.7 -0.7
YKA	comp=Z,4.8nm,1.1s	Lg	Lg		06 27 37.2
YKA	comp=Z,0.1nm,0.3s,baz=171,slow=26,SNR=1.5	LR	LR		06 30 03.3
R49A	Shelbyville	20.43 93	P	P	06 21 47.1 -1.5
R49A	comp=Z,12nm,0.8s	IAMB	IAMB		06 22 27.9
R33M	Jennings River	20.67 331	P	Pn	06 21 55.4 +1.9
R50A	Paris	21.06 93	P	IAMB	06 21 53.5 -1.9
R50A	comp=Z,24nm,1.4s	IAMB	IAMB		06 22 14.5
SWET	Sewanee	21.14 102	P	P	06 21 53.4 -2.9
SWET	comp=Z,8.8nm,0.8s	IAMB	IAMB		06 22 27.8
T50A	Nancy	21.15 96	P	P	06 21 53.4 -3.0
T50A	comp=Z,16nm,0.8s	IAMB	IAMB		06 22 06.8
TGNT	Hyland Airport	21.45 338	P	P	06 22 02.1 +2.6
LRAL	Lakeview Retre	21.50 108	P	P	06 22 01.2 +1.1
Q51A	Peebles	21.53 90	P	IAMB	06 21 58.2 -2.3
Q51A	comp=Z,17nm,0.9s	IAMB	IAMB		06 22 26.8
WRGLY	Wrigley	21.80 345	P	P	06 22 01.9 -1.3
WRGLY	Wrigley	21.80 345	P	P	06 22 08.8 +5.6
P33M	Teslin, Yukon	21.91 331	P	P	06 22 07.9 +3.5
V51A	Loudon	22.02 99	P	P	06 22 04.7 -1.1
P52A	Corning	22.22 88	P	P	06 22 05.3 -2.9
TZTN	Tazewell	22.29 96	IAMB	IAMB	06 22 05.3 -3.3
TZTN	baz=134	IAMB	IAMB		06 22 47.2
TKL	Tuckaleechee C	22.51 99	P	P	06 22 11.7 +0.7
TKL	comp=Z,4.1nm,0.7s,baz=314,slow=12,SNR=1.0	LR	LR		06 31 15.6

V52A	Sevierville	22.55 98	P	IAMB	06 22 09.1 -2.4
V52A	comp=Z,19nm,1.2s	IAMB	IAMB		06 22 30.3
N32M	Quiet Lake	22.66 332	P	P	06 22 11.0 -1.5
N32M	Quiet Lake	22.66 332	P	P	06 22 15.9 +3.4
O53A	New Philadelphia	22.74 86	P	P	06 22 15.0 +1.6
P53A	Whipple	22.83 88	P	P	06 22 17.5 +3.1
P53A	baz=288,SNR=7.0	P	P		06 22 17.5 +3.1
N53A	Lisbon	22.87 84	P	P	06 22 12.6 -2.2
MMPY	Sheldon Lake	23.18 337	P	P	06 22 20.8 +3.0
V53A	Saluda	23.20 98	P	IAMB	06 22 17.2 -1.1
V53A	comp=Z,12nm,0.9s	IAMB	IAMB		06 22 41.8
SADO	Sadow	23.39 74	LR	LR	06 32 03.0
O30N	Mendenhall	23.50 329	P	P	06 22 18.9 -2.1
MWCW	Mont Chateau	23.92 86	P	P	06 22 24.2 -1.1
JSC	Jenkinsville	24.97 99	P	LR	06 25 32.9 -2.0
INK	Inuvik	28.29 343	LR	LR	06 35 32.3
TEIG	comp=Z,174nm,20.1s,baz=179,slow=39	LR	LR		06 36 41.2
TEIG	Teplitz	29.65 132	LR	LR	06 33 09.3
KDAK	Kodiak Island	29.83 315	LR	LR	06 33 09.3
ILAR	Eielson Array	29.85 330	P	P	06 23 21.4 +3.0
ILAR	comp=Z,0.8nm,0.8s,baz=110,slow=9,SNR=7.7	LR	LR		06 35 34.3
D27M	Malcolm River	30.76 340	P	P	06 23 30.4 +3.9
H24K	Noodor Dome	30.76 331	P	P	06 23 30.2 +3.7
G24K	Hadweenzic Riv	31.08 333	P	P	06 23 32.3 +3.0
SCHO	Schefferville	31.33 51	P	P	06 23 33.9 +2.3
SCHO	comp=Z,2.4nm,0.6s,baz=261,slow=9.0,SNR=5.3	LR	LR		06 35 26.8
F24K	Squaw Lake	31.66 334	P	P	06 23 38.5 +4.1
C27K	Jago River	31.73 339	P	P	06 23 38.1 +3.2
D25K	Kavik River	31.26 338	P	P	06 23 42.9 +3.3
RES	Resolute Bay	33.03 8	LR	LR	06 37 15.1
H20K	Antoleneega Mo	33.20 328	P	P	06 23 51.3 +3.5
E22K	Anaktuvuk Pass	33.23 334	P	P	06 23 51.6 +3.2
JTS	Las Juntas de	39.66 137	LR	LR	06 43 07.2
SJG	San Juan	45.40 108	LR	LR	06 45 27.9
SHEM	Shemya Is	49.01 309	LR	LR	06 46 28.4
PCRV	Puerto La Cruz	52.00 114	LR	LR	06 48 42.1
JMIC	Jan Mayen	54.33 23	LR	LR	06 51 47.4
MA2	Magadan	58.00 324	LR	LR	06 55 31.5
TIXI	Tiksi	58.39 341	LR	LR	06 53 58.1
ARCES	ARCESS Array B	63.78 16	LR	LR	06 55 39.3
YAK	Yakutsk	64.73 333	LR	LR	06 59 07.8
NOA	NORSAR Array B	66.71 25	P	P	06 28 02.5 +0.4
NOA	comp=Z,3.3nm,1.1s,baz=313,slow=6.5,SNR=5.4	LR	LR		06 55 26.3
FINES	FINES Array B	70.73 20	P	P	06 28 28.9 +1.8
FINES	comp=Z,2.9nm,0.9s,baz=305,slow=4.9,SNR=2.0	LR	LR		06 58 40.1
ASAJ	Asahikawa	71.22 313	LR	LR	07 01 14.9
KLR	Kul'duk	73.06 332	LR	LR	07 02 12.0
DAVOX	Davos/Dischmat	76.92 37	LR	LR	07 03 08.6
VRAC	Vranov	77.75 92	LR	LR	07 04 54.4
KIRV	Kirov	77.92 10	LR	LR	07 05 33.3
OBN	Obninsk	78.91 18	LR	LR	07 05 01.6
AKASA	Malin Array B	80.44 24	P	P	06 29 26.7 +1.2
AKASA	comp=Z,0.8nm,0.6s,baz=331,slow=5.4,SNR=5.3	LR	LR		07 11 01.2
BDFB	Brasilia	82.11 120	LR	LR	07 11 01.2
ZALV	Zalesovo Beam	82.80 350	LR	LR	07 12 16.8
KSRS	Korea Array	83.72 316	LR	LR	07 08 26.6
SONM	Songino Array	83.93 335	LR	LR	07 11 36.9
BVAR	Borovoye Array	84.72 359	P	P	06 29 46.9 +1.7
CPUP	Villa Florida	84.80 133	LR	LR	07 14 50.7
KURBB	Kurchatov Arra	86.73 354	P	P	06 29 55.8 +0.6
AKTO	Aktuyubinsk	86.88 7	LR	LR	07 10 53.1
MKAR	Makanchi Array	90.14 351	P	P	06 30 11.8 +0.3
MKAR	comp=Z,1.2nm,0.8s,baz=349,slow=4.9,SNR=6.2	LR	LR		07 15 40.3
GUMO	Gumov	90.70 289	LR	LR	07 02 48.1
CO01	Kunigami	91.69 309	LR	LR	07 14 16.4
JOW	Urumqi	92.25 346	eP	eP	06 30 21.7 +0.3
IDI	Anoyie	92.81 34	LR	LR	07 13 19.4

NEIC 04 06:18:14.6:2.0,59:41S:0:10x25:7W:0:2,h35km:1km,mb5:0/72,Error ellipse: s-maj=19.0km s-min=14.3km az=230.0

IDC 04 06:18:25.9:3.5,59:45S:26:07W,h135km:31km,mb4.0/11,mbmpd:4/11,MS3:7/18,Error ellipse: s-maj=18.3km s-min=13.5km az=30.0

ISC 04 06:18:15.0:0.4,59:47S:0:06:25:82W:0:07,h40km,n144,0:168/135,mb4.9/42,MS3.7/17,2C-8D,South Sandwich

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
HOPE	Hope Point	7.81	307	Op	ISC	
ORCD	Orcadas	9.53	254	Pn	Pn	06 20 05.2 -0.7
VNA1	Neumayer-Stat	13.37	154	↑P	Pn	06 21 21.7 0.0
VNA1	comp=Z,9.2nm,0.2s	↓S	Sn		06 23 42.0 -6.7	
VNA3	Neumayer Olymp	13.53	157	↑P	Pn	06 21 23.2 -0.9
VNA3	comp=Z,56nm,0.2s	↓S	Sn		06 23 38.3 -1.4	
VNA2	comp=Z,10nm,0.3s	↑S	Pn		06 21 26.2 -1.0	
VNA2	Neumayer-Watz	13.77	154	↑P	Pn	06 21 27.9 -1.1
VNA2	comp=Z,66nm,0.2s,baz=319,slow=13	↑S	Sn		06 23 46.9 -1.1	
SNA4	comp=Z,20nm,0.6s,baz=319,slow=23	Pn	Pn		06 21 48.3 -0.1	
SNA4	Sanaz	15.34	152	↑P	IAMB	06 21 49.5
SNA4	Sanaz	15.34	152	↑P	P	06 21 48.2 -0.1
SNA4	comp=Z,29nm,0.3s	↓S	Sn		06 24 25.6 -1.1	

SNA4	Sanaz	15.34	152	P	Pn	06 21 48.3 -0.1
SNA4	comp=Z,69nm,0.4s,baz=320,slow=16,SNR=25.4	S	Sn		06 24 26.1 -1.1	
SNA4	comp=Z,17nm,0.7s,baz=319,slow=21,SNR=9.3	LR	LR		06 25 51.4	
TROLL	Troll, Antarti	16.89 149	↑P	Pn	06 22 08.1 0.0	
TROLL	comp=Z,979nm,0.4s	↑S	Sn		06 25 01.7 -1.3	
PMSA	Palmer Station	18.42 237	P	P	06 22 26.2 -0.2	
BELA	Belgrano 2	18.73 186	P	Pn	06 22 30.6 +0.2	
EFI	East Falkland	19.66 279	P	Pn	06 22 40.7 -1.0	
SMAI	comp=Z,95nm,1.1s	IAMB	IAMB		06 22 44.6	
SMAI	San Martin Ant	19.79 227	P	IAMB	06 22 41.9 +0.5	
MG01	Puerto William	22.80 263	P	P	06 23 14.8 +1.0	
USHA	Ushuaia	23.26 263	P	P	06 23	



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LKWY Lake, BSUT Blindstream Ca, YNR Norris Junction, YHL Holmes Hill, YHL Hebgen Lake, YHL Mirror Lake Pl, YHL Hailey, YHL Maple Canyon, YHL Dugway, YHL Tooele, YHL Yellowstone N, YHL North Lily M, YHL Dillon, YHL Red Lodge, YHL Rawlins, YHL Trail Mountain, YHL Elko, YHL Chamberlain Mo, YHL Pilot Hill, YHL Blue Mountains, YHL Battle Mountai, YHL Mina Array Bea, YHL Albuquerque, YHL Lac du Bonnet, YHL Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GRRI Grays Lake, AHID Auburn Hatcher, ECR Eagle Creek, BEI Bear River Ran, L17A Cokeville, MLJ Malad Range, REDW Red Top Meadow, HDU Hyde Park, NPI North Pocatell, FXWY Fox Creek, HWUT Hardware Ranch, HWUT 444nm.0.6s, HWUT 409nm.0.7s, YWUT Wellville, YWUT Monte Cristo P, LUT Little Mountai, MOOW Moose Ponds, HWU Indian Meadow, IMW 792nm.0.5s, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR 13nm.0.3s, SPUT South Promonto, SPUT 26nm.0.3s, TCUT Toone Canyon, BGU Big Grassy Mou, BGU 194nm.0.7s, YHL Hebgen Lake, YHL Hailey, YHL Chamberlain Mo, YHL Pilot Hill, YHL Blue Mountains, YHL Battle Mountai, YHL Mina Array Bea, YHL Albuquerque, YHL Lac du Bonnet, YHL Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BOZ Bozeman (W), RLMT Red Lodge, P18A Preston Nutter, P18A comp=E,92nm,0.7s, MFID Camas Ranch, MFID comp=N,118nm,1.1s, RWWY Rawlins, TMUT Trail Mountain, TMUT comp=E,101nm,0.7s, TMUT comp=N,108nm,0.7s, ELK Elko, ELK comp=N,35nm,0.9s, ELK comp=N,1.2nm,0.3s, O20A White River Ci, SRU San Rafael Sve, SRU comp=N,100nm,0.6s, K22A Casper, K22A comp=E,104nm,0.7s, ELMT Black Pine Rid, PLID Black Pearl Lake, PLID comp=E,25nm,0.9s, TCRU Three Creeks R, TCRU comp=N,25nm,1.0s, MVU Marysvale, SPR3 Spring Creek 3, SPR3 comp=N,25nm,0.9s, CHMT Chamberlain Mo, PSUT Pine Spring, PSUT comp=N,17nm,0.7s, N23A Red Feather La, MSO Missoula, MSO comp=E,22nm,0.9s, MSO comp=E,17nm,1.1s, OVMT Ovando, PHWY Pilot Hill, HMU Henry Mountain, BMO Blue Mountains, BMO comp=E,16nm,1.6s, BMO comp=E,22nm,1.7s, BMN Battle Mountai, BMN comp=E,20nm,1.8s, BMN comp=N,18nm,1.5s, PKCU Pink Cliffs, PKCU comp=N,19nm,4.2s, PKCU comp=N,26nm,3.9s, WVOR Wild Horse Val, WVOR comp=E,22nm,1.6s, WVOR comp=E,20nm,1.3s, CCUT Cedar City, MVCO Mesa Verde, S22A 300 Ranch, Cre, KVN Kaiserville, U15A North Rim, NV11 Mina Array Sit, NV11 Mina Array Bea, NV11 Mina Array Bea, NVAR Mina Array Bea, NEW Newport, YERR Yerington, GMM Gold Mountain, ANMO Albuquerque, TXAR Lajitas Array, TXAR comp=E,0.3nm,0.7s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR 4.3nm,0.9s, NEIC 04 07:27:35.1+1.4, UUSS 04 07:27:35.0+5.4, Code Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GRRI Grays Lake, AHID Auburn Hatcher, AHID 1µm,0.5s, AHID 1µm,0.5s, ECR Eagle Creek, BEI Bear River Ran, L17A Cokeville, MLJ Malad Range, REDW Red Top Meadow, HDU Hyde Park, NPI North Pocatell, PTU Portage, FXWY Fox Creek, HWUT Hardware Ranch, HWUT Moose Ponds, IMW Indian Meadow, IMW 132nm.0.6s, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR 13nm.0.3s, SPUT South Promonto, SPUT 26nm.0.3s, TCUT Toone Canyon, BGU Big Grassy Mou, BGU 194nm.0.7s, YHL Hebgen Lake, YHL Hailey, YHL Chamberlain Mo, YHL Pilot Hill, YHL Blue Mountains, YHL Battle Mountai, YHL Mina Array Bea, YHL Albuquerque, YHL Lac du Bonnet, YHL Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GRRI Grays Lake, AHID Auburn Hatcher, ECR Eagle Creek, BEI Bear River Ran, L17A Cokeville, MLJ Malad Range, REDW Red Top Meadow, HDU Hyde Park, NPI North Pocatell, PTU Portage, FXWY Fox Creek, HWUT Hardware Ranch, HWUT 444nm.0.6s, HWUT 409nm.0.7s, YWUT Wellville, YWUT Monte Cristo P, LUT Little Mountai, MOOW Moose Ponds, HWU Indian Meadow, IMW 792nm.0.5s, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR 13nm.0.3s, SPUT South Promonto, SPUT 26nm.0.3s, TCUT Toone Canyon, BGU Big Grassy Mou, BGU 194nm.0.7s, YHL Hebgen Lake, YHL Hailey, YHL Chamberlain Mo, YHL Pilot Hill, YHL Blue Mountains, YHL Battle Mountai, YHL Mina Array Bea, YHL Albuquerque, YHL Lac du Bonnet, YHL Lajitas Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NEIC 04 07:35.1+1.4, UUSS 04 07:27:35.0+5.4, Code Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, AFI Afiamalu, MSFV Nonnavu, RAR Rarotonga, MARNC Mare, Loyalty, LIFNC LIFOU, LIFNC 4.7nm,0.9s, DZM Mont Dzumac, DZM 1.06nm,25.0s, DZM Mont Dzumac, DZM 1.09nm,26.1s, DZM 1.09nm,26.1s, TBI Tubuai, PPT2 Papeete2, RPZ Rata Peaks, HNR Honiara, ARMA Armidale, EIDS Eidsvoll, CAN Canberra, CTAO Charters Tower, CTAO comp=Z,8.6nm,1.1s, TOO Toolangi, TOO 2.28nm,1.4s, STKA Stephens Creek, STKA 31.2nm,24.5s, WRO Warrungarra Arr, WRO 4.4nm,0.9s, ASAR Alice Springs, ASAR 48.9nm,25.6s, ASAR Alice Springs, ASAR 2.2nm,0.8s.











NWAO	comp=Z,37nm,0.9s,baz=194,slow=5.6,SNR=14	LR	LR	08 53 25.2	
MLBS	comp=Z,4um,20.3s,baz=210,slow=33				
AAE	Spotswood, Mel	84.42	172	P	08 20 05.6 +1.0
AAE	Adis Abeba	84.45	64	eS	08 30 32.5 +3.0
AAE				IAMs_20	08 53 14.6
AAE	comp=N,34um,22.4s, baz=75	84.45	64	eP	08 20 07.7 +2.4
AAE	baz=75			eS	08 30 32.5 +3.0
AAE	comp=N,34um,22.4s, baz=75			IAMs_20	08 53 14.6
AAE	Adis Abeba	84.45	64	eP	08 20 07.7 +2.4
AAE	baz=60			eS	08 30 32.5 +3.0
AAE	comp=N,34um,22.4s, baz=60			IAMs_20	08 53 14.6
WLRA	Wolmera	84.48	63	eP	08 20 09.6 +4.1
WLRA	baz=75			eS	08 30 23.5 -6.4
WLRA	Wolmera	84.48	63	eP	08 20 09.6 +4.1
WLRA	baz=60			eS	08 30 23.5 -6.4
GRD1	Great Renaisa	84.54	59	eP	08 20 07.2 +1.8
GRD1	baz=71			eS	08 30 39.5 +1.0
GRD1	Great Renaisa	84.54	59	eP	08 20 07.2 +1.8
GRD1	baz=56			eS	08 30 39.5 +1.0
BRAT	Ballarat	84.63	172	P	08 20 06.3 +0.7
TOO	Tooolangi	84.72	173	P	08 20 06.6 +0.4
TOO	comp=Z,116nm,0.9s			IAMB	08 20 06.1 -0.1
TOO	Tooolangi	84.72	173	P	08 20 06.6 +0.4
TOO	comp=Z,116nm,1.0s			pmx	08 20 06.1 -0.1
TOO	Tooolangi	84.72	173	↑P	08 20 06.1 -0.1
ACON	Acoyapa	84.72	302	P	08 20 05.0 -1.3
ACON	Acoyapa	84.72	302	eP	08 20 05.1 -1.1
MUN	Mundaring	85.02	148	P	08 20 06.3 -1.4
MUN	baz=85,SNR=46				
MUN	Mundaring	85.02	148	P	08 20 07.6 -0.1
WCZ	Waipu Caves	85.13	196	P	08 20 06.6 -1.6
ARPS	Mount Arapiles	85.22	170	P	08 20 08.6 0.0
ARPS	baz=85,SNR=10				
ARPS	Mount Arapiles	85.22	170	P	08 20 08.5 -0.2
SDDR	Presa de Saban	85.32	317	IAMB	08 20 15.0
SDDR	comp=Z,150nm,1.0s			IAMB	08 57 12.2
SDDR	Presa de Saban	85.32	317	eP	08 20 08.3 -0.9
SDDR	Presa de Saban	85.32	317	↑P	08 20 08.5 -0.8
BOAB	BOACO BROADBAND	85.37	302	P	08 20 08.3 -1.2
BOAB	BOACO BROADBAND	85.37	302	↑P	08 20 08.3 -1.2
BOAB	comp=Z,4um,20.0s			IAMs_20	08 57 38.2
BOAB	BOACO BROADBAND	85.37	302	↑P	08 20 08.2 -1.2
MILA	Mila	85.42	176	P	08 20 10.2 +0.5
MILA	baz=85,SNR=20				
MILA	Mila	85.42	176	P	08 20 10.6 +0.8
MILA	Mila	85.42	176	↑P	08 20 10.3 +0.6
KLBR	Kellerberrin	85.81	149	P	08 20 11.3 -0.4
KLBR	baz=86,SNR=6.7				
KLBR	Kellerberrin	85.81	149	P	08 20 11.8 +0.1
MATN	Matagalpa	85.91	302	IAMB	08 20 14.2
EOSO	Osorio	85.94	9	P	08 20 12.3 +0.2
EOSO	Omahuta	85.95	196	IAMB	08 53 38.4
OUZ	Omahuta	85.95	196	P	08 20 11.8 -0.4
OUZ	Omahuta	85.95	196	↑P	08 20 11.8 -0.4
MACI	Morro de la Ar	86.04	8	P	08 20 10.9 -1.9
MACI				IAMB	08 22 34.8
CRIN	comp=Z,181nm,1.3s			IAMB	08 20 45.4
CRIN	San Cristobal	86.22	301	IAMB	08 20 45.4
CRIN	comp=Z,114nm,0.9s				
BLDU	Ballidu	86.44	148	P	08 20 14.5 -0.3
BLDU	baz=86,SNR=24				
BLDU	Ballidu	86.44	148	P	08 20 14.6 -0.3
TBI	Tubuaji	86.62	230	eP	08 20 14.9 -0.9
TBI	comp=Z,6um,27.5s			PP	08 23 45.9 +8.6
TBI	Tubuaji	86.62	230	ePP	08 23 45.9 +8.6
TBI	comp=Z,2um,27.2s				
TBI	comp=Z,9um,27.0s			eS	08 30 40.1 +0.2
TBI	Tubuaji	86.62	230	eLR	08 47 39.5
TBI	comp=Z,49um,21.0s			eLR	08 47 57.3
JAWL	J.Aulia	87.00	55	iP	08 20 18.6 +1.0
JAWL	baz=175,slow=14				
MTDJ	Mount Denham	87.03	312	eP	08 20 16.6 -1.1
MTDJ	Mount Denham	87.03	312	P	08 20 18.0 +0.3
MTDJ	Mount Denham	87.03	312	↑P	08 20 18.5 +0.8
KMBL	Kambalda	87.09	153	P	08 20 18.0 0.0
KMBL	baz=87,SNR=25				
KMBL	Kambalda	87.09	153	P	08 20 18.0 0.0
CAN	Canberra	87.14	176	P	08 20 17.7 -0.6
CAN	Canberra	87.14	176	P	08 20 19.1 +0.9
CAN	Canberra	87.14	176	P	08 20 17.7 -0.6
CAN	comp=Z,81nm,1.0s			pmx	08 20 17.7 -0.6
CAN	Canberra	87.14	176	↑P	08 20 17.9 -0.3
CAN	Canberra Magne	87.17	176	P	08 20 18.6 +0.2
CAN	baz=87,SNR=12				
CAN	Canberra Magne	87.17	176	P	08 20 19.3 +0.9
CAN	Canberra Magne	87.17	176	P	08 20 19.0 -1.1
GTUH	Teguigalpa,Un	87.51	301	IAMB	08 20 22.2
GTUH	comp=Z,212nm,1.2s				
GTUH	Teguigalpa,Un	87.51	301	eP	08 20 20.7 +0.5
GTUH	Teguigalpa,Un	87.51	301	P	08 20 19.1 -1.1
GRTK	Grand Turk	87.59	318	P	08 20 18.9 -1.3
GRTK	Grand Turk	87.59	318	↑P	08 20 21.0 +0.8
GTBY	Guantanamo Bay	87.61	314	P	08 20 21.2 +0.9
GTBY	comp=Z,5um,22.0s			IAMs_20	08 58 19.9
GTBY	Guantanamo Bay	87.61	314	eP	08 20 21.8 +1.5
GTBY	Guantanamo Bay	87.61	314	↑P	08 20 20.3 0.0
MORW	Morawa	87.70	147	P	08 20 19.9 -1.0
MORW	baz=88,SNR=9.8				
MORW	Morawa	87.70	147	P	08 20 19.6 -1.3
MORW	comp=Z,65nm,1.0s			IAMB	08 20 21.7
MORW	Morawa	87.70	147	P	08 20 20.6 -0.4
MORW	Morawa	87.70	147	↑P	08 20 20.1 -0.9
TEND	Ethiopian Broa	87.92	64	eP	08 20 24.2 +2.2
TEND	baz=75			eS	08 30 53.1 +5.4
TEND	Ethiopian Broa	87.92	64	eP	08 20 24.2 +2.2
TEND	baz=61			eS	08 30 53.1 +5.4
SNET	Serv Nac Est T	88.09	299	P	08 20 22.0 -0.9
SNET	comp=Z,133nm,0.9s			IAMB	08 20 24.7
DGAR	Diego Garcia	88.10	101	P	08 20 24.2 +1.2
DGAR				S	08 30 48.0 -1.0
HTT	Hallett	88.22	167	P	08 20 23.2 -0.2
HTT	baz=88,SNR=18				
HTT	Hallett	88.22	167	P	08 20 23.8 +0.4
HTT	Hallett	88.22	167	↑P	08 20 23.4 0.0
BBOO	Buckleboo	88.45	165	P	08 20 23.5 -0.9
BBOO	baz=88,SNR=20				
BBOO	Buckleboo	88.45	165	P	08 20 23.6 -0.9
BBOO	comp=Z,131nm,0.9s			IAMB	08 20 25.8
BBOO	Buckleboo	88.45	165	P	08 20 24.4 -0.1
ATD	Arta Tunnel	88.59	66	eP	08 20 26.7 +1.4
ATD	Arta Tunnel	88.59	66	eS	08 30 31.3 -1.3
ATD	Arta Tunnel	88.59	66	P	08 20 28.5 +3.3

ATD	Arta Tunnel	88.59	66	LR	08 30 57.0 +5.2
ATD	Arta Tunnel	88.59	66	eP	08 58 10.4
ATD	Arta Tunnel	88.59	66	P	08 20 26.7 +1.4
ATD	Arta Tunnel	88.59	66	eS	08 30 53.1 +1.3
ATD	Arta Tunnel	88.59	66	P	08 20 26.7 +1.4
ATD	Arta Tunnel	88.59	66	eS	08 30 53.1 +1.3
RIV	Riverview	88.70	177	P	08 20 27.0 +1.4
RIV	baz=89,SNR=4.5				
RIV	Riverview	88.70	177	P	08 20 26.1 +0.5
SYDH	Sydney Hard Ro	88.76	177	P	08 20 27.0 +1.1
MTO3	Montecristo	88.78	300	P	08 20 25.5 -0.8
ESQI	Esquipulas	88.91	300	P	08 20 25.9 -0.9
FORT	Forrest	89.05	158	P	08 20 26.8 -0.4
FORT	baz=89,SNR=32				
FORT	Forrest	89.05	158	IAMB	08 53 37.9
FORT	Forrest	89.05	158	P	08 20 27.7 +0.4
FORT	Forrest	89.05	158	↑P	08 20 26.9 -0.4
ZGR	Zagora	89.17	17	P	08 20 31.0 +3.3
MGCD	Mangrove Creek	89.32	177	P	08 20 29.5 +1.0
MGCD	baz=89,SNR=13				
MGCD	Mangrove Creek	89.32	177	P	08 20 29.7 +1.2
TIO	Tio	89.32	177	P	08 21 17.1 +1.5
OUMZ	Ouz	89.77	16	P	08 20 33.0 +2.5
OUMZ	Ouz	89.77	16	P	08 20 35.0 +3.7
STKA	Stephens Creek	90.05	169	P	08 20 31.4 -0.6
STKA	Stephens Creek	90.05	169	P	08 20 30.1 -1.9
STKA	Stephens Creek	90.05	169	P	08 20 32.2 +0.3
STKA	Stephens Creek	90.05	169	iP	08 20 31.4 -0.6
STKA	Stephens Creek	90.05	169	P	08 20 32.3 +0.3
STKA	Stephens Creek	90.05	169	P	08 20 32.3 +0.3
STKA	comp=Z,4um,18.2s, baz=190,slow=3.6			LR	09 00 59.5
RAO	Raoul Island	90.22	204	LR	08 56 14.4
RAO	comp=Z,1um,19.6s, baz=162,slow=32				
PMAR	PMAR	90.46	7	eP	08 20 37.1 +3.4
PMAR	comp=Z,200nm,1.4s				
PMOZ	Porto Moniz, M	90.54	7	eP	08 20 36.9 +3.0
PMOZ	comp=Z,174nm,1.7s				
PMOZ	Porto Moniz, M	90.54	7	eS	08 31 14.7 -1.2
PMOZ	Porto Moniz, M	90.54	7	eLR	08 48 58.5
PMOZ	Porto Moniz, M	90.54	7	P	08 20 36.7 +2.8
HUEH	Huehuetenango	90.58	298	P	08 20 34.2 -0.5
HUEH	comp=Z,166nm,1.0s			IAMB	08 20 36.5
MULG	Mulgathing	90.63	163	P	08 20 35.0 +0.3
ARF	Arif	90.69	18	P	08 20 38.0 +3.3
CMSA	Cobar Meteorol	90.73	173	P	08 20 35.0 -0.1
CMSA	baz=91,SNR=28				
MEEK	Meekatharra	90.73	148	P	08 20 34.5 -0.7
MEEK	baz=91,SNR=22				
MEEK	Meekatharra	90.73	148	P	08 20 35.1 -0.2
PMPTP	Porto Santo, M	90.85	8	eP	08 20 38.5 +3.2
PMPTP	comp=Z,93nm,1.3s				
LCKR	Leigh Creek	91.07	166	P	08 20 37.1 +0.4
HMAD	Nubian desert	91.29	54	iP	08 20 37.8 +0.1
HMAD	baz=11,slow=8.6				
CCIG	Comitan	91.71	298	↑P	08 20 40.1 +0.2
CCIG	comp=Z,1um,25.8s			PcP	08 20 40.3 -0.4
PPT2	Papeete2	91.81	232	eP	08 20 35.5 -4.9
PPT2	Papeete2	91.81	232	ePP	08 24 22.2 +3.3
PPT2	comp=Z,690nm,25.2s				
PPT2	Papeete2	91.81	232	eS	08 31 29.3 -1.0
PPT2	comp=Z,3um,30.5s				
PPT2	Papeete2	91.81	232	eLR	08 49 56.4
PPT2	comp=Z,19um,24.1s			eLR	08 50 03.6
PPT2	comp=Z,13um,25.5s				
PPT2	Papeete	91.82	232	LR	08 53 46.4
PPT2	comp=Z,6um,20.1s, baz=154,slow=30				
FIGM	Figueras	91.89	21	P	08 20 43.0 +2.7
MDT	Middelt	91.97	18	LR	08 20 44.2 +3.6
MDT	Middelt	91.97	18	LR	08 56 48.9
MDT	Middelt	91.97	18	LR	08 56 48.9
AVE	Averroes	92.02	15	IAMB	08 58 09.7
AVE	comp=Z,1um,19.0s				
AVE	Averroes	92.02	15	P	08 20 41.8 +1.1
ARMA	Armidale	92.11	178	P	08 20 41.6 -0.1
ARMA	baz=92,SNR=5.6				
ARMA	Armidale	92.11	178	P	08 20 41.7 0.0
ARMA	Armidale	92.11	178	IAMB	08 20 43.6
ARMA	comp=Z,52nm,1.2s			IAMB	09 03 51.1
ARMA	Armidale	92.11	178	P	08 20 42.3 +0.6
ARMA	Armidale	92.11	178	↑P	08 20 42.5 +0.8
CZD	Col de Zad	92.11	17	P	08 20 46.0 +4.5
ZHG	ZHG	92.28	16	P	08 20 45.0 +3.0
RAR	Rarotonga	92.53	222	LR	08 57 48.1
RAR	comp=Z,1um,18.1s, baz=192,slow=32				
LCRM	LCR	92.78	17	P	08 20 48.0 +3.6
GIRL	Giralda	93.17	143	P	08 20 4

WRA	comp=Z,14nm,1.1s,baz=190,slow=6.7,SNR=6.0	PKKPPdf	08 37 34.0	-1.2
WRA	comp=Z,5.5nm,0.9s,baz=4.6,slow=3.2,SNR=16	PKKPPdf	08 45 47.7	-8.1
WRAB	comp=Z,4.5nm,1.2s,baz=155,slow=2.4,SNR=6.1	PKKPPdf	08 21 20.1	-1.0
WRAB	comp=Z,19nm,1.0s	pmax	08 21 20.6	-0.5
WRAB	100.81 161	pmax	08 21 21.0	-1.0
WRAB	101.00 166	P	08 21 20.6	-0.5
WRAB	101.00 166	P	08 21 21.0	-1.0
LIFNC	LIFOU	IAMS_20	IAMS_20	09 08 15.6
255A	comp=Z,2.0m,18.0s	P	Pdfif	08 21 23.8 +1.3
Hazlehurst	baz=153	P	Pdfif	08 21 23.7 +1.2
TIGA	Tifton	P	Pdfif	08 21 24.0 +1.4
TIGA	Tifton	P	Pdfif	08 21 25.4 +2.1
NHSC	New Hope	P	Pdfif	08 21 24.4 +1.2
NHSC	New Hope	P	Pdfif	08 21 24.4 +1.2
KOUNC	Koumac, New Ca	IAMS_20	IAMS_20	09 08 31.4
352A	Blakely	P	Pdfif	08 21 26.2 +1.1
CTA	Charters Tower	P	Pdfif	08 21 27.7 +0.7
CTA	Charters Tower	PP	PP	08 25 34.5 -3.4
CTA	Charters Tower	PP	PP	08 21 27.6 +0.5
X58A	Rowland	P	Pdfif	08 21 29.1 +1.5
X58A	Rowland	P	Pdfif	08 21 29.1 +1.5
BRAL	Brewton	IAMS_20	IAMS_20	09 11 16.8
BRAL	Brewton	P	Pdfif	08 21 29.4 +1.6
CNNC	Cliffs of the	P	Pdfif	08 21 29.9 +1.9
152A	Waverly Hall	P	Pdfif	08 21 30.1 +0.7
250A	Grady	P	Pdfif	08 21 29.7 +0.3
GOGA	Godfrey	IAMS_20	IAMS_20	09 09 22.8
GOGA	Godfrey	P	Pdfif	08 21 31.2 +1.1
GOGA	Godfrey	P	Pdfif	08 21 31.2 +1.1
GOGA	Godfrey	P	Pdfif	08 21 31.2 +1.1
W57A	Gilead	P	Pdfif	08 21 33.3 +2.2
W57A	Gilead	P	Pdfif	08 21 33.3 +2.2
U59A	Littleton	P	Pdfif	08 21 33.9 +1.6
U59A	Littleton	P	Pdfif	08 21 33.9 +1.6
Z51A	Franklin	P	Pdfif	08 21 33.6 +1.0
Y52A	Liburn	P	Pdfif	08 21 34.2 +1.3
Y52A	Liburn	P	Pdfif	08 21 34.2 +1.3
KMSC	Kings Mountain	P	Pdfif	08 21 34.2 +1.0
T60A	Surry	P	Pdfif	08 21 35.8 +2.0
T60A	Surry	P	Pdfif	08 21 35.8 +2.0
LRAL	Lakeview Retre	IAMS_20	IAMS_20	09 10 11.5
LRAL	Lakeview Retre	P	Pdfif	08 21 35.7 +0.9
LRAL	Lakeview Retre	P	Pdfif	08 21 36.0 +1.2
146A	Union	P	Pdfif	08 21 38.5 +1.4
Z47A	Carrollton	P	Pdfif	08 21 38.6 +1.2
TKL	Tuckaleechee C	PP	PP	08 25 58.3 -2.4
TKL	Tuckaleechee C	PP	PP	08 25 58.3 -2.4
AJN	Ajban	PP	PP	08 26 11.2 +5.9
AJN	Ajban	PP	PP	08 26 11.2 +5.9
TSZD	Tazewell	IAMS_20	IAMS_20	09 07 06.8
ASHO	Ashush, Dub	PKIKP	PP	08 26 12.3 +5.3
M65A	Busby, Falmout	IAMS_20	IAMS_20	09 06 33.5
SOHO	SOHO	PKIKP	PP	08 26 07.9 -0.5
FAQ	Al Faqa, Dubai	PKIKP	PKIKP	08 26 00.7 +4.6
PLAL	Pickwick Lake	IAMS_20	IAMS_20	09 09 55.8
ASHO	Ashyah	PKIKP	PP	08 26 13.5 +3.4
WSPST	Westport, CT	IAMS_20	IAMS_20	09 09 04.6
NAZ	Nazwa, Dubai	PKIKP	PP	08 26 14.2 +3.8
YLE	Yale	IAMS_20	IAMS_20	09 05 30.9
HATD	Hatta, Dubai	PKIKP	PP	08 26 12.6 +1.5
BRYW	Bryant College	IAMS_20	IAMS_20	09 07 12.1
UOSS	Masafiz	PKIKP	PKIKP	08 26 01.4 +4.5
BCX	Boston College	IAMS_20	IAMS_20	09 06 58.3
UMQ	Umm Al-Quwin	PKIKP	PP	08 26 20.1 +6.4
WES	Weston	IAMS_20	IAMS_20	09 08 35.7
MSFE	Esma-Masafi	PKIKP	PP	08 26 20.1 +5.6
HRV	Adam Dziewonski	IAMS_20	IAMS_20	09 07 28.5
WVY	Waverly	IAMS_20	IAMS_20	09 10 06.5
QUA2	Belchertown	IAMS_20	IAMS_20	09 05 12.4
MTN	Nantton Dam	IAMS_20	IAMS_20	09 09 55.4
L61B	Northampton	IAMS_20	IAMS_20	09 08 10.1
L61B	Northampton	PP	PP	08 26 18.8 +1.4
SSPA	Standing Stone	PP	PP	08 26 18.2 +0.6
JCT	Junction City	PP	PP	08 21 54.3 +4.1
SHME	Shamm	PKIKP	PP	08 26 23.5 +5.0
WHTX	Lake Whitney,	PP	PP	08 26 21.6 +1.7
TRY	Troy	IAMS_20	IAMS_20	09 06 24.9
EMMV	East Mchias	IAMS_20	IAMS_20	09 07 09.4
FFD	Franklin Falls	IAMS_20	IAMS_20	09 07 32.6
COEN	Coen	IAMS_20	IAMS_20	09 08 46.8
P52A	Corning	PP	PP	08 26 22.3 +0.3
CLF	Chambon-Foret	IAMS_20	IAMS_20	09 05 56.9
BINY	Binghamton	IAMS_20	IAMS_20	09 07 59.5
BINY	Binghamton	PP	PP	08 26 24.5 +1.2
O53A	New Philadelph	PP	PP	08 26 23.7 +0.1
WCI	Wyandotte Cave	IAMS_20	IAMS_20	09 13 12.7
WCI	Wyandotte Cave	PP	PP	08 26 23.5 -0.9
DAVOX	Davos/Dischmat	PKIKP	PKIKP	08 25 59.6 -0.1
TXAR	Lajitas Array	Pdfif	Pdfif	08 21 54.4 +0.2
TXAR	Lajitas Array	PKIKP	PKIKP	08 25 59.5 -0.6
TXAR	Lajitas Array	PKKPPbc	PKKPPbc	08 37 11.4 +2.2
TXAR	Lajitas Array	PKKPPbc	PKKPPbc	08 37 11.4 +2.2
HNH	Hanover	IAMS_20	IAMS_20	09 09 31.2
WVL	Waterville	IAMS_20	IAMS_20	09 09 09.0
FETA	Feichten	Pdfif	Pdfif	08 21 59.9 +4.3

FETA	comp=Z,4.2nm,0.9s	i PKIKP	PKIKP	08 26 00.7 +0.3
FETA	comp=Z,4.4nm,1.0s	ePKKP	PKKPPbc	08 37 12.3 +3.6
LBNH	Lisbon	IAMS_20	IAMS_20	09 09 20.3
DAVA	Damuels	Pdfif	Pdfif	08 21 57.5 +1.7
DAVA	Damuels	i PKIKP	PKIKP	08 26 01.8 +1.3
DAVA	Damuels	ePKKP	PKKPPbc	08 37 07.1 -1.4
ACSO	Alu Creek Sta	PP	PP	08 26 27.9 -0.2
P49A	Miami Univ. Ec	IAMS_20	IAMS_20	09 11 28.8
P49A	Miami Univ. Ec	PP	PP	08 26 27.4 -0.9
ANTO	Ankara	IAMS_20	IAMS_20	09 09 26.1
ABTA	Abfaltersbach	Pdfif	Pdfif	08 22 10.5 +4.8
ABTA	Abfaltersbach	ePKKP	PKKPPbc	08 37 10.9 +2.8
PKME	Peaks-Kenny Pk	IAMS_20	IAMS_20	09 08 53.3
SQTA	Sankt Quirin	Pdfif	Pdfif	08 21 59.1 +2.3
SQTA	Sankt Quirin	ePKKP	PKIKP	08 26 02.0 +1.1
SQTA	Sankt Quirin	ePKKP	PKKPPbc	08 37 07.1 -0.5
M53A	WI Miller and	PP	PP	08 26 29.4 -0.4
MYKA	Terra Mystica	PKIKP	PKIKP	08 26 01.5 +0.5
MYKA	Terra Mystica	ePKKP	PKKPPbc	08 37 07.1 -0.4
VTI	Waterbury	IAMS_20	IAMS_20	09 09 51.7
BRTR	Keskin Array B	Pdfif	Pdfif	08 22 00.4 +3.1
BRTR	Keskin Array B	PKIKP	PKIKP	08 26 01.0 -0.3
BRTR	Keskin Array B	PP	PP	08 26 34.1 +3.7
BRTR	Keskin Array B	PKKPPbc	PKKPPbc	08 37 08.2 +1.0
ECH	Ech	IAMS_20	IAMS_20	09 06 40.6
MOTA	Moosalm	Pdfif	Pdfif	08 22 00.8 +3.5
MOTA	Moosalm	i PKIKP	PKIKP	08 26 01.9 +0.8
MOTA	Moosalm	i PKKP	PKKPPbc	08 37 07.1 -0.3
WTTA	Wattenberg	Pdfif	Pdfif	08 21 59.8 +2.3
WTTA	Wattenberg	PKIKP	PKIKP	08 26 01.9 +0.6
WTTA	Wattenberg	ePKKP	PKKPPbc	08 37 08.6 +1.4
OBKA	Obir	ePKIKP	PKIKP	08 26 01.4 +0.2
OBKA	Obir	ePKIKP	PKKPPbc	08 37 07.6 +0.5
RETA	Reutte	Pdfif	Pdfif	08 22 03.8 +6.4
RETA	Reutte	i PKIKP	PKIKP	08 26 01.1 0.0
RETA	Reutte	ePKKP	PKKPPbc	08 37 08.9 +1.8
WATA	Walderalm	Pdfif	Pdfif	08 22 07.8 +0.5
WATA	Walderalm	i PKIKP	PKIKP	08 26 02.9 +1.6
WATA	Walderalm	ePKKP	PKKPPdf	08 37 21.3 -1.8
ERPA	Erie	PP	PP	08 26 32.5 +0.1
KBA	Koelnbreinsper	ePKIKP	PKIKP	08 26 02.3 +0.6
KBA	Koelnbreinsper	ePKKP	PKKPPbc	08 37 08.1 +1.6
BFO	Black Forest	IAMS_20	IAMS_20	09 07 28.9
BFO	Black Forest	ePKIKP	PKIKP	08 26 02.7 +1.2
SOKA	Soboth	Pdfif	Pdfif	08 22 04.4 +5.7
SOKA	Soboth	i PKIKP	PKIKP	08 26 02.6 +0.9
SOKA	Soboth	PKKPPdf	PKKPPdf	08 37 19.4 -3.1
LESA	Schwarzeholz	ePKIKP	PKIKP	08 26 03.2 +1.3
LESA	Schwarzeholz	ePKKP	PKKPPbc	08 37 07.9 +2.1
O48B	Farmland	PP	PP	08 26 33.4 -0.7
PQI	Presque Isle	IAMS_20	IAMS_20	09 08 07.5
LONY	Lake Ozonia	IAMS_20	IAMS_20	09 10 50.6
LONY	Lake Ozonia	PP	PP	08 26 36.7 +0.7
RJOB	Reichberg	ePKIKP	PKIKP	08 26 03.3 +0.9
STU	Stuttgart	IAMS_20	IAMS_20	09 06 18.9
BIOA	Bad Ischl, Au	ePKIKP	PKIKP	08 26 02.5 -0.2
BIOA	Bad Ischl, Au	ePKKP	PKKPPdf	08 37 17.0 -4.3
ARSA	Arzberg	i PKIKP	PKIKP	08 26 03.7 +0.9
ARSA	Arzberg	ePKKP	PKKPPbc	08 37 05.5 +1.5
CCM	Cathedral Cave	IAMS_20	IAMS_20	09 12 16.0
CCM	Cathedral Cave	PP	PP	08 26 35.5 -2.2
MOA	Molin	ePKKP	PKKPPbc	08 37 06.4 +3.2
SFIN	Lafayette	PP	PP	08 26 37.9 -2.2
RONA	Rosalia, Austr	Pdfif	Pdfif	08 22 11.1 -2.7
RONA	Rosalia, Austr	ePKKP	PKKPPbc	08 37 05.8 +3.7
CONA	Conrad Obersta	Pdfif	Pdfif	08 22 16.5 +2.2
CONA	Conrad Obersta	ePKIKP	PKIKP	08 26 04.3 +0.1
CONA	Conrad Obersta	ePKKP	PKKPPbc	08 37 03.7 +1.9
AAM	Ann Arbor	IAMS_20	IAMS_20	09 08 25.4
AAM	Ann Arbor	PP	PP	08 26 42.2 -0.7
MNTX	Cornudas Mount	IAMS_20	IAMS_20	09 10 46.9
MNTX	Cornudas Mount	PP	PP	08 26 42.1 -3.0
GEC2	GERESS Array S	ePKIKP	PKIKP	08 26 05.7 +0.9
GERES	GERESS Array B	PKIKP	PKIKP	08 26 05.1 +0.3
GERES	GERESS Array B	PKKPPbc	PKKPPbc	08 37 02.5 +1.8
WET	Wetzell	PKIKP	PKIKP	08 26 05.9 +1.0
TNS	Tanus Mts	ePKIKP	PKIKP	08 26 06.8 +1.9
GRFO	Grafenberg	IAMS_20	IAMS_20	09 06 52.6
KHC	Kasperske Hory	ePKKP	PKKPPbc	08 26 49.7 +3.0
KHC	Kasperske Hory	ePKKP	PKKPPbc	08 36 44.8
KHC	Kasperske Hory	ePKKP	PKKPPbc	08 37 03.6 -3.2
KHC	Kasperske Hory	ePKKP	PKKPPbc	08 37 11.5
KHC	Kasperske Hory	ePKKP	PKKPPbc	08 37 11.5
GURO	Guromak-BITLJ	IAMS_20	IAMS_20	09 11 08.7
SADO	Sadowa	PKIKP	PKIKP	08 26 05.6 +0.2
SADO	Sadowa	PP	PP	08 26 47.2 -0.1

HDIL	Hopedale	PP	PP	08 26 45.4 -2.0
MLR	Muntele Rosu	PKIKP	PKIKP	08 26 05.5 -0.1
EPT	El Paso	IAMS_20	IAMS_20	09 08 54.0
MSTX	Muleshoe	IAMS_20	IAMS_20	08 26 06.7 +0.2
ZVC	Zvikov	eSP	PS	08 36 41.2 +2.0
ZVC	Zvikov	ePKKP	PKKPPbc	08 37 01.0 +2.6
ZVC	Zvikov	ePKKP	PKKPPbc	08 37 07.8
ZVC	Zvikov	ePKKP	PKKPPbc	08 37 07.8
ZVC	Zvikov	ePKKP	PKKPPbc	09 07 50.0
HQIL	Hanson Quay C	IAMS_20	IAMS_20	09 14 10.2
TREC	Trest	eSP	PS	08 36 40.4 +1.7
TREC	Trest	AMS	AMS	09 07 50.0
AMTX	Amarillo	P	PKIKP	08 26 07.3 +0.4
KRUC	Moravsky	IAMS_20	IAMS_20	08 26 06.3 0.0
KRUC	Moravsky	ePKIKP	PKKPPbc	08 37 00.1 +2.3
KRUC	Moravsky	ePKIKP	PKKPPbc	08 37 07.0
OK032	Salt Plains WL	IAMS_20	IAMS_20	09 12 55.8
VYHS	Vyhne	ePKIKP	PKIKP	08 26 06.5 -0.1
VYHS	Vyhne	PKIKP	PKIKP	08 26 06.5 -0.1
NKVC	Novy Kostel	ePKKP	PKKPPbc	08 36 48.6
NKVC	Novy Kostel	ePKKP	PKKPPbc	08 37 07.4
NKVC	Novy Kostel	AMS	AMS	09 08 10.0
JAVC	Velka Javorina	ePKIKP	PKIKP	08 26 08.0 +1.3
JAVC	Velka Javorina	ePKIKP	PKKPPbc	08 37 01.0 -2.5
JAVC	Velka Javorina	ePKIKP	PKKPPbc	08 37 08.0
WERN	Wernitzgruen	ePKIKP	PKIKP	08 26 08.1 +1.5
GUZ	Gunzen	ePKIKP	PKIKP	08 26 08.1 +1.3
VRAN	Vranov	ePKIKP	PKIKP	08 26 06.8 -0.1
VRAC	Vranov	ePKIKP	PKKPPbc	08 36 58.8 +1.9
VRAC	Vranov	ePKIKP	PKKPPbc	08 37 07.0
VRAC	Vranov	ePKIKP	PKKPPbc	08 26 07.3 +0.4
PLN	Plauen	IAMS_20	IAMS_20	08 26 08.1 +1.3
TANN	Tannenbergsht	ePKIKP	PKIKP	08 26 08.2 +1.3
L44A	Lake County Fo	IAMS_20	IAMS_20	09 14 21.4
L44A	Lake County Fo	PP	PP	08 26 51.5 -2.0
MOX	Moxa	ePKIKP	PKIKP	08 26 08.1 +1.2
GOPC	GO Peeny, Ondr	ePP	PP	08 27 02.2 +8.2
GOPC	GO Peeny, Ondr	ePKKP	PKKPPbc	08 36 43.4
GOPC	GO Peeny, Ondr	ePKKP	PKKPPbc	08 36 59.5 -2.8
GOPC	GO Peeny, Ondr	ePKKP	PKKPPbc	08 37 06.7
GOPC	GO Peeny, Ondr	AMS	AMS	09 08 40.0
PRU	Prunhonice	eSP	SP	08 36 45.6 +2.3
PRU	Prunhonice	ePKKP	PKKPPbc	08 36 59.1
PRU	Prunhonice	ePKKP	PKKPPbc	08 37 07.0
PRU	Prunhonice	ePKKP	PKKPPbc	09 08 30.0
PRU	Prunhonice	ePKKP	PKKPPbc	09 07 30.0





Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like TULEG Thule, KURK Kurchatov, SEM Semipalatinsk, etc.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like R33M Jennings River, Q32M Nakina River, R32K Killisnoo, etc.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like M29M Somme Creek, M29M Somme Creek, O28M Mount Upton, etc.

2017 SEP

Table with columns for station ID, name, coordinates, status, and various codes. Includes sub-sections like '4d 8h' and '2017 SEP'. Rows list stations such as SCRR Sand Creek, HARP HAARP, I26K Coal Creek, etc., with associated data points.





az=261.0
IDC 04 08:57:33.1±1.4, 11°02'S:34°47'E, h0km, mb3.8/3,
mbtmp4.1/9, ML4.2/4, Error ellipse: s-maj=34.3km
s-min=17.1km az=118.0

ISC 04 08:57:30.9±0.5, 11°26'S:05°34.76E±0.06, h10km, n61,
±3521/83, mb4.1/7, Malawi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 4d 9h period.

comp=2.0, 9nm, 0.7s, baz=58, slow=4.1, SNR=10.0

TAP 04 09:11:01.09, 24.46N±1.21, 83E, h20km±1km, ML1.3, A, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Taiwan event.

JMA 04 09:11:44.0±0.2, 24°N±1.1, 122°E±0.6, h20km±2km, MV1.6/11, NW OFF IZHIGAKIJIMA IS, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the JMA event.

IDC 04 09:19:48.3±1.4, 57°62'S:26°23'W, h0km, mb3.7/2, mbtmp3.7/2, Error ellipse: s-maj=120.9km s-min=36.9km

ISC 04 09:19:49.8±1.5, 57°8'S:2°25.6'W±0.5, h10km, n7, ±098/7, 4D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the South Sandwich Islands event.

IDC 04 09:30:13.5±7.8, 30°37'S:178°33'W, h0km, mb3.3/2, mbtmp3.3/2, MS3.8/1, Error ellipse: s-maj=324.5km s-min=60.4km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Kermadec Islands event.

STR 04 09:35:23.9±0.4, 43°N±5.1, h0km, MLV2.0/18, Error ellipse: s-maj=0.0km s-min=0.0km az=49.2, preliminary

MDD 04 09:35:24.4±0.4, 43°03'N:5°99'E, h12km±4km, M3.6/9, M\_mb2.9/11, Error ellipse: s-maj=3.1km s-min=2.8km baz=159.0

ISC 04 09:35:21.6±1.2, 43°03'N:0°05.5'89E±0.05, h0km, n25, ±1508/27, I.C. Near south coast of France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event near the south coast of France.

MUGIO Muggio 3.67 37 Sn Sn 09 37 00.9 -2.7

IDC 04 09:36:32.6±2.4, 38°35'S:93°20'W, h0km, mb3.3/5, mbtmp3.7/6, ML3.5/1, MS4.1/4, Error ellipse: s-maj=69.1km s-min=27.6km az=11.0

ISC 04 09:36:34.0±1.1, 38°45'02.93'W:0°2, h10km, n22, ±045/12, mb3.8/8, MS4.0/3,5, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the West Chile Rise event.

ISC 04 09:40:53.0±2.9, 49°70'N:0°06'17.8E±0.1, h5km±27km, n6, ±035/11, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Czech and Slovak Republics event.

KRSC 04 09:45:55.3±1.3, 53°95'N:169°45'E, h50km±42km, ML5.0

IDC 04 09:45:56.1±0.5, 54°1'14'N:169°29'E, h0km, mb4.3/3/4, mbtmp4.4/37, ML4.3/7, MS4.3/1, Error ellipse: s-maj=15.1km s-min=9.3km az=167.0

Bull 04 09:45:57.0±0.0, 54°10'N:169°30'E, h15km, mb4.7/46, mb5.3/9, Miss.2/2, M57 4/72

MOS 04 09:45:58.8±1.0, 54°1'11'N:169°32'E, h33km, mb4.8/52, MS4.1/5, Error ellipse: s-maj=6.0km s-min=5.0km az=16.6

NEIC 04 09:45:59.5±1.4, 54°1'10'N:169°42'E±0.1, h19km, km, mb4.8/259, Error ellipse: s-maj=15.2km s-min=8.3km az=186.0

GCMT 04 09:46:01.5±0.4, 54°30'N:0°02:169°34'E±0.4, h12km, MW4.9/75, Moment Tensor Solution. s8, c8; s75 c10; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:0.65±1.2; Mw:2.41±1.2; Ms:1.76±0.9; Mo:0.39±1.3; Mb:0.79±0.9; Mr:1.25±1.3; Best double couple: Mo2.64200±1016 NP1:0.300,00000; 0.70,00000; A,154.00000; NP2: 0.39,00000; 0.65,00000; 1.22,00000; Principal axes: T 2.7210, P1g32.00000; Azm259.00000; N -0.1600, P1g58.00000; Azm86.00000; P -2.5630, P1g5.00000; Azm351.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 09:45:59.1±0.6, 54°1'11'N:0°06:169°31'E±0.03, h20km±2km, h21km:pp-P, n563, ±131/549, mb4.8/192, MS4.3/6, 18C-5D, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Komandorski Islands event.

KOZ	Kozyrevsk	5.76 294	eP	Pn	09 47 25.9 +2.4
KOZ			eS	Sn	09 48 30.4 +1.4
KIL	Karymskiy	5.81 273	PN	Pn	09 47 24.5 +0.3
KIL	Karymskiy	5.81 273	PN	Pn	09 47 24.3 +0.0
SRDR	Sredinnyy	5.92 296	eP	Sn	09 47 27.7 +2.0
SRDR			eS	Sn	09 48 35.1 +2.1
SRDR	Sredinnyy	5.92 296	eP	Sn	09 47 27.5 +1.8
SRDR			eS	Sn	09 48 34.8 +1.8
NLC	Nalytchevo	6.00 265	PN	Pn	09 47 27.6 +0.8
NLC	Nalytchevo	6.00 265	eP	Pn	09 47 27.6 +0.8
OSSR	Ossora	6.20 329	PN	Pn	09 47 30.3 +0.9
OSSR			eP	Pn	09 48 35.1 +2.1
SDLR	Sedlovina	6.25 267	PN	Pn	09 47 30.5 +0.2
SDLR	Sedlovina	6.25 267	eP	Pn	09 47 30.2 -0.1
UGLR	Uglovaya	6.30 266	eP	Pn	09 47 30.9 -0.1
SMAR	Somma	6.30 267	PN	Pn	09 47 30.6 -0.5
SMAR	Somma	6.30 267	eP	Sn	09 47 30.5 -0.5
SMAR			eS	Sn	09 48 41.7 -0.9
KRER	Koryakskii	6.33 267	PN	Pn	09 47 31.8 +0.4
KRER	Koryakskii	6.33 267	eP	Pn	09 47 31.6 +0.2
KRER			eS	Sn	09 48 42.3 -0.8
AVH	Avacha	6.34 267	PN	Pn	09 47 31.8 +0.3
AVH	Avacha	6.34 267	eP	Sn	09 47 31.7 +0.3
AVH			eS	Sn	09 48 42.4 -0.9
ESO	Esso	6.37 291	PN	Pn	09 47 32.4 +0.6
ESO	Esso	6.37 291	eP	Pn	09 47 32.5 +0.7
KRX	Arik	6.38 268	PN	Pn	09 47 32.3 +0.3
KRX	Arik	6.38 268	eP	Pn	09 47 31.9 -0.1
DALK	Dalny	6.38 265	PN	Pn	09 47 31.8 +0.2
DALK	Dalny	6.38 265	eP	Pn	09 47 32.1 +0.2
KOK	Koryaka	6.38 267	PN	Pn	09 47 32.3 +0.1
KOK	Koryaka	6.38 267	eP	Pn	09 47 32.3 +0.1
PET	Petropavlovsk	6.45 265	PN	Pn	09 47 32.7 -0.1
PET	Petropavlovsk	6.45 265	eP	Pn	09 47 33.1 +0.3
PET	Petropavlovsk	6.45 265	ePN	Pn	09 47 32.8 0.0
PET			pmx	pmx	
PET	comp=Z,132nm,0.5s		MLR	MLR	
PET	comp=Z,3um,15.0s		MLR	MLR	
PET	comp=Z,3um,15.0s		MLR	MLR	
PET	Petropavlovsk	6.45 265	eP	Pn	09 47 32.5 -0.3
TILK	Tilichki	6.58 346	eP	Pn	09 47 35.7 +1.0
AMKA	Amchitka	6.65 110	PN	Pn	09 47 34.4 +1.3
GNL	Ganally	6.74 271	PN	Pn	09 47 37.8 +0.9
KRMR	Karymskiy	6.80 264	eP	Pn	09 47 37.4 -0.3
KRMR	Karymskiy	6.80 264	eP	Sn	09 47 37.6 0.0
KRMR			eS	Sn	09 47 36.2 -2.3
MTRV	Mutnovka	6.87 261	PN	Pn	09 47 39.0 +0.2
MTRV	Mutnovka	6.87 261	eP	Pn	09 47 38.2 -0.6
GRL	Gorelyy	6.91 262	PN	Pn	09 47 40.1 +0.8
GRL	Gorelyy	6.91 262	eP	Pn	09 47 40.0 +0.7
PEA0B	Petropavlovsk	6.99 266	eP	Pn	09 47 41.0 +0.6
PEA0B	Petropavlovsk	6.99 266	ePN	Pn	09 47 40.9 +0.5
PETK	Petropavlovsk	6.99 266	PN	Pn	09 47 40.7 +0.5
PETK	Petropavlovsk	6.99 266	eP	Pn	09 47 40.7 +0.5
PETK	Petropavlovsk	6.99 266	PN	Pn	09 47 39.0 -1.2
PETK	comp=Z,48nm,0.3s,baz=100,slow=10,SNR=310		Sn	Sn	09 49 00.5 +1.4
PALN	Palana	7.18 318	eP	Pn	09 47 44.6 +1.8
APAc	Apacha	7.35 266	PN	Pn	09 47 46.2 +1.0
APAc	Apacha	7.35 266	eP	Sn	09 47 46.0 +0.9
APC			eS	Sn	09 49 08.2 +0.3
PAU	Pauzhetka	8.03 256	PN	Pn	09 47 55.6 +1.1
PAU	Pauzhetka	8.03 256	eP	Pn	09 47 56.1 +1.6
KIWB	Kanaga Island	8.47 100	PN	Pn	09 47 58.5 -2.1
KMWS	Kamenskaya	8.54 350	PN	Pn	09 48 01.9 +0.4
ADK	Adak	8.73 99	PN	Pn	09 48 02.1 -2.1
ADK	Adak	8.73 99	PN	Pn	09 48 02.1 -2.1
GSTR	Great Sitkin T	9.03 97	PN	Pn	09 48 07.8 -0.5
ATKA	Atka Island	10.09 94	PN	Pn	09 48 21.1 -1.6
ATKA	Atka Island	10.09 94	PN	Pn	09 48 21.5 -1.2
SEY	Seymchan	12.47 322	PN	Pn	09 48 54.1 -1.2
SEY	Seymchan	12.47 322	PN	Pn	09 48 54.8 -0.5
UNV	Unalaska Valle	14.22 81	P	Pn	09 49 19.5 +0.4
K13K	Kusivik Mount	15.77 50	P	Pn	09 49 40.7 +0.9
M13K	Dall Lake	16.00 56	P	P	09 49 44.8 -1.2
L14K	Kuka Creek	16.51 53	P	P	09 49 51.8 0.0
TYV	Tymovskoe	16.52 270	eP	P	09 49 52.5 +0.6
TYV			eS	S	09 53 00.6 -3.1
TYV	comp=Z,17nm,0.8s		pmx	pmx	
TYV	comp=Z,200nm,2.6s		smx	smx	
TYV	comp=N,500nm,1.5s		smx	smx	
M14K	Bethel	16.73 55	P	P	09 49 54.6 +0.3
N14K	Kuskokwak Cree	16.74 58	P	P	09 49 54.1 -0.2
G15K	Niukluk	17.20 40	P	P	09 50 01.3 +1.9
K15K	Wolf Creek Mou	17.28 50	P	P	09 50 02.1 +1.8
M15K	Kasigluk River	17.34 56	P	P	09 50 01.5 +0.5
N15K	Kwethluk River	17.56 57	P	P	09 50 04.4 +1.0
UGL	Uglegorsk	17.60 265	eP	Pn	09 50 06.1 +2.2
UGL			pmx	pmx	
S14K	Fog Glacier	17.83 70	P	P	09 50 09.0 +2.5
L16K	Owhat River	18.09 53	P	P	09 50 14.0 +4.8
M16K	Timber Creek	18.23 55	P	P	09 50 12.4 +1.6
YSS	Yuzh-Sakhalins	18.26 258	PN	Pn	09 50 11.5 +0.3
YSS			IAMB	IAMB	09 50 16.5
YSS	Yuzh-Sakhalins	18.26 258	eP	P	09 50 12.8 +1.6
YSS			pmx	pmx	
O16K	Kokwok River B	18.52 60	P	Pn	09 50 18.3 +4.1
J17K	VABM Dome	18.65 48	P	Pn	09 50 17.7 +1.9
L17K	Donlin	18.72 52	P	Pn	09 50 17.7 +1.1
K17K	Iditarod	18.84 50	P	Pn	09 50 19.1 +1.1
M17K	Holitna River	19.01 54	P	Pn	09 50 20.9 +0.8
O17K	Koliganek Brs	19.03 59	P	Pn	09 50 21.2 +0.8
N17K	Nushagak Hills	19.04 57	P	Pn	09 50 20.9 +0.5
C17K	DelLong Mountai	19.28 31	P	Pn	09 50 24.5 +1.1
R17K	Ugashik Creek	19.43 66	P	Pn	09 50 25.1 -0.2
F18K	Selawik	19.53 38	P	Pn	09 50 27.8 +1.5
G18K	Tagagawik	19.62 40	P	Pn	09 50 27.6 +0.2
Q17K	Contact Creek	19.66 64	P	Pn	09 50 26.9 -1.1
J18K	Innoko River	19.70 48	P	Pn	09 50 28.5 +0.1
SVW2	Sparrevohn	19.87 55	P	Pn	09 50 29.9 -0.5
TTA	Tatalina	19.91 50	P	P	09 50 29.1 -0.1
TTA	Tatalina	19.91 50	P	P	09 50 29.1 -0.1
TTA	comp=Z,25nm,0.8s		pmx	pmx	
ASAJ	Asahikawa	20.03 251	P	Pn	09 50 32.0 -0.4
ASAJ	Asahikawa	20.03 251	P	Pn	09 50 32.0 -0.4
Q18K	Katmai Hardscr	20.11 63	P	P	09 50 31.8 +0.4
GRNR	Gorny	20.22 274	iP	Pn	09 50 34.3 -0.4
GRNR			pmx	pmx	
GRNR	comp=E,5.0nm,0.8s		pmx	pmx	

GRNR	comp=Z,10.0nm,0.8s		MLR	MLR	
GRNR	comp=E,580nm,17.0s		MLR	MLR	
GRNR	comp=N,220nm,10.0s		MLR	MLR	
J19K	Poorman	20.29 47	P	Pn	09 50 34.5 -0.8
F19K	Shalerruck Mo	20.30 38	P	Pn	09 50 34.7 -0.7
L19K	White Mountain	20.32 52	P	P	09 50 33.9 +0.1
L19K	White Mountain	20.32 52	P	P	09 50 35.1 -0.7
H19K	Roundabout Mou	20.36 42	P	Pn	09 50 35.1 -0.9
N19K	Bonanza Creek	20.38 56	P	P	09 50 34.0 -0.4
N19K	Bonanza Creek	20.38 56	P	P	09 50 35.3 -1.2
M19K	Big River Lodg	20.51 53	P	P	09 50 36.0 +0.2
M19K			IAMB	IAMB	09 50 47.4
M19K	comp=Z,43nm,1.1s		P	Pn	09 50 36.7 -1.3
M19K	Big River Lodg	20.51 53	P	Pn	09 50 36.7 -1.3
C19K	Lookout Ridge	20.72 32	P	Pn	09 50 39.4 -0.9
K20K	Telida	20.85 49	P	P	09 50 39.3 0.0
K20K			IAMB	IAMB	09 50 49.5
K20K	comp=Z,42nm,1.1s		P	P	09 50 39.9 +0.5
D19K	Kuna River	20.89 34	P	Pn	09 50 41.2 -1.2
J20K	Nowinta River	20.96 47	P	P	09 50 41.3 +0.7
J20K			IAMB	IAMB	09 50 51.0
J20K	comp=Z,76nm,1.3s		P	Pn	09 50 41.6 -1.6
H20K	Antoleneega Mo	20.97 43	P	P	09 50 42.4 -0.9
M20K	Styx River	21.10 53	P	P	09 50 42.5 +0.3
M20K			IAMB	IAMB	09 50 54.4
M20K	comp=Z,88nm,1.8s		P	P	09 50 43.6 +1.4
M20K	Styx River	21.10 53	P	P	09 50 43.6 +1.4
ERM	Crino	21.12 246	iP	P	09 50 43.2 +0.8
OHAK	Old Harbor	21.15 66	P	P	09 50 40.4 -2.1
E20K	Nigu River	21.43 35	P	P	09 50 47.4 +1.7
KDAK	Kodiak Island	21.45 65	P	P	09 50 46.1 +0.2
KDAK	comp=Z,17nm,1.0s,baz=297,slow=7.7,SNR=5.6		P	P	09 50 46.1 +0.2
D20K	Etiuvik River	21.48 34	P	P	09 50 48.0 +1.8
IMAR	Indian Mountai	21.55 42	P	P	09 50 48.9 +2.0
SPU	Mount Spurr	21.58 55	P	P	09 50 47.1 -0.1
CHUM	Lake Minchumin	21.71 48	P	P	09 50 50.1 +1.6
CAST	Castle Rocks	21.74 49	P	P	09 50 49.6 +0.6
CAST			P	P	09 50 50.8 +1.8
H21K	Melozitna Rive	21.85 43	P	P	09 50 50.2 +0.1
H21K	Melozitna Rive	21.85 43	P	P	09 50 51.3 +1.2
B20K	Meade River	21.91 31	P	P	09 50 52.2 +1.5
YAK	Yakutsk	22.09 307	eP	P	09 50 51.4 -1.3
YAK	Yakutsk	22.09 307	ePP	sP	09 50 51.3 -1.3
YAK			eS	S	09 51 23.7
YAK	comp=Z,51nm,1.5s		pmx	pmx	09 54 55.0 0.0
YAK			pmx	pmx	
YAK	comp=N,7.0nm,1.1s		pmx	pmx	
YAK	comp=E,23nm,1.4s		pmx	pmx	
YAK	comp=Z,231nm,1.5s		pmx	pmx	
YAK	comp=N,104nm,4.9s		pmx	pmx	
YAK	comp=E,91nm,2.7s		pmx	pmx	
YAK	comp=E,209nm,3.7s		smx	smx	
YAK	comp=N,174nm,3.1s		MLR	MLR	
YAK	comp=Z,690nm,25.0s		MLR	MLR	
YAK	comp=E,333nm,22.0s		MLR	MLR	
YAK	Yakutsk	22.09 307	P	P	09 50 51.8 -0.9
YAK	comp=E,16nm,0.4s,baz=220,slow=0.8,SNR=5.6		P	P	09 50 54.0 -0.2
SUA	Susitna One	22.22 55	P	IAMB	09 51 14.6
SUA			IAMB	IAMB	
SUA	comp=Z,37nm,1.1s		P	P	09 50 53.9 -0.2
E21K	Kiliik River	22.26 36	P	P	09 50 55.6 +1.1
C21K	Knifeblade Rid	22.26 34	P	P	09 50 55.5 +0.9
BPAW	Bear Paw Mtn.	22.32 48	P	P	09 50 54.2 -0.9
H22K	Ishaltitna Cre	22.48 43	P	P	09 50 58.8 +2.0
B21K	Ikpiqpuq River	22.52 33	P	P	09 50 58.9 +1.7
TRF	Thorofore Mount	22.55 49	IAMB	IAMB	09 51 14.5
TRF	Thorofore Mount	22.55 49	P	P	09 50 58.1 +0.4
MLY	Manley	22.57 45	P	P	09 50 58.5 +0.7
D22K	Aiyikyak River	22.86 35	P	P	09 51 01.2 +0.3
BWN	Browne	22.99 48	P	P	09 51 02.3 +0.1
PMR	Palmer	22.99 54	IAMB	IAMB	09 51 21.1
PMR	Palmer	22.99 54	P	P	09 51 00.9 -1.3
I23K	Mint Yukon-K	23.16 45	P	P	09 51 03.1 -0.9
I23K	Minto, Yukon-K	23.16 45	P	P	09 51 04.7 +0.8
RND	Reindeer	23.19 50	P	IAMB	09 51 02.0 -2.3
RND			IAMB	IAMB	
RND	comp=Z,22nm,1.0s		P	P	09 51 02.0 -2.3
RND	Reindeer	23.19 50	P	P	09 51 02.0 -2.3
G23K	Bananza Creek	23.19 41	P	P	09 51 04.7 +0.5
H23K	Yukon River	23.20 43	P	P	09 51 06.3 +1.9
H23K			IAMB	IAMB	09 51 17.0
NEA2	Nezay	23.21 47	P	P	09 51 04.5 0.0
COLD	Coldfoot	23.25 40	P	P	09 51 05.0 -0.2
WAT1	Susitna Watana	23.29 51	P	P	09 51 0

4d 9h

Table with columns for station call letters, frequency, and signal strength. Includes stations like INK, M31M, BOD, P33M, MPPY, Q32M, R33M, SNY, S34M, KS19, KSR5, KSR5, KSAR, DLBC, C36M, H11N2, H11N3, H11N1, GRN1, HG4B, XLT, H11S1, H11S3, H11S2, BBB, NRIK, ULN, YKA, SONM, CBB, CLRS, LLLB, BTO, BTO, BTO, B04A, N02, N02, N02, B06A, D05A, F04A, LTY, EDM, EDM, BUCK, LYN, I03D, H04A, C09A, DBO, HAWA, F07A, NEW, I05D, E09A, J05D, G06A, I04D, YBH, YBH.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like YBH, WHN, K05A, F10A, BMO, ZALV, PLID, MSO, WVOR, WVOR, CHMT, BPMT, LZH, LZH, LZH, GTA, LYMT, DGZ, ELMT, MFID, ENH, PAHR, PAHR, EMB, DLMT, HLID, BOZ, BOZ, BOZ, CMB, CMB, CMB, YERR, YERR, BMN, BMN, BMN, WAKR, YHL, YHL, KVN, KVN, KVN, NVAR, NVAR, NVAR, NV11, MDPB, MDPB, OMMB, ELKO, ELKO, ELKO, YNE, YNE, H17A, H17A, IMW, RLMT, RLMT, RLMT, RLMT, RLMT, MOOW, TPH, TPH, DSP, MZP, LAO, LAO, VES, GNM, CWC, WMO, WMO, WMO, GRAC, GRAC, KURK, KURK, KURK, R11B, ISA, ISA, ISA, SPR3, DUG, DUG, DUG, BW06, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, PDAR.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like SUMC, S11A, MPM, FURC, TPNV, TPNV, TPNV, MK31, MKAR, PSUT, PSUT, GWY, GWY, MAKZ, MAKZ, OSM, PRN, PRN, EDW2, MPU, GYA, SHOC, GSC, GSC, GSC, GSC, SHPR, TCRU, TCRU, MVU, MVU, TMUT, TMUT, TUQ, LVZ, LVZ, ARCES, BRVK, BRVK, ULM, V12A, GMRC, O20A, U15A, U15A, BC3, AGMN, AGMN, PDMO, PZH, PZH, WUAZ, ARU, ARU, ARU, ARU, ISCO, ISCO, PRGR, KMI, KMI, MVCO, X16A, S22A, S22A, KIRV, X18A, SDCO, 214A, 214A, F36A, ECSD, KLMR, KLMR, KLMR, TUC, TUC, TUC, T25A, T25A, TNCH, SPNM, ANMO, ANMO, ANMO.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ANMO Albuquerque, AAK Ala-Archa, KSH Kashi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KBZ Khabaz, KMSC Kings Mountain, STHS Stebnicka Huta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KBAM BAM, IVRN Varamin, ALNE Alamin, etc.

MW4.2
NEIC 04 10:10:42.3-1.6, 29.17S; 0:04:71.61W; 0.09, h48km, 19km,
mb3.8/3, ML4.1 (GUC). Error ellipse: s-maj=11.4km
s-min=6.3km az=87.0
IDC 04 10:10:43.9-2.7, 29.07S; 71.28W, h50km, 22km, mb3.8/4,
mbmp3.9/10, ML3.7/6, Error ellipse: s-maj=30.5km
s-min=15.0km az=70.0
GUC 04 10:10:43.4-0.6, 29.22S; 71.32W, h62km, 3km, ML4.1
ISC 04 10:10:42.8-0.8, 29.20S; 0:03:71.49W; 0.05, h48km, 8km,
n80, +156/102, mb4.15, SC Near coast of central Chile

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

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

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







Table with columns: YFT, comp=N, IAML, 10 53 33.8, NORC, NORC, NORC, 1.32 39 eP, Pg, 11 00 10.3 -1.5, RATZ, Rangitukua, 6.41 218 P, Pn, 11 03 42.3 -0.2

IDC 04 10:56:18.9-7.0, 20:53Sx178:46W, h560km, 7.7km, mb2.9/6, mb1mp, 3.8/6, Error ellipse: s-maj=9.1, 1km s-min=31.7km az=152.0

ISC 04 10:56:21.0-1.5, 20:55S, 0:6, 178:6W, 0:4, h587km, n9, 0:92/10, mb3.4/6, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, STKA, Stephens Creek, 37.32 244 P, Op, ISC, 11 02 44.6 -0.1

RSNC 04 10:59:46.3-1.6, 4:53N-75:71W, h1km, 4km, ML3.0, Mw3.5, 2C-3D, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ANIL, Santa Ana, 0.31 98 P, Op, ISC, 10 59 51.5 -0.8

Table with columns: NORC, NORC, NORC, 1.32 39 eP, Pg, 11 00 10.3 -1.5, RATZ, Rangitukua, 6.41 218 P, Pn, 11 03 42.3 -0.2

NOU 04 11:01:48.3, 32:96S:177:44W, h215km, mb4.3/9, South of Kermadec Islands

WEL 04 11:02:09.7, 0.8, 34:5:6, 17:9W, 1:4, h33km, M4.9/10, mb5.4/3, ML4.6/12, MLV4.9/10, Mw(mb)4.8/3, Error ellipse: s-maj=0.0km s-min=0.0km az=109.5, confirmed

IDC 04 11:02:11.5, 1.7, 33:61S, 179:87W, 1:7km, 16km, mb3.9/3, mb2.4/5, Error ellipse: s-maj=31.9km s-min=11.3km az=113.0

NEIC 04 11:02:28.0, 2.8, 34:8S, 0:2, 179:0E, 0:2, h148km, 9km, mb4.1/10, Error ellipse: s-maj=31.0km s-min=18.6km az=61.0

ISC 04 11:02:10.3-0.6, 33:93S, 0:05, 179:14W, 0:07, h50km, n140, 0:29/4/127, mb4.3/8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, MXZ, Matakaoa Point, 4.18 209 P, Pn, 11 03 13.2 +1.7

TIR 04 11:03:04.5, 41:45N-20:00E, h20km, 1km, Md3.7, M12.7, THE 04 11:03:04.4, 41:49N-20:09E, h0km, 11km, ML2.2/3, Error ellipse: s-maj=18.7km s-min=0.9km az=358.0

PDG 04 11:03:05.4, 0.1, 41:41N, 19:89E, h7km, ML2.1/1, Error ellipse: s-maj=0.2km s-min=0.2km az=0

SKO 04 11:03:05.0, 41:48N-20:02E, h14km, ML2.3, BEO 04 11:03:06.0, 0.5, 41:45N-20:09E, h4km, 6km, ML2.0/6, ISC 04 11:03:07.0, 0.6, 41:44N, 0:02, 20:02E, 0:02, h16km, 6km, n41, 1:15/27/0, 4C-1D, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, TIR, Tirane, 0.15 230 P, S, 11 03 09.1 -0.7

Table with columns: RATZ, Rangitukua, 6.41 218 P, Pn, 11 03 42.3 -0.2, MCHZ, McNeill Hill, 6.44 210 P, Pn, 11 03 41.6 -0.9

Table with columns: WR0, Warramunga Arr, 43.22 277 P, Iamb, Iamb, 11 10 02.7 -4.0

Table with columns: WRA, Warramunga Arr, 43.39 276 P, Pn, 11 10 02.8 -5.3

Table with columns: WBO, Warramunga Arr, 43.43 277 P, Iamb, Iamb, 11 10 02.8 -5.7

Table with columns: GSPA, South Pole, 56.19 180 P, P, 11 11 46.7 +1.8

Table with columns: BELA, Belgrano 2, 66.43 172 P, P, 11 12 55.1 +1.4

Table with columns: MAW, Mawson, 66.68 201 P, Iamb, Iamb, 11 13 07.9 -0.1

Table with columns: SNA, Sanae, 74.66 179 P, Iamb, Iamb, 11 13 46.7 +2.7

Table with columns: H03S2, Juan Fernandez, 79.33 124 T, T, 12 42 36.4

Table with columns: H03N1, Juan Fernandez, 79.34 124 T, T, 12 42 41.9

Table with columns: H03N3, Juan Fernandez, 79.35 124 T, T, 12 42 36.4



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Nonsavu, Quartz Range, Rata Peaks, Futugata, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Mina Array Bea, Pinedale Array, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Sanae, Faro, Yukon, Torodi Arr, etc.

WEL 04 11:39:24.0-0.7, 31'S=11°17'9"W, 2°3, h33km, M4.1/1, mb4.7/1, ML4.5-5.6, MLV4.1/1, Mw(mb)3.9/1, Error ellipse: s-maj=0.0km s-min=0.0km az=15.3, confirmed, Kermadec Islands region

NEIC 04 11:53:40.4-1.2, 18°69'N; 0°06'145°E; 0.3, h248km, 12km, mb4.1/15, Error ellipse: s-maj=39.4km s-min=8.3km az=92.0

IDD 04 12:00:56.4-1.4, 32°24'N; 139°32'E, h0km, mb3.4/2, mbmp3.3/3, ML2.1/1, Error ellipse: s-maj=75.9km s-min=16.0km az=106.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Green Lake, Te Kaha, Pakihoro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Novinta Rive, Castle Rocks, Melozitna Rive, etc.

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

SKHL 04 11:50:44.0-0.7, 46°90'N; 154°10'E, h104km, 6km, mb5.1/3, msh5.4/3

NEIC 04 11:56:13.9-2.5, 8°82'S; 0°06'78°W; 0.1, h104km, 9km, mb2.5/16, Error ellipse: s-maj=19.6km s-min=4.7km az=73.0

IDD 04 12:08:54.0-1.4, 63°77'N; 162°99'E, h0km, mb4.1/24, mbmp4.1/27, ML3.9/2, MS3.2/5, Error ellipse: s-maj=15.0km s-min=12.8km az=176.0

MOS 04 11:50:45.1-1.3, 47°87'N; 153°36'E, h126km, mb4.0/1, Error ellipse: s-maj=67.0km s-min=14.0km az=138.7

VAO 04 11:56:16.7-1.2, 8°88'S; 77°86'W, h71km, mb4.3

KRSC 04 12:08:56.4-1.8, 53°80'N; 163°07'E, h43km, 38km, ML4.5

ISC 04 11:50:49.8-2.4, 48°41'N; 152°71'E, h160km, 23km, mb3.2/5, mbmp3.9/9, Error ellipse: s-maj=43.0km s-min=15.1km az=152.0

ISC 04 11:56:13.7-0.7, 8°89'S; 0°06'78°W; 0.09, h100km, n48, s167/43, mb4.3/9, Near coast of northern Peru

ISC 04 12:08:59.2-0.5, 53°79'N; 0°04'163°E; 0.05, h35km, n155, s199/172, mb4.2/34, MS3.4/5, Off east coast of Kamchatka Peninsula

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

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

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

RUSJ Misakicho 6.84 242 eP Sn 11 52 25.1 +3.4

MACA Manacapuru-AM 18.55 73 P Iamb Iamb 12 00 23.1 +0.4

PET Petropavlovsk 2.78 256 eP Sn 12 09 41.0 -0.1

USRK Ussuriysk Ar. 15.45 265 P Pn 11 54 14.6 -1.8

TRQA Tornquist 32.61 155 P Iamb Iamb 12 02 36.2 +0.3

INSR Institute 2.79 257 eP Sn 12 09 40.6 +0.4

MJAR Matsushiro Arr 15.90 231 P P 11 54 24.2 +0.4

656A Willston 38.24 354 P P 12 03 21.7 -2.4

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

KSR5 Katsura Array 21.42 251 P P 11 55 22.1 -1.7

CPCT Cooper Cave 44.47 353 P Iamb Iamb 12 04 13.5 -1.5

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

H1N2 WAKE ISLAND Hy 29.83 154 T T 12 28 41.5

WLAR White Oak Lake 44.58 342 P P 12 04 13.8 -2.0

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

H1N1 WAKE ISLAND Hy 29.85 154 T T 12 28 54.4

TXAR Lajitas Array 45.11 328 P P 12 04 21.6 +1.2

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

H1N3 WAKE ISLAND Hy 30.95 154 T T 12 28 51.5

WHAR Woolly Hollow 45.85 344 P P 12 04 25.9 +0.1

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

H1S1 WAKE ISLAND Hy 30.93 155 T T 12 30 41.5

PDAR Pinedale Array 58.73 334 P P 12 06 02.7 +1.3

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

H1S3 WAKE ISLAND Hy 30.94 155 T T 12 30 37.3

NVAR Mina Array Bea 59.95 324 P P 12 06 12.2 +2.2

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7

H1S2 WAKE ISLAND Hy 30.95 155 T T 12 30 42.2

MKAR Makanchi Array 65.47 297 P P 11 58 56.0 -8.0

SMKR Semkarok 2.95 342 eP Sn 12 09 42.9 -0.7



NLC		eS	Sn	12 39 51.8 +3.2
SMAR	Somma	2.95 238	PN	12 39 20.2 +0.5
SMAR			S	12 39 56.9 +3.0
SMAR	Somma	2.95 238	eP	12 39 20.2 +0.5
SMAR			S	12 39 56.9 +3.0
KRER	Koryakskii	2.95 239	PN	12 39 20.8 +1.1
KRER			S	12 39 58.2 +4.3
KRER	Koryakskii	2.95 239	eP	12 39 20.8 +1.1
KRER			S	12 39 58.2 +4.3
KRX	Arik	2.97 240	PN	12 39 20.6 +0.7
KRX			S	12 39 20.6 +0.7
KRL	Uglovaya	2.97 240	eP	12 39 20.6 +0.7
KRL			S	12 39 20.6 +0.7
UGLR	Uglovaya	2.97 237	eP	12 39 20.6 +0.7
UGLR			S	12 39 20.6 +0.7
AVH	Avacha	2.98 238	PN	12 39 21.2 +1.2
AVH			S	12 39 58.5 +4.0
AVH	Avacha	2.98 238	eP	12 39 21.2 +1.2
AVH			S	12 39 58.5 +4.0
KOK	Koryaka	3.01 239	PN	12 39 21.1 +0.6
KOK			S	12 39 21.1 +0.6
KOK	Koryaka	3.01 239	eP	12 39 21.1 +0.6
KOK			S	12 39 21.1 +0.6
DALK	Dalny	3.11 234	PN	12 40 00.5 +2.9
DALK			S	12 40 00.5 +2.9
DALK	Dalny	3.11 234	eP	12 40 00.5 +2.9
DALK			S	12 40 00.5 +2.9
INSR	Institute	3.16 236	eP	12 40 00.6 +1.7
INSR			S	12 40 00.6 +1.7
PET	Petrovlovsk	3.16 235	eP	12 40 00.6 +1.7
PET			S	12 40 00.6 +1.7
PET	Petrovlovsk	3.16 235	eP	12 40 00.6 +1.7
PET			S	12 40 00.6 +1.7
PET	comp=Z,308nm,0.5s		smax	smax
PET	comp=N,1µm,1.0s		smax	smax
PET	comp=E,2µm,1.2s		MLR	MLR
PET	comp=Z,3µm,15.0s		MLR	MLR
PET	comp=Z,2µm,13.0s		MLR	MLR
PET	Petrovlovsk	3.16 235	eP	12 39 23.6 +1.1
PET			S	12 40 01.2 +2.3
GNL	Ganally	3.17 249	PN	12 39 23.4 +0.7
GNL			S	12 39 23.4 +0.7
KRMR	Karymshinskiy	3.53 236	PN	12 39 28.7 +1.2
KRMR			S	12 40 10.6 +2.6
KRMR	Karymshinskiy	3.53 236	eP	12 39 28.7 +1.2
KRMR			S	12 40 10.6 +2.6
PEA0B	Petrovlovsk-	3.58 242	PN	12 39 29.6 +1.3
PEA0B			S	12 39 29.6 +1.3
PEA0B	Petrovlovsk-	3.58 242	eP	12 39 29.6 +1.3
PEA0B			S	12 39 29.6 +1.3
PETK	Petrovlovsk-	3.58 242	PN	12 39 28.4 +0.1
PETK			S	12 39 27.6 -0.6
PETK	Petrovlovsk-	3.58 242	eP	12 39 28.4 +0.1
PETK			S	12 39 27.6 -0.6
PETK	comp=Z,17nm,0.3s,baz=68,slow=17,SNR=104		Sn	12 40 15.2 +5.9
PETK	comp=Z,12nm,0.3s,baz=74,slow=41,SNR=6.2		LR	12 40 54.8
PETK	comp=Z,2µm,20.1s,baz=123,slow=41		PN	12 39 31.4 +1.0
PETK	comp=Z,50nm,0.6s		S	12 40 15.7 +2.5
MTRV	Mutnovka	3.73 231	PN	12 39 31.4 +1.0
MTRV			S	12 40 15.7 +2.5
MTRV	Mutnovka	3.73 231	eP	12 39 31.4 +1.0
MTRV			S	12 40 15.7 +2.5
GRL	Gorelyy	3.74 233	PN	12 39 31.8 +1.3
GRL			S	12 39 31.8 +1.3
APC	Apachy	3.96 242	PN	12 39 34.9 +1.5
APC			S	12 39 34.9 +1.5
PAU	Pauzhetka	5.05 229	PN	12 39 51.0 +2.6
PAU			S	12 39 51.0 +2.6
SKR	Severo-Kuril's	5.92 227	iP	12 39 58.4 -1.9
SKR			S	12 40 14.1 -0.4
SHEM	Shemys Ala	6.95 104	PN	12 41 28.8 -3.4
SHEM			S	12 41 28.8 -3.4
SHEM	comp=Z,5.3nm,0.3s,baz=285,slow=21,SNR=9.0		LR	12 43 02.5
SHEM	comp=Z,486nm,18.8s,baz=294,slow=38		LR	12 43 02.5
SHEM	comp=Z,23nm,0.6s		LR	12 43 02.5
SMY	Shemya	6.96 104	PN	12 40 15.0 +0.5
SMY			S	12 40 15.0 +0.5
KMSK	Kamenskaya	7.76 11	PN	12 40 25.5 0.0
KMSK			S	12 40 25.5 0.0
KMSK	Kamenskaya	7.76 11	eP	12 40 25.5 0.0
KMSK			S	12 40 25.5 0.0
MA2	Magadan	8.09 310	SN	12 41 59.7 -0.2
MA2			LR	12 43 57.6
MA2	comp=Z,356nm,18.2s,baz=124,slow=41,SNR=4.3		LR	12 43 57.6
AMKA	Amchitka	10.44 103	PN	12 41 02.8 +0.6
AMKA			S	12 41 07.4 -1.3
OKH	Okha	11.79 272	eP	12 41 02.8 +0.6
OKH			S	12 41 07.4 -1.3
OKH	comp=E,1µm,14.0s		MLR	MLR
OKH	comp=Z,800nm,15.0s		MLR	MLR
YSS	Yuzh-Sakhalins	14.97 246	eP	12 42 11.2 +2.6
YSS			MLR	MLR
JKA	Kamikawa-asahi	17.00 319	PN	12 42 28.8 -0.8
JKA			IAMB	12 42 56.0
ASAJ	Asahikawa	17.00 239	P	12 42 28.8 -0.9
ASAJ			pmax	12 42 28.8 -0.9
ASAJ	comp=Z,63nm,1.5s		PN	12 42 29.5 -1.6
ASAJ	Asahikawa	17.00 239	eP	12 42 29.5 -1.6
ASAJ			S	12 42 52.7 -0.7
ASAJ	comp=Z,0.3nm,0.3s,baz=46,slow=27,SNR=2.7		LR	12 42 52.7
ASAJ	comp=Z,430nm,20.3s,baz=49,slow=37		LR	12 42 52.7
ASAJ	comp=Z,5.6nm,0.8s		LR	12 42 52.7
ERM	Ermo	18.32 233	P	12 42 44.5 -1.1
ERM			S	12 42 44.5 -1.1
ERM	Ermo	18.32 233	eP	12 42 44.5 -1.1
ERM			S	12 42 44.5 -1.1
YAK	Yakutsk	18.62 306	eP	12 42 48.8 0.0
YAK			pmax	12 42 48.8 0.0
YAK	comp=Z,28nm,1.2s		pmax	12 42 48.8 0.0
YAK	comp=Z,6.0nm,0.8s		pmax	12 42 48.8 0.0
YAK	comp=N,1.0nm,0.8s		pmax	12 42 48.8 0.0
YAK	comp=E,3.0nm,1.2s		pmax	12 42 48.8 0.0
YAK	Yakutsk	18.62 306	LR	12 50 24.6
YAK	comp=E,86nm,19.6s,baz=90,slow=39		LR	12 50 24.6
C16K	Lisburne Hills	19.84 35	P	12 43 03.2 -0.8
C16K			PN	12 43 03.2 -0.8
KLR	Kul'dur	19.89 266	eP	12 43 00.1 -2.7
KLR			S	12 43 02.2 -0.6
KLR	Kul'dur	19.89 266	eP	12 43 00.1 -2.7
KLR			S	12 43 02.2 -0.6
G16K	Koyuk River	19.91 44	P	12 43 04.6 -0.3
G16K			PN	12 43 06.1 -0.1
M15K	Kasigluk River	20.02 58	P	12 43 09.0 +0.2
M15K			PN	12 43 09.9 +0.2
J16K	Anvik River	20.25 51	P	12 43 11.2 -0.7
J16K			PN	12 43 12.2 -0.9
N15K	Kwethluk River	20.32 60	P	12 43 12.7 -0.9
N15K			PN	12 43 14.4 -1.1
O15K	Ungalikthiuk R	20.51 63	P	12 43 16.2 -0.7
O15K			PN	12 43 16.2 -0.7
E17K	Hotnam Inlet	20.62 40	P	12 43 16.2 +1.8
E17K			PN	12 43 18.3 +1.7
C17K	DeLong Mountai	20.65 36	P	12 43 19.0 +1.8
C17K			PN	12 43 21.6 +1.6
H17K	Granite Mounta	20.82 46	P	12 43 23.0 +1.8
H17K			PN	12 43 23.0 +1.8
J17K	VABM Dome	20.94 51	P	12 43 26.8 +1.3
J17K			PN	12 43 27.5 +1.3
N16K	Nishik Lake	20.97 59	P	12 43 27.6 +1.1
N16K			PN	12 43 30.1 +2.6
E18K	Tukpahlearik C	21.18 39	P	12 43 25.1 -2.3
E18K			PN	12 43 29.8 +1.9
K17K	Iditarod	21.24 53	P	12 43 29.5 +1.9
K17K			PN	12 43 29.5 +1.9
H18K	Honhosha River	21.50 46	P	12 43 29.5 +1.9
H18K			PN	12 43 29.5 +1.9
M17K	Holitna River	21.61 56	P	12 43 29.5 +1.9
M17K			PN	12 43 29.5 +1.9
HEH	HeiHe	21.93 272	eP	12 43 29.5 +1.9
HEH			S	12 43 29.5 +1.9
J18K	Innoko River	22.01 51	P	12 43 29.5 +1.9
J18K			PN	12 43 29.5 +1.9
F19K	Shaleruckik Mo	22.08 42	P	12 43 29.5 +1.9
F19K			PN	12 43 29.5 +1.9
C19K	Lookout Ridge	22.10 35	P	12 43 29.5 +1.9
C19K			PN	12 43 29.5 +1.9
T16K	King Salmon	22.20 64	P	12 43 29.5 +1.9
T16K			PN	12 43 29.5 +1.9
QIX	Tiksi	22.20 332	eP	12 43 29.5 +1.9
QIX			S	12 43 29.5 +1.9
TIXI	Tiksi	22.20 332	LR	12 51 29.8
TIXI			LR	12 51 29.8
G19K	Purcell Mounta	22.20 44	P	12 43 29.5 +1.9
G19K			PN	12 43 29.5 +1.9

baz=259	Tatalina	22.30 52	P	12 43 29.3 +0.6
TTA			IAMB	12 43 44.0
TTA	comp=Z,20nm,1.3s		pmax	12 43 29.3 +0.6
TTA	Tatalina	22.30 52	pmax	12 43 29.3 +0.6
TTA			P	12 43 30.1 +1.4
TTA	comp=Z,20nm,1.3s		P	12 43 30.1 +1.4
H19K	Tatalina	22.30 52	P	12 43 31.5 +2.4
H19K			P	12 43 32.9 +2.8
E19K	Redstone River	22.44 40	P	12 43 32.1 +1.1
E19K			IAMB	12 44 06.5
SVW2	Sparrevohn	22.51 57	P	12 43 31.8 +0.7
SVW2			IAMB	12 43 31.8 +0.7
SVW2	comp=Z,22nm,1.3s		LR	12 50 37.3
J19K	Pooman	22.53 50	P	12 43 35.0 +2.4
J19K			LR	12 50 37.3
USRK	Ussuriysk Ar.	22.57 255	LR	12 43 35.0 +2.4
USRK			P	12 43 34.4 +0.9
USRK	comp=Z,468nm,18.3s,baz=51,slow=39		P	12 43 36.4 +1.3
Q17K	Contact Creek	22.66 65	P	12 43 36.7 +0.8
Q17K			P	12 43 37.2 +1.2
JMM	Marumori	22.73 231	P	12 43 37.1 +0.9
JMM			P	12 43 38.5 +0.7
F20K	Avaarart Lake	22.91 42	P	12 43 38.5 +0.7
F20K			P	12 43 38.5 +0.7
D20K	Etiulik River	23.00 37	P	12 43 38.5 +0.6
D20K			P	12 43 38.5 +0.6
H20K	Annotenege Mo	23.00 46	P	12 43 38.5 +0.6
H20K			P	12 43 38.5 +0.6
E20K	Nigu River	23.02 39	P	12 43 38.5 +0.6
E20K			P	12 43 38.5 +0.6
J20K	Novinta River	23.19 49	P	12 43 38.5 +0.6
J20K			P	12 43 38.5 +0.6
J20K	comp=Z,19nm,1.1s		P	12 43 38.5 +0.6
J20K	Novinta River	23.19 49	P	12 43 38.5 +0.6
J20K			P	12 43 38.5 +0.6
K20K	Telida	23.19 51	P	12 43 38.5 +0.6
K20K			P	12 43 38.5 +0.6
K20K	comp=Z,22nm,1.4s		P	12 43 38.5 +0.6
K20K	Telida	23.19 51	P	12 43 38.5 +0.6
K20K			P	12 43 38.5 +0.6
IMAR	Indian Mountai	23.52 45	P	12 43 41.5 +0.4
IMAR			P	12 43 44.0 +1.3
G21K	Allakatt	23.69 43	P	12 43 40.0 +0.5
G21K			P	12 43 45.1 +1.3
JSD	Sado	23.76 235	P	12 43 45.0 +0.7
F21K	Alatina River	23.81 42	P	12 43 45.0 +0.7
F21K			P	12 43 45.0 +0.7
E21K	Kilik River	23.86 39	P	12 43 45.0 +0.7
E21K			P	12 43 45.0 +0.7
H21K	Melozitna River	23.87 46	P	12 43 45.0 +0.7
H21K			P	12 43 45.0 +0.7
B21K	Ikpkpuk Lake	23.94 36	P	12 43 47.8 +1.4
B21K			P	12 43 48.1 +1.7
CAST	Castle Rocks	24.09 51	P	12 43 47.8 +1.4
CAST			P	12 43 48.1 +1.7
OHAK	Old Harbor	24.23 66	P	12 43 47.4 -0.3
OHAK			P	12 43 49.9 +1.1
F22K	John River	24.35 41	P	12 43 51.1 +1.7
F22K			P	12 43 51.1 +1.7
D22K	Ayikyak River	24.42 38	P	12 43 50.2 +0.3
D22K			P	12 43 50.2 +0.3
KDAD	Kodiak Island	24.48 65	P	12 43 51.6 +1.6
KDAD			P	12 43 51.6 +1.6
H22K	Ishlaltina Cre	24.48 45	P	12 43 51.6 +1.6
H22K			P	12 43 51.6 +1.6
G22K	Bettes	24.53 43	P	12 43 51.6 +1.6
G22K			P	12 43 51.6 +1.6
B22K	Teshpekuk Lake	24.54 34	P	12 43 52.7 +1.9
B22K			P	12 43 53.8
BPAW	Bear Paw Mtn.	24.57 50		











Table of astronomical observations for 4d 15h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2017 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 256, listing station names, coordinates, and observation details.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Wufeng Townshi, Tarama, Fulli, Emei, Taichung City, etc.

IDC 04 15:50:26.0, 0.8, 41.58N, 145.55E, h0km, mb3.8/12, mbtmp3.8/14, ML3.2/2, MS3.0/4, Error ellipse: s-maj=20.9km s-min=17.7km az=76.0

NIED 04 15:50:28.4, 4.1, 75N, 145.67E, h35km, MW3.8, Moment Tensor Solution... Fault plane solution: Ms6.17000x10^14 Np1: q=264.00000, s=64.00000, lambda=74.00000, NP2: q=52.00000, s=31.00000, lambda=119.00000

NEIC 04 15:50:28.8, 1.2, 41.64N, 145.55E, 0.1, h9km, 5km, mb4.9/20 Error ellipse: s-maj=11.6km s-min=9.9km az=86.0

JMA 04 15:50:28.4, 0.3, 42.2, N, 14.1, 6E, h35km, 1km, MV3.8/38, OFF NEMUO PENINSULA

ISC 04 15:50:32.0, 0.6, 41.70N, 145.54E, 0.07, h35km, n70, s=1562/67, mb4.5/22, Hokkaido region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including JKH, JAK, JEM, JCH, JNK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK, N31M, BVAR, GRNB, etc.

NOU 04 15:53:04.0, 32.10S, 178.89W, h323km, mb4.0/11, South of Kermadec Islands

WEL 04 15:53:22.1, 0.6, 33.5, 18.0W, 1.2, h12km, M4.6/37, mb5.0/5, ML4.4/13, MLV4.8/37, Mw(mb)4.2/5, Error ellipse: s-maj=0.0km s-min=0.0km az=117.3, confirmed

ISC 04 15:53:13.5, 1.4, 32.90S, 179.5W, 0.1, h10km, n77, s=1999/76, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including GLKZ, MXZ, MXZ, etc.

RSPR 04 16:11:56.5, 19.92N, 64.30W, h103km, 11km, MD3.6/7

ISC 04 16:11:53.5, 3.4, 19.9N, 64.06W, 0.09, h100km, n29, s=089/31, 6C-6D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SJVI, Giff Hill Sch, etc.

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

IDC 04 16:16:52.9, 5.7, 49.43S, 124.89E, h0km, mb3.6/2, mbtmp3.6/2, MS3.4/5, Error ellipse: s-maj=290.7km s-min=73.4km az=94.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H01W1, H01W2, H01W3, etc.

RSPR 04 16:36:54.6, 19.80N, 64.12W, h108km, 15km, MD3.8/8

OSPL 04 16:36:54.8, 2.6, 19.99N, 64.07W, h45km, 234km, ML3.8

NEIC 04 16:36:55.0, 1.6, 19.9N, 62.64W, 15L, 0.07, h28km, 24km, ML3.5/40, MD3.8/8(RSPR), Error ellipse: s-maj=23.8km s-min=7.6km az=196.0

ISC 04 16:36:52.7, 1.9, 20.00N, 64.11W, 0.05, h35km, n92, s=1939/109, 11C-6D, North Atlantic Ocean

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including SJVI, Giff Hill Sch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cabo Rojo, PR and Isla Deseccho.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like La Joyeuse, An and Morne Mazaean.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Davao City (W) and Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Alice Springs and Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Songino Array and Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warramunga Arr and Zalesovo Beam.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kurchatov Arra and AAK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warramunga Arr and YAK.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NB2 and NOA.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BI04 and LR04.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BI05 and LR03.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LR02 and LR02.

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

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

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

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

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

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

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KHZ Kahutara, GZV Greta Valley S, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PLAI Plampang, TOLIZ Toilitoi, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like OJC Ojcow, MLR Muntele Rosu, and many others.

IGIL 04 17:58:52.8, 39:20N-9:60W, h25km, ML3.6
SFS 04 17:58:52.4, 39:22N-9:51W, h22km, ML3.7/12, ML3.7/8,
ML3.5/12
MDD 04 17:58:52.3, 0.4, 39:20N-9:59W, h30km, mb, Lg3.5/35,
Error ellipse: s-maj=3.6km s-min=1.9km az=85.0
INMG 04 17:58:52.4, 1.6, 39:20N-9:60W, h22km, 2km, ML3.2, Error
ellipse: s-maj=4.0km s-min=1.3km az=90.0
LDG 04 17:58:53.1, 0.1, 39:22N-9:52W, h25km, ML3.1/12, Error
ellipse: s-maj=3.1km s-min=1.6km az=75.0
CNRM 04 17:58:60.0, 38:62N-9:19W, h51km, ml2.5
ISC 04 17:58:48.9, 0.6, 39:20N-0:02, 9:53W:0:04, h16km, n117,
0849/28, 8C-SD, Portugal

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PMAFR Mafrá, PCDR A Casda da Rain, and many others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Castro Verde, Badajoz, Barrancos, Vila Bisbo, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Mont Gurugu, La Murta, Oros-Betelu, Alkurruntz, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Alkurruntz, Chisagues Biel, Montlieu, etc.





NRCA	S	Sg	18 54 14.1	-0.1	comp=N,837µm,0.5s	T1219	Muccia, Frazio	0.57 337	P	Pg	18 54 13.0	-0.6	ATCC	comp=N,2692µm,0.4s	AML	AML				
NRCA	AML	AML			T1219	Muccia, Frazio			S	Sg	18 54 21.4	+0.2	CING	Cingoli	0.85 354	P	Pg	18 54 17.7	-1.1	
NRCA	comp=N,11930µm,0.2s				T1219	comp=N,1920µm,0.3s			AML	AML			CING	comp=E,1810µm,0.6s	AML	AML				
NRCA	comp=N,6460µm,0.5s				T1219	comp=N,1890µm,1.6s			AML	AML			CING	comp=N,1540µm,0.6s	AML	AML				
NRCA	comp=N,12710µm,0.2s				T1219	comp=N,1825µm,0.3s			AML	AML			CING	comp=N,1540µm,0.6s	AML	AML				
NRCA	comp=N,6890µm,0.5s				T1219	comp=N,1925µm,1.6s			AML	AML			CING	comp=N,1814µm,0.6s	AML	AML				
NRCA	comp=N,11930µm,0.2s				T1219	comp=N,1830µm,0.3s			AML	AML			CING	comp=E,1814µm,0.6s	AML	AML				
NRCA	comp=N,6460µm,0.5s				T1219	comp=N,1671µm,0.3s			AML	AML			FOSV	Fossato di Vic	0.86 332	P	Pg	18 54 18.1	-0.9	
NRCA	comp=N,12717µm,0.2s				T1219	comp=N,1826µm,0.3s			AML	AML			FOSV	comp=N,1385µm,0.6s	AML	AML				
NRCA	comp=N,4900µm,0.1s				T1219	comp=N,1637µm,0.2s			AML	AML			FOSV	comp=N,1310µm,0.7s	AML	AML				
NRCA	comp=N,11956µm,0.2s				T1219	comp=N,1920µm,0.3s			AML	AML			FOSV	comp=N,1389µm,0.6s	AML	AML				
NRCA	comp=N,5357µm,0.1s				T1219	comp=N,7025µm,1.1s			AML	AML			FOSV	comp=N,1311µm,0.7s	AML	AML				
MC2	Monte Cornacci	0.39 347	↑P	Pg	18 54 09.9	-0.5	MOMA	Monte Martino	0.61 297	P	Pg	18 54 13.9	-0.4	FOSV	comp=N,1311µm,0.7s	AML	AML			
MC2	ARRO	0.40 277	↑P	Sg	18 54 15.9	0.0	MOMA	comp=N,7025µm,1.1s		S	Sb	18 54 23.5	+0.7	FOSV	comp=N,1311µm,0.7s	AML	AML			
ARRO	ARRO		S	Pg	18 54 10.5	0.0	MOMA	comp=N,6515µm,0.2s		AML	AML		POFI	Posta Fibreno	0.87 160	P	Pb	18 54 19.0	+0.1	
ARRO	ARRO		AML	Sb	18 54 17.0	+0.2	MOMA	comp=N,6145µm,0.2s		AML	AML		POFI	comp=N,1560µm,0.5s	AML	AML				
ARRO	comp=N,7030µm,0.2s						MOMA	comp=N,7025µm,1.1s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
ARRO	comp=N,4670µm,1.1s						MOMA	comp=N,7235µm,1.1s		AML	AML		POFI	comp=N,1460µm,0.5s	AML	AML				
ARRO	comp=N,4052µm,0.2s						MOMA	comp=N,6512µm,0.2s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
ARRO	comp=N,7031µm,0.2s						MOMA	comp=N,6145µm,0.2s		AML	AML		POFI	comp=N,1459µm,0.5s	AML	AML				
VCEL	Villa Celiera	0.42 109	↑P	Pg	18 54 10.4	-0.3	MOMA	comp=N,6734µm,0.3s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
VCEL	VCEL		S	Sb	18 54 17.4	+0.1	MOMA	comp=N,6942µm,0.3s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
VCEL	comp=N,2870µm,0.4s						MOMA	comp=N,6512µm,0.2s		AML	AML		POFI	comp=N,1459µm,0.5s	AML	AML				
VCEL	comp=N,19350µm,0.6s						MOMA	comp=N,6734µm,0.3s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
VCEL	comp=N,18977µm,0.3s						MOMA	comp=N,6942µm,0.3s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
VCEL	comp=N,28699µm,0.4s						MOMA	comp=N,6512µm,0.2s		AML	AML		POFI	comp=N,1459µm,0.5s	AML	AML				
VCEL	comp=N,18977µm,0.3s						MOMA	comp=N,6734µm,0.3s		AML	AML		POFI	comp=N,1562µm,0.5s	AML	AML				
VCEL	comp=N,28699µm,0.4s						MNTR	Montappone	0.62 11	P	Pg	18 54 13.7	-0.7	VIVA	Pratoni del Vi	0.88 207	P	Pn	18 54 19.7	-0.1
T1216	Preci, Frazion	0.42 329	P	Pg	18 54 10.4	-0.4	CERT	Montappone	0.63 203	↑P	Pb	18 54 14.5	-0.3	VIVA	comp=N,9245µm,0.5s	AML	AML			
T1216	T1216		S	Sg	18 54 16.9	+0.3	CERT	comp=N,6125µm,0.5s		AML	AML		VIVA	comp=N,9245µm,0.5s	AML	AML				
T0110	Collepietro	0.46 131	↑P	Pg	18 54 11.3	-0.3	CERT	comp=N,3395µm,0.5s		AML	AML		VIVA	comp=N,6178µm,0.3s	AML	AML				
T0110	T0110		AML	Pg			CERT	comp=N,3395µm,0.5s		AML	AML		RDP	Rocca di Papa	0.89 210	P	Pb	18 54 19.1	-0.1	
T0110	comp=N,12150µm,0.3s						CERT	comp=N,6122µm,0.5s		AML	AML		RDP	comp=N,8955µm,1.4s	AML	AML				
T0110	comp=N,12200µm,0.3s						CERT	comp=N,6122µm,0.5s		AML	AML		RDP	comp=N,7550µm,0.4s	AML	AML				
T0110	comp=N,12156µm,0.3s						CERT	comp=N,3398µm,0.5s		AML	AML		RDP	comp=N,8826µm,0.5s	AML	AML				
T0110	comp=N,12226µm,0.3s						MTCE	Montecelio	0.66 220	↑P	Pg	18 54 14.8	-0.4	RDP	comp=N,7550µm,0.4s	AML	AML			
T0110	comp=N,12226µm,0.3s						MTCE	comp=N,4070µm,1.6s		AML	AML		RDP	comp=N,8826µm,0.5s	AML	AML				
FEMA	Monte Fema	0.47 336	P	Pg	18 54 11.4	-0.4	MTCE	comp=N,2005µm,0.8s		AML	AML		LRP	Arpino	0.91 167	P	Pn	18 54 20.2	0.0	
FEMA	T1221	0.47 314	↑P	Sg	18 54 11.5	-0.3	MTCE	comp=N,3933µm,0.3s		AML	AML		LRP	comp=N,2040µm,0.6s	AML	AML				
T1221	Campello sul C		S	Pg	18 54 18.8	+0.5	MTCE	comp=N,1788µm,0.5s		AML	AML		LRP	comp=N,1095µm,0.9s	AML	AML				
T1221	T1221		AML	Sb			MTCE	comp=N,2560µm,0.6s		AML	AML		LRP	comp=N,943µm,0.4s	AML	AML				
T1221	comp=N,4350µm,0.3s						SRES	S.Oreste - Sor	0.66 244	P	Pg	18 54 14.8	-0.4	LRP	comp=N,943µm,0.4s	AML	AML			
T1221	comp=N,3640µm,0.6s						SRES	comp=N,2560µm,0.6s		AML	AML		LRP	comp=N,2038µm,0.6s	AML	AML				
T1221	comp=N,3560µm,0.6s						SRES	comp=N,2560µm,1.6s		AML	AML		MURB	Monte Urbino	0.93 322	P	Pg	18 54 19.7	-0.6	
T1221	comp=N,4345µm,0.3s						SRES	comp=N,2542µm,0.4s		AML	AML		MURB	comp=N,3985µm,0.7s	AML	AML				
T1221	comp=N,3645µm,0.6s						SRES	comp=N,2557µm,0.6s		AML	AML		MURB	comp=N,3605µm,0.4s	AML	AML				
T1221	comp=N,3645µm,0.6s						SEF1	Sefro	0.67 337	P	Pg	18 54 15.1	-0.3	MURB	comp=N,3605µm,0.4s	AML	AML			
T1221	comp=N,4320µm,0.3s						MDAR	Monte D'Aria	0.67 350	P	Pb	18 54 15.7	+0.2	MURB	comp=N,4420µm,0.6s	AML	AML			
T1221	comp=N,3565µm,0.5s						INTR	Introdacqua	0.68 139	P	Pg	18 54 14.8	-0.9	MURB	comp=N,3985µm,0.6s	AML	AML			
T1221	comp=N,4317µm,0.3s						INTR	comp=N,2µm,1.5s		AML	AML		MURB	comp=N,3985µm,0.6s	AML	AML				
T1221	comp=N,4347µm,0.3s						INTR	comp=N,3µm,1.6s		AML	AML		MURB	comp=N,3605µm,0.4s	AML	AML				
T1221	comp=N,3642µm,0.6s						INTR	comp=N,4910µm,1.6s		AML	AML		MURB	comp=N,3585µm,0.4s	AML	AML				
T1221	comp=N,3561µm,0.5s						INTR	comp=N,3µm,1.6s		AML	AML		MURB	comp=N,3585µm,0.4s	AML	AML				
OFFI	Offida	0.49 34	↑P	Pg	18 54 12.2	+0.1	INTR	comp=N,2200µm,1.5s		AML	AML		MURB	comp=N,3583µm,0.4s	AML	AML				
OFFI	OFFI		AML	Sb			INTR	comp=N,4485µm,0.6s		AML	AML		MURB	comp=N,3985µm,0.7s	AML	AML				
OFFI	comp=N,15350µm,0.6s						INTR	comp=N,2179µm,0.3s		AML	AML		MURB	comp=N,3603µm,0.4s	AML	AML				
OFFI	comp=N,23150µm,0.6s						INTR	comp=N,3µm,0.6s		AML	AML		MURB	comp=N,4423µm,0.6s	AML	AML				
OFFI	comp=N,15365µm,0.6s						INTR	comp=N,3µm,0.6s		AML	AML		MURB	comp=N,3583µm,0.4s	AML	AML				
OFFI	comp=N,23145µm,0.6s						INTR	comp=N,2µm,0.3s		AML	AML		MURB	comp=N,3603µm,0.4s	AML	AML				
OFFI	comp=N,15365µm,0.6s						INTR	comp=N,2179µm,0.3s		AML	AML		MURB	comp=N,4423µm,0.6s	AML	AML				
PTQR	Pietraquaria	0.51 172	P	Pb	18 54 12.3	-0.5	SSM1	San Severino M	0.70 352	P	Pb	18 54 16.2	+0.2	MURB	comp=N,3985µm,0.6s	AML	AML			
PTQR	PTQR		S	Sb	18 54 20.4	+0.4	GAG1	Gagliole	0.73 346	P	Pb	18 54 17.1	+0.7	MURB	comp=N,3985µm,0.6s	AML	AML			
PTQR	comp=N,2565µm,0.2s						RCAV	Rocca di Cave	0.73 202	P	Pg	18 54 16.2	-0.5	MGAB	Montegabbione	0.96 294	↑P	Pg	18 54 20.3	-0.6
PTQR	comp=N,2565µm,0.2s						RCAV	comp=N,3190µm,0.3s		AML	AML		MGAB	comp=N,3365µm,0.5s	AML	AML				
PTQR	comp=N,1776µm,0.3s						RCAV	comp=N,4560µm,1.6s		AML	AML		MGAB	comp=N,3095µm,0.4s	AML	AML				
PTQR	comp=N,2565µm,0.2s						RCAV	comp=N,4491µm,0.4s		AML	AML		MGAB	comp=N,3660µm,0.6s	AML	AML				
FDMO	Fiordimonte	0.53 342	↑P	Pg	18 54 12.2	-0.7	RCAV	comp=N,3191µm,0.3s		AML	AML		MGAB	comp=N,3260µm,0.4s	AML	AML				
FDMO	FDMO		S	Sg	18 54 19.9	-0.1	GUAR	Guarcino	0.74 180	P	Pb	18 54 17.2	+0.6	MGAB	comp=N,3365µm,0.5s	AML	AML			
FDMO	comp=N,1665µm,1.1s						GUAR	comp=N,2440µm,0.7s		AML	AML		MGAB	comp=N,3661µm,0.6s	AML	AML				
FDMO	comp=N,2815µm,0.9s						GUAR	comp=N,2980µm,0.3s		AML	AML		MGAB	comp=N,3257µm,0.4s	AML	AML				
FDMO	comp=N,2771µm,0.6s						GUAR	comp=N,2980µm,0.3s		AML	AML		MGAB	comp=N,3098µm,0.4s	AML	AML				
FDMO	comp=N,1521µm,0.3s						GUAR	comp=N,2103µm,0.3s		AML	AML		ATTE	AVT- Monte Tez	0.97 314	P	Pg	18 54 20.3	-0.8	
GUMA	Gualdo di Mace	0.53 2	P	Pg	18 54 12.5	-0.4	GUAR	comp=N,2103µm,0.3s		AML	AML		ATTE	comp=N,1080µm,1.1s	AML	AML				
GUMA	GUMA		S	Sg	18 54 19.5	-0.5	SNTG	Esanatoglia	0.77 340	P	Pg	18 54 16.4	-1.0	ATTE	comp=N,1385µm,0.5s	AML	AML			
GUMA	comp=N,9905µm,0.5s						SNTG	comp=N,1290µm,0.4s		AML	AML		ATTE	comp=N,1386µm,0.5s	AML	AML				
GUMA	comp=N,10950µm,0.6s						SNTG	comp=N,1185µm,1.1s		AML	AML		ATTE	comp=N,926µm,0.6s	AML	AML				
GUMA	comp=N,9705µm,0.4s						SNTG	comp=N,1270µm,0.4s		AML	AML		GIUL	Giuliano Di Ro	0.97 182	P	Pb	18 54 20.5	-0.1	
GUMA	comp=N,7710µm,0.4s						SNTG	comp=N,1215µm,1.1s		AML	AML		GIUL	comp=N,1071µm,1.1s	AML	AML				
GUMA	comp=N,10938µm,0.6s						SNTG	comp=N,1288µm,0.4s		AML	AML		GIUL	comp=N,1715µm,0.5s	AML	AML				
GUMA	comp=N,9694µm,0.4s						SNTG	comp=N,1022µm,0.4s		AML	AML		GIUL	comp=N,1719µm,0.5s	AML	AML				
GUMA	comp=N,9908µm,0.5s						SNTG	comp=N,1020µm,0.												

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ARVD	comp=N,1066µm,0.7s	AML	AML		SF04	comp=E,676µm,0.3s	AML	AML		MELA	comp=E,1324µm,0.6s	AML	AML			
ARVD	comp=E,1205µm,0.9s	AML	AML		SF04	comp=N,607µm,0.3s	AML	AML		MELA	comp=E,1353µm,0.6s	AML	AML			
<b>RNI2</b>	<b>Rionero Sannit</b>	<b>1.04 143</b>	P	<b>Pn</b>	<b>18 54 22.3 +0.2</b>	SF04	comp=E,675µm,0.3s	AML	AML	<b>MAON</b>	<b>Monte Argente</b>	<b>1.61 267</b>	P	<b>Pn</b>	<b>18 54 30.9 +1.0</b>	
RNI2	comp=E,1915µm,0.9s	AML	AML		SF04	comp=N,607µm,0.3s	AML	AML		MAON	comp=E,461µm,0.4s	AML	AML			
RNI2	comp=N,1580µm,0.5s	AML	AML		SF04	comp=N,607µm,0.3s	AML	AML		MAON	comp=N,178µm,1.1s	AML	AML			
RNI2	comp=N,1502µm,0.7s	AML	AML		<b>CAFI</b>	<b>Castiglion Fio</b>	<b>1.27 309</b>	P	<b>Pn</b>	<b>18 54 25.7 +0.5</b>	MAON	comp=N,174µm,0.5s	AML	AML		
RNI2	comp=E,1582µm,0.4s	AML	AML		CAFI	comp=E,616µm,0.6s	AML	AML		MAON	comp=E,461µm,0.4s	AML	AML			
RNI2	comp=N,1579µm,0.5s	AML	AML		CAFI	comp=N,810µm,0.6s	AML	AML		<b>VENT</b>	<b>Ventolene</b>	<b>1.74 177</b>	AML	AML		
RNI2	comp=E,1731µm,0.6s	AML	AML		CAFI	comp=E,640µm,0.6s	AML	AML		VENT	comp=N,421µm,0.7s	AML	AML			
<b>LATB</b>	<b>Latina</b>	<b>1.07 194</b>	P	<b>Pb</b>	<b>18 54 22.0 -0.2</b>	CAFI	comp=N,846µm,0.6s	AML	AML	VENT	comp=E,427µm,1.2s	AML	AML			
LATB	comp=E,290µm,1.0s	AML	AML		CAFI	comp=N,846µm,0.6s	AML	AML		VENT	comp=N,508µm,1.3s	AML	AML			
LATB	comp=N,417µm,0.6s	AML	AML		CAFI	comp=N,811µm,0.6s	AML	AML		<b>CASP</b>	<b>Castiglione de</b>	<b>1.82 279</b>	P	<b>Pn</b>	<b>18 54 33.8 +1.1</b>	
LATB	comp=N,417µm,0.6s	AML	AML		CAFI	comp=N,848µm,0.6s	AML	AML		CASP	comp=E,86µm,1.5s	AML	AML			
LATB	comp=E,288µm,0.5s	AML	AML		CAFI	comp=N,848µm,0.6s	AML	AML		CASP	comp=N,81µm,0.5s	AML	AML			
LATB	comp=N,417µm,0.6s	AML	AML		CAFI	comp=E,615µm,0.6s	AML	AML		CASP	comp=N,81µm,0.5s	AML	AML			
<b>CERA</b>	<b>Filigiano</b>	<b>1.07 150</b>	P	<b>Pb</b>	<b>18 54 22.4 +0.1</b>	CAFI	comp=N,811µm,0.6s	AML	AML	<b>CASP</b>	<b>Apricina</b>	<b>1.83 114</b>	P	<b>Pb</b>	<b>18 54 35.0 -0.2</b>	
CERA	comp=E,1675µm,0.8s	AML	AML		VAGA	<b>Valle Agricola</b>	<b>1.31 148</b>	P	<b>Pb</b>	<b>18 54 26.5 +0.1</b>	APRC	comp=N,80µm,0.9s	AML	AML		
CERA	comp=N,1570µm,0.7s	AML	AML		VAGA	comp=E,510µm,0.6s	AML	AML		APRC	comp=E,756µm,0.7s	AML	AML			
CERA	comp=E,1730µm,0.8s	AML	AML		VAGA	comp=N,836µm,1.5s	AML	AML		APRC	comp=N,1008µm,1.1s	AML	AML			
CERA	comp=N,1660µm,1.0s	AML	AML		VAGA	comp=E,526µm,0.6s	AML	AML		APRC	comp=E,690µm,0.3s	AML	AML			
CERA	comp=E,1677µm,0.8s	AML	AML		VAGA	comp=N,886µm,1.5s	AML	AML		APRC	comp=E,647µm,0.3s	AML	AML			
CERA	comp=N,1639µm,0.7s	AML	AML		VAGA	comp=N,721µm,0.4s	AML	AML		APRC	comp=N,1173µm,1.1s	AML	AML			
CERA	comp=N,1639µm,0.7s	AML	AML		VAGA	comp=E,526µm,0.6s	AML	AML		APRC	comp=N,994µm,0.3s	AML	AML			
CERA	comp=E,1732µm,0.8s	AML	AML		VAGA	comp=N,695µm,0.4s	AML	AML		<b>RUF1</b>	<b>Rufina</b>	<b>1.85 315</b>	P	<b>Pn</b>	<b>18 54 34.8 +1.6</b>	
CERA	comp=N,1570µm,0.7s	AML	AML		VAGA	comp=E,510µm,0.6s	AML	AML		RUF1	comp=E,151µm,1.6s	AML	AML			
<b>FRON</b>	<b>Frontone</b>	<b>1.07 337</b>	P	<b>Pb</b>	<b>18 54 21.8 -0.6</b>	<b>SSP9</b>	<b>Sansepolcro</b>	<b>1.35 321</b>	P	<b>Pb</b>	<b>18 54 27.5 +0.4</b>	RUF1	comp=N,272µm,0.7s	AML	AML	
FRON	comp=E,1218µm,0.5s	AML	AML		BSSO	<b>Busso</b>	<b>1.37 135</b>	P	<b>Pg</b>	<b>18 54 28.5 -0.2</b>	RUF1	comp=N,139µm,1.4s	AML	AML		
FRON	comp=N,1105µm,0.4s	AML	AML		BSSO	comp=E,515µm,0.6s	AML	AML		RUF1	comp=N,272µm,0.7s	AML	AML			
FRON	comp=N,1106µm,0.4s	AML	AML		BSSO	comp=N,718µm,0.9s	AML	AML		RUF1	comp=N,139µm,1.4s	AML	AML			
FRON	comp=E,1220µm,0.5s	AML	AML		BSSO	comp=E,238µm,0.6s	AML	AML		<b>DUGI</b>	<b>Dugi Otok</b>	<b>1.94 41</b>	ePn	<b>Pn</b>	<b>18 54 34.6 +0.2</b>	
FRON	comp=N,1106µm,0.5s	AML	AML		BSSO	comp=N,279µm,0.9s	AML	AML		<b>SGRT</b>	<b>San Giovanni R</b>	<b>1.97 112</b>	P	<b>Pb</b>	<b>18 54 37.1 -0.6</b>	
<b>TOLF</b>	<b>Tofia</b>	<b>1.08 245</b>	P	<b>Pb</b>	<b>18 54 22.3 -0.1</b>	BSSO	comp=N,279µm,0.9s	AML	AML	SGRT	comp=E,772µm,0.7s	AML	AML			
TOLF	comp=E,2180µm,0.8s	AML	AML		BSSO	comp=N,279µm,0.9s	AML	AML		SGRT	comp=N,605µm,0.4s	AML	AML			
TOLF	comp=N,2675µm,0.6s	AML	AML		BSSO	comp=E,515µm,0.6s	AML	AML		SGRT	comp=N,605µm,0.4s	AML	AML			
TOLF	comp=E,2178µm,0.8s	AML	AML		BSSO	comp=N,718µm,0.9s	AML	AML		SGRT	comp=E,772µm,0.7s	AML	AML			
TOLF	comp=N,2673µm,0.6s	AML	AML		BSSO	comp=E,238µm,0.6s	AML	AML		<b>ZIRJ</b>	<b>Zirje</b>	<b>2.05 56</b>	ePn	<b>Pn</b>	<b>18 54 36.2 +0.4</b>	
<b>ATVO</b>	<b>AVT- Monte Val</b>	<b>1.08 322</b>	P	<b>Pb</b>	<b>18 54 22.0 -0.4</b>	BSSO	comp=E,515µm,0.6s	AML	AML	<b>SNAL</b>	<b>S. Angelo Dei</b>	<b>2.14 138</b>	P	<b>Pb</b>	<b>18 54 40.5 -0.2</b>	
ATVO	comp=E,880µm,0.7s	AML	AML		<b>ARCI</b>	<b>Arcidoso</b>	<b>1.39 284</b>	P	<b>Pb</b>	<b>18 54 28.4 +0.6</b>	<b>VIRC</b>	<b>Vir</b>	<b>2.17 35</b>	ePn	<b>Pn</b>	<b>18 54 37.9 +0.4</b>
ATVO	comp=N,1190µm,0.8s	AML	AML		ARCI	comp=E,208µm,1.3s	AML	AML		<b>MORI</b>	<b>Morici</b>	<b>2.20 52</b>	ePn	<b>Pn</b>	<b>18 54 38.6 +0.7</b>	
ATVO	comp=E,880µm,0.7s	AML	AML		ARCI	comp=N,216µm,1.0s	AML	AML		<b>CAPA</b>	<b>Cerignola FG</b>	<b>2.32 125</b>	AML	AML		
ATVO	comp=N,1193µm,0.8s	AML	AML		ARCI	comp=N,216µm,1.0s	AML	AML		CAPA	comp=N,464µm,0.8s	AML	AML			
ATVO	comp=N,1193µm,0.8s	AML	AML		ARCI	comp=E,183µm,1.0s	AML	AML		<b>NVLJ</b>	<b>Novalja</b>	<b>2.33 29</b>	ePn	<b>Pn</b>	<b>18 54 39.9 +0.2</b>	
<b>SACS</b>	<b>San Casciano d</b>	<b>1.08 288</b>	P	<b>Pb</b>	<b>18 54 22.6 +0.2</b>	ARCI	comp=N,216µm,1.0s	AML	AML	<b>BRJN</b>	<b>Brijuni</b>	<b>2.40 8</b>	ePn	<b>Pn</b>	<b>18 54 40.9 +0.3</b>	
SACS	comp=E,1038µm,0.8s	AML	AML		<b>SGG</b>	<b>Gregorio Mates</b>	<b>1.40 145</b>	P	<b>Pg</b>	<b>18 54 28.7 -0.4</b>	<b>HVAR</b>	<b>Hvar</b>	<b>2.40 73</b>	ePn	<b>Pn</b>	<b>18 54 41.5 +0.9</b>
SACS	comp=N,1185µm,0.7s	AML	AML		SGG	comp=E,2.0nm,0.6s	AML	AML		<b>HVAR</b>	<b>Hvar</b>	<b>2.40 73</b>	P	<b>Pn</b>	<b>18 54 41.7 +1.0</b>	
SACS	comp=E,1011µm,0.5s	AML	AML		SGG	comp=N,2.5nm,0.5s	AML	AML		<b>PALZ</b>	<b>Palazzo San Ge</b>	<b>2.54 128</b>	P	<b>Pn</b>	<b>18 54 44.9 +2.2</b>	
SACS	comp=N,1090µm,0.7s	AML	AML		SGG	comp=E,758µm,0.6s	AML	AML		PALZ	comp=N,436µm,1.1s	AML	AML			
SACS	comp=N,1090µm,0.7s	AML	AML		SGG	comp=N,742µm,0.5s	AML	AML		PALZ	comp=N,436µm,1.1s	AML	AML			
SACS	comp=N,1187µm,0.7s	AML	AML		SGG	comp=N,742µm,0.5s	AML	AML		<b>SMRN</b>	<b>Sveta Marina</b>	<b>2.58 13</b>	ePn	<b>Pn</b>	<b>18 54 42.9 -0.2</b>	
SACS	comp=E,1013µm,0.5s	AML	AML		SGG	comp=N,742µm,0.5s	AML	AML		<b>MRVN</b>	<b>Mirnerivo Murg</b>	<b>2.61 123</b>	P	<b>Pn</b>	<b>18 54 45.3 +1.6</b>	
SACS	comp=E,1040µm,0.8s	AML	AML		SGG	comp=E,2.3nm,0.6s	AML	AML		MRVN	comp=N,112µm,1.6s	AML	AML			
SACS	comp=N,1040µm,0.8s	AML	AML		SGG	comp=N,742µm,0.5s	AML	AML		MRVN	comp=N,103µm,0.9s	AML	AML			
<b>ATMI</b>	<b>Monte Miggiano</b>	<b>1.11 317</b>	P	<b>Pb</b>	<b>18 54 22.9 -0.1</b>	SGG	comp=E,2.3nm,0.6s	AML	AML	MRVN	comp=N,103µm,0.9s	AML	AML			
ATMI	comp=E,2870µm,0.5s	AML	AML		SGG	comp=N,742µm,0.5s	AML	AML		MRVN	comp=N,103µm,0.9s	AML	AML			
ATMI	comp=N,1965µm,1.0s	AML	AML		SGG	comp=N,2.3nm,0.5s	AML	AML		MRVN	comp=N,103µm,0.9s	AML	AML			
ATMI	comp=E,2870µm,0.5s	AML	AML		<b>MODR</b>	<b>Mondragone</b>	<b>1.45 163</b>	P	<b>Pb</b>	<b>18 54 28.9 +0.2</b>	<b>LSTV</b>	<b>Lastovo</b>	<b>2.65 84</b>	ePn	<b>Pn</b>	<b>18 54 45.0 +0.8</b>
ATMI	comp=E,2870µm,0.5s	AML	AML		<b>CPGN</b>	<b>Carpegna, Ital</b>	<b>1.46 331</b>	P	<b>Pg</b>	<b>18 54 30.2 -0.1</b>	<b>UDBI</b>	<b>Udbina</b>	<b>2.68 41</b>	ePn	<b>Pn</b>	<b>18 54 45.8 +1.2</b>
ATMI	comp=N,1914µm,0.4s	AML	AML		CPGN	comp=E,1160µm,0.7s	AML	AML		<b>KIJV</b>	<b>Kijevo</b>	<b>2.70 56</b>	ePn	<b>Pn</b>	<b>18 54 46.4 +1.5</b>	
<b>CORI</b>	<b>Corinaldo</b>	<b>1.12 348</b>	P	<b>Pb</b>	<b>18 54 23.4 +0.3</b>	CPGN	comp=N,1125µm,1.4s	AML	AML	<b>A253A</b>	<b>Karolja, Istri</b>	<b>2.79 7</b>	ePn	<b>Pn</b>	<b>18 54 46.0 0.0</b>	
CORI	comp=E,3105µm,0.8s	AML	AML		CPGN	comp=N,1125µm,1.4s	AML	AML		<b>A250A</b>	<b>Rusevo Krmpots</b>	<b>2.80 24</b>	ePn	<b>Pn</b>	<b>18 54 47.0 +0.7</b>	
CORI	comp=N,2765µm,1.0s	AML	AML		CPGN	comp=N,1190µm,0.7s	AML	AML		<b>EQUI</b>	<b>Equi</b>	<b>2.82 306</b>	P	<b>Pn</b>	<b>18 54 48.5 +2.0</b>	
CORI	comp=N,1490µm,0.8s	AML	AML		CPGN	comp=N,1190µm,0.7s	AML	AML		EQUI	comp=N,52µm,0.6s	AML	AML			
CORI	comp=N,2445µm,0.5s	AML	AML		CPGN	comp=N,1125µm,1.4s	AML	AML		EQUI	comp=N,52µm,0.6s	AML	AML			
CORI	comp=N,1487µm,0.8s	AML	AML		CPGN	comp=N,1125µm,1.4s	AML	AML		EQUI	comp=N,52µm,0.6s	AML	AML			
CORI	comp=N,3104µm,0.8s	AML	AML		CPGN	comp=N,1125µm,1.4s	AML	AML		<b>PLIT</b>	<b>Plitvice</b>	<b>2.88 35</b>	ePn	<b>Pn</b>	<b>18 54 48.0 +0.6</b>	
CORI	comp=N,2768µm,1.0s	AML	AML		CPGN	comp=N,1125µm,1.4s	AML	AML		<b>AMUR</b>	<b>Altamura</b>	<b>2.95 122</b>	P	<b>Pn</b>	<b>18 54 50.4 +2.1</b>	
CORI	comp=N,2443µm,0.5s	AML	AML		CPGN	comp=N,1125µm,1.4s	AML	AML		AMUR	comp=N,211µm,0.6s	AML	AML			
<b>ATPI</b>	<b>Pietralunga -</b>	<b>1.13 324</b>	P	<b>Pb</b>	<b>18 54 23.4 0.0</b>	CPGN	comp=N,1125µm,1.4s	AML	AML	AMUR	comp=N,161µm,0.6s	AML	AML			
ATPI	comp=E,1120µm,0.9s	AML	AML		<b>CRE</b>	<b>Caprese Michel</b>	<b>1.47 318</b>	P	<b>Pn</b>	<b>18 54 29.0 +0.9</b>	AMUR	comp=N,161µm,0.6s	AML	AML		
ATPI	comp=N,851µm,1.4s	AML	AML		CRE	comp=E,323µm,1.3s	AML	AML		AMUR	comp=N,161µm,0.6s	AML	AML			
ATPI	comp=N,849µm,0.8s	AML	AML		CRE	comp=N,454µm,1.0s	AML	AML		AMUR	comp=N,161µm,0.6s	AML	AML			
ATPI	comp=N,1120µm,0.9s	AML	AML		CRE	comp=N,424µm,0.7s	AML	AML		AMUR	comp=N,161µm,0.6s	AML	AML			
<b>MIDA</b>	<b>Miranda</b>	<b>1.13 141</b>	P	<b>Pb</b>	<b>18 54 22.4 -1.0</b>	CRE	comp=N,424µm,0.7s	AML	AML	<b>RIC</b>						



4d 19h

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

NEIC 04 19:04:57.7±0.8, 42°64N-0°02:11.44W±0.04, h3km, 3km, ML3.5/104, Mwr3.7/31, ML3.7/14(UUSS), Error ellipse: s-maj=4.4km s-min=1.4km az=123.0, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mr=3.90; Mw=0.51; Mww=3.39; Mw=0.59; Mw=0.20; Mr=1.39; Fault plane solution: Ms3.97000±0.14 NP1: 184.99000°, 55.577000°, λ-80.77000°. NP2: 348.88000°, 63.51000°, λ-103.27000°. Principal axes: T 3.6489, P1g10.0000, Azm268.0000°; N 0.5855, P1g8.0000°, Azm360.0000°; P -4.2343, P1g77.0000°, Azm126.0000°.

NEIC 04 19:04:58.4±0.6, 42°68N-0°2:11.5W±0.04, h3km, 9km, Error ellipse: s-maj=50.6km s-min=6.5km az=124.0, Eastern Idaho

Main table for 4d 19h section, listing station codes (AHID, GRII, ECR, etc.), station names, coordinates, phases, and times.

2017 SEP

Table for 2017 SEP section, listing station codes (MVU, BEMT, SPR3, etc.), station names, coordinates, phases, and times.

Table for 2017 SEP section, listing station codes (SNSI, MLSI, GSI, etc.), station names, coordinates, phases, and times.

266

Main table for 266 section, listing station codes (CMJI, VJD, CHTO, etc.), station names, coordinates, phases, and times.

PSA00	comp=Z,53nm,1.8s	I	Amb	I	Amb	19 51 29.2			
NLAI	Namlea	35.51	97	P	P	19 50 12.2	+0.6		
LBM1	Labuha	35.70	93	P	P	19 50 13.9	+0.6		
SSLB	Suanglung	36.15	49	P	P	19 50 17.9	+0.9		
YULB	Yu-li	36.19	50	P	I	19 50 18.0	+0.7		
WHN	Wuhan	36.28	34	P	P	19 50 19.3	+1.4		
XAN	Xi'an	36.50	24	P	P	19 50 19.6	-0.3		
XAN	comp=Z,130nm,1.0s					19 50 29.8	-0.6		
XAN	comp=Z,390nm,15.9s								
XAN	comp=Z,570nm,18.3s								
LZH	Lanzhou	36.59	16	P	P	19 50 21.2	+0.5		
LZH	comp=Z,56nm,1.1s					19 50 28.1	+0.8		
LZH	comp=Z,200nm,16.3s								
LZH	comp=Z,350nm,15.6s								
LZH	comp=Z,330nm,17.0s								
FITZ	Fitzroy Crossi	38.32	121	P	P	19 50 35.3	-0.2		
LYN	LuoYang	38.49	28	P	P	19 50 38.0	+1.3		
LYN	comp=Z,97nm,1.0s								
LYN	comp=Z,150nm,8.9s								
LYN	comp=Z,540nm,16.1s								
LYN	comp=Z,410nm,15.7s								
GTA	Gaotai	38.86	10	P	P	19 50 40.3	+0.5		
GTA	comp=Z,34nm,0.8s					19 50 49.2	-1.2		
GTA	comp=Z,170nm,21.1s								
GTA	comp=Z,110nm,16.3s								
WSAR	Wadi Sarin	39.04	307	LR	LR	20 04 48.5			
SIJI	Sorong	39.48	9	P	P	19 50 44.5	-0.8		
NJ2	Nanjing	40.00	37	P	P	19 50 50.8	+1.5		
NJ2	comp=Z,26nm,0.6s					19 50 54.6	-1.2		
NJ2	comp=Z,140nm,4.5s								
NJ2	comp=Z,570nm,19.9s								
NJ2	comp=Z,690nm,18.0s								
NJ2	comp=Z,210nm,18.5s								
KSH	Kashi	40.92	341	P	P	19 50 55.6	-1.4		
KSH	comp=Z,18nm,0.9s								
KSH	comp=Z,380nm,18.5s								
KSH	comp=Z,400nm,17.2s								
KSH	comp=Z,320nm,16.5s								
H01W3	Cape Leeuwin H	41.41	152	T	T	20 35 24.7			
H01W2	Cape Leeuwin H	41.42	152	T	T	20 35 26.7			
H01W1	Cape Leeuwin H	41.42	152	T	T	20 35 25.6			
NWAO	Narogin (SRO)	41.44	147	LR	LR	20 06 37.3			
HNS	HongShan	41.86	28	P	P	19 51 06.1	+1.6		
HNS	comp=Z,100nm,1.1s					19 51 08.8	-1.8		
HNS	comp=Z,250nm,16.2s								
HNS	comp=Z,290nm,14.7s								
TARG	Taragay, Kyrgy	42.42	344	P	P	19 51 09.4	-0.1		
TARG	Taragay, Kyrgy	42.42	344	P	P	19 51 09.4	-0.1		
GAR	Garm	42.59	335	P	P	19 51 08.8	-1.8		
NRN	Naryn	42.66	342	P	P	19 51 10.8	-0.6		
NRN	comp=Z,11nm,1.0s					19 51 11.9	+0.6		
BTO	Baotou	42.69	21	P	P	19 51 11.9	+0.6		
BTO	comp=Z,200nm,1.0s					19 51 25.8	+7.9		
BTO	comp=Z,380nm,4.6s					19 52 54.1	+3.5		
BTO	comp=Z,980nm,14.7s					19 57 33.5	-0.4		
BTO	comp=Z,210nm,14.8s					19 57 47.5	+5.9		
WMO	Urumqi	42.74	356	P	P	19 51 13.0	+1.3		
WMQ	Chuyangaron	42.80	334	P	P	19 51 12.2	-0.1		
CHGR	Chuyangaron	42.80	334	P	P	19 51 12.2	-0.1		
PRZ	Przheval'sk	42.97	345	P	P	19 51 13.9	+0.2		
PRZ	comp=Z,37nm,1.0s					19 51 15.0			
PRZ	comp=Z,37nm,1.0s					19 51 13.9	+0.2		
BTK	Batken	43.27	336	P	P	19 51 16.2	+0.1		
BTK	comp=Z,26nm,1.1s					19 51 14.3	-2.4		
ULHL	Ulaho	43.34	343	P	P	19 51 14.3	-2.4		
SHLS	Shalkode	43.35	347	P	P	19 51 16.5	-0.3		
SHLS	Shalkode	43.35	347	P	P	19 51 16.4	-0.3		
SHLS	comp=Z,17nm,0.8s					19 51 16.4	-0.3		
SHLS	comp=Z,123nm,18.8s					19 51 18.9	+1.3		
HHC	Hu-ho-hao-te	43.46	22	P	P	19 51 18.9	+1.3		
HHC	comp=Z,97nm,0.7s								
HHC	comp=Z,170nm,3.5s								
HHC	comp=Z,320nm,16.2s								

HHC	comp=Z,590nm,13.2s	LR	LR						
HHC	comp=Z,380nm,16.7s								
SATY	Saty	43.51	346	P	P	19 51 18.3	+0.3		
SATY	Saty	43.51	346	P	P	19 51 18.3	+0.3		
SATY	comp=Z,14nm,0.8s								
BOOM	Boomyoy usch	43.65	343	P	P	19 51 19.4	+0.2		
BOOM	Boomskeye usch	43.65	343	P	P	19 51 19.4	+0.2		
KPKS	Kokpek	43.83	346	P	P	19 51 20.6	+0.1		
KPKS	Kokpek	43.83	346	P	P	19 51 20.6	+0.1		
UCH	Uchtor	43.85	341	P	P	19 51 21.6	+0.5		
TNSS	Tian-Shan	43.87	344	P	P	19 51 21.1	-0.2		
TNSS	Tian-Shan	43.87	344	P	P	19 51 21.0	-0.2		
MDOK	Medeo	43.96	344	P	P	19 51 22.1	+0.4		
MDOK	Medeo	43.96	344	P	P	19 51 22.1	+0.4		
MDOK	Almayashu	44.03	341	P	P	19 51 23.2	+0.7		
AML	Almayashu	44.03	341	P	P	19 51 23.2	+0.7		
KBK	Karagaybulak	44.10	342	P	P	19 51 24.0	+1.2		
TKM2	Tokmak 2	44.14	343	P	P	19 51 23.6	+0.4		
AAK	Ala-Archa	44.22	342	P	P	19 51 24.8	+1.0		
AAK	Ala-Archa	44.22	342	P	P	19 51 23.6	-0.1		
AAK	Ala-Archa	44.22	342	P	P	19 51 24.6	+0.8		
AAK	comp=Z,24nm,1.7s					20 09 46.5			
AAK	Ala-Archa	44.22	342	LR	LR	20 09 46.5			
EKS2	Erkin-Say	44.47	341	P	P	19 51 26.8	+1.1		
SRPI	Serui, Papua	44.49	94	P	P	19 51 27.3	+1.1		
BJI	Beijing	44.67	27	P	P	19 51 28.8	+1.6		
BJI	comp=Z,34nm,0.9s					19 51 33.2	-0.6		
BJI	comp=Z,52nm,7.2s					19 51 26.1	+1.1		
BJI	comp=Z,98nm,19.0s					19 51 32.4	-0.2		
BJI	comp=Z,94nm,19.0s					19 51 32.2	-0.4		
BJI	comp=Z,130nm,17.5s					19 51 27.4	-0.4		
ARXS	Arhan	44.74	346	P	P	19 51 27.4	-0.4		
USP	Ospenovka	44.79	342	P	P	19 51 28.8	+0.6		
SGDS	Sogindy	44.92	342	P	P	19 51 29.0	-0.2		
SGDS	Sogindy	44.92	342	P	P	19 51 29.0	-0.2		
TDK	Taldyqorghon	45.34	347	P	P	19 51 32.2	-0.4		
TDK	Taldyqorghon	45.34	347	P	P	19 51 32.2	-0.4		
IUG	Iuzhny	45.36	337	P	P	19 51 32.1	+0.5		
IUG	Iuzhny	45.36	337	P	P	19 51 32.1	+0.5		
KK31	Karatay Array	46.00	338	P	P	19 51 37.5	-0.3		
KK31	comp=Z,12nm,0.8s					19 51 37.7	-0.3		
KK31	comp=Z,17nm,0.8s					19 51 37.5	-0.3		
KK31	comp=Z,17nm,0.9s					19 51 37.1	-0.6		
KKAR	Karatay Array	46.00	338	P	P	19 51 37.1	-0.6		
KKAR	Karatay Array	46.00	338	P	P	19 51 37.0	-0.8		
KKAR	Karatay Array	46.00	338	P	P	19 51 37.1	-0.6		
KKAR	comp=Z,17nm,0.9s					19 51 39.7	-0.4		
MK31	Makanchi Array	46.31	351	P	P	19 51 39.9	-0.2		
MK31	comp=Z,17nm,0.8s					19 51 39.3	-0.8		
MKAR	Makanchi Array	46.31	351	P	P	19 51 40.0	-0.1		
MKAR	Makanchi Array	46.31	351	P	P	19 51 40.0	-0.1		
MKAR	Makanchi Array	46.31	351	P	P	19 51 40.0	-0.1		
MKAR	comp=Z,19nm,0.7s					19 53 30.4	+1.3		
MKAR	comp=Z,8.0nm,1.0s					20 11 58.6			
MKAR	comp=Z,140nm,21.4s					19 51 40.0	-0.6		
MAKZ	Makanchi	46.37	351	P	P	19 51 40.0	-0.6		
MAKZ	comp=Z,14nm,0.9s					19 51 40.9	-1.1		
MAKZ	comp=Z,14nm,0.9s					19 51 40.9	-1.1		
BTLS	Baital	46.54	343	P	P	19 51 40.9	-1.1		
BTLS	Baital	46.54	343	P	P	19 51 40.8	-1.1		
WB0	Warramunga Arr	46.57	119	P	P	19 51 41.1	-1.5		
WB0	comp=Z,9.3nm,0.7s					19 51 42.9	+0.2		
WRA	Warramunga Arr	46.59	119	P	P	19 51 43.2	+0.5		
WRA	Warramunga Arr	46.59	119	P	P	19 51 43.2	+0.5		
WRAB	Tennant Creek	46.60	119	P	P	19 51 43.3	+0.5		
WRAB	comp=Z,7.1nm,0.8s					19 51 43.2	+0.3		
WB2	Warramunga Arr	46.60	119	P	P	19 51 54.4			
WB2	comp=Z,9.2nm,0.7s					19 51 43.1	+0.7		
ZSN	Zaisan	46.60	353	P	P	19 51 43.1	+0.7		
ZSN	Zaisan	46.60	353	P	P	19 51 43.1	+0.7		
WRO	Warramunga Arr	46.77	119	P	P	19 51 44.1	-0.1		
SMPI	Sarmi	46.97	94	P	P	19 51 45.5	-0.3		
ASAR	Alice Springs	47.69	124	P	P	19 51 51.4	+0.1		
ASAR	comp=Z,1.6nm,0.9s					19 53 20.9	+0.3		
ASAR	comp=Z,1.6nm,0.6s					19 51 51.0	-0.9		
XLT	XiLinHaoTe	47.80	24	P	P	19 51 51.0	-0.9		
XLT	comp=Z,18nm,1.1s								
XLT	comp=Z,130nm,1.1s								
XLT	comp=Z,310nm,19.0s								
GEYT	Geiyt	48.02	324	P	P	19 51 54.0	+0.4		
GEYT	Alibeck	48.02	324	P	P	19 51 54.6	+0.9		
GEYT	comp=Z,26nm,0.7s					20 13 08.8			
GEYT	comp=Z,167nm,19.5s					19 51 53.6	0.0		
GYA0B	ALIBECK ARRAY	48.02	324	P	P	19 51 54.7	+0.3		
TJN	Taejon	48.13	390	P	P	19 51 56.3	+0.7		
SOMN	Songino Array	48.28	13	P	P	20 13 28.1			
SOMN	comp=Z,60nm,0.8s					19 51 56.8	-0.6		
SOMN	comp=Z,118nm,21.6s					19 51 55.8	-1.2		
GENI	Geniy	48.46	94	P	P	19 51 55.8	-1.2		
ULN	Ulanbaatar	48.46	14	P	P	19			









Table with columns: Station, Name, Az, El, P, N, Pn, Time, Res. Includes stations like Hebggen Lake, Hailey, Mckenzie Canyon, etc.

MOS 04 20:21:40.5:0.9,36:47N:71:18E,h207km,mb4.3/30, Error ellipse: s-maj=6.1km s-min=3.5km az=84.0

Table with columns: Code, Station Name, Az, El, P, N, Pn, Time, Res. Includes stations like Kabul, Chirah Chowk, Nilore, etc.

Main table with columns: Station, Name, Az, El, P, N, Pn, Time, Res. Includes stations like Karatay Array, Karatay Array, Karatay Array, etc.

Table with columns: Station, Name, Az, El, P, N, Pn, Time, Res. Includes stations like SEKA, GANJ, ZAAO, ZAAO, etc.



Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BBAC Balboa, Cauca, CHPO Chepo, Panama, HATO Hato, Curacao, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like LRAL Lakeview Retre, BG3 Lake Jocassee, X51A Calhoun, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BINY Binghamton, L56A Greenwood, RLO Rose Lookout, etc.

4d 20h

F33A	5 Mile Ranch, comp=Z,24nm,1.1s	43.73 337	I	Amb	20 36 13.2
SUSD	Miller	43.73 333	P	P	20 36 12.5 +0.5
EYMN	Ely	43.86 342	P	P	20 36 13.2 +0.2
EYMN	Ely	43.86 342	P	P	20 36 13.8 +0.8
ISCO	Idaho Springs	43.90 323	I	Amb	20 36 16.9
ISCO	Idaho Springs	43.90 323	P	P	20 36 15.7 +1.8
MVCO	Mesa Verde	44.15 318	P	P	20 36 17.4 +1.6
214A	Organ Pipe Nat	44.62 309	P	P	20 36 21.3 +1.9
PHWY	Pilot Hill	44.78 325	I	Amb	20 36 23.2
N23A	Red Feather La	44.79 324	P	P	20 36 22.8 +2.0
WUAZ	Wupatki	45.21 315	I	Amb	20 36 27.9
WUAZ	Wupatki	45.21 315	P	P	20 36 26.4 +2.2
AGMN	Agassiz Nation	45.62 339	I	Amb	20 36 28.6
AGMN	Agassiz Nation	45.62 339	P	P	20 36 27.8 +0.9
RSSD	Black Hills	45.93 329	P	P	20 36 30.9 +1.1
HMU	Henry Mountain	46.03 318	P	P	20 36 33.1 +2.4
HMU	Henry Mountain	46.03 318	I	Amb	20 36 34.4
U15A	North Rim	46.31 315	I	Amb	20 36 36.3
GLA	Glamis	46.62 310	P	P	20 36 37.0 +2.0
MDND	Haddock	46.69 336	P	P	20 36 36.7 +1.4
KNB	Kanab	46.97 316	I	Amb	20 36 41.3
LCMT	Little Creek M	47.26 315	I	Amb	20 36 43.4
SWSC	Sam W. Stewart	47.33 309	P	P	20 36 42.6 +2.1
BC3	Pig Chuckawall	47.35 310	P	P	20 36 42.8 +2.0
PLCA	Blago Flowers	47.38 177	P	P	20 36 39.0 -1.9
TCRU	Three Creeks	47.53 318	I	Amb	20 36 45.4
MPU	Maple Canyon	47.74 320	I	Amb	20 36 46.5
V12A	Nelson	47.80 313	P	P	20 36 45.7 +1.4
V12A	Nelson	47.80 313	I	Amb	20 36 47.0
GMRC	Granite Mounta	47.98 312	P	P	20 36 47.5 +1.8
BW06	Boulder Array	48.07 324	P	P	20 36 47.4 +1.1
PDAR	Pinedale Array	48.07 324	P	P	20 36 47.5 +1.2
SCHO	Schefferville	48.13 5	P	P	20 36 47.3 +0.9
SCHO	Schefferville	48.13 5	I	Amb	20 36 48.8
SCHO	Schefferville	48.13 5	P	P	20 36 47.4 +1.1
TUQ	Turquoise Moun	48.46 312	P	P	20 36 50.8 +1.4
HEC	Hector Ludlow	48.50 311	P	P	20 36 51.6 +2.0
DUG	Dugway, Tooele	48.60 319	P	P	20 36 52.1 +1.8
SHOC	Shoshone, Teco	48.92 313	P	P	20 36 54.8 +2.1
SPR3	Spring Creek 3	48.99 317	I	Amb	20 36 56.2
GSC	Goldstone, Bar	49.05 312	P	P	20 36 55.6 +1.8
DMGT	Dagmar	49.14 333	P	P	20 36 56.0 +1.8
TPNV	Topopah Spring	49.36 314	P	P	20 36 58.3 +2.0
RLMT	Red Lake	49.37 327	P	P	20 36 57.4 +1.2
R11B	Troy Canyon, C	49.53 316	P	P	20 36 59.5 +1.9
FURC	Furnace Creek,	49.59 313	P	P	20 36 59.8 +2.1
EDW2	Edwards Air Fo	49.77 311	P	P	20 37 00.6 +1.4
MPMC	Manual Prospec	49.87 312	P	P	20 37 01.4 +1.3
CCAC	Cañal City Ar	49.90 311	I	Amb	20 37 03.0
YHL	Hebgen Lake	50.27 325	I	Amb	20 37 06.5
CWC	Cottonwood Cre	50.47 312	P	P	20 37 06.7 +2.1
ELK	Elko	50.47 319	P	P	20 37 05.4 +0.8
ELK	Elko	50.47 319	P	P	20 37 05.7 +1.0
TPH	Tonopah	50.55 315	P	P	20 37 06.5 +1.3
TPH	Tonopah	50.55 315	I	Amb	20 37 08.0
DSP	Deep Springs	50.78 314	I	Amb	20 37 09.9
BOZ	Bozeman (W)	50.97 326	P	P	20 37 09.6 +1.4
DLMT	Dillon	51.38 325	I	Amb	20 37 14.1
HLD	Hailey	51.43 322	P	P	20 37 13.0 +1.4
SMCC	Simmer	51.45 310	P	P	20 37 14.4 +2.6
NVAR	Mina Array Bea	51.47 315	P	P	20 37 13.6 +1.4
EGMT	Eggleton	51.50 329	I	Amb	20 37 14.6
EGMT	Eggleton	51.50 329	P	P	20 37 13.6 +1.6
KVN	Kaiserville	51.60 315	P	P	20 37 14.3 +1.2
MDPB	Devils Postpil	51.69 313	I	Amb	20 37 40.0
MFID	Camas Ranch	52.22 321	I	Amb	20 37 20.7
YERR	Yerington	52.37 315	I	Amb	20 37 22.7
MSO	Missoula	52.99 326	P	P	20 37 24.1 +1.0
PLWD	Pearl Lake	53.21 323	I	Amb	20 37 26.6
WVOR	Wild Horse Val	53.52 319	I	Amb	20 37 30.9
F10A	Beach Ranch, E	54.41 323	I	Amb	20 37 35.1
G08A	Pilot Rock	55.11 322	I	Amb	20 37 40.7
E09A	Wood Farm, Sta	55.24 324	I	Amb	20 37 41.2
NEW	Newport	55.58 326	P	P	20 37 42.2 +0.5
NEW	Newport	55.58 326	P	P	20 37 42.4 +0.7
YBH	Yreka Blue Hor	55.93 317	I	Amb	20 37 45.8
YBH	Yreka Blue Hor	55.93 317	P	P	20 37 44.0 -0.3
G06A	Carlson Farm,	56.12 321	I	Amb	20 37 48.8
G05A	Wamic	56.54 321	I	Amb	20 37 57.7
H04A	Detroit Lake	56.84 320	I	Amb	20 37 55.4
LTY	Liberty	57.11 323	I	Amb	20 37 55.0
BUCK	Buck Mountain	57.15 319	I	Amb	20 37 54.7
I03D	Drain, OR	57.17 318	I	Amb	20 37 56.4
LON	Longite	57.55 322	P	P	20 37 56.4 +0.8
D05A	Enunclaw	57.86 323	I	Amb	20 37 59.9

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NLWA	Neilton Lookou	59.09 322	I	Amb	20 38 09.8
B04A	Port Angeles	59.17 323	I	Amb	20 38 09.6
LLLL	Lillooet	59.46 326	I	Amb	20 38 10.8
CBB	Campbell River	61.16 324	P	P	20 38 20.7 +0.5
CBB	Campbell River	61.16 324	I	Amb	20 38 23.0
YKA	Yellowknife Ar	63.26 340	P	P	20 38 34.4 +0.4
YKA	Yellowknife Ar	63.26 340	P	P	20 38 34.6 +0.7
BBB	Bella Bella	63.65 326	I	Amb	20 38 39.6
BBB	Bella Bella	63.65 326	P	P	20 38 38.0 +1.3
HG4B	Hotspring	65.43 325	I	Amb	20 38 51.0
T35M	Bob Quinn	66.80 330	P	P	20 38 59.5 +2.5
DLBC	Dease Lake	67.31 331	P	P	20 39 01.8 +1.5
DLBC	Dease Lake	67.31 331	I	Amb	20 39 03.1
DLBC	Dease Lake	67.31 331	P	P	20 39 02.0 +1.7
DLBC	Dease Lake	67.31 331	P	P	20 39 01.2 +0.9
S34M	Telegraph Cree	67.62 331	P	P	20 39 04.0 +1.9
R33M	Jennings River	68.17 332	P	P	20 39 07.4 +1.7
SUMC	Summit	68.98 11	P	P	20 39 10.9 +0.1
SUMC	Summit	68.98 11	P	P	20 39 11.0 +0.2
P33M	Teslin, Yukon	69.36 333	P	P	20 39 15.0 +2.1
ESDC	Sonsecqa Array	69.66 50	P	P	20 39 14.8 -0.3
MMPY	Sheldon Lake,	69.69 335	P	P	20 39 16.9 +1.9
M31M	Drury Creek, Y	70.84 334	I	Amb	20 39 24.8
M31M	Drury Creek, Y	70.84 334	P	P	20 39 23.9 +2.0
N31M	Braeburn, Yuko	71.19 333	P	P	20 39 26.1 +2.1
PMSA	Palmer Station	71.73 176	P	P	20 39 26.0 -1.0
N30M	Aishik Lake	71.76 333	I	Amb	20 39 30.7
N30M	Aishik Lake	71.76 333	P	P	20 39 30.0 +2.5
M30M	Minto, Yukon	72.02 334	I	Amb	20 39 31.4
M30M	Minto, Yukon	72.02 334	P	P	20 39 30.4 +1.4
H31M	Peel River	72.26 338	P	P	20 39 31.6 +1.3
A36M	Sachs Harbour	72.43 345	P	P	20 39 31.9 +0.7
G31M	Satish River	72.69 339	P	P	20 39 34.0 +1.2
F31M	Tsiigehtich	72.72 339	I	Amb	20 39 35.0
F31M	Tsiigehtich	72.72 339	P	P	20 39 34.1 +1.2
K29M	Barlow Dome	72.78 335	P	P	20 39 35.3 +1.7
L29M	L29M	72.78 334	P	P	20 39 35.1 +1.6
INK	Inuvik	73.02 340	I	Amb	20 39 36.6
INK	Inuvik	73.02 340	P	P	20 39 35.5 +0.8
EPYK	Eagle Plains	73.38 338	I	Amb	20 39 39.4
EPYK	Eagle Plains	73.38 338	P	P	20 39 38.3 +1.4
YUK3	Moose Creek	73.39 333	P	P	20 39 39.7 +2.4
F30M	Barrier River	73.51 339	P	P	20 39 39.1 +1.5
TORD	Tordar Ar, Bea	73.74 78	P	P	20 39 38.7 -1.3
H29M	Whitestone	73.94 337	P	P	20 39 41.5 +1.3
G29M	Pin Creek	74.06 338	P	P	20 39 42.2 +1.4
M27K	Edge Creek, AK	74.20 333	I	Amb	20 39 44.5
M27K	Edge Creek, AK	74.20 333	P	P	20 39 44.4 +2.5
I28M	Miner Creek	74.29 336	P	P	20 39 43.5 +1.2
L27K	Beaver Creek	74.37 334	P	P	20 39 44.7 +2.0
E29M	Blow River	74.54 340	P	P	20 39 46.6 +1.0
K27K	Chicken	74.75 335	P	P	20 39 47.2 +2.4
F28M	Old Crow	74.97 339	P	P	20 39 47.3 +1.2
I26K	Kandik River	75.01 336	P	P	20 39 48.1 +1.7
L27K	Log Cabin Wild	75.03 334	I	Amb	20 39 50.1
L26K	Log Cabin Wild	75.03 334	P	P	20 39 48.7 +2.2
BMRM	Bremner River	75.11 331	P	P	20 39 49.2 +2.1
H27K	Steamboat Moun	75.16 337	P	P	20 39 48.3 +1.1
E28M	Babbage River	75.19 340	P	P	20 39 48.0 +0.7
G27K	Doyon Strip	75.38 338	P	P	20 39 49.4 +0.9
I26K	Coal Creek Min	75.54 336	P	P	20 39 50.8 +1.4
SCRK	Sand Creek	75.55 335	P	P	20 39 51.7 +2.1
E27K	Coleen River	75.77 339	P	P	20 39 52.1 +1.4
J25K	Salcha River,	76.28 335	P	P	20 39 55.3 +1.6
PRP	Porcupine Dome	76.56 336	P	P	20 39 56.8 +1.5
F26K	Sheenjek River	76.56 338	P	P	20 39 56.6 +1.4
M23K	Glacier View	76.75 332	P	P	20 39 57.9 +1.6
PWL	Port Wells	76.88 331	P	P	20 39 58.5 +1.5
HDA	Harding Lake	76.91 335	P	P	20 39 58.0 +0.9
ILAR	Eielson Array	76.95 335	P	P	20 39 57.8 +0.4
SML	Sawmill	77.03 332	P	P	20 39 59.6 +1.6
G25K	Beamman Lake	77.07 337	P	P	20 40 00.0 +2.1
F25K	Christian River	77.09 338	P	P	20 40 00.0 +1.9
GHO	Glory Hole Cre	77.31 332	I	Amb	20 40 01.7
RNS	Reindeer	77.55 333	I	Amb	20 40 03.5
H24K	Noodor Dome	77.58 336	P	P	20 40 02.7 +1.8
MCK	McKinley	77.64 334	P	P	20 40 02.7 +1.5
D25K	Kavik River	77.76 340	P	P	20 40 03.4 +1.6
NEA2	Nenana	77.84 335	P	P	20 40 03.7 +1.4
F24K	Squaw Lake	77.91 338	P	P	20 40 04.8 +2.1
I23K	Minto, Yukon-K	78.06 335	I	Amb	20 40 05.8
I23K	Minto, Yukon-K	78.06 335	P	P	20 40 05.0 +1.5
SUA	Susitna One	78.12 331	P	P	20 40 05.7 +1.7
TRF	Troutline Moun	78.19 333	P	P	20 40 06.0 +1.5

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E24K	Your Creek	78.25 338	P	P	20 40 07.2 +2.7
H23K	Yukon River	78.25 336	P	P	20 40 06.3 +1.7
G23K	Banana Creek	78.59 337	P	P	20 40 08.7 +2.2
BPWA	Bear Paw Mtn.	78.59 334	P	P</	



20d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like White River Ci, San Rafael Swe, Casper, etc.

GCMT 04 20:58:41.9-0.4, 41.46S;0.04-85.52W;0.04, h14km, 1km, MW4.877, Moment Tensor Solution, s18,c22; s77,c93; Duration: 0 Moment tensor; Scale: 1019Nm; Mr=1.68; -15; Mw=0.62; 09; Mw=1.07; 10; Mw=0.09; 30; Mw=0.65; 07; Mw=0.74; 24; Best double couple; M1: 767000; 1016 NP1=0.335,00000; s57.00000; -79.00000; NP2: 0.135,00000; s35.00000; -107.00000; Principal axes: T 1.6630, Plg11.0000; Azm57.0000; N 0.2150, Plg9.0000; Azm149.0000; P -1.8700, Plg75.0000; Azm278.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 04 20:58:42.6; 1.0, 41.47S;85.57W, h0km, mb4.3/8, mbmp4.3/10, ML3.7/2, MS4.0/29 Error ellipse: s-maj=31.2km s-min=19.2km az=107.0 NEIC 04 20:58:42.9; 1.5, 41.43S;84.1854W;0.2, h10km, 1km, mb4.7/46, Error ellipse: s-maj=21.9km s-min=17.7km az=282.0 ISC 04 20:58:44.9-0.6, 41.37S;0.08-85.4W;0.1, h14km, n108, s135/84, mb4.6/30, MS4.0/28, 5C-1D, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Juan Fernandez, Curarrehue, Paso Flores, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATAH Atahualpa, ETMB Extrema, MCRA Macar, LOJA, COHC Cochacay, BDFB Brasilia, BELA Belgrano, VNA3 Neumayer Olymp, ROSO El Rosal, VNA1 Neumayer-1st, VNA2 Neumayer-Watz, QSPA South Pole Qui, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, SNAAS Sanae, BOAV Boa Vista, TROLL Troll, Antarti, JTS Las Juntas de, SDV Santo Domingo, VNA2 Vanda, VNA1 Vanda, VNA2 Vanda, PCRV Puerto La Cruz, MDP Montagnes des, MTO3 Montecristo, RCBR Riachuelo, ELIB Princess Elisa, PPT2 Papeete, PPT2 Papeete, PPT1 Papeete, PPT1 Papeete, URZ Urewera, RPZ Rata Peaks, HNDO Hondo, DRIO Del Rio, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar, TX32 Lajitas Ar, TX32 Lajitas Ar, SAND Sanderson, JCT Junction City, ALPN Alpine, OZNA Ozona, WHTX Lake Whitney, Z51A Franklin, FW07 Weatherford, APMT Aspermont, APMT Aspermont, MSTX Muleshoe, AFI Afiamalu, ANMO Albuquerque, X18A Snowflake, T25A Trinidad, S22A 4UR Ranch, Cre, SHPR Sheep Range, HMU Henry Mountain, G3Y Greenwater Val, G3Y Greenwater Val, SMCO Snowmass, NLU North Lily Mt, NZM NZM, DZM Mont Dzumac, HLD Halley, KOWA Kowa, TORD Torodi Ar, CLL Collin, BRTR Keskin Array B, MAJO Matus-Tunnel, MJB5 Matus-Tunnel, GEYT Alikeck, IDC 04 21:00:39.7; 2.2, 5.76S;130.50E, h0km, mb3.5/1, mbmp3.5/3, ML3.7/2, Error ellipse: s-maj=104.3km s-min=31.6km az=70.0, Banda Sea

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alifanalu, MKAR Makanchi Array, NEIC 04 21:03:21.4; 2.8, 17.7S;0.1; 178.5W;0.1, h533km, 7km, mb4.1/47, Error ellipse: s-maj=18.6km s-min=15.2km az=138.0 NOU 04 21:03:21.7; 1.7; 59S;178.41W, h559km, mb4.5/12, Fiji Islands Region, IDC 04 21:03:24.7; 1.0, 17.54S;178.72W, h570km, 10km, mb3.5/12, mbmp4.4/14, Error ellipse: s-maj=22.2km s-min=13.2km az=144.0 ISC 04 21:03:22.0-0.4, 17.63S;0.08;178.53W;0.08, h547km, n117, s190/117, mb4.1/36, 4C, Fiji Islands region

Table with columns: Station Name, Elevation, Azimuth, Phase, Time, Residual. Includes stations like Denali Highway, Mawson, Edge Creek, etc.

NEIC 04 21:05:02.1±1.5, 60.67°N, 0.03±0.151°W, 0.05, h69km±2km, Error ellipse: s-maj=4.0km s-min=3.6km az=192.0
AEIC 04 21:05:03.1±1.6, 60.68°N, 0.02±0.151°W, 0.05, h68km±5km, M.L.4.1, mb4.1/6(NEIC), M.L.4.3/178(NEIC), Error ellipse: s-maj=3.9km s-min=2.7km az=225.0
IDC 04 21:05:04.1±1.2, 60.62°N, 150.99°W, h88km±15km, mb3.5/11, mtm3.9/16, MS2.9/4, Error ellipse: s-maj=2.0km s-min=1.0km az=114.0

Table with columns: Code, Station Name, Elevation, Azimuth, Phase, Time, Residual. Includes stations like CAPN, SKLM, RDT, FIS, SPU, N20K, SPCR, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase, Time, Residual. Includes stations like SEW, HOM, CNPM, ILSW, PMR, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase, Time, Residual. Includes stations like KAHC, Q18K, KTH, RND, N17K, etc.

4d 21h

MCARA	McCarthy VSAT	4.02	76	Pn	Pn	21 06 00.7	-0.6
MCARA	McCarthy VSAT	4.02	76	P	Pn	21 06 01.0	-0.3
PLK1	Peulik 1	4.02	226	Pn	Pn	21 06 00.4	-0.9
NEA2	Nenana	4.04	13	Pn	Pn	21 06 01.7	+0.3
NEA2	Nenana	4.04	13	P	Pn	21 06 01.4	0.0
WRH	Wood River Hill	4.05	19	Pn	Pn	21 06 02.3	+0.6
WRH	Wood River Hill			IAML		21 06 06.2	
R17K	Ugashik Creek	4.07	224	Pn	Pn	21 06 02.1	+0.2
R17K	Ugashik Creek	4.07	224	P	Pn	21 06 02.1	+0.2
TGL	Tana Glacier	4.10	85	Pn	Pn	21 06 01.2	-1.1
TGL	Tana Glacier			IAML		21 07 09.7	
TGL	Tana Glacier			IAML		21 07 11.3	
L16K	Owhat River	4.15	288	Pn	Pn	21 06 02.2	-0.8
L16K	Owhat River	4.15	288	P	Pn	21 06 02.2	-0.8
SNH	Sunshine Point	4.16	93	Pn	Pn	21 06 02.7	-0.5
SNH	Sunshine Point			IAML		21 07 19.1	
SNH	Sunshine Point			IAML		21 07 23.0	
MENT	Mentasta	4.19	54	Pn	Pn	21 06 03.7	+0.1
MENT	Mentasta			IAML		21 07 16.1	
HDA	Harding Lake	4.21	26	Pn	Pn	21 06 05.0	+1.1
HDA	Harding Lake			IAML		21 07 05.1	
HDA	Harding Lake			IAML		21 07 17.5	
HDA	Harding Lake	4.21	26	P	Pn	21 06 04.9	+1.1
CCB	Clear Creek Bu	4.26	20	Pn	Pn	21 06 05.0	+0.5
M26K	Nabesna, AK	4.27	63	Pn	Pn	21 06 05.7	+0.9
M26K	Nabesna, AK			IAML		21 07 19.6	
M26K	Nabesna, AK	4.27	63	P	Pn	21 06 05.4	+0.7
PTPK	Patty Peak	4.28	80	Pn	Pn	21 06 04.7	-0.3
KIAG	Kiagna River	4.32	83	Pn	Pn	21 06 04.6	-1.0
MLY	Manley	4.36	2	Pn	Pn	21 06 06.3	+0.3
MLY	Manley			IAML		21 06 59.6	
MLY	Manley	4.36	2	P	Pn	21 06 06.6	+0.6
L26K	Log Cabin Wild	4.38	54	Pn	Pn	21 06 06.8	+0.6
L26K	Log Cabin Wild			IAML		21 07 18.1	
L26K	Log Cabin Wild			IAML		21 07 38.8	
L26K	Log Cabin Wild	4.38	54	P	Pn	21 06 07.1	+0.9
I20K	Naaghedeneel	4.39	341	Pn	Pn	21 06 06.7	+0.4
I20K	Naaghedeneel	4.39	341	P	Pn	21 06 06.7	+0.4
SII	Sitkinak Islan	4.43	202	Pn	Pn	21 06 05.9	-1.0
SII	Sitkinak Islan			IAML		21 07 32.1	
SII	Sitkinak Islan			IAML		21 07 32.1	
SII	Sitkinak Islan	4.43	202	P	Pn	21 06 05.9	-1.0
N15K	Kwethluk River	4.45	267	Pn	Pn	21 06 07.1	-0.1
N15K	Kwethluk River	4.45	267	P	Pn	21 06 07.1	-0.1
TCOL	CIGO, UAF Yank	4.46	18	Pn	Pn	21 06 08.4	+1.1
TCOL	CIGO, UAF Yank	4.46	18	P	Pn	21 06 08.0	+0.7
COLA	College	4.47	18	Pn	Pn	21 06 08.4	+1.1
COLA	College	4.47	18	P	Pn	21 06 08.7	+1.4
YDM	Murphy Dome	4.49	16	Pn	Pn	21 06 08.4	+0.7
YDM	Murphy Dome			IAML		21 07 08.3	
I21K	Tanana	4.52	356	Pn	Pn	21 06 08.8	+0.7
I21K	Tanana			IAML		21 07 05.0	
I21K	Tanana			IAML		21 07 05.4	
I21K	Tanana	4.52	356	P	Pn	21 06 08.4	+0.3
IL31	Eielson Array	4.54	24	Pn	Pn	21 06 09.3	+0.9
ILAR	Eielson Array	4.54	24	P	Pn	21 06 09.2	+0.7
ILAR	Eielson Array			Sn		21 06 59.1	-0.7
ILAR	Eielson Array			Sn		21 07 48.6	
I23K	Minto, Yukon-K	4.55	10	Pn	Pn	21 06 08.6	+0.1
I23K	Minto, Yukon-K			IAML		21 07 21.2	
I23K	Minto, Yukon-K	4.55	10	P	Pn	21 06 08.7	+0.3
MESA	MESA	4.60	92	Pn	Pn	21 06 09.2	-0.1
MESA	MESA			IAML		21 07 05.7	
MESA	MESA	4.60	92	P	Pn	21 06 09.1	-0.2
J17K	VABM Dome	4.61	310	Pn	Pn	21 06 09.3	0.0
J17K	VABM Dome	4.61	310	P	Pn	21 06 09.3	0.0
GRNC	Granite Creek	4.62	85	Pn	Pn	21 06 09.1	-0.7
GRNC	Granite Creek			IAML		21 07 05.5	
GRNC	Granite Creek			IAML		21 07 25.3	
BARN	Barnard Glacier	4.66	81	Pn	Pn	21 06 09.7	-0.5
BARN	Barnard Glacier			IAML		21 07 26.7	
BARN	Barnard Glacier			IAML		21 07 30.9	
YAH	Yahtse	4.67	90	Pn	Pn	21 06 08.8	-1.5
YAH	Yahtse			IAML		21 07 35.1	
YAH	Yahtse			IAML		21 07 47.7	
M15K	Kasigulik River	4.68	274	P	Pn	21 06 09.6	-0.7
M15K	Kasigulik River	4.68	274	P	Pn	21 06 09.6	-0.7
SCRK	Sand Creek	4.70	42	Pn	Pn	21 06 10.4	-0.2
SCRK	Sand Creek			IAML		21 07 21.8	
SCRK	Sand Creek			IAML		21 07 22.0	
SCRK	Sand Creek	4.70	42	P	Pn	21 06 10.9	+0.3
M27K	Edge Creek, AK	4.75	65	Pn	Pn	21 06 11.8	+0.5
M27K	Edge Creek, AK	4.75	65	P	Pn	21 06 12.0	+0.6
J25K	Salcha River,	4.76	32	Pn	Pn	21 06 12.5	+1.1
J25K	Salcha River,			IAML		21 07 20.4	
J25K	Salcha River,			IAML		21 07 26.3	
J25K	Salcha River,	4.76	32	P	Pn	21 06 12.3	+0.9
POKR	Poker Plat Res	4.76	19	Pn	Pn	21 06 11.9	+0.6
POKR	Poker Plat Res	4.76	19	P	Pn	21 06 12.1	+0.7
CTG	Chitina Glacier	4.82	82	P	Pn	21 06 11.9	-0.4
CTGM	Chitina Glacie	4.82	82	Pn	Pn	21 06 11.5	-0.9
CTGM	Chitina Glacie			IAML		21 07 41.8	
GCSA	Galena City Sc	4.84	330	P	Pn	21 06 12.8	+0.3
GCSA	Galena City Sc	4.84	330	P	Pn	21 06 12.8	+0.3
RKAV	Rock Avalanche	4.87	90	Pn	Pn	21 06 12.2	-0.9
LOGN	Logan Glacier	4.99	84	Pn	Pn	21 06 14.0	-0.6
LOGN	Logan Glacier			IAML		21 07 45.0	
LOGN	Logan Glacier			IAML		21 07 47.9	
L27K	Beaver Creek,	5.02	58	Pn	Pn	21 06 14.8	-0.1
L27K	Beaver Creek,	5.02	58	P	Pn	21 06 15.2	+0.3
BCAR	Beaver Creek A	5.04	58	Pn	Pn	21 06 15.2	0.0
H21K	Melozitna Rive	5.04	352	P	Pn	21 06 16.1	+0.8
H21K	Melozitna Rive			IAML		21 07 18.3	
H21K	Melozitna Rive	5.04	352	P	Pn	21 06 16.1	+0.8

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L15K	Ungalak Mounta	5.09	286	Pn	Pn	21 06 15.1	-0.8
L15K	Ungalak Mounta	5.09	286	P	Pn	21 06 15.1	-0.8
H20K	Anotieneega Mo	5.11	342	P	Pn	21 06 16.4	+0.3
H20K	Anotieneega Mo	5.11	342	P	Pn	21 06 16.4	+0.3
YUK2	White River	5.11	73	Pn	Pn	21 06 16.4	+0.2
J16K	Anvik River	5.15	304	Pn	Pn	21 06 16.6	-0.1
J16K	Anvik River	5.15	304	P	Pn	21 06 16.6	-0.1
SAMH	Samovar Hills	5.18	92	Pn	Pn	21 06 16.5	-0.7
J26L	Joseph Creek	5.19	39	Pn	Pn	21 06 17.9	+0.5
J26L	Joseph Creek			IAML		21 07 32.2	
J26L	Joseph Creek			IAML		21 07 32.4	
J26L	Joseph Creek	5.19	39	P	Pn	21 06 17.8	+0.5
H23K	Yukon River	5.21	7	Pn	Pn	21 06 19.4	+1.9
H23K	Yukon River			IAML		21 07 22.4	
H23K	Yukon River			IAML		21 07 24.2	
H23K	Yukon River	5.21	7	P	Pn	21 06 18.3	+0.8
K15K	Wolf Creek Mou	5.22	292	Pn	Pn	21 06 17.4	-0.2
K15K	Wolf Creek Mou	5.22	292	P	Pn	21 06 17.4	-0.2
H22K	Ishlitalina Cre	5.23	359	Pn	Pn	21 06 18.2	+0.4
H22K	Ishlitalina Cre	5.23	359	P	Pn	21 06 18.2	+0.4
O14K	Tiguykaiuvit M	5.27	259	P	Pn	21 06 18.4	+0.1
O14K	Tiguykaiuvit M	5.27	259	P	Pn	21 06 18.4	+0.1
N14K	Kuskokwak Cree	5.29	266	Pn	Pn	21 06 18.6	+0.1
N14K	Kuskokwak Cree	5.29	266	P	Pn	21 06 18.6	+0.1
M14K	Bethel	5.30	275	Pn	Pn	21 06 18.4	-0.3
M14K	Bethel	5.30	275	P	Pn	21 06 18.4	-0.3
H24K	Noodor Dome	5.38	15	Pn	Pn	21 06 21.1	+1.3
H24K	Noodor Dome			IAML		21 07 25.2	
H24K	Noodor Dome			IAML		21 07 25.9	
H24K	Noodor Dome	5.38	15	P	Pn	21 06 20.6	+0.8
O28M	Mount Upton	5.39	84	Pn	Pn	21 06 19.9	-0.3
O28M	Mount Upton	5.39	84	P	Pn	21 06 19.9	-0.3
K27K	Chicken	5.40	48	Pn	Pn	21 06 20.4	+0.3
K27K	Chicken	5.40	48	P	Pn	21 06 20.4	+0.3
H19K	Roundabout Mou	5.41	336	Pn	Pn	21 06 20.6	+0.4
H19K	Roundabout Mou	5.41	336	P	Pn	21 06 20.6	+0.4
CHIR	Chirikof Islan	5.42	208	Pn	Pn	21 06 20.5	+0.1
CHIR	Chirikof Islan			IAML		21 09 19.4	
IMAR	Indian Mountai	5.44	349	Pn	Pn	21 06 20.9	+0.3
PCA	Pinnacle	5.44	92	Pn	Pn	21 06 21.5	+0.7
PINM	Pinnacle	5.45	92	P	Pn	21 06 21.5	+0.7
PRP	Porcupine Dome	5.48	25	Pn	Pn	21 06 22.4	+1.0
PRP	Porcupine Dome	5.48	25	P	Pn	21 06 22.3	+1.0
H17K	Unalakleet	5.48	310	Pn	Pn	21 06 21.7	+0.5
H17K	Unalakleet	5.48	310	P	Pn	21 06 21.7	+0.5
H18K	Honhosa River	5.55	327	Pn	Pn	21 06 22.9	+0.7
H18K	Honhosa River	5.55	327	P	Pn	21 06 22.9	+0.7
YUK8	Steele Glacier	5.58	79	Pn	Pn	21 06 23.9	+1.0
YUK8	Steele Glacier	5.58	79	P	Pn	21 06 23.9	+1.0
L14K	Kuka Creek	5.64	282	Pn	Pn	21 06 23.3	-0.1
L14K	Kuka Creek	5.64	282	P	Pn	21 06 23.3	-0.1
BCPM	Bancas Point	5.78	92	Pn	Pn	21 06 25.5	+0.2
CHGN	Chignik	5.81	224	Pn	Pn	21 06 25.5	-0.2



mbtmp4.2/10, Error ellipse: s-maj=28.2km s-min=15.2km az=49.0  
NEIC 04 21:07:21.6; 1.3, 56; 2S: 0.1; 27; 5W: 0.2; 1134km, 7km,  
mb4.4/14, Error ellipse: s-maj=21.2km s-min=15.6km  
az=225.0

ISC 04 21:07:19.1; 0.5, 56; 02S: 0.09; 27; 4W: 0.1; 1112km, n108,  
c#658/106, mb4.3/14, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Rows include HOPE, ESPZ, VNA1, VNA3, VNA2, SNA2, SNA3, TROLL, BELA, PLTB, QSPA, MT09, CFA, MT02, MAW, LVC, LVC, PB07, VNA, VNA, PB02, SIV, GO01, LPZA, LPZA, BOAV, DBIC, KOWA, TOAO, TORD, ASAR, FINES, CMAR, ARCES, MKAR, ZALV, A36M, N30M, M30M, H31M, H31M, F31M, F31M, G31M, J30M, J30M, INK, INK, INK, M29M, M29M, L29M, I30M, I30M, K29M, K29M, G30M, EPYK, F30M, DAWY, H29M, G29M, G29M, E29M, I28M, L27K, K27K, F28M, F28M, I27K, H27K, G27K, J26L, D27M, I26K, I26K, SCRK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Rows include E27K, G26K, F26K, PWL, WAT6, SML, ILAR, F25K, E25K, G24K, G24K, H24K, MCK, KDAK, SONM, F24K, NEA2, I23K, TRF, TOLK, G23K, BPAW, BPAW, BPAL, PPLA, CAST, CHUM, H21K.

ISC 04 21:47:47.0; 12.0, 2.0; 24N: 124; 36E; h378km, 146km,  
mb3.1/6, mbtmp3.9/6, Error ellipse: s-maj=152.0km  
s-min=26.1km az=65.0

ISC 04 21:47:37.1; 1.0, 2.2; 2N: 0.5; 124E; h268km, n6, c1938/6,  
mb3.6/6, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Rows include WRA, ASAR, STKA, SONM, MKAR, ARCES.

ISC 04 21:53:14.4; 0.6, 60; 70S: 26; 49W; h0km, mb4.6/10,  
mbtmp4.6/10, MS4.0/19, Error ellipse: s-maj=24.1km  
s-min=16.9km az=35.0

NEIC 04 21:53:16.2; 1.4, 60; 68S: 0; 07; 26; 1W: 0.2; h10km, 1km,  
mb5.0/12, Error ellipse: s-maj=20.1km s-min=8.8km  
az=63.0

ISC 04 21:53:15.9; 0.4, 60; 77S: 0; 08; 26; 25W; 0.09, h10km, n159,  
c#171/140, mb4.8/13, MS4.0/17, 6C-2D, South Sandwich  
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Rows include HOPE, ORCD, VNA1, VNA3, VNA2, VNA2, SNA2, SNA3, SNA4, SNA4, SNA4, TROLL, BELA, BELA, PMSA, USHA, QSPA, PLCA, MAW, MAW, MAW, ITOB, MT01, CFA, CFA, CPUP, CPUP, SUR, VNA, VNA, VNA, H04S2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Rows include H04S3, H04S1, BOSA, LVC, CASV, SIV, LPZA, LPZA, LPZA, ETMB, OPO, ATAH, MDP, DBIC, ROSC, PCRV, TOAO, TORD, KOWA, KOWA, SDV, ASAR, ASAR, WRA, CTA, CMAR, FINES, ARCES, YKA, R33M, TGNT, Q32M, EUNU, R32K, P33M, P32M, MMPY, WHY, WHY, Q30N, Q30N, M31M, P29M, P29M, N31M, N31M, HYT, HYT, N30M, A36M, A36M, M30M, M30M, PINM, H31M, H31M, O28M, YUK8, M29M, M29M, J30M, J30M, L29M, K29M, K29M, G31M, F31M, F31M, I30M, I30M, CTG, INK, INK, INK, EPYK, EPYK, G30M, G30M, DAWY, DAWY, F30M, SONM, I29M, M27K, M27K, MCARA, H29M, H29M, BCAR, L27K, L27K, G29M, G29M, M26K, M26K, I28M, I28M.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BMRM, E29M, K27K, N25K, EYAK, L26K, KRSR, I27K, F28M, KLU, H27K, E28M, SCRL, J6R, G27K, I26K, M24K, E27K, D27M, G25K, J25K, G26K, WAT5, PRP, F26K, ILAR, M22K, G25K, E25K, G24K, NEA2, D25K, F24K, BPAW, E24K, G23K, TOLK, H22K.

SJA 04 21:55:17.5-0.7, 19:28S:70.14W, h82km, 5km, ML5.4, MW5.0
MOS 04 21:55:17.3-1.2, 19:18S:69.92W, h59km, m5.6/18, Error ellipse: s-maj=13.1km s-min=6.5km az=107.9
VAO 04 21:55:19.6-0.2, 19:19S:69.80W, h63km, m5.4
NEIC 04 21:55:19.2-0.0, 19:26S:0.03-70.01W, 0.08, h61km, 2km, m5.6/54.1, Mw5.1/39, Mww5.2/19, Mw5.2(GUC), Error ellipse: s-maj=10.4km s-min=4.3km az=83.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn=-5.74; Mw=0.05; Ms=5.69; Mx=0.14; My=-2.32; Mz=1.13; Fault plane solution: Me: 2.67000x10^16 NP1; P: 154.420000, S: 84.058000, N: -98.750000. NP2: 345.880000, S: 49.990000, N: -82.570000. Principal axes: T: 6.6006, Plg5.0000, Azm71.0000; N: -0.7263, Plg6.0000, Azm161.0000; P: -5.8743, Plg83.0000, Azm301.0000.
NEIC 04 21:55:19.1, 19:46S:70.11W, h60km, Moment Tensor Solution. Duration: 19. Moment tensor: Scale 10^16Nm; Mn=-7.48; Mw=1.13; Ms=8.61; Mx=-1.14; My=2.87; Mz=0.21; Fault plane solution: Me: 8.55000x10^16 NP1; P: 154.800000, S: 84.759000, N: -103.900000. NP2: 354.940000, S: 84.220000, N: -75.270000. Principal axes: T: 9.4125, Plg2.0000, Azm255.0000; N: -1.7263, Plg10.0000, Azm164.0000; P: -7.6862, Plg80.0000, Azm354.0000.
NEIC 04 21:55:19.1, 19:26S:70.00W, h60km
GUC 04 21:55:20.4-0.5, 19:29S:70.08W, h71km, 3km, ML5.2
NEIC 04 21:55:21.3, 19:15S:70.08W, h74km
GCM1 04 21:55:22.0-0.2, 19:23S:0.01-70.22W, 0.01, h105km, 1km, MW5.2/116, Moment Tensor Solution. s83,c110; s116,c176; Duration: 150. Moment tensor: Scale 10^17 Nm; Mn=-0.52x10^17; Mw=-0.43x10^17; Ms=0.94x10^17; Mx=0.12x10^17; My=0.28x10^17; Mz=0.30x10^17; Best double couple: Me: 0.87500x10^17 NP1, 19.00000x10^16, 0.650000x10^17, -0.480000x10^17. NP2: 134.00000x10^16, 0.480000x10^17, -1.450000x10^17. Principal axes: T: 1.0480, Plg10.0000, Azm80.0000; N: -0.3430, Plg37.0000; P: 1.780000x10^17, -0.7030, Plg51.0000; Azm338.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment rate function
BJJ 04 21:55:22.0-0.0, 19:40S:69.90W, h80km, m5.1/4, Ms5.1/3, Ms7.4/7
ISC 04 21:55:18.9-0.3, 19:28S:0.02-69.99W, 0.04, h68km, 2km, h68km; pP, N1183, c125/1101, m5.5/301, 13C-31D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TA02, TA01, TA03, TA04, TA05, TA06, TA07, TA08, TA09, TA10, TA11, TA12, TA13, TA14, TA15, TA16, TA17, TA18, TA19, TA20, TA21, TA22, TA23, TA24, TA25, TA26, TA27, TA28, TA29, TA30, TA31, TA32, TA33, TA34, TA35, TA36, TA37, TA38, TA39, TA40, TA41, TA42, TA43, TA44, TA45, TA46, TA47, TA48, TA49, TA50, TA51, TA52, TA53, TA54, TA55, TA56, TA57, TA58, TA59, TA60, TA61, TA62, TA63, TA64, TA65, TA66, TA67, TA68, TA69, TA70, TA71, TA72, TA73, TA74, TA75, TA76, TA77, TA78, TA79, TA80, TA81, TA82, TA83, TA84, TA85, TA86, TA87, TA88, TA89, TA90, TA91, TA92, TA93, TA94, TA95, TA96, TA97, TA98, TA99, TA100, TA101, TA102, TA103, TA104, TA105, TA106, TA107, TA108, TA109, TA110, TA111, TA112, TA113, TA114, TA115, TA116, TA117, TA118, TA119, TA120, TA121, TA122, TA123, TA124, TA125, TA126, TA127, TA128, TA129, TA130, TA131, TA132, TA133, TA134, TA135, TA136, TA137, TA138, TA139, TA140, TA141, TA142, TA143, TA144, TA145, TA146, TA147, TA148, TA149, TA150, TA151, TA152, TA153, TA154, TA155, TA156, TA157, TA158, TA159, TA160, TA161, TA162, TA163, TA164, TA165, TA166, TA167, TA168, TA169, TA170, TA171, TA172, TA173, TA174, TA175, TA176, TA177, TA178, TA179, TA180, TA181, TA182, TA183, TA184, TA185, TA186, TA187, TA188, TA189, TA190, TA191, TA192, TA193, TA194, TA195, TA196, TA197, TA198, TA199, TA200, TA201, TA202, TA203, TA204, TA205, TA206, TA207, TA208, TA209, TA210, TA211, TA212, TA213, TA214, TA215, TA216, TA217, TA218, TA219, TA220, TA221, TA222, TA223, TA224, TA225, TA226, TA227, TA228, TA229, TA230, TA231, TA232, TA233, TA234, TA235, TA236, TA237, TA238, TA239, TA240, TA241, TA242, TA243, TA244, TA245, TA246, TA247, TA248, TA249, TA250, TA251, TA252, TA253, TA254, TA255, TA256, TA257, TA258, TA259, TA260, TA261, TA262, TA263, TA264, TA265, TA266, TA267, TA268, TA269, TA270, TA271, TA272, TA273, TA274, TA275, TA276, TA277, TA278, TA279, TA280, TA281, TA282, TA283, TA284, TA285, TA286, TA287, TA288, TA289, TA290, TA291, TA292, TA293, TA294, TA295, TA296, 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GUY2G	Guayana, Caldas	24.92 347	eP	P	22 00 34.6	-1.7
DIAM	Diamantina, MG	24.93 92	eP	P	22 00 34.0	-2.0
VAS01	Vassouras-RJ	24.99 101	eP	P	22 00 36.5	+0.1
SDBA	SAO DESIDERIO	25.07 78	eP	P	22 00 34.4	-2.8
SPBC	San Pablo de B	25.10 350	eP	P	22 00 34.5	-3.0
NORC	Norcastelo, AP	25.15 46	eP	P	22 00 36.9	+1.4
AY01	Puyuhuari	25.16 184	eP	P	22 00 36.8	-0.9
PIZC	Pizarro, Choco	25.16 343	eP	P	22 00 40.4	+2.5
RUSC	La Rusia	25.20 333	eP	P	22 00 38.9	0.0
TAMC	Tame, Arauca	25.22 356	eP	P	22 00 41.5	-0.6
CBOC	Ciudad Bolivar	25.28 346	eP	P	22 00 41.3	-1.5
MCPB	Macapá, AP	25.75 45	eP	P	22 00 42.7	+0.6
HEL3	Santa Helena	25.69 347	eP	P	22 00 42.0	-3.0
BARC	Barichara	25.90 353	eP	P	22 00 45.1	+0.2
DUB01	Friburgo-RJ	25.98 101	eP	P	22 00 45.8	+0.4
PAMC	Pamploña, Colo	26.59 354	eP	P	22 00 49.6	-1.8
DB3C	Dabeiba	26.59 346	eP	P	22 00 52.7	+0.5
ZARC	Zaragoza, Cauc	27.03 349	eP	P	22 00 53.0	-1.9
TMAB	Tom-Au,PA,Br	27.23 55	eP	P	22 00 57.8	+1.1
SJMB	Sao Joao De Ma	27.23 94	eP	P	22 00 56.1	-0.6
UREC	San Jos de Ur	27.41 348	eP	P	22 00 55.1	-3.1
ALF01	Guarapari-ES	27.53 98	eP	P	22 00 59.0	+0.3
APAC	Apartado, Choc	27.78 346	eP	P	22 01 01.9	+0.4
RIB01	Linhares ES	27.92 95	eP	P	22 01 01.1	-1.8
SDV	Santo Domingo	28.00 359	eP	P	22 01 02.2	-1.5
SDV	Santo Domingo	28.00 359	eP	P	22 00 59.4	-4.3
SDV	Santo Domingo	28.00 359	eP	P	22 01 03.1	-0.6
SDV	Santo Domingo	28.00 359	eP	P	22 01 02.6	-1.1
SDV	comp=Z,10nm,0.4s,baz=180,slow=7.7,SNR=12			LR	22 13 02.7	
LCBC	comp=Z,720nm,19.9s,baz=176,slow=39			LR		
GU01	Guaratininga, BA	28.66 347	eP	P	22 01 07.2	-2.1
ARGC	Ariguaní, Magd	28.83 90	eP	P	22 01 10.2	-0.8
SJCC	San Jacinto, C	29.26 351	eP	P	22 01 12.3	-2.4
MDP	Montañas des	29.44 350	eP	P	22 01 13.2	-3.2
MDP	comp=Z,6.2nm,0.5s,baz=222,slow=1.0,SNR=12			LR	22 01 16.9	-1.3
MDP	comp=Z,893nm,18.9s,baz=218,slow=38			LR	22 13 47.5	
ABR01	Abril, BA	29.67 93	eP	P	22 01 17.6	-0.8
PCRV	Puerto La Cruz	29.75 11	eP	P	22 01 18.2	-0.8
PCRV	comp=Z,4.3nm,0.3s,baz=182,slow=11,SNR=7.2			LR	22 14 11.3	
BCIP	Isla Barro Col	29.89 340	eP	P	22 01 20.5	+0.3
SMRC	Santa Marta, M	30.54 352	eP	P	22 01 24.6	-1.4
BRU2	Volcan	30.58 353	Iamb	Iamb	22 02 25.9	
URIC	comp=Z,53nm,0.4s					
GRGR	Uribia, Colomb	30.85 356	eP	P	22 01 22.7	-6.0
JTS	Las Juntas de	32.28 15	eP	P	22 01 40.3	-1.1
JTS	Las Juntas de	32.88 332	eP	P	22 01 47.5	+0.9
JTS	Las Juntas de	32.88 332	iP	P	22 01 48.6	+2.0
JTS	Las Juntas de	32.88 332	eP	LR	22 01 45.8	-0.8
JTS	comp=Z,34nm,19.7s,baz=182,slow=37			LR	22 15 33.7	
DUNO	Dulce Nombre,	32.94 331	Iamb	Iamb	22 02 14.3	
COVE	Coope Vega, S	33.02 333	P	Iamb	22 01 49.1	+1.2
COVE	comp=Z,81nm,0.9s			Iamb	22 02 01.1	
ORTG	Ortega, Santa	33.17 331	P	P	22 01 50.0	+0.8
ACON	Acocaya	34.47 333	P	P	22 02 00.6	+0.2
ACON	Acocaya	34.47 333	eP	Iamb	22 02 01.1	+0.8
FDV	Fort de France	34.91 15	Iamb	Iamb	22 03 02.1	
FDV	Fort de France	34.91 15	P	P	22 02 02.0	-2.2
RCBR	Riachuelo	35.77 73	eP	LR	22 02 11.9	+0.1
RCBR	Riachuelo	35.77 73	eP	LR	22 17 59.8	
RPN	Rapa Nui	36.87 250	LR	LR	22 13 42.6	
TGUH	Tegucigalpa,Un	37.24 332	P	Iamb	22 02 24.5	+0.2
TGUH	comp=Z,96nm,1.1s			Iamb	22 02 51.3	
SJG	San Juan	37.35 6	eP	LR	22 02 21.9	-3.0
SJG	San Juan	37.35 6	LR	LR	22 02 28.3	
SJG	San Juan	37.35 6	LR	LR	22 02 23.2	-1.8
MTDJ	Mount Denham	38.00 348	P	Iamb	22 02 30.7	+0.1
MTDJ	comp=Z,69nm,0.8s			Iamb	22 02 31.9	
MTDJ	Mount Denham	38.00 348	eP	P	22 02 30.4	-0.2
GTBY	Guantanamo Bay	39.29 352	Iamb	Iamb	22 02 41.6	
TEIG	Tepeich	43.16 334	P	Iamb	22 03 12.3	-0.7
TEIG	Tepeich	43.16 334	P	Iamb	22 03 14.7	
TEIG	comp=Z,76nm,0.8s					
TEIG	Tepeich	43.16 334	eP	P	22 03 12.2	-0.7
TEIG	Tepeich	43.16 334	LR	LR	22 21 24.3	
TEIG	comp=Z,2jum,21.9s,baz=278,slow=36					
TEIG	Tepeich	43.16 334	P	P	22 03 12.8	-0.2
TEIG	Crawfordville	43.16 334	eP	pP	22 03 31.4	+1.1
SOR	Soroa	43.71 342	P	pP	22 03 39.1	+0.8
SOR	Soroa	43.71 342	P	P	22 03 17.2	-0.2
SOR	Soroa	43.71 342	P	P	22 03 17.2	-0.2
PMSA	Palmer Station	45.64 176	eP	pmax	22 03 33.8	+1.6
PMSA	Palmer Station	45.64 176	P	pmax	22 03 34.2	+2.0
PMSA	comp=Z,39nm,0.9s,baz=20,slow=5.3,SNR=4.8			LR	22 23 42.6	
061Z	Ochopli	46.12 346	P	P	22 03 37.4	+1.0
060A	Indianotown	47.13 347	P	P	22 03 46.0	+1.6
DWPF	Disney Wildern	48.40 346	P	Iamb	22 03 53.9	-0.2
DWPF	Disney Wildern	48.40 346	P	Iamb	22 03 55.5	
DWPF	Disney Wildern	48.40 346	P	P	22 03 54.4	+0.3
DWPF	Disney Wildern	48.40 346	P	sP	22 03 54.4	+0.3
656A	Wilton	49.86 346	P	sP	22 04 20.0	+0.3
553A	Crawfordville	51.11 344	P	P	22 04 05.6	+0.3
BBSR	BB Station	51.61 6	P	P	22 04 15.4	+0.6
BBSR	BB Station	51.61 6	P	Iamb	22 04 17.2	-1.2
BBSR	BB Station	51.61 6	P	Iamb	22 04 18.8	
BBSR	BB Station	51.61 6	P	P	22 04 17.2	-1.2
451A	Vernon	51.67 343	P	Iamb	22 04 17.2	-1.2
451A	Vernon	51.67 343	P	P	22 04 20.3	-0.1
257A	Skidaway Islan	52.05 348	P	P	22 04 22.0	+0.3
TIGA	Tifton	52.09 345	Iamb	Iamb	22 04 24.3	
TIGA	Tifton	52.09 345	P	P	22 04 21.6	-0.3
TIGA	Tifton	52.09 345	P	P	22 04 21.7	-0.3
255A	Hazlehurst	52.30 347	P	P	22 04 23.5	-0.1
352A	Blakely	52.47 344	P	P	22 04 24.1	-0.7
352A	Blakely	52.47 344	P	P	22 04 24.5	-0.3
BRAL	Brewton	52.77 342	P	P	22 04 26.9	-0.1
BRAL	Brewton	52.77 342	P	P	22 04 27.0	-0.1
NHSC	New Hope	53.00 349	P	P	22 04 28.8	+0.2
NHSC	New Hope	53.00 349	P	P	22 04 29.3	+0.7
NHSC	New Hope	53.00 349	P	P	22 04 29.3	+0.7
250A	Grady	53.30 343	Iamb	Iamb	22 04 29.3	+0.7
250A	Grady	53.30 343	P	P	22 04 30.2	-0.8
HAW	Hawthorne Fire	53.51 348	P	P	22 04 32.5	+0.1
152A	Waverly Hall	53.55 345	Iamb	Iamb	22 04 33.4	
152A	Waverly Hall	53.55 345	P	P	22 04 32.0	-0.7
Y60A	Bolivia	53.57 352	P	P	22 04 33.0	+0.2
Y60A	Bolivia	53.57 352	P	P	22 04 32.8	0.0

Y60A	baz=170,SNR=5.1		P	P	22 04 32.8	0.0
Y58A	Scranton	53.69 350	P	P	22 04 34.1	+0.4
Y58A	baz=169,SNR=20		P	P	22 04 34.1	+0.4
346A	Big Creek Wild	53.74 339	P	P	22 04 33.8	-0.3
HBVL	Hebronville	53.81 328	P	Iamb	22 04 34.8	+0.1
HBVL	comp=Z,43nm,1.0s			Iamb	22 04 36.8	
KV7X	Kingsville	53.83 329	P	P	22 04 35.4	+0.5
Y57A	Sancti Spiritus	53.92 349	P	P	22 04 35.4	0.0
Y57A	baz=168,SNR=7.6		P	P	22 04 35.4	0.0
GOGA	Godfrey	53.95 346	P	P	22 04 34.9	-0.7
GOGA	baz=164,SNR=13		P	P	22 04 35.0	-0.7
GOGA	Godfrey	53.95 346	P	P	22 04 35.0	-0.7
344A	Westbrook Farm	54.23 338	Iamb	Iamb	22 04 39.1	
344A	comp=Z,51nm,0.7s					
344A	Westbrook Farm	54.23 338	P	P	22 04 37.7	-0.1
X58A	Rowland	54.27 350	P	P	22 04 37.5	-0.5
X58A	Rowland	54.27 350	pP	pP	22 04 38.0	+0.1
X58A	Rowland	54.27 350	P	P	22 04 38.0	+0.1
JSC	Jenkinsville	54.34 349	Iamb	Iamb	22 04 39.7	
JSC	comp=Z,51nm,1.0s					
JSC	Jenkinsville	54.34 349	P	P	22 04 38.4	0.0
LRAL	Lakeview Retre	54.50 342	P	P	22 04 38.7	-1.0
LRAL	Lakeview Retre	54.50 342	P	P	22 04 38.9	-0.7
441A	DeRidder	54.52 335	P	Iamb	22 04 40.3	+0.4
441A	comp=Z,63nm,0.8s			Iamb	22 04 42.3	
441A	DeRidder	54.52 335	pP	pP	22 04 55.1	-2.7
441A	DeRidder	54.52 335	P	P	22 04 41.1	+1.3
Y52A	Litburn	54.53 346	P	P	22 04 39.0	-0.9
Y52A	baz=164,SNR=7.1		P	P	22 04 39.0	-0.9
CNNC	Cliffs of the	54.74 352	P	P	22 04 41.2	-0.1
146A	Union	54.75 340	Iamb	Iamb	22 04 42.5	
146A	Union	54.75 340	P	P	22 04 40.8	-0.7
VBMS	Vicksburg	54.85 339	P	Iamb	22 04 40.2	-0.2
VBMS	comp=Z,95nm,1.4s			Iamb	22 04 43.3	
735A	Kenedy	54.88 330	Iamb	Iamb	22 04 44.7	
735A	comp=Z,81nm,1.1s					
735A	Kenedy	54.88 330	P	P	22 04 43.1	+0.6
HKT	Hockley	54.91 332	P	Iamb	22 04 43.0	+0.3
HKT	comp=Z,88nm,1.4s			Iamb	22 04 44.9	
HKT	Hockley	54.91 332	pP	pmax	22 04 43.4	+0.8
HKT	Hockley	54.91 332	P	P	22 04 43.2	+0.5
HKT	Hockley	54.91 332	P	P	22 04 43.1	+0.5
HKT	Hockley	54.91 332	pP	pP	22 05 01.3	+0.7
HKT	Hockley	54.91 332	pP	pP	22 05 09.6	+1.1
HKT	Hockley	54.91 332	pP	pP	22 05 45.1	+1.1
W57A	Gilead	54.96 350	P	P	22 04 42.9	0.0
W57A	baz=168,SNR=56		P	P	22 04 42.9	0.0
Z47A	Carrollton	54.97 341	Iamb	Iamb	22 04 43.4	
Z47A	comp=Z,147nm,1.6s					
Z47A	Carrollton	54.97 341	P	P	22 04 42.9	-0.2
Y49A	Blount Mountai	55.11 343	P	P	22 04 43.1	-1.1
Y49A	baz=161,SNR=18		P	P	22 04 43.8	-0.4
V61A	Roper	55.13 345	P	P	22 04 43.8	-0.4
V61A	baz=172		P	P	22 04 43.8	-0.4
KM5C	Kings Mountain	55.19 349	Iamb	Iamb	22 04 46.0	
KM5C	comp=Z,90nm,1.2s					
KM5C	Kings Mountain	55.19 349	P	P	22 04 44.7	+0.1
833A	Chaparral WMA	55.21 328	P	P	22 04 45.5	-0.4
833A	Chaparral WMA	55.21 328	pP	pP	22 05 00.9	-1.9
833A	Chaparral WMA	55.21 328	P	P	22 04 45.1	+0.3
833A	Chaparral WMA	55.21 328	P	P	22 04 45.2	+0.3
CASEE	Lake Jocassee	55.36 347	P	P	22 04 45.7	-0.2
X51A	Calhoun	55.39 345	Iamb	Iamb	22 04 46.7	
X51A	comp=Z,99nm,0.9s					
X51A	Calhoun	55.39 345	P	P	22 04 45.4	-0.7
X51A	Calhoun	55.39 345	P	P	22 04 45.4	-0.7
HNVL	Huntsville, TX	55.45 333	P	Iamb	22 0	



Table with columns: ID, Name, Azimuth, Elevation, SNR, Status, and other parameters. Includes entries like Y22A Socorro, L42A Oliver, L42A Oliver, J47A Summer, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, Status, and other parameters. Includes entries like SDCO Great Sand Dun, SDCO Great Sand Dun, W18A Petted Fore, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, Status, and other parameters. Includes entries like V12A Nelson, LCMT Little Creek M, SRU San Rafael Sw, etc.

4d 21h

Table with columns: ELK, ELKO, ELK, KOWA, KOWA, LHV, LHV, NVAR, NVAR, NVAR, LAO, LAO, LAO, LAO, RLMT, RLMT, KVN, KVN, LKWY, LKWY, LKWY, BBGB, BBGB, WAKR, WAKR, SCHQ, SCHQ, SCHQ, SCHQ, BMN, BMN, BMN, DGMT, DGMT, DGMT, DGMT, YERR, YERR, YHL, YHL, YHL, HLID, HLID, HLID, BOZ, BOZ, AFDM, AFDM, MFLD, MFLD, EGMT, EGMT, EGMT, LYMT, LYMT, HOPS, HOPS, PLID, PLID, J08A, J08A, MSO, MSO, MSO, BMO, BMO, KCPM, KCPM, K05A, K05A, TOAD, TOAD, TORO, TORO, SBA, SBA, SBA, K04D, K04D, PINE, PINE, L02F, L02F, FFC, FFC, FFC, I05D, I05D, VVDA, VVDA, VVDA, F07A, F07A, F07A, NEW, NEW, NEW, AVE, AVE, D08A, D08A, G05A, G05A, J01E, J01E, KEBM, KEBM, C09A, C09A, BUCK, BUCK, HOOD, HOOD, COR, COR, COR, LTY, LTY, G03D, G03D, F04A, F04A, PFVI, PFVI, SUR, SUR, M0RF, M0RF, M0RF, D05A, D05A, PBDV, PBDV, MDT, MDT, PNCL, PNCL, MESJ, MESJ

2017 SEP

Table with columns: PCVE, PVAO, RADR, B06A, TSUM, TSUM, TSUM, EVO, PMTG, WISH, IVI, IVI, PCAS, NRS, NRS, NRS, PVIS, MTE, RAR, LLLB, POLO, MVO, MVO, OZB, PBRG, PBRG, NUUK, NUUK, CBB, PAB, PAB, PAB, ESDC, ESDC, BOSA, BOSA, BOSA, HOLB, MAW, MAW, MAW, BBB, DYG2, DYG2, ISOG, ISOG, ANGG, YKA, YKA, YKA, YKA, GRNB, GRNB, RUBS, KOTAN, ICESG, ICESG, MATP, T35M, DLBC, DLBC, DLBC, WTLY, WTLY, WTLY, UPNV, UPNV, LSZ, R33M, R33M, TGNT, P33M, P33M, P33M, SUMG, SUMG, SUNC, SUNC, CASY, URZ, FARO, FARO, RPZ, AFI, DAVOX, NEEM, NEEM, VAE, M29E, H31M, H31M, L29M, L29M, I30M, I30M, G31M, G31M

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Table with columns: INK, INK, INK, INK, F30M, G29M, MBAR, KLU, CLL, CLL, CLL, CLL, CLL, CLL, CAST, OBN, OBN, OBN, OBN, OBN, SOC, SOC, SOC, SOC, PRGR, PRGR, KIV, KIV, KIV, KBZ, KBZ, KARS, KARS, KARS, ZEI, STKA, GNI, GNI, GNI, KIRV, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, ARU, ARU, ARU, ARU, CTA, CTA, NWA0, NWA0, NWA0, SEY, SEY, NRIK, PETK, ABKAR, ABKAR, ASAR, ASAR, ASAR, ASAR, GEYT, GEYT, WRA, WRA, WRA, WRA, WRA, WRAB, WRAB, WRAB, WBO, BRVK, BRVK, BRVK, IUG, IUG, IUG, CHGR, CHGR, CHGR, KURK, KURK, KURK, ZALV, ZALV, ZALV, ZALV, BTLS, BTLS, SEM, SEM, SEM, SGDS, SGDS, MTN, JAY, B00M, B00M, B00M, TDK, TDK, TDK, TNS5, TNS5, TNS5, TNS5, MDOK

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDO, MRO, NRO, etc.

ISC 04 21:59:37.2.3.1, 28.56Sx176.24W, h87km, 24km, mb3.7/4, mbmp4.0, MS3.2. Error ellipse: s-maj=34.6km s-min=28.6km az=169.0

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

SDD 04 22:01:01.6:1.9, 18.91N:70.34W, h96km, 9km, MD3.7, ML3.6

OSPL 04 22:01:01.3:2.7, 18.90N:70.38W, h102km, 11km, ML3.3

ISC 04 22:00:59.7:1.4, 18.91N:0.04:70.35W, h102km, 8km, n36, e137/50, 7C-12D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BON1, BANI, SDD, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRTK, AGPR, CRPR, etc.

SFS 04 22:06:13.9, 39.27N:9.65W, h20km, ML2.7/10, ML2.8/6, MDD 04 22:06:14.2, 0.6, 39.20N:9.46W, h11km, mb, Lq2.2/8, Error ellipse: s-maj=6.1km s-min=2.2km az=82.0

IGIL 04 22:06:16.0, 39.19N:9.57W, h2km, ML2.2, INMG 04 22:06:15.8:1.7, 39.20N:9.55W, h23km, 2km, ML1.9, 2D, Error ellipse: s-maj=5.6km s-min=1.9km az=87.0

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









Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWUT, WVUT, FXWY, MCOOW, etc.

ANF 04 23:03:01.2.0.3.35:67N-97:20W, h5km, ML4.2/16, Error ellipse: s-maj=3.0km s-min=2.9km az=156.0

TUL 04 23:03:01.3.1.0.35:66N:0:01:97:18W:0:02 h5km,6km, ML3.7, mb\_Lg3.4/127(NEIC),ML3.5/36(NEIC). Error ellipse: s-maj=2.1km s-min=1.6km az=123.0

NEIC 04 23:03:02.0.9.35:66N:0:02:97:18W:0:03 h7km,6km, Error ellipse: s-maj=5.0km s-min=0.8km az=131.0

ISC 04 23:03:01.5.0.9.35:67N:0:02:97:19W:0:02,h10km,8km, n155,e095/149,Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OK029, OK029, OKCSW, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OK035, KAN10, U32A, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like P40A, ODSA, OZNA, etc.

NEIC 04 23:13.3.8.1.1.42:611N:0:010:111:44W:0:03, h10km,10km,ML3.0/52,ML2.5/10(UUSS), Error ellipse: s-maj=3.4km s-min=1.4km az=93.0

UUSO 04 23:13.3.3.1.3.42:596N:0:010:111:43W:0:04, h9km,8km, Error ellipse: s-maj=4.2km s-min=0.4km az=108.0, Eastern Idaho

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHID, GRRI, ECR, etc.



comp=Z,0.8nm,0.5s,baz=262,slw=4.8,SNR=14  
 ESDC **Sonsec Array** 83.19 46 P P 23 28 10.8 -0.3  
 comp=Z,0.3nm,0.7s,baz=263,slw=5.2,SNR=5.3  
 ZALV **Zalesovo Beam** 137.09 20 PKP PKIKP 23 35 08.3 -0.2  
 comp=Z,0.3nm,0.7s,baz=262,slw=3.1,SNR=8.8  
 MKAR **Makanchi Array** 141.66 29 PKP PKPpre 23 35 11.8  
 comp=Z,0.1nm,0.3s,baz=293,slw=2.7,SNR=4.6  
 SONM **Songino Array** 147.34 2 P PKPbc PKIKP 23 35 29.8 -0.2  
 comp=Z,0.8nm,0.4s,baz=311,slw=1.7,SNR=6.4

**BUL 04 23:29:25.9-1.4, 16:51Sx28:88E, h10km, MD3.7**  
**EAF 04 23:29:26.2, 16:50Sx28:88E, h10km, MC3.5**  
**ISC 04 23:29:24.9-1.5, 16:84Sx0:05:28.1E:0.3, h8km, n10,**  
**az=235.16, Zambia**

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LSZ	Lusaka	1.36	5	Op	23 29 50.0	0.0
LSZ	Lusaka	1.36	5	P	23 30 08.7	+0.5
LSZ	baz=331			Sb	23 29 50.0	0.0
LSZ	baz=331			iS	23 30 08.7	+0.5
KRI	Karoi	1.49	98	P	23 29 49.7	-2.3
KRI	Karoi	1.49	98	iS	23 29 49.7	-2.3
KRI	baz=129			iS	23 30 08.8	-2.9
MATP	Matopop	3.79	174	P	23 30 24.1	+0.4
MATP	Matopop	3.79	174	iS	23 31 09.9	+1.3
MATP	Matopop	3.79	174	P	23 30 24.1	+0.4
MATP	baz=185			iS	23 31 09.9	+1.3
MUSN	Musina, Limpop	5.87	164	iP	23 30 51.8	-0.4
MUSN	Musina, Limpop	5.87	164	iS	23 31 54.8	-5.0
MUSN	baz=171			iS	23 30 51.8	-0.4
MUSN	baz=171			iS	23 31 54.8	-5.0
MOPA	Mopani	7.52	156	iP	23 31 17.9	+2.9
MOPA	Mopani	7.52	156	iS	23 32 40.0	-0.5
MOPA	Mopani	7.52	156	iP	23 31 17.9	+2.9
MOPA	baz=162			iS	23 32 40.0	-0.5

**IDC 04 23:43:54.0-1.9, 12:18N, 87:78W, h0km, mb4.0/6,**  
**mbmp4.0/6, ML3.1/11, MS3.4/11, Error ellipse:**  
**s-maj=56.6km s-min=23.3km az=44.0**  
**NEIC 04 23:43:56.8-2.0, 12:21N, 07:87:87W, 0.06, h10km, 2km,**  
**mb4.4/71, Error ellipse: s-maj=13.2km s-min=8.4km**  
**az=215.0**

**SNET 04 23:43:59.0-2.4, 12:02N, 88:00W, h60km, ML3.6**  
**ISC 04 23:43:58.6-0.7, 12:06N, 0:06:87.91W, 0.06, h35km, n101,**  
**az=118/94, mb4.3/34, MS3.4/10, Near coast of Nicaragua**

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CRIN	San Cristobal	1.05	53	Op	23 44 18.3	+1.3
JUCU	Jucuarin	1.23	344	eP	23 44 19.8	+0.4
JUCU				eS	23 44 37.1	+2.3
LCND	La Caada	1.24	1	eP	23 44 21.0	+1.5
CNGN	Cerro Negro	1.26	70	Pn	23 44 19.9	0.0
FAGO	Falcada de S	1.63	353	eP	23 44 26.6	+1.7
FAGO				eS	23 44 49.9	+5.2
SCLA	Alcaldia de Sa	1.81	334	eP	23 44 27.7	+0.3
SCLA				eS	23 44 51.2	+2.0
SJTE	Alcaldia de S	1.88	325	eP	23 44 28.4	+0.1
SNET	Serv Nac Est T	2.00	322	Pn	23 44 30.1	-0.8
TGUH	Teguigalpa, UN	2.02	17	Pn	23 44 29.9	-1.3
MATM	Matagalpa	2.12	66	Pn	23 44 32.1	+0.4
BOAB	BOACO BROADBAND	2.23	80	Pn	23 44 31.7	-1.4
ACON	Acopya	2.68	92	Pn	23 44 38.6	-0.7
MT03	Montecristo	2.72	329	Pn	23 44 39.9	-0.1
ESQI	Esquipulas	2.84	351	Pn	23 44 40.7	-1.0
ORTG	Ortega, Santa	2.94	125	Pn	23 44 43.9	+0.9
DUNO	Dundo, Nembra	3.09	129	Pn	23 44 47.0	+2.1
JTS	Las Juntas de	3.40	121	Pn	23 44 52.5	+3.3
JTS	Las Juntas de	3.40	121	Pn	23 44 48.5	-0.7
JTS	1.8nm, 0.3s, baz=292, slw=13, SNR=4.6			Sn	23 45 27.5	-0.8
LCR2	La Lucha 2	4.48	121	Pn	23 45 05.7	+1.5
RIMA	Rio Macho	4.58	119	Pn	23 45 05.3	-0.5
SRBA	San Rafael, Bu	5.29	122	Pn	23 45 16.3	+1.0
BRUZ	Volcan	6.08	172	Pn	23 45 27.3	+1.1
TEIG	Tepeich	8.12	358	LR	23 49 35.3	
HVBL	Hebbronville	18.02	327	Pn	23 48 06.5	+0.1
HVBL				iAmb	23 48 11.6	
833A	Chaparral WMA,	19.41	328	P	23 48 21.9	0.0
344A	Westbrook Farm	19.47	353	P	23 48 23.5	-0.3
344A				iAmb	23 48 30.5	
352A	Blakely	19.52	8	P	23 48 22.4	-0.6
352A				iAmb	23 48 27.8	
TIGA	Tifton	19.69	11	Pn	23 48 26.9	+0.4
TIGA				iAmb	23 48 28.1	
HND0	Hondo	20.34	330	P	23 48 32.4	+0.4
HND0				iAmb	23 48 32.8	
435B	Jarrell	20.67	336	P	23 48 33.8	-1.7
435B				iAmb	23 48 40.6	
152A	Waverly Hall	20.72	8	P	23 48 37.4	+1.3
LRLAL	Lakeview Retre	20.89	2	P	23 48 39.4	+1.5
DRIO	Del Rio	20.93	328	P	23 48 37.7	-0.8
DRIO				iAmb	23 48 55.4	
ATAH	Atahualpa	21.29	153	LR	23 56 12.0	
JCT	Junction City	21.38	331	P	23 48 42.4	-0.9
JCT				iAmb	23 48 58.2	
Z41A	Richland Creek	21.57	349	P	23 48 45.4	+0.3
GOGA	Godfrey	21.63	10	P	23 48 45.0	-0.9
BRDY	Brady	21.70	334	P	23 48 45.3	-1.3
BRDY				iAmb	23 48 47.6	
Y49A	Blount Mountain	21.74	3	P	23 48 47.0	-0.1
Y52A	Lilburn	21.98	9	P	23 48 50.1	+0.5
SAND	Sanderson	22.16	326	P	23 48 50.2	-1.4
SAND				iAmb	23 49 10.1	
OZNA	Ozona	22.40	329	P	23 48 53.4	-0.8
OZNA				iAmb	23 48 56.6	
TX32	Lajitas Array	22.59	322	P	23 48 56.0	-0.3
TXAR	Lajitas Array	22.59	322	P	23 48 56.7	+0.4
TXAR	Lajitas Array	22.59	322	P	23 48 56.9	+0.5
TXAR	comp=Z,1.9nm,0.5s,baz=136,slw=9.7,SNR=36			P	23 48 56.9	+0.5
TX31	Lajitas Ar. Si	22.59	322	P	23 48 55.6	-0.7
TX31				iAmb	23 49 28.9	
Z35A	Perchaven, San	22.83	339	P	23 48 58.2	-0.5
Z35A				iAmb	23 49 00.7	
FW03	Perrin-Whitt E	22.86	338	P	23 48 58.0	-1.0
FW03				iAmb	23 49 01.8	
JWC3	Jenkinsville	22.93	14	P	23 48 59.6	-0.2
JWC3				iAmb	23 49 02.1	
UALR	University of	22.96	351	P	23 48 58.9	-1.2
UALR				iAmb	23 49 02.3	
MIAR	Mount Ida	22.97	348	P	23 49 00.2	+0.1
SWET	Seawane	23.12	4	P	23 49 02.0	+0.3
ABTX	Abielne, Hawes	23.12	334	P	23 49 00.0	-1.8
ABTX				iAmb	23 49 03.0	
SGCV	Sterling City	23.20	330	P	23 49 01.6	-1.0
SGCV				iAmb	23 49 03.9	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BG3	Lake Jocassee	23.27	10	P	23 49 02.5	-0.7
ALPN	Alpine	23.33	324	P	23 49 03.5	-0.5
ALPN				iAmb	23 49 10.7	
LOOK	Love County	23.41	340	P	23 49 05.0	+0.4
X37A	Clayton	23.43	344	P	23 49 06.4	+1.7
X37A				iAmb	23 49 08.0	
CPCT	Cooper Cave	23.48	7	P	23 49 05.3	+0.1
TKL	Tuckaleechee C	23.79	8	P	23 49 07.8	-0.3
TKL				iAmb	23 49 10.7	
TKL	Tuckaleechee C	23.79	8	P	23 49 08.7	+0.6
TKL	comp=Z,6.3nm,0.8s,baz=185,slw=12,SNR=12			LR	23 59 12.9	
SN01	Snyder 1	23.88	332	P	23 49 07.7	-1.3
SN01				iAmb	23 49 10.0	
APMT	Aspermont	23.93	334	P	23 49 08.8	-0.7
APMT				iAmb	23 49 11.0	
V53A	Saluda	23.95	10	P	23 49 10.0	+0.3
CLTN	Clatsop of Leba	23.96	3	P	23 49 09.6	-0.2
FCAR	Ozark Folk Cen	24.02	352	P	23 49 09.7	-0.6
FCAR				iAmb	23 49 11.8	
X34A	Smith Ranch, M	24.18	340	P	23 49 10.6	-1.2
POST	Post	24.33	331	P	23 49 11.8	-1.5
POST				iAmb	23 49 15.3	
U49A	Red Boiling Sp	24.42	4	P	23 49 13.8	-0.2
DKNS	Dickens	24.57	333	P	23 49 16.0	+0.5
DKNS				iAmb	23 49 17.1	
WMOK	Wichita Mounta	24.64	338	P	23 49 15.3	-0.7
WMOK				iAmb	23 49 17.8	
FNO	Franklin	24.64	341	P	23 49 15.4	-0.6
PBMO	Poplar Bluff	24.71	355	P	23 49 15.6	-1.0
PBMO				iAmb	23 49 17.5	
TUL3	Leonard	24.79	345	P	23 49 17.7	+0.4
CZSB	Cruzeiro do Su	24.81	142	P	23 49 18.7	+1.1
T47A	Sharon Grove	24.83	2	P	23 49 16.5	-1.1
T47A				iAmb	23 49 18.1	
DEOK	Depeve	24.91	343	iAmb	23 49 34.9	
U38A	Gravette	24.96	348	iAmb	23 49 21.2	
OK051	E0350 and S346	25.63	343	P	23 49 25.2	+0.2
Muleshoe	Muleshoe	25.68	311	iAmb	23 49 24.2	-1.3
MISTX				iAmb	23 49 27.0	
AMTX	Amarillo	25.93	333	P	23 49 28.0	+0.2
AMTX				iAmb	23 49 29.7	
S39A	Bolivar	25.98	350	P	23 49 27.7	-0.4
CCM	Cathedral Cave	26.05	354	P	23 49 28.2	-0.6
CCM				iAmb	23 49 29.1	
WCI	Wyandotte Cave	26.10	3	P	23 49 28.3	-0.8
WCI				iAmb	23 49 29.6	
P38A	Dawn	27.90	351	P	23 49 44.2	-1.1
P38A				iAmb	23 49 45.9	
ETMB	Extrema	30.62	134	P	23 50 10.8	+1.1
ETMB				iAmb	23 50 12.9	
Q24A	Divide	30.86	333	P	23 50 12.2	+0.2
Q24A				iAmb	23 50 42.9	
PFO	Pinyon Flats O	33.75	314	LR	00 05 26.6	
F33A	Mill Ranch,	34.41	350	P	23 50 40.9	-1.6
PDAR	Pinedale Array	35.90	332	P	23 50 55.8	+0.1
PDAR	comp=Z,0.3nm,0.3s,baz=126,slw=12,SNR=2.1			P	23 51 0	



Table with columns: BOZ, RWWY, TMUT, MFID, ELK, ELK, ELK, ELK, O20A, O20A, SRU, K22A, K22A, ELMT, N23A, M3SO, MSO, PHWY, ISCO, EGMF, S22A, NVAR, NVAR, NVAR, NEW, NEW, NEW, YBH, YBH, ANMO, ANMO, ANMO, ANMO, PFO, ULM, ULM, TXAR, TXAR. Includes station names, coordinates, and various parameters.

UUSS 05 00:35:33.9.0.8, 42.60N.0.02:11.43W.0.04, h6km, 1km, Error ellipse: s-maj=5.0km s-min=3.0km az=301.0 NEIC 05 00:35:33.4.0.7, 42.59N.0.02:11.37W.0.05, h9km, 1.7km, ML3.1/10, ML2.8/2(USS), Error ellipse: s-maj=6.1km s-min=2.3km az=117.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Auburn Hatcher, Casper, Eagle Creek, Malad Range, Hyde Park, Red Top Meadow, North Pocatell, Hardware Ranch, Wellsville, Hansel Valley, Toone Canyon.

IDC 05 01:08:26.7.1.4, 0.26N.122.00E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=160.3km s-min=22.6km az=64.0 DJA 05 01:08:48.3.0.4, 0.7N.4.12.2E, h155km, 4km, M4.0/10, mb4.9/1, mB5.0/1, MLV3.6/10, Mw(mB)4.4/1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Marisa, Gorontalo, Luwuk, Cibinong, Mapaga, Tana Toraja, Sanana, Samarinda, Ternate, Balikpapan, Warramunga Arr, Alice Springs, Sonmigo Array, Makanchi Array.

DJA 05 01:19:58.9.0.4, 7.5.4.10.6E, h107km, 5km, M3.9/12, mb4.2/2, mB5.3/2, MLV3.8/12, Mw(mB)4.7/2, Jawa

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

Table with columns: Citeko, Lembang, Kota Agung, Jatiwangi, Kotabumi, Cimerak, Liwa, Karang Pucung, Manaj, Wanama, UWJ, Wonogiri, Jawa, DSR. Includes station names, coordinates, and various parameters.

IDC 05 01:29:16.4.3.6, 16.88S.174.74W, h0km, mb3.6/4, mbtmp4.2/4, ML4.8/1, MS3.3/2, Error ellipse: s-maj=187.9km s-min=29.2km az=146.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Asara, NVAR, ILAR, BRTR.

IDC 05 01:30:37.0.1.6, 22.88S.174.66W, h0km, mb4.3/3, mbtmp4.2/4, ML4.8/1, MS3.3/2, Error ellipse: s-maj=56.1km s-min=39.5km az=17.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nonsavu, RAR, ASAR, WRA, ASAJ, CMAR, AKASA, BRTR, TORD.

IDC 05 01:32:39.5.0.5, 42.47N.111.31W, h0km, mb3.8/7, mbtmp3.7/14, ML3.1/7, MS3.4/15, Error ellipse: s-maj=10.1km s-min=5.3km az=155.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC, GRRI, ECR, BEI, L17A, BMUT, MLI, HDU, REDW, NPI, HUU, PTU, RSUT, HWUT, WYUT, FXYW, FXYW, MCO, LTU, MOOV, HUU, IMW, BW06, CCUT, R11B, BW06, BW06, PD31, PDAR, PDAR, TCUT, SPUT, SPUT, SPUT, YPP, YPP, YPP, H17A, H17A, H17A, YFT, YFT.

IDC 05 01:32:39.2.4.2, 42.60N.111.45W, h5km, 3km, n140, s1563/137, mb3.8/6, MS3.5/10, 1C, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Auburn Hatcher, Grays Lake, Eagle Creek, Bear River, Cokeville, Malad Mountain, Malad Range, Hyde Park, Red Top Meadow, North Pocatell, Portage, Red Spur Mount, Hardware Ranch, Wellsville, Fox Creek, Monte Cristo P, Little Mountain, Moose Ponds, Hansel Valley, Indian Meadow, Boulder Array, Boulder Array, Boulder Array, Pinedale Array, Pinedale Array, Toone Canyon, Toone Canyon, Toone Canyon, Pitchstone Pla, Pitchstone Pla, Grand Village, Grand Village, Old Faithful, Old Faithful.

IDC 05 01:32:39.2.4.2, 42.60N.111.45W, h5km, 3km, n140, s1563/137, mb3.8/6, MS3.5/10, 1C, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Asara, NVAR, ILAR, BRTR, ASAJ, CMAR, AKASA, BRTR, TORD, NEIC, GRRI, ECR, BEI, L17A, BMUT, MLI, HDU, REDW, NPI, HUU, PTU, RSUT, HWUT, WYUT, FXYW, FXYW, MCO, LTU, MOOV, HUU, IMW, BW06, CCUT, R11B, BW06, BW06, PD31, PDAR, PDAR, TCUT, SPUT, SPUT, SPUT, YPP, YPP, YPP, H17A, H17A, H17A, YFT, YFT.

Table with columns: YFT, CTU, CTU, BGU, BGU, BGU, LKWY, LKWY, BSUT, BSUT, YNR, BCIY, YHH, YHL, YHL, YHL, HLID, HLID, HLID, HLID, MPU, MPU, MPU, DUG, DUG, DUG, YNE, NLU, DLMT, DLMT, DLMT, RLMT, RLMT, BOZ, BOZ, BOZ, RWWY, TMUT, TMUT, MFID, MFID, ELK, ELK, ELK, ELK, O20A, O20A, O20A, SRU, SRU, K22A, K22A, ELMT, PLID, PLID, SPR3, SPR3, LYMT, PSUT, N23A, N23A, CHMT, MTPU, PHWY, HUU, BMO, BMO, BMO, BRIGG, LCMT, MVCO, S22A, PAHR, SDCO, NVAR, NVAR, PTPN, NEW, NEW, NEW, NEW. Includes station names, coordinates, and various parameters.





Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MVU Marysvale, BPMT Black Pine Rid, PLID Pearl Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AHID Auburn Hatcher, BEUT Bear River Ran, BLMT Black Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NVAR, TPNV Toppan Spring, NEW Newport, etc.

IDC 05 02:06:30.8±2.3, 0.80N:126.77E, h0km, mb3.4/3, mbmtpp3.4/3, Error ellipse: s-maj=193.7km

ML3.4/56, Mw3.6/38, ML3.5/12(UUSS), Error ellipse: s-maj=4.8km s-min=3.1km az=111.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=1.22;

PRE 05 02:30:19.4±0.9, 19.59S:34.51E, h10km, ML2.0

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WYUT Wellsville, FWXY Fox Creek, FWXY 473nm,0.4s, etc.

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

UUSS 05 02:17:42.1±1.5, 42.61N:0.02:111.46W:0.03, h6km±1km, Error ellipse: s-maj=3.8km s-min=2.9km az=298.0

NEIC 05 02:28:32.2±1.1, 42.61N:0.02:111.45W:0.04, h10km±1km, ML2.5/56, ML2.7/11(UUSS), Error ellipse: s-maj=4.9km s-min=2.6km az=124.0, Eastern Idaho

ROM 05 02:44:51.2±0.0, 43.277N:0.003:12.561E±0.004, h11km, ML1.0/8, Error ellipse: s-maj=0.3km

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AHID Auburn Hatcher, GRRR Grays Lake, BEUT Bear River Ran, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PD31 Pinedale Array, SPUT South Promonto, CTU Camp Tracy, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MOPAN Mopani, MOPAN Mopani, MOPAN Mopani, etc.

IDC 05 02:28:31.5±0.7, 42.55N:111.48W, h0km, mbmtpp3.2/6, ML2.6/4, Error ellipse: s-maj=11.4km s-min=5.2km az=161.0

UUSS 05 02:28:32.9±1.1, 42.586N:0.010:111.41W:0.04, h13km±8km, Error ellipse: s-maj=4.2km s-min=0.8km az=106.0

ROM 05 02:44:51.2±0.0, 43.277N:0.003:12.561E±0.004, h11km, ML1.0/8, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like K22A Casper, TCRU Three Creeks R, PLID Pearl Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like O20A White River Ci, O20A White River Ci, O20A White River Ci, etc.

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

NEIC 05 02:28:32.4±1.5, 42.59N:0.011:111.44W:0.04, h10km±2km, Error ellipse: s-maj=4.2km s-min=0.8km az=106.0

UUSS 05 02:28:32.9±1.1, 42.586N:0.010:111.41W:0.04, h13km±8km, Error ellipse: s-maj=4.2km s-min=0.8km az=106.0

ROM 05 02:44:51.2±0.0, 43.277N:0.003:12.561E±0.004, h11km, ML1.0/8, Error ellipse: s-maj=0.3km

5d 2h

Table with columns: ATTE, AVT-Monte Tez, ATPI, ATPI, ATPI, SSFR, SSFR, PIELI, PIELI, FRON, FRON. Includes station names, coordinates, and status.

IPEC 05:02:45:42.0, 2.0, 50.25N, 18.97E, h1km, ML3.1/4, Error ellipse: s-maj=2.4km s-min=1.1km az=168.0
VIE 05:02:45:42.0, 4.0, 50.26N, 18.96E, h0km, mb2.9/m2.9/3, 2.3, 5.6, Error ellipse: s-maj=6.4km s-min=2.3km az=165.0

IDC 05:02:45:43.8, 0.7, 50.14N, 18.99E, h0km, mb3.3/1, mbtmp3.4/9, ML2.9, Error ellipse: s-maj=10.7km s-min=6.3km az=149.0

PRU 05:02:45:43.5, 50.24N, 18.95E, h0km
ISC 05:02:45:41.1, 0.6, 50.30N, 0.02, 19.02E, h0km, n74, f=152/113, 13C-40, Poland

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Lists various stations like OJC, Raciborz, Ostrava-Krasne, etc.

2017 SEP

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Lists various stations like LUNU, BLEU, BLEU, FETA, AKASG, etc.

Main table of station data with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Lists various stations like RMQ, ARMA, ARMA, ARMA, CTA, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Waitaha Valley, Mount Isa, OXZ, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like PPT2, NLAJ, SOEI, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like JOW, JOW JOW, STKI, etc.

5d 2h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MSHR Mys Shultsa, USRK Ussuriysk Ar., UGL Uglejorsk, etc.

2017 SEP

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like HEH comp=Z,81nm,1.1s, CRAI Chiangrai, CMAR Chiang Mai Arr, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like L19K White Mountain, TNA Tin City, YAK Yakutsk, etc.

Table with columns: LSA, Lhasa, 86.87, 302, I, Amb, I, Amb, 03, 02, 29.2, ...

Table with columns: E23K, Chandalar, 89.45, 15, P, P, 03, 02, 36.8, +0.4, ...

Table with columns: ZALV, comp=Z, 6.1nm, 18.0s, baz=97, slow=37, LR, LR, 03, 50, 32.9, ...



Table with columns: EQU, ELGU, QUANTAR, LOS GUAJARES, SNR, Pn, Pn, 02 57 38.8 +1.2, 02 57 38.9 +0.7, 02 57 43.0

IDC 05 02:57:03.4-0.9, 4.08S, 134.25E, h0km, mb4.1/7, mbtmp4.1/12, ML4.0/5, Error ellipse: s-maj=28.8km s-min=18.7km az=56.0

DJA 05 02:57:06.3-0.9, 4.3S, 131.3E, h14km, mb4.7/13, mb5.7/5, mb4.7/13, ML4.5/11, Mw(mb)5.2/5

NEIC 05 02:57:08.3-1.2, 4.13S, 0.09, 134.28E, 0.07, h27km, 6km, mb4.6/14, Error ellipse: s-maj=13.6km s-min=10.4km az=194.0

ISC 05 02:57:08.5-0.5, 4.15S, 0.06, 134.24E, 0.06, h35km, n39, n105/41, mb4.4/12, Irian Jaya region

Main table for station 301, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

SDD 05 03:03:44.7-1.9, 18.59N, 68.99W, h116km, mb3.5, ML2.8

NEIC 05 03:03:45.6-1.4, 19.26N, 0.09, 68.91W, 0.06, h35km, 2km, ML2.6/20, Md3.6/10 (RSPF), Error ellipse: s-maj=17.1km s-min=9.6km az=205.0

OSPL 05 03:03:45.6-1.4, 18.47N, 69.11W, h120km, 22km, ML2.4

RSPF 05 03:03:48.7, 19.22N, 68.70W, h11km, 3km, MD3.5/10

ISC 05 03:03:45.1-1.3, 18.67N, 0.07, 69.03W, 0.03, h104km, 7km, n60, n153/77, 12C-10D, Dominican Republic region

Table for station 302, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Main table for station 2017 SEP, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

IDC 05 03:06:36.1-0.8, 30.93N, 83.68E, h0km, mb3.8/18, mbtmp3.8/20, ML3.6/2, MS3.7/3, Error ellipse: s-maj=24.9km s-min=14.5km az=40.0

ISC 05 03:06:38.0-0.7, 31.0N, 0.1, 83.7E, 0.1, h11km, n23, n0563/21, mb3.8/17, Xizang

Table for station 2017 SEP, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Table for station 5d 3h, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

ROM 05 03:07:59.1-0.0, 42.796N, 0.002, 13.135E, 0.004, h11km, ML1.2/29, 2C-2D, Error ellipse: s-maj=0.3km s-min=0.1km az=245.0, Central Italy

Table for station 5d 3h, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Table with columns: ATCC, EL6, ARVD, Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes station data for Auburn Hatcher, Grays Lake, Eagle Creek, etc.

NEIC 05 03:12:37.3, 42.62N, 111.51W, h1km
USSS 05 03:12:38.2, 1.1, 42.60N, 0.01:11.44W, 0.02, h6km, 1km

NEIC 05 03:12:39.1, 2.42, 60N, 0.02:11.48W, 0.03, h10km, 2km,
ML3.7/48, Mwr3.9/62, ML3.8/14 (UOSS), Error ellipse: s-maj=3.7km s-min=3.1km az=120.0, Moment Tensor Solution...

Main table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including Auburn Hatcher, Grays Lake, Eagle Creek, etc.

IDC 05 03:21:09.7, 0.7, 42.71N, 111.45W, h0km, mbtp3.1/6,
ML2.9/6 Error ellipse: s-maj=10.1km s-min=5.0km az=171.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for Eastern Idaho, including Grays Lake, Eagle Creek, etc.

NEIC 05 03:21:09.2, 1.8, 42.62N, 0.02:11.56W, 0.04, h10km, 2km,
ML3.5/66, Mwr3.9/54, ML3.6/13 (UOSS), Error ellipse: s-maj=4.7km s-min=3.0km az=113.0, Moment Tensor Solution...





5d 4h

T1216	comp=E,38950µm,0.4s	AML	AML						
T1216	comp=N,48250µm,0.5s	AML	AML						
T1216	comp=N,48200µm,0.5s	AML	AML						
T1216	comp=N,48200µm,1.5s	AML	AML						
T1216	comp=E,38900µm,0.4s	AML	AML						
<b>VCCEL</b>	<b>Villa Celiera</b>	<b>0.41 111</b>	↑P	<b>Pg</b>	<b>04 34 29.5 -0.7</b>				
VCCEL	comp=E,96650µm,0.4s	AML	AML	S	<b>04 34 36.2 +0.3</b>				
VCCEL	comp=N,58900µm,1.1s	AML	AML	S					
VCCEL	comp=N,58900µm,0.9s	AML	AML	S					
VCCEL	comp=N,58900µm,0.9s	AML	AML	S					
<b>FEMA</b>	<b>Monte Fema</b>	<b>0.46 335</b>	↑P	<b>Pg</b>	<b>04 34 30.5 -0.6</b>				
FEMA	comp=E,34400µm,1.6s	AML	AML	S	<b>04 34 37.6 +0.3</b>				
FEMA	comp=N,22900µm,0.7s	AML	AML	S					
FEMA	comp=N,22900µm,1.3s	AML	AML	S					
FEMA	comp=N,34400µm,0.4s	AML	AML	S					
<b>T0110</b>	<b>Collepietro</b>	<b>0.47 133</b>	↑P	<b>Pg</b>	<b>04 34 30.3 -0.9</b>				
T0110	comp=N,33450µm,0.4s	AML	AML	S	<b>04 34 37.1 -0.3</b>				
T0110	comp=N,33450µm,0.4s	AML	AML	S					
<b>T1221</b>	<b>Campello sul C</b>	<b>0.47 313</b>	↑P	<b>Pg</b>	<b>04 34 30.6 -0.6</b>				
T1221	comp=E,30950µm,0.3s	AML	AML	S	<b>04 34 37.8 +0.3</b>				
T1221	comp=N,20150µm,0.7s	AML	AML	S					
T1221	comp=E,31050µm,0.2s	AML	AML	S					
T1221	comp=N,19350µm,0.6s	AML	AML	S					
T1221	comp=E,30950µm,0.2s	AML	AML	S					
T1221	comp=E,31000µm,0.2s	AML	AML	S					
T1221	comp=E,30950µm,0.2s	AML	AML	S					
T1221	comp=N,20150µm,0.7s	AML	AML	S					
T1221	comp=N,19400µm,0.5s	AML	AML	S					
<b>OFFI</b>	<b>Offida</b>	<b>0.48 35</b>	↑P	<b>Pg</b>	<b>04 34 31.2 -0.1</b>				
OFFI	comp=E,96100µm,0.7s	AML	AML	S					
OFFI	comp=E,96100µm,1.3s	AML	AML	S					
<b>GUMA</b>	<b>Gualdo di Mace</b>	<b>0.52 1</b>	↑P	<b>Pg</b>	<b>04 34 31.6 -0.5</b>				
GUMA	comp=E,39100µm,0.5s	AML	AML	S	<b>04 34 39.3 +0.2</b>				
GUMA	comp=N,64500µm,0.6s	AML	AML	S					
GUMA	comp=E,56050µm,0.4s	AML	AML	S					
GUMA	comp=N,64500µm,1.4s	AML	AML	S					
GUMA	comp=N,60850µm,0.6s	AML	AML	S					
<b>FDMO</b>	<b>Fiordimonte</b>	<b>0.52 341</b>	↑P	<b>Pg</b>	<b>04 34 31.3 -0.8</b>				
FDMO	comp=N,13285µm,0.3s	AML	AML	S	<b>04 34 39.2 +0.1</b>				
FDMO	comp=E,13200µm,1.3s	AML	AML	S					
<b>PTQR</b>	<b>Pietraquaria</b>	<b>0.53 173</b>	↑P	<b>Pg</b>	<b>04 34 31.3 -0.9</b>				
PTQR	comp=E,4600µm,0.9s	AML	AML	S					
PTQR	comp=N,4115µm,0.6s	AML	AML	S					
<b>CESX</b>	<b>Cesi</b>	<b>0.55 277</b>	↑P	<b>Pg</b>	<b>04 34 31.7 -0.9</b>				
CESX	comp=N,16950µm,0.8s	AML	AML	S					
CESX	comp=E,15100µm,1.1s	AML	AML	S					
<b>CESI</b>	<b>CESI - Serrava</b>	<b>0.55 327</b>	↑P	<b>Pg</b>	<b>04 34 32.0 -0.7</b>				
CESI	comp=N,20350µm,0.4s	AML	AML	S	<b>04 34 40.5 +0.4</b>				
<b>CSP1</b>	<b>Cessapalombo</b>	<b>0.55 351</b>	↑P	<b>Pg</b>	<b>04 34 31.9 -0.9</b>				
CSP1	comp=E,9350µm,0.5s	AML	AML	S	<b>04 34 40.3 +0.1</b>				
CSP1	comp=N,4520µm,0.8s	AML	AML	S					
CSP1	comp=E,9360µm,0.5s	AML	AML	S					
CSP1	comp=N,4605µm,0.8s	AML	AML	S					
CSP1	comp=N,4605µm,1.2s	AML	AML	S					
CSP1	comp=E,9360µm,1.5s	AML	AML	S					
<b>T1219</b>	<b>Muccia, Frazio</b>	<b>0.56 336</b>	↑P	<b>Pg</b>	<b>04 34 32.0 -0.9</b>				
T1219	comp=N,14100µm,0.3s	AML	AML	S	<b>04 34 40.5 +0.1</b>				
T1219	comp=E,17200µm,0.2s	AML	AML	S					
T1219	comp=N,14000µm,0.3s	AML	AML	S					
T1219	comp=N,14100µm,1.7s	AML	AML	S					
T1219	comp=E,17100µm,0.2s	AML	AML	S					
T1219	comp=E,17250µm,0.2s	AML	AML	S					
T1219	comp=N,14000µm,1.7s	AML	AML	S					
<b>MNTP</b>	<b>Montappone</b>	<b>0.60 11</b>	↑P	<b>Pg</b>	<b>04 34 33.3 -0.4</b>				
<b>MOMA</b>	<b>Monte Martano</b>	<b>0.61 296</b>	↑P	<b>Pg</b>	<b>04 34 33.0 -0.8</b>				
MOMA	comp=E,29700µm,0.2s	AML	AML	S	<b>04 34 42.7 -0.1</b>				
MOMA	comp=N,39150µm,1.1s	AML	AML	S					
MOMA	comp=E,31550µm,0.2s	AML	AML	S					
MOMA	comp=N,37450µm,1.1s	AML	AML	S					
<b>CERT</b>	<b>Cerreto</b>	<b>0.64 203</b>	↑P	<b>Pg</b>	<b>04 34 33.5 -1.0</b>				
CERT	comp=E,11400µm,0.7s	AML	AML	S					
CERT	comp=N,6845µm,0.5s	AML	AML	S					
<b>SRES</b>	<b>S.Oreste - Sor</b>	<b>0.67 243</b>	↑P	<b>Pg</b>	<b>04 34 33.9 -1.0</b>				
SRES	comp=E,7760µm,0.6s	AML	AML	S					
SRES	comp=N,8810µm,0.5s	AML	AML	S					
SRES	comp=N,8810µm,1.5s	AML	AML	S					
<b>MTCE</b>	<b>Montecelio</b>	<b>0.67 220</b>	↑P	<b>Pg</b>	<b>04 34 33.9 -1.1</b>				
MTCE	comp=E,12110µm,1.5s	AML	AML	S					
MTCE	comp=N,7975µm,0.7s	AML	AML	S					
MTCE	comp=E,12110µm,0.5s	AML	AML	S					
<b>INTR</b>	<b>Introdacqua</b>	<b>0.69 140</b>	↑P	<b>Pg</b>	<b>04 34 33.8 -1.5</b>				
INTR	comp=N,14µm,0.8s	AML	AML	S					
INTR	comp=E,7µm,0.9s	AML	AML	S					
INTR	comp=E,7005µm,1.0s	AML	AML	S					
INTR	comp=N,20850µm,0.8s	AML	AML	S					
INTR	comp=E,7µm,1.1s	AML	AML	S					

INTR	comp=E,7005µm,1.0s	AML	AML						
INTR	comp=N,14µm,1.2s	AML	AML						
INTR	comp=N,20850µm,1.2s	AML	AML						
<b>VVLD</b>	<b>Villa Vallelon</b>	<b>0.71 161</b>	↑P	<b>Pg</b>	<b>04 34 34.7 -1.0</b>				
VVLD	comp=E,10095µm,0.9s	AML	AML	S					
VVLD	comp=N,9260µm,0.6s	AML	AML	S					
VVLD	comp=E,10095µm,1.1s	AML	AML	S					
<b>GAG1</b>	<b>Gagliole</b>	<b>0.72 345</b>	↑P	<b>Pg</b>	<b>04 34 34.9 -1.0</b>				
GAG1	comp=E,21700µm,0.4s	AML	AML	S					
GAG1	comp=N,36650µm,0.6s	AML	AML	S					
<b>GUAR</b>	<b>Guarino</b>	<b>0.75 180</b>	↑P	<b>Pg</b>	<b>04 34 35.5 -0.9</b>				
GUAR	comp=N,8075µm,0.7s	AML	AML	S					
GUAR	comp=E,6760µm,0.7s	AML	AML	S					
GUAR	comp=E,6760µm,1.3s	AML	AML	S					
<b>RCAV</b>	<b>Rocca di Cave</b>	<b>0.75 202</b>	↑P	<b>Pg</b>	<b>04 34 35.3 -1.1</b>				
RCAV	comp=E,7485µm,0.6s	AML	AML	S					
RCAV	comp=N,10245µm,0.7s	AML	AML	S					
RCAV	comp=E,7490µm,0.6s	AML	AML	S					
RCAV	comp=N,10240µm,0.7s	AML	AML	S					
RCAV	comp=N,10240µm,1.3s	AML	AML	S					
<b>SNTG</b>	<b>Esanatoglia</b>	<b>0.76 339</b>	↑P	<b>Pg</b>	<b>04 34 35.5 -1.2</b>				
SNTG	comp=N,6125µm,0.9s	AML	AML	S					
SNTG	comp=N,5695µm,0.9s	AML	AML	S					
SNTG	comp=E,7100µm,0.9s	AML	AML	S					
SNTG	comp=E,7420µm,0.9s	AML	AML	S					
<b>EL6</b>	<b>Elcilo</b>	<b>0.80 349</b>	↑P	<b>Pg</b>	<b>04 34 36.2 -1.2</b>				
EL6	comp=E,12750µm,1.4s	AML	AML	S					
EL6	comp=N,18300µm,0.3s	AML	AML	S					
EL6	comp=E,12750µm,0.6s	AML	AML	S					
<b>ATCC</b>	<b>AVT - Casa Cast</b>	<b>0.81 322</b>	↑P	<b>Pg</b>	<b>04 34 36.6 -1.0</b>				
ATCC	comp=E,17100µm,0.6s	AML	AML	S					
ATCC	comp=N,15700µm,0.7s	AML	AML	S					
ATCC	comp=E,17100µm,1.4s	AML	AML	S					
<b>LPEL</b>	<b>Lama dei Pelig</b>	<b>0.81 127</b>	↑P	<b>Pg</b>	<b>04 34 35.8 -1.8</b>				
LPEL	comp=E,11400µm,0.6s	AML	AML	S					
LPEL	comp=N,8080µm,0.5s	AML	AML	S					
LPEL	comp=N,8080µm,1.5s	AML	AML	S					
<b>CING</b>	<b>Cingoli</b>	<b>0.84 354</b>	↑P	<b>Pg</b>	<b>04 34 36.8 -1.3</b>				
CING	comp=E,7150µm,0.6s	AML	AML	S					
CING	comp=N,7120µm,0.6s	AML	AML	S					
CING	comp=N,7120µm,1.4s	AML	AML	S					
CING	comp=E,7150µm,1.4s	AML	AML	S					
<b>PP3</b>	<b>Marolino</b>	<b>0.86 14</b>	↑P	<b>Pg</b>	<b>04 34 38.0 -0.5</b>				
PP3	comp=E,17400µm,1.2s	AML	AML	S					
PP3	comp=N,22750µm,0.5s	AML	AML	S					
PP3	comp=N,23400µm,0.5s	AML	AML	S					
PP3	comp=E,17400µm,0.8s	AML	AML	S					
PP3	comp=N,16800µm,0.6s	AML	AML	S					
<b>RMP</b>	<b>Rome, Mte Porz</b>	<b>0.86 212</b>	↑P	<b>Pg</b>	<b>04 34 37.3 -1.2</b>				
RMP	comp=N,8765µm,0.4s	AML	AML	S					
RMP	comp=E,7845µm,0.6s	AML	AML	S					
<b>POFI</b>	<b>Posta Fibreno</b>	<b>0.88 160</b>	↑P	<b>Pg</b>	<b>04 34 37.4 -1.4</b>				
POFI	comp=E,9870µm,1.2s	AML	AML	S					
POFI	comp=E,9275µm,1.2s	AML	AML	S					
POFI	comp=N,4365µm,1.6s	AML	AML	S					
POFI	comp=E,9870µm,0.8s	AML	AML	S					
POFI	comp=N,4365µm,0.4s	AML	AML	S					
POFI	comp=E,9275µm,0.8s	AML	AML	S					
POFI	comp=N,4970µm,0.8s	AML	AML	S					
<b>VIVA</b>	<b>Pratoni del Vi</b>	<b>0.89 207</b>	↑P	<b>Pb</b>	<b>04 34 37.8 -1.3</b>				
VIVA	comp=E,13900µm,0.5s	AML	AML	S					
VIVA	comp=N,18350µm,0.5s	AML	AML	S					
<b>RDP</b>	<b>Rocca di Papa</b>	<b>0.90 210</b>	↑P	<b>Pb</b>	<b>04 34 38.0 -1.4</b>				
RDP	comp=N,13500µm,0.5s	AML	AML	S					
RDP	comp=E,15250µm,0.5s	AML	AML	S					
<b>LRP</b>	<b>Arpino</b>	<b>0.92 167</b>	↑P	<b>Pb</b>	<b>04 34 38.7 -0.9</b>				
LRP	comp=E,6935µm,0.7s	AML	AML	S					
LRP	comp=E,6930µm,0.7s	AML	AML	S					
LRP	comp=N,3035µm,0.7s	AML	AML	S					
LRP	comp=E,6930µm,1.3s	AML	AML	S					
<b>MURB</b>	<b>Monte Urbino</b>	<b>0.93 321</b>	↑P	<b>Pb</b>	<b>04 34 38.7 -1.0</b>				
MURB	comp=E,25650µm,1.0s	AML	AML	S					
MURB	comp=N,24950µm,0.3s	AML	AML	S			</		

























5d 9h

2.0nm, 0.6s, baz=342, slow=11, SNR=29
MKAR Makanchi Array 63.58 327 P P 08 43 19.2 +0.5

IDC 05 08:33:53.7, 2.0, 18:10Sx172.91W, h0km, mb3.4/3,
mmtmp3.4/4, ML3.0/1, Error ellipse: s-maj=85.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, TORD Torodi Ar. Bea.

ISC 05 08:44:59.8, 1.1, 27:10N, 0:04:11:46W, h10km, n6,
+1810/10, 2C-4D, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SNIRB San Nicols, SRIG Santa Rosalia, GUYB Guaymas, NE77 Loreto B.C.S., UAGBS Rancho Ultima, SFOB San Francisqui, SFOB.

MOS 05 08:45:12.2, 0.0, 43:43N, 41:00E, h16km, MPVA3.2
ISC 05 08:45:12.5, 1.1, 43:45N, 41:01E, h15km, gkm,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARXR Arkhyz, DOMR Dombai, RFOR Krasnaya Poly, AHMR Akhmetovskaya, VSLR Vesyl'oye, GULZR Guzerip'el, SHA1 Shidzhatmaz, KIV Kislovodsk, KBZ Khabaz, BEYR Bely Ugol+, KBTC Kuba-Taba, GHRG Ghorjomi, ABS Abastumani, GOF Gofitskoye, GELR Gelenjik.

IDC 05 08:52:54.8, 4.3, 20:79S, 178:10W, h538km, 35km, mb3.0/7,
mmtmp3.9/8, Error ellipse: s-maj=102.3km s-min=17.0km

ISC 05 09:52:56.0, 1.1, 20:77S, 0:3:178:3W, 0:2, h550km, n10,
+059/11, mb3.5/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MSFV Nonsavu, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, WRA Yreka Blue Hor, NVAR Mina Array Bea, TXAR Lajitas Array, PDAR Pinedale Array, AKASO Malin Array Be, BRTR Keskin Array B.

KRSZO 05 09:00:46.7, 1.0, 48:52N, 20:69E, h0km, ML1.5/7, Error
ellipse: s-maj=7.3km s-min=4.0km az=151.0, Explosion.,
Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KECS Kecovo, ABAH Abaujker, CRVS Cervencia-Dubn, NIE Niedzica, STHS Stebnicka Huta, STHS Piszkesteto, PSZ Piskesteto, LANS Liptovska Anna.

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LANS Liptovska Anna 0.96 304 ePg Pn 09 01 06.6 +0.3
LANS LANS h 45 s ISC Sb 09 01 20.6 +1.0
VYHS Vyhne 1.24 265 Sn Pn 09 01 28.9 +0.3

IDC 05 09:00:56.5, 1.7, 5:58S, 128:78E, h0km, mb3.2/2,
mmtmp3.2/3, ML3.1/1, Error ellipse: s-maj=29.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SIJI Sorong, SIJI, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

BUC 05 09:01:51.8, 0.7, 45:43N, 26:27E, h114km, 4km, ml2.9/11,
14C-9D, Error ellipse: s-maj=4.2km s-min=3.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MLR Muntele Rosu, BISRR Bisoca, ISRR Istrita, COVR Voineasa-Covas, PLOR Plostina, OZUP, VOIR, STFAR Stefanesti-Arg, TESR Tescani, VLRD Vladesti, CFR Carcaliu, TPGR Topolog, TIRR Tirusor.

SJA 05 09:08:30.5, 0.7, 30:59S, 71:93W, h8km, ML3.6, MW3.4
GUC 05 09:08:35.2, 0.8, 30:66S, 71:65W, h39km, 5km, ML3.4

ISC 05 09:08:30.3, 1.5, 30:60S, 0:02:71:90W, 0:05, h0km, 11km,
n32, +171/58, 4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CO05 La Serena, CO02 Combarbal, CO02 Combarbal, CO04 Tololo Observa, CO03 El Pedregal, CO01 Juntas del Tor, CO01 Juntas del Tor, LCO Las Campanas, AROD Rodeo, AC05 El Transito, AC05 El Transito, VA01 Torpederas, VA03 San Esteban, VA03 San Esteban, ROCH El Roble, AC04 Llanos de Chal, RTLS Leoncito, MT02 Peldehue, ZON Zonda, MT05 Renca, RTLL Cerro Villucun, FCH Farellones, MT03 Universidad Ad, ASAL Salagasta, CFPA Coronel Fontan, GO03 Copiap, GO03 Copiap.

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BO04 La Puntina 3.55 162 eP Pn 09 09 27.5 +1.7
AAGR Agrelo 3.60 134 eP Pn 09 09 30.0 +2.5
AAGR comp=Z, 86nm, 0.5s IAML

IDC 05 09:13:05.9, 2.1, 6:64S, 142:43E, h0km, mb3.6/1,
mmtmp3.5/3, ML3.0/2, Error ellipse: s-maj=103.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

SFS 05 09:15:52.9, 35:76N, 4:76W, h71km, ML2.8/13, ML2.7/9,
ML2.8/13

IGIL 05 09:15:53.5, 35:74N, 4:61W, h27km, ML2.2
MDD 05 09:15:53.2, 0.6, 35:74N, 4:61W, h71km, 12km, Mb2.7/11,
Error ellipse: s-maj=4.7km s-min=4.2km az=123.0

INMG 05 09:15:54.6, 1.7, 35:82N, 4:69W, h72km, 9km, ML2.0, Error
ellipse: s-maj=7.3km s-min=5.1km az=147.0

CNRMS 05 09:15:56.1, 35:49N, 4:81W, h84km, ml2.0
ISC 05 09:15:51.2, 1.3, 35:76N, 0:02:4:61W, 0:04, h102km, gkm,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SMIR Smir Dam, PALE Palesmas, EMIJ Mijas, EMIJ Mijas, CHEFC Chefchaouen, EMAL Malaga-Limoner, RSA Sarsar, RSA Los Guajares, ELGU Los Guajares, ELGU Los Guajares, AKLM AKL, EGOR Sierra Gorda, EGOR Espera, EGOR Espera, IFR Ifrane, ECAB El Cabril, ECAB El Cabril, EADA Adamuz, EADA Adamuz, EMIN Mina Concepcio, EMIN Mina Concepcio, CZD Col de Zad, ZHG ZHG, MD31 MD31, EGRO El Granado, EGRO El Granado, MDT Midelt, PBVD Barranco-do-Ve, PBAR Barrancos, PBAR Barrancos, PBAR Barrancos, PSIM Granatula de C, PCVIE Castro Verde, PCVIE Castro Verde, EBAD Badajoz, EBAD Badajoz, MESJ Messejana, MESJ Messejana, MORF Marletele, MORF Marletele, PFVI Vila Bisbo, PFVI Vila Bisbo, PAB San Pablo, PAB San Pablo, PAB Evora, EVO Evora, PESTR Estremoz, PESTR Estremoz, PNCL Nicol / Gran, PNCL Nicol / Gran.



5d 9h

Table with columns for station call letters, frequency, and other details. Includes stations like KBO, K02D, I03D, H03D, HEBO, DBO, COR, KXSX, BUCK, G03D, KRMB, H04D, KRPM, F03A, I04A, RADR, JCC, KHMM, H04A, F04D, YBH, YBH, YBH, L04D, KMPM, F04A, WISH, WISH, K04D, KMRM, KMRM, I05D, I05D, HOOD, NLWA, H05A, G05A, C03A, PINE, PINE, K05A, K05A, KCPM, KCPM, LON, LON, GNW, B04A, D05A, OZB, CGB, SIDNEY, HOPS, I07A, LTY, ORV, HAWA, G08A, B06A, CBB, HCCM, J08A, E08A, WVOR, AFDM, D08A, HOLB, E09A, PAHR, BMO, F10A, C09A, YERR, CMB, LLLB, WAKR, PLID, KVN, MFID, BBB, NEW, NEW, NEW, LHV, NVAR, NVAR, NVAR.

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Table with columns for station call letters, frequency, and other details. Includes stations like NV11, H04B, HLID, ELK, TPH, H02S1, MSO, MISO, YES, CWC, GRNB, BPMT, R1B1, CHMT, ISA, ISLA, OVMT, DLMT, MPMC, ARVC, FURC, TPNV, ELMT, BEMT, PRN, EDWZ, BOZ, DUG, SHOC, GSC, TUQ, HEC, GMRC, PDAR, PFO, HMU, PDMCI, O20A, O20A, WUAZ, DLBC, LAO, LAO, X16A, MIVC, SMC0, W18A, W18A, N23A, N23A, PHWY, S22A, S22A, ISCO, ISCO, DGMT, DGMT, RSSD, RSSD, TUC, TUC, Q24A, Q24A, BRIGG, BRIGG, SDCO, SDCO, DUNG, DUNG, ANMO, ANMO, ANMO, ANMO, OGNE, OGNE, 121A, KSCO, SUSD, FFC, YKA, K29M, K29M, B0AR, L27K, MINTX, MINTX, M5TX, M5TX, J30M, J30M, M23K, AMTX, SML, SML, A25A, K27K, I30M, F33A.

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Table with columns for station call letters, frequency, and other details. Includes stations like ECSD, ECSD, ECSD, PECS, PECS, AGMN, AGMN, ULM, ULM, H31M, H31M, I29M, I29M, DHY, ODSA, ODSA, I28M, EPYK, H29M, H29M, KAN01, KAN01, KAN17, KSU1, KSU1, APMT, APMT, ILAR, ILAR, ILAR, TX32, TXAR, TXAR, WNOK, WNOK, WNOK, CCB, CCB, G29M, G29M, F36A, F36A, NEA2, NEA2, NEA2, HPIG, HPIG, OK029, SAND, SAND, OK048, OK048, ABTX, OZNA, OZNA, OK051, L19K, L19K, T35A, OKCSW, OK033, WFTS, WFTS, QUOK, OK031, OK052, SPMN, F28M, INK, INK, W35A, L18K, L18K, P38A, BRDY, BRDY, FW06, FW06, DRIO, DRIO, J19K, J19K, J18K, L16K, U38A, U38A, X37A, X37A, S39A, S39A, HND0, HND0, IMAR, OXF, SADO, GOGA, GOGA, KMCS, FRB, SCHO, SEY.





5d 10h

Table with columns: NSTT, Station Name, Time, Res, Pg, S, Sn, P, Mb, Mb2, Mb3, Mb4, Mb5, Mb6, Mb7, Mb8, Mb9, Mb10, Mb11, Mb12, Mb13, Mb14, Mb15, Mb16, Mb17, Mb18, Mb19, Mb20, Mb21, Mb22, Mb23, Mb24, Mb25, Mb26, Mb27, Mb28, Mb29, Mb30, Mb31, Mb32, Mb33, Mb34, Mb35, Mb36, Mb37, Mb38, Mb39, Mb40, Mb41, Mb42, Mb43, Mb44, Mb45, Mb46, Mb47, Mb48, Mb49, Mb50, Mb51, Mb52, Mb53, Mb54, Mb55, Mb56, Mb57, Mb58, Mb59, Mb60, Mb61, Mb62, Mb63, Mb64, Mb65, Mb66, Mb67, Mb68, Mb69, Mb70, Mb71, Mb72, Mb73, Mb74, Mb75, Mb76, Mb77, Mb78, Mb79, Mb80, Mb81, Mb82, Mb83, Mb84, Mb85, Mb86, Mb87, Mb88, Mb89, Mb90, Mb91, Mb92, Mb93, Mb94, Mb95, Mb96, Mb97, Mb98, Mb99, Mb100.

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Table with columns: SLGT, Station Name, Time, Res, Pg, S, Sn, P, Mb, Mb2, Mb3, Mb4, Mb5, Mb6, Mb7, Mb8, Mb9, Mb10, Mb11, Mb12, Mb13, Mb14, Mb15, Mb16, Mb17, Mb18, Mb19, Mb20, Mb21, Mb22, Mb23, Mb24, Mb25, Mb26, Mb27, Mb28, Mb29, Mb30, Mb31, Mb32, Mb33, Mb34, Mb35, Mb36, Mb37, Mb38, Mb39, Mb40, Mb41, Mb42, Mb43, Mb44, Mb45, Mb46, Mb47, Mb48, Mb49, Mb50, Mb51, Mb52, Mb53, Mb54, Mb55, Mb56, Mb57, Mb58, Mb59, Mb60, Mb61, Mb62, Mb63, Mb64, Mb65, Mb66, Mb67, Mb68, Mb69, Mb70, Mb71, Mb72, Mb73, Mb74, Mb75, Mb76, Mb77, Mb78, Mb79, Mb80, Mb81, Mb82, Mb83, Mb84, Mb85, Mb86, Mb87, Mb88, Mb89, Mb90, Mb91, Mb92, Mb93, Mb94, Mb95, Mb96, Mb97, Mb98, Mb99, Mb100.

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Table with columns: Code, Station Name, Time, Res, Pg, S, Sn, P, Mb, Mb2, Mb3, Mb4, Mb5, Mb6, Mb7, Mb8, Mb9, Mb10, Mb11, Mb12, Mb13, Mb14, Mb15, Mb16, Mb17, Mb18, Mb19, Mb20, Mb21, Mb22, Mb23, Mb24, Mb25, Mb26, Mb27, Mb28, Mb29, Mb30, Mb31, Mb32, Mb33, Mb34, Mb35, Mb36, Mb37, Mb38, Mb39, Mb40, Mb41, Mb42, Mb43, Mb44, Mb45, Mb46, Mb47, Mb48, Mb49, Mb50, Mb51, Mb52, Mb53, Mb54, Mb55, Mb56, Mb57, Mb58, Mb59, Mb60, Mb61, Mb62, Mb63, Mb64, Mb65, Mb66, Mb67, Mb68, Mb69, Mb70, Mb71, Mb72, Mb73, Mb74, Mb75, Mb76, Mb77, Mb78, Mb79, Mb80, Mb81, Mb82, Mb83, Mb84, Mb85, Mb86, Mb87, Mb88, Mb89, Mb90, Mb91, Mb92, Mb93, Mb94, Mb95, Mb96, Mb97, Mb98, Mb99, Mb100.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TORDI Ar. Bea, SIP San Ignacio, CIVIP Villa Florida, etc.

IDC 05 10:57:56.4, 2.4, 13:55N, 90:54W, h0km, mb3.9/3, m1mp3.9/5, ML3.6/2, MS3.8/1, Error ellipse: s-maj=81.1km s-min=31.4km az=35.0

GCG 05 10:57:57.8, 0.8, 13:24N, 91:23W, h22km, 111km, MD3.8 SNET 05 10:58:05.8, 4.0, 13:66N, 90:94W, h39km, ML4.1

ISC 05 10:57:58.0, 1.9, 13:34N, 0:08.91, 07W, 0.05, h9km, 11km, n25, s0161/33, mb4.1/3, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SULM Suchitepequez, FUG Fuego 3, PCG Pacaya, etc.

ATH 05 11:02:36.0, 37:64N, 26:88E, h13km, 1km, ML2.9/6, Error ellipse: s-maj=2.6km s-min=1.2km az=70.0

DDA 05 11:02:35.3, 0.0, 37:62N, 26:85E, h7km, 2km, ML2.5 ISK 05 11:02:35.2, 37:63N, 26:89E, h17km, ML2.8/16

ISC 05 11:02:35.4, 0.8, 37:64N, 0:02.26, 88E, 0:02, h15km, 6km, n42, s0939/64, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SMG Samos, GCAM G?zelcam?, DDIM Aydin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KOSK Kos Island, RFTAA Mazikoy-Bodrum, CHOS Chios island, etc.

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

YER Yerkesik, ZEDA zmir-Bergama, ZEDA zmir-Bergama

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2, etc.

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

REPA Paraso, ABE2 San Pablo, LCR2 La Lucha 2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACON Acopya, TOTI Tori, UP2D Meteti, BOAB BOACO BROADBAND, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ La Paz, TXAR Lajitas Array, LCAR La Cruz, FCAR Ozark Folk C, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UJSS 05 11:38:20.8, NEIC 05 11:38:20.8, AHDH Auburn Hatcher, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Terepaima, Pamplona, El Baul, etc.

FUNV 05 12:17:08.5, 12:96N:70:95W, h34km, MW3.3
ISC 05 12:17:08.2, 6.12, 12.7N:0.2:70.84W:0.05, h10km, n13,
r=120/21, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Uribia, Siquisque, Curarigua, etc.

IDC 05 12:18:33.3:324.0, 57.80N:30:24E, h0km, Error ellipse:
s-maj=129.2km s-min=80.2km az=102.0, Baltic
States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DUBNA, I37NO, FREYUNG, etc.

SJA 05 12:25:12.0:1.2, 22.68S:66:18W, h253km, 8km, ML3.6,
MW3.6, 1D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Yavi, Humahuaca, Zapala, etc.

IDC 05 12:28:24.6:0.8, 53:83N:163:03W, h0km, mb4.0/22,
mtmp=0.025, ML3.5/3, MS3.4/4, Error ellipse:
s-maj=12.3km s-min=12.2km az=2.0

NEIC 05 12:28:24.6:1.7, 53:52N:104:162:85W:0.08, h10km, 2km,
mb4.1/56, ML3.8/16, ML3.6(AEIC), Error ellipse:
s-maj=7.0km s-min=6.0km az=111.0

MOS 05 12:28:24.3:1.1, 53:58N:162:77W, h22km, mb4.6/25,
Error ellipse: s-maj=10.7km s-min=6.8km az=88.0

AEIC 05 12:28:26.0:2.0, 53:53N:106:162:87W:0.08, h14km, 5km,
Error ellipse: s-maj=9.1km s-min=6.7km az=161.0

ISC 05 12:28:23.9:1.6, 53:53N:106:162:84W:0.04, h0km, 6km,
n321, r133/316, mb4.2/51, MS3.2/4, 11C-12D, South of
Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Brown Peak, Isanotski, Shishaldin, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Pavlov North-7, Akutun Green G, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Mentasta, Eielson Array, etc.

5d 14h

Table of station data for the first section, including columns for station name, frequency, power, and coordinates.

2017 SEP

Table of station data for the second section, including columns for station name, frequency, power, and coordinates.

324

Table of station data for the third section, including columns for station name, frequency, power, and coordinates.











ASAR Alice Springs 52.95 187 P P 17 32 32.2 +0.1
K20K K20K 53.57 31 P Iamb P 17 32 38.1 +2.2

JMA 05 17:25:53.8.0.1, 31.4N, 0.2.130.6E. 0.2, h8km, 1km, MV1.0/23, SATSUMA PENINSULA REGION, Kyushu

Code Station Name Delta AZ Phase ID Time Res
JSU Suzuyama 0.20 314 P P 17 25 57.9 +0.1

NEIC 05 17:26:58.4.1.1, 8.04S, 0.05.107.05E. 0.06, h29km, 5km, mb4.3/12, Error ellipse: s-maj=9.4km s-min=6.5km az=124.0

DJA 05 17:26:59.4.0.8, 8.3S, 3.107.7E. 1.1, h10km, 7km, M4.2/13, mb4.5/6, MLV4.1/13

IDC 05 17:27:04.0.3.6, 8.03S, 107.18E, h86km, 27km, mb3.6/10, mbtmp3.9/10, Error ellipse: s-maj=50.9km s-min=14.9km az=55.0

ISC 05 17:26:59.6.0.6, 8.21S, 0.05.107.08E. 0.06, h46km, n55, r=134/47, mb4.0/16, Jawa

Code Station Name Delta AZ Phase ID Time Res
CJML Cimerak 1.42 73 P Pn 17 27 22.9 -0.1
LEM Lembang 1.47 21 P Pn 17 27 25.5 +1.6

H01W3 Cape Leeuwin H 27.33 167 T T 18 02 25.9
H01W1 Cape Leeuwin H 27.34 167 T T 18 02 20.5
H01W2 Cape Leeuwin H 27.34 167 T T 18 02 31.0

ASAR Alice Springs 29.94 124 P P 17 33 03.9 +0.2
H08S2 Diego Garcia H 34.25 268 T T 18 10 22.7
H08S3 Diego Garcia H 34.25 268 T T 18 10 28.2

BRVK Borovoye 68.57 337 P Iamb P 17 37 56.2 -1.3
ABKAR Akbulak array 70.48 329 P P 17 38 08.8 -0.6
AKTO Aktyubinsk 72.19 330 P P 17 38 18.6 -1.1

ISC 05 17:51:57.8.0.9, 5.578S, 26.02W, h0km, mb4.2/5, mbtmp4.1/6, ML3.1/1, MS3.5/8, Error ellipse: s-maj=38.0km s-min=20.5km az=62.0

NEIC 05 17:51:59.6.1.9, 5.5S, 9.0.1.26.1W. 0.2, h10km, 1km, mb4.9/38, Error ellipse: s-maj=22.4km s-min=3.2km az=40.0

ISC 05 17:51:59.1.0.6, 5.584S, 0.09.26.08W. 0.10, h10km, n64,

c=193/56, mb4.9/20, MS3.5/7, 5C, South Sandwich

Code Station Name Delta AZ Phase ID Time Res
HOPE Hope Point 6.18 280 Op Pn 17 53 30.1 -0.2
VNA1 Neumayer-Stat 16.76 159 P P 17 55 55.6 -0.2

ISC 05 17:55:06.1.3.0, 18.59S, 173.83W, h0km, mb4.1/3, mbtmp4.0/5, ML4.1/2, MS3.1/6, Error ellipse: s-maj=100.6km s-min=27.9km az=141.0

NEIC 05 17:55:09.6.2.0, 18.4S, 0.1.174.0W. 0.1, h10km, 1km, mb4.4/10, Error ellipse: s-maj=21.9km s-min=16.6km az=30.0

ISC 05 17:55:08.9.0.7, 18.3S, 0.1.174.01W. 0.07, h10km, n28, r=199/23, mb4.4/8, MS3.4/4, Tonga Islands

Code Station Name Delta AZ Phase ID Time Res
PMSA Palmer Station 20.51 229 P Iamb P 17 56 38.4 -0.7
PMSA Palmer Station 20.51 229 LR LR 18 04 03.8
SMAI BELA Belgrano 22.33 185 P P 17 56 56.2 -0.3

MT13 San Alfonso 37.49 287 P Iamb P 17 59 14.3 +1.4
MT13 San Alfonso 37.49 287 P Iamb P 17 59 20.8
MT09 Talagante 37.85 287 P Iamb P 17 59 13.7 -2.2

CO02 Combarbal 39.83 289 P Iamb P 17 59 34.1 +1.6
MAW Mawson 39.94 143 P P 17 59 33.6 +0.7
SUR Sullivan 39.98 74 LR LR 18 12 12.8

LCO Las Campanas 41.41 292 P P 17 59 45.9 +0.2
LFB Brasilia 41.43 328 LR LR 18 14 59.4
AC01 Pan de Azucar 43.66 294 P P 18 00 04.4 +0.6

SB07 IPOC Station P 46.97 298 P P 18 00 31.6 +1.4
SB02 IPOC Station P 47.32 299 P P 18 00 33.6 +0.7
CRZF Crozet Islands 47.32 113 P P 18 00 30.2 -2.4

LPAZ La Paz 50.77 304 P Iamb P 18 01 06.6 +0.5
LPAZ La Paz 50.77 304 P Iamb P 18 01 01.5
LPAZ La Paz 50.77 304 P Iamb P 18 01 00.3 +0.3

SAM Samuel 55.11 313 P Iamb P 18 01 30.7 -0.6
ETMB Extrema 55.61 310 P P 18 01 34.4 -0.5
BOAV Boa Vista 64.50 312 P Iamb P 18 02 35.4 -0.5

MSFV Nonsavau 7.58 273 Pn P 17 57 11.4 -9.0
MSFV Nonsavau 7.58 273 Pn P 17 57 00.7 +1.2
MSFV Nonsavau 7.58 273 Pn P 17 57 47.2

DZM Mont Dzumac 18.72 255 LR LR 18 05 41.9
KOUNC Koumac, New Ca 20.59 260 P Iamb P 17 59 43.3 -4.8
KOUNC Koumac, New Ca 20.59 260 P Iamb P 18 00 14.4

ISC 05 17:57:21.5.1.0, 33.35N, 104.10E, h0km, mb3.6/6, mbtmp3.5/9, ML3.5/2, MS3.2/10, Error ellipse: s-maj=92.0km s-min=17.3km az=57.0

ISC 05 17:57:28.4.0.9, 33.33N, 104.11E. 0.2, h35km, n16, r=086/9, mb3.6/6, MS3.2/9, Gansu

Code Station Name Delta AZ Phase ID Time Res
SONMG Songino Array 14.58 6 Pn P 18 00 50.3 +0.2
SONM Songino Array 14.58 6 Pn P 18 00 50.3 +0.2

CMAR Chiang Mai Arr 15.53 19 Pn P 18 01 02.6 -0.2
KSRS Korea Array 19.84 71 P P 18 01 54.1 -0.1
MKAR Makanchi Array 21.32 315 P LR 18 02 09.3 -1.0

ZALV Zalesovo Beam 24.72 332 P LR 18 02 43.4 -0.8
ZALV Zalesovo Beam 24.72 332 P LR 18 13 27.3
AAK Ala-Archa 24.99 300 LR LR 18 14 24.6

KURBB Kurchatov Arra 25.47 320 P LR 18 02 51.8 +0.7
KLR Kuldud 25.95 44 LR LR 18 13 20.9
BVAR Borovoye Array 31.05 319 LR LR 18 16 16.9

YAK Yakutsk 33.03 22 LR LR 18 18 39.0
GEYT Alibek 37.35 290 P P 18 04 36.0 +0.4
MA2 Magadan 40.25 35 LR LR 18 22 24.2

KIRW Kirov 43.98 322 LR LR 18 26 08.7
WARR Warramunga Arr 60.35 147 P LR 18 07 31.9 -0.2
ASAR Alice Springs 63.42 149 P P 18 07 53.0 +0.4

PBA Port Blair 3.68 350 Sn Pn 18 07 34.9 +4.2
PBA Port Blair 3.68 350 Pn Pn 18 07 33.6 +4.2
PBA Port Blair 3.68 350 Pn Pn 18 07 35.6 +4.2

CHTO Chi Tang Mai 12.02 26 Pn Pn 18 09 29.1 +3.9
VIS Vishakhapatnam 13.75 316 Pn Pn 18 09 49.0 +0.3
VIS Vishakhapatnam 13.75 316 Pn Pn 18 10 34.8 +0.5

LGTI Lohaghat 24.65 332 P P 18 11 54.6 +1.9
LGTI Lohaghat 24.65 332 P P 18 12 07.2 -2.0
PTH Pithoragarh 24.75 332 P P 18 11 55.1 +1.5



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PCYT, CHNS, CHNS, WKG, WKG, CHKT, EHD, WDLH, WDLH, ECS, ELDT, WRL, WCKO, WCKO, WTK, WTK, EDH, CHN2, TPUB, TPUB, STYH, CHY, STYT, WTP, WTP, LONT, WSF, WSF, SWK, TAIN, SNST, CHN1, CHN1, WSL, WSL, TWGB, SGST, LDUT, ICHU, SLGT, IRIF, CHN8, CHN8, CHN3, HATJ, HATJ, SHHT, ECL, ECL, TSCK, TWM1, JKRS, MASBT, JIJ, EAST, TAW, TAW, PHUB, PHUB, WVDG, WVDG, SCZT, JISG, JISG, MATB, VCHM, VCHM, MSUT, PTMZ, TWKBT, JTJ, JTJ, LYJ, XPSS, MHZO, KNM, JIRB, KNMB, AXDP, ZPLA, DSXP, SXFK.

ISC 05 18:16:37.5±1.7, 0.72N; 126.67E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=160.8km s-min=22.4km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations WRA, ASAR, STKA, MKAR.

ISC 05 18:19:12.5±1.0, 2.710N; 105.11148W, h0km, n6, n1505/10, 2C, Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations SNIRB, SRIG, GUYB, UAGRB, SFQB, NE80.

ISC 05 18:22:57.1±2.0, 6.94S; 130.04E, h0km, mb3.3/1, mbtmp3.2/4, ML3.1/3, Error ellipse: s-maj=37.4km s-min=29.5km az=81.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations SIJI, WRA, ASAR, MKAR.

ISC 05 18:27:34.4±2.6, 15.73S; 175.49W, h0km, mb3.9/2, mbtmp4.0/3, ML3.9/1, MS3.2/3, Error ellipse: s-maj=195.3km s-min=30.3km az=155.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations AFI, MSVF, DZM, H11S2, H11S3, H11S1, H11N1, H11N2, WRA, ASAR, BRTR.

ISC 05 18:41:54.4±0.9, 55.57S; 25.98W, h0km, mb4.2/6, mbtmp4.2/7, ML3.5/1, MS3.7/1, Error ellipse: s-maj=38.3km s-min=19.9km az=64.0

NEIC 05 18:41:55.4±1.8, 55.57S; 0.1x25.96W, h0km, mb4.9/24, Error ellipse: s-maj=22.2km s-min=4.8km az=9.0

ISC 05 18:41:55.3±0.7, 55.81S; 10.0x26.1W, h0km, n40, n0581/39, mb4.8/16, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations HOPE, VNA1, VNA3, VNA2, SNA, SNA, TROLL, PMSA, SMAI, BELA, TRQA, ITOB, QSPA, CPUP, MT02, ZON, ROC1, MAW1, CO01, CO01, LCO, LCO, AC01, GO02, BOS, LVC, SBA, SBA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations VNA, VNA, PB07, PB02, PB01, TSUM, PB16, PB12, LPAZ, LPAZ, TOAO, TOAO, TORD, ASAR, ILAR.

ISC 05 18:43:11.7±1.1, 55.74S; 25.96W, h0km, mb4.0/3, mbtmp4.0/4, MS3.4/1, Error ellipse: s-maj=51.3km s-min=29.7km az=75.0

NEIC 05 18:43:13.1±0.8, 55.81S; 0.1x25.96W, h0km, mb4.6/15, Error ellipse: s-maj=29.1km s-min=20.9km az=75.0

ISC 05 18:43:13.0±0.7, 55.77S; 0.10x26.0W, h0km, n32, n0589/30, mb4.5/9, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations VNA1, VNA3, SNA, SNA, SNA, TROLL, PMSA, SMAI, BELA, TRQA, ITOB, QSPA, CO01, CO01, LCO, GO02, SBA, VNA, PB01, PB01, SIV, LPAZ, LPAZ, SAV, TOAO, TORD, H31M, J30M, M29M, I30M, S0M, ILAR.

ISC 05 18:52:36.2±0.9, 45.20N; 0.02x14.59E, h0km, n8km, n15, n0944/29, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations RIY, RIY, A250A, A250A, SMRN, KNDS, KNDS, GBRS, GBRS, RABC, SKDS, SKDS, CEY, CEY, A253A, VISS, VISS, BRJN, NVLL, NVLL, OZLJ, OZLJ, PLIT, PLIT, A254A, A254A.

BUJ 05 18:54:36.9±0.0, 6.81S; 130.51E, h115km, mb4.7/50, mB5.0/23 MOS 05 18:54:36.9±1.0, 6.87S; 130.24E, h99km, mb4.7/25, Error ellipse: s-maj=10.5km s-min=6.3km az=115.9

DJA 05:18:54:39.0,2.7,S,2.2,13.0E, h100km,4km, M4,8/36, mB5.2/24,mB5.1/36,MLv5.4/16,Mw(mB)4.6/24, NEIC 05:18:54:39.1,1.7,6.67/80,0.06:130.22E,0.06, h100km,6km, mB5.0/80, Error ellipse: s-maj=8.8km s-min=8.1km az=76.0

ISC 05:18:54:38.0,0.4,6.73/80,0.03:130.31E,0.04,h96km,4km, h96km:pp-P,nA55,c1980/383,mB4.8/93,11C-13D,Banda Sea

Table with columns: Code, Station Name, nA55, A Z, Phase ID, ISC, Time, Res. Lists various seismic stations and their associated data.

Table with columns: UJM, Wagnana, 19.66 265, P, P, 18 58 58.6 -0.9. Lists seismic events with station codes, magnitudes, and times.

Table with columns: ENH, Enshi, 41.87 333, P, P, 19 02 18.0 -0.9. Lists seismic events with station codes, magnitudes, and times.







MW3.8
GUC 05 19:17:24.3±0.6,21°13'S,68°85'W,h110km,dkm,ML3.8
ISC 05 19:17:22.1±0.7,21°09'S,0°03:68.99W,0.06,h128km,7km,
m63,±149/86,9C-1D,Chile-Bolivia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 05 19:17:29.8±0.9,14°60'N,93°91'W,h0km,mb4.2/15,
mbtmp4.2/17,ML3.9/2,MS3.6/17,Error ellipse:
s-maj=31.0km s-min=17.3km az=48.0

NEIC 05 19:17:36.4±2.6,14°30'N,0°07:94.16W,0.04,h31km,6km,
mb4.5/131,Md4.674(MEX),Error ellipse: s-maj=10.7km
s-min=6.3km az=184.0

SNET 05 19:17:38.0±0.9,14°67'N,93°73'W,h0km,62km,ML4.1
MEX 05 19:17:38.0±0.7,14°85'N,94°24'W,h16km,13km,Md4.6
GCG 05 19:17:47.3±0.4,15°19'N,93°20'W,h35km,99km,Md4.6
ISC 05 19:17:35.7±1.6,14°88'N,0°05:94.13W,0.03,h31km,11km,
n321,±172/342,mb4.6/60,MS3.6/17,Off coast of
Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTPU Mount Pierson, OVMT Ovando, PHWY Pilot Hill, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLCO Concord Point, AKUT Akutan, AKSA Akutan Strait, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EPZF Pizzo Felice, MNO Monte Soro, MNO Monte Soro, etc.

JMA 05 19:25:24.5:0.1,24:4N:0.4:123:7E:0.3,h7km,1km, MV3.1/9,NEAR ISHIGAKI IMA ISLAND

ATKA ATKA Island 4.81 276 Pn IAML Pn 20 00 17.7 -1.4

Code Station Name Az Phase ID Time Res. Includes stations like GAGL Gagliano Caste, GAGL Gagliano Caste, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, JKRS Kuro-shima, HATJ Hateruma jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA ATKA Island, SDPT Sand Point, CNBA Chernabura Isl, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAGL Gagliano Caste, ESML S. M. di Licod, MSFR San Fratello, etc.

NNC 05 19:41:21.6:12.0,37:53N:71.02E,h138km,215km,mb3.0, mpv3.6, Error ellipse: s-maj=114.5km s-min=74.9km

MLY Manley 15.39 26 Pn Pn 20 02 42.1 -1.5

Code Station Name Az Phase ID Time Res. Includes stations like MILZ Milazzo, VPL Vulcano Piano, VPL Vulcano Piano, etc.

SOME 05 19:41:31.3,39:43N:71.57E,h5km, ISC 05 19:41:24.7:2.5,38:3N:02:70:2E,0.1,h10km,n15,

LOGN Logan Glacier 16.53 48 Pn Iamb Pn 20 02 57.5 -0.9

Code Station Name Az Phase ID Time Res. Includes stations like IUG luzhnay, IUG luzhnay, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IUG luzhnay, AML Almayashu, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LOGN Logan Glacier, H2AK Noodor Dome, J26L Joseph Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETRA Petralia Sopra, CSLB Castebuono, LLLI Lipari, etc.

JMA 05 19:48:31.9:0.1,34:7N:0.3:138:5E:0.2,h23km,1km, MV2.7/20,SOUTHERN SURUGA BAY REG

ROM 05 20:12:55.3:0.1,41:604N:0004:14:150E:0.0005, h11km,ML1.4/3,ML1.1/4,1C-2D, Error ellipse: s-maj=0.5km s-min=0.3km az=45.0, Southern Italy

Code Station Name Az Phase ID Time Res. Includes stations like MIDA Miranda, MIDA Miranda, MIDA Miranda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSG Sagara, JZS Izushimoda, SHZ3 Shizuoka 3, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UUSS 05 20:17:13.1:1.1,42:58N:0.01:111:44W:0.03,h8km,5km, Error ellipse: s-maj=3.0km s-min=1.6km az=104.0

NEIC 05 19:59:08.3:2.6,51:95N:0.04:166:40W:0.08, h25km,11km,mb3.7/17,ML3.7/12,ML3.0(AEIC), Error ellipse: s-maj=7.1km s-min=5.5km az=68.0, South of Aleutian Islands

Code Station Name Az Phase ID Time Res. Includes stations like MIDA Miranda, MIDA Miranda, MIDA Miranda, etc.

Code Station Name Az Phase ID Time Res. Includes stations like UUSS 05 20:17:12.8:1.4,42:58N:0.01:111:45W:0.04,h10km,2km, ML2.6/84,ML2.7/13(UUSS), Error ellipse: s-maj=4.7km s-min=3.1km az=111.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKFG Magazine Ridge, OKER Okmok East Rim, NIKH Nikolski High, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, etc.









Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., SNR, SNR=9.6, etc.).

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., SNR, SNR=11, etc.).

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., SNR, SNR=13, etc.).



Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like OBKA Obir, CEY Cerknica, PRU Pruhonice, etc.

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like HHC comp=Z,96nm,5.9s, HHC comp=Z,270nm,15.1s, etc.

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like YKA comp=Z,2.0nm,0.9s, YKA Yellowknife Arr, etc.

NEIC 05 22:32:46, 42:53N; 111:47W, h3km
NEIC 05 22:32:47.7, 0.7, 42:58N; 0:01:11:43W; 0:03, h5km; 4km,
ML3.5/48, Mwr3.8/62, ML3.3/15(UUSS), Error ellipse:
s-maj=3.8km s-min=0.5km az=120.0, Moment Tensor
Solution: Moment tensor: Scale 10^14Nm; Mr=5.40;
Mw=0.16; Mw=5.56; Mn=1.85; Ms=1.64; Mf=3.53; Fault
plane solution: Mb=6.97000x10^4 Np1=215, 12000;
S34.97000; -1-83.66000; NP2=353.21000; R62.50000;
1-12.51000; Principal axes: T 6.7721, P1g5.0000;
Az=99.0000; N 0.3893, P1g20.0000; Azm4.0000; P
-7.1614, P1g65.0000; Azm223.0000;
IDC 05 22:32:47.6, 0.8, 42:40N; 111:42W, h0km, mbtmp 3.1/4,
ML3.0/4 Error ellipse: s-maj=22.1km s-min=5.2km
az=160.0
UUSS 05 22:32:48.4, 0.9, 42:58N; 0:01:10:11:42W; 0:04,
h13km; 7km, Error ellipse: s-maj=5.4km s-min=1.3km
az=99.0

ISC 05 22:32:48.2, 0.9, 42:59N; 0:03:11:46W; 0:04, h9km, n47,
08/45, Eastern Idaho

Table with columns: Code, Station Name, Frequency, Power, and other parameters. Includes stations like AHID Auburn Hatcher, AHID AHID, etc.



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

IDC 05 22:53:18.8, 1.8, 2.9, 46N, 70.17E, h0km, mb3.5/3, mbtmp3.4/4, ML3.0/1, Error ellipse: s-maj=53.0km s-min=36.3km az=41.0, Pakistan

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

NIED 05 22:59:41.3, 42.86'N, 147.31'E, h37km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1: 1.0; M2: 0.51; M3: 1.60; M4: 0.15; M5: 1.50; M6: 0.83; Fault plane solution: M3: 3.00x10^14 Np1: 3.67, 0.00000, 1.19, 0.00000, 1.19, 0.00000. NP2: 3.173, 0.00000, 1.30, 0.00000, 1.19, 0.00000.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Shikotan, Nemuro, Yuzh-Kuril'sk, etc.

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

NEIC 05 23:00:15.8, 42.50'N, 111.48'W, h7km UUSS 05 23:00:16.8, 0.6, 42.56'N, 0.01, 111.43'W, 0.03, h8km, 1km, Error ellipse: s-maj=3.3km s-min=1.5km az=105.0 IDC 05 23:00:16.9, 0.7, 42.48'N, 111.44'W, h0km, mbtmp3.4/5, ML2.8/5, Error ellipse: s-maj=18.2km s-min=4.7km az=160.0 NEIC 05 23:00:16.5, 0.5, 42.56'N, 0.01, 111.42'W, 0.03, h6km, ML3.6/98, Mwr3.8/59, ML3.7/13(UUSS), Error ellipse: s-maj=3.1km s-min=1.5km az=100.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M1: -4.19; M2: -0.42; M3: 4.61; M4: 1.29; M5: 1.15; M6: -4.16; Fault plane solution: M6: 3.100x10^14 Np1: 3.212, 520000, 1.828, 0.90000, 1.1, -53.230000. NP2: 3.352, 26000, 1.67, 840000, 1.1, -107.710000. Principal axes: T: 6.3200, Plg1: 0.0000, Azm1: 96.0000; N: -0.0250, Plg1: 0.0000, Azm1: 359.0000; P: -6.2951, Plg1: 63.0000, Azm1: 234.0000; ISC 05 23:00:16.4, 1.0, 42.56'N, 0.02, 111.42'W, 0.03, h14km, gkm, n90, c204/94, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Auburn Hatcher, Grays Lake, Eagle Creek, etc.

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

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

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

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

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

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

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

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

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

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

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

6d 0h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like ULHL, CHMS, TKM2, etc.

IDC 05:23:34.14.8.0.1, 67.84N:20.18E, h0km, ML1.9, Explosion

HEL 05:23:34.14.8.0.1, 67.84N:20.18E, h0km, ML1.9, Explosion

ISG 05:23:34.14.2.0.8, 67.83N:02.20E:0.03, h0km, n31, c154448, Sweden

Main station list table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like KUA, RATU, KUVU, etc.

BGR 06:00:10:43.2.8:99N:93:52E, h33km, mb5.3

BUI 06:00:10:53.0.0.0, 9.98N:93:11E, h101km, mb5.3/79, m85.0/44

GCMT 06:00:10:54.8.0.2, 101:15N:01:02:93:29E:0.01, h87km, 2km, MWS:0107, Moment Tensor Solution, s62, c81;

NEIC 06:00:10:55.3.10:02N:92:72E, h100km, Moment Tensor Solution. Duration: 15 Moment tensor: Scale 10^16Nm;

Triangular moment-rate function

MOS 06:00:10:54.5.0.9, 101:19N:93:16E, h97km, mb5.4/78, MS4.0/6 Error ellipse: s-maj=6.5km s-min=3.3km az=115.2

NEIC 06:00:10:55.3.10:02N:92:72E, h100km, Moment Tensor Solution. Duration: 15 Moment tensor: Scale 10^16Nm;

NEIC 06:00:10:55.8.1.9, 10:24N:0:07:93:16E:0.09, h84km, 4km, mb5.4/199, Mww5.0/12, Error ellipse: s-maj=13.5km s-min=8.8km az=60.0

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IDC 06:00:10:56.5.0.8, 10:25N:93:22E, h98km, 6km, mb4.9/34, mbtmp5.2/36, MS3.6/65, Error ellipse: s-maj=10.8km s-min=9.4km az=66.0

NDI 06:00:11:01.7:3.9, 10:75N:93:19E, h106km, 16km, mb4.9, mb5.4(NEIC)

ISC 06:00:10:55.7:0.3, 10:23N:0:03:93:16E:0.04, h94km, 1km, h94km: P-P, n1147, c1822/1178, mb5.3/284, 166C-42D, Andaman Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like PBA, LHHI, SRIT, etc.

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Main station list table with columns: PTH, PTH, CD2, CD2, CD2, CD2, etc. Includes stations like Pithoragarh, Chengdu, etc.





Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CRVS Cervenica-Dubn, STHS Stebnicka Huta, and MAUC Marus.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BRG Berggiesshubel, GEC2 GERS Array S, and MYKA Terra Mystica.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like UBR Ueberhuth, KONO Kongsberg, and DAVOX Davos/Dischmat.





Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like TPNV Topopah Spring, ECSD EROS Data Cent, ECSD EROS Data Cent, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like HDC Heredia, ROSC El Rosal, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like PRU 06:00:31:30.3,50:00N:18:67E, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like UUSS 06:00:37:09.9, NEIC 06:00:37:09.7, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like LTU Little Mountai, HVU Hansel Valley, MOOW Moose Ponds, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like IMW Indian Meadow, BW06 Boulder Arroyo, SPUT South Promonto, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like IMW Indian Meadow, BW06 Boulder Arroyo, SPUT South Promonto, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like YMP Mirror Lake Pt, HLID Hailey, HLID Hailey, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MPU Maple Canyon, DUG Dugway, DUG Dugway, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like YNE Yellowstone No, YNE Yellowstone No, NLU North Lily Min, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like DLMT Dillon, DLMT Dillon, DLMT Dillon, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like BLMT Red Lodge, BLMT Red Lodge, BLMT Red Lodge, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like TMUT Trail Mountain, TMUT Trail Mountain, MFID Camas Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MFID Camas Ranch, MFID Camas Ranch, ELKO Elko, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like SRU San Rafael Sve, SRU San Rafael Sve, K22A Casper, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like K22A Casper, K22A Casper, K22A Casper, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like ELMT Elliston, ELMT Elliston, ELMT Elliston, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like BMV Black Pine Rio, BMV Black Pine Rio, PLID Pearl Lake, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like BEML Mount Belmont, N23A Red Feather La, N23A Red Feather La, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like RSDD Black Hills, MCVO Mesa Verde, S22A Kaur Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like AHID Auburn Hatcher, AHID Auburn Hatcher, AHID Auburn Hatcher, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like PD31 Pinedale Arroyo, IMW Indian Meadow, TCUT Toone Canyon, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like SPUT South Promonto, SPUT South Promonto, BGU Big Grassy Moun, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like LYMT Lyon Mountain, LYMT Lyon Mountain, LYMT Lyon Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CHMT Chamberlain Mo, CHMT Chamberlain Mo, CHMT Chamberlain Mo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MSO Snowmass, BMO Blue Mountains, S22A Kaur Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like G06A Pilot Rock, G06A Pilot Rock, G06A Pilot Rock, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like AHID Auburn Hatcher, AHID Auburn Hatcher, AHID Auburn Hatcher, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like GRRI Grays Lake, GRRI Grays Lake, GRRI Grays Lake, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like BEI Bear River Ran, BEI Bear River Ran, BEI Bear River Ran, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like ML1 Malad Range, ML1 Malad Range, ML1 Malad Range, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like HDU Hyde Park, HDU Hyde Park, HDU Hyde Park, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like NPI North Pocatell, NPI North Pocatell, NPI North Pocatell, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like PTU Portage, PTU Portage, PTU Portage, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like HWUT Hardware Ranch, HWUT Hardware Ranch, HWUT Hardware Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like FXYW Fox Creek, FXYW Fox Creek, FXYW Fox Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MCU Monte Cristo P, MCU Monte Cristo P, MCU Monte Cristo P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MOOW Moose Ponds, MOOW Moose Ponds, MOOW Moose Ponds, etc.

6d 1h

Table with columns: BOZ, Rawlins, Trail Mountain, etc. Includes station names, codes, and coordinates.

RHSSO 06 01:12:59.9-0.7, 41.165N-20.36E, h6km, 3km, ML2.4/8
THE 06 01:13:01.6, 41.68N-20.29E, h0km, 2km, ML1.7/3, Error ellipse: s-maj=2.6km s-min=0.9km az=336.0

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists various stations and their parameters.

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Table with columns: DIVS, Divibare, TRUS, Trudelj, LSTV, Lastovo, etc. Lists stations and their coordinates.

AEIC 06 01:40:39.4-3.5, 59.77N-102.136-62W, 0.03, h15km, 4km, Error ellipse: s-maj=3.3km s-min=1.7km az=172.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

ISC 06 01:40:39.6-1.0, 59.78N-102.136-62W, 0.02, h9km, 9km, n87, r1532/125, Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

Q32M Nakina River, Q32M Nakina River, Q32M Logan Glacier, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

Q32M Nakina River, Q32M Nakina River, Q32M Logan Glacier, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

IDC 06 01:45:11.2-0.9, 40.83N-47.86E, h0km, mb3.8/8, mtimp3.921, ML3.8/11, MS3.1/15, Error ellipse: s-maj=17.1km s-min=8.9km az=160.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

Q32M Nakina River, Q32M Nakina River, Q32M Logan Glacier, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

Q32M Nakina River, Q32M Nakina River, Q32M Logan Glacier, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations and their parameters.

Table of astronomical data for the left column, listing objects like ZKTA, Vashlovani, Derbent, etc., with their coordinates and classification.

Table of astronomical data for the middle column, listing objects like DVE, Vedeno, YARD, etc., with their coordinates and classification.

Table of astronomical data for the right column, listing objects like KBZ, Khabab, SHA1, etc., with their coordinates and classification.

6d 2h

Table with columns for station name, frequency, mode, and location. Includes stations like MND, MNK, BRVK, BVAR, KOLS, AAK, KLMR, PRGR, SUW, NRN, OJC, VYHS, VSU, SCTE, MODS, MORC, ADZR, ARSA, SOKA, FINES, OBKA, SABO, GERES, MAKZ, MK31, MKAR, MKAR, AOU, WATA, DMOT, LESA, MURB, WTTA, WATA, SQT, MOTA, ZALV, HFS, NB201, NOA, ARCES, ESDC.

2017 SEP

Table with columns for station name, frequency, mode, and location. Includes stations like SPB2, KMBO, TOAO, TORO, TORO, KOWA, LSZ, MATP, J20K, I30M, NEIC, IDC, ISC, KRVT, RABL, PMG, HNR, EIDS, MTN, DZM, WBO, WR0, WRA, KNRA, AS31, STKA, DAV, FOR, MBWA, PSAO, MORW, MJAR, KLR, PETK, MA2, SONMI, Vnda, ANM, MKAR, CAST, ILAR, J2SK, QSPA, NVAR, ARU, TORD, SJA, GUC, ISC, Code, Station Name, Az, Phase ID, Time, Res.

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Table with columns for station name, frequency, mode, and location. Includes stations like G003, AC06, CO05, CO04, G004, G004, G004, CO01, CO01, CO01, AC01, AC01, AC01, CO03, CO03, AC01, AC01, CO02, CO02, CO02, CO02, ACCO, DOCA, DOCA, TINO, G002, G002, G002, PB14, PB14, RTLL, COCA, GPNR, EZN, EZN, SGR, SGR, SGR, PRK, PRK, PRK, PRK, BAYC, BAYC, CNKL, CNKL, CNKL, AYVA, AYVA, GOKA, GOKA, GOKA, GOKA, BAYC, GOKA, GOKA, CNKL, CNKL, CNKL, AYVA, AYVA, GOKA, GOKA, GOKA, GOKA, RFT2, LIA, LIA, LIA, EFAA, EFAA.

Table with columns: BUHA, Balikesir, Bur, 0.85, 94, P, Pg, 02 06 31.2, -0.3, etc. Includes station names like Balikesir, Bur, BUHA, etc.

IDC 06 02:07:14.6:8.4, 0.03N, 123.94E, h126km, mb3.2/3, mbtpm3.7/4, Error ellipse: s-maj=69.9km s-min=23.5km az=53.0

DJA 06 02:07:14.8:0.4, 0.1N, 5.12E, h58km, mb3.2/11, mb4.5/3, mB5.0/1, MLV4.0/11, Mw(mB)4.3/1

ISC 06 02:07:12.8:1.2, 0.08N, 108.124:16E:0.06, h110km, n10, r120/11, mb3.4/3, Minahassa Peninsula, Sulawesi

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

IDC 06 02:14:52.2:2.2, 3.00N, 128.38E, h0km, mb3.8/3, mbtpm3.9/3, Error ellipse: s-maj=163.1km s-min=23.0km az=69.0, North of Halmahera

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

WEL 06 02:18:04.3:1.8, 35'S, 107.179'E, h12km, M4.3/18, ML4.3/11, MLV4.3/18, Error ellipse: s-maj=0.0km s-min=0.0km az=61.7, confirmed, South of Kermadec Islands

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

Table with columns: RWGZ, Raukumara Rang, 3.33, 197, P, Pn, 02 18 56.0, -0.4, etc. Includes station names like Raukumara Rang, Tauwhareparae, etc.

IDC 06 02:22:09.9:1.2, 42.57'N, 111.42'W, h0km, mbtpm2.9/3, ML2.8/5, Error ellipse: s-maj=26.7km s-min=5.8km

NEIC 06 02:22:10.4:0.5, 42.59'N, 111.11'W, h0km, mbtpm2.8km, ML3.2/86, ML3.3/15(UO'S), Error ellipse: s-maj=2.8km s-min=1.4km az=103.0

UUSS 06 02:22:10.7:0.7, 42.60'N, 111.43'W, h0km, mbtpm1.1km, Error ellipse: s-maj=3.0km s-min=2.1km az=113.0

ISC 06 02:22:10.3:1.2, 42.59'N, 111.44'W, h0km, mbtpm1.3km, n82, c079/85, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Auburn Hatcher, Grays Lake, Eagle Creek, etc.

WVUT Wellsville 1.05 202 P Pg 02 22 30.7 +0.3

WVUT Fox Creek 1.09 16 Sg Sg 02 22 45.8 +0.3

MCU Monte Cristo P 1.12 183 P Pg 02 22 32.1 +0.2

LTU Little Mountai 1.16 211 P Pg 02 22 32.4 +0.2

MOOW Moose Ponds 1.27 23 P Pg 02 22 33.9 +0.8

MOOW 308nm,0.7s IAML 02 22 53.6

MOOW 300nm,0.9s IAML 02 22 54.2

HVU Hansel Valley 1.28 231 P Pn 02 22 33.8 -1.6

IMW Indian Meadow 1.36 15 IAML 02 22 35.6 -1.1

IMW 595nm,0.7s IAML 02 23 00.4

BW06 Boulder Array 1.40 82 IAML Pn 02 22 36.4 -0.8

BW06 398nm,1.1s IAML 02 22 59.1

BW06 264nm,0.9s IAML 02 23 02.4

PDAR Pinedale Array 1.40 82 Pn 02 22 36.1 -1.0

PDAR 259m,0.3s, baz=254, slow=14, SNR=264 Lg Lg 02 22 55.8

TCUT Toone Canyon 1.47 179 Pn 02 22 38.0 -0.5

TCUT South Promonto 1.48 211 IAML Pn 02 22 37.4 -0.8

SPUT comp=N,490nm,1.0s IAML 02 22 59.8

YPP PITCHSTONE PIA 1.75 15 Pn 02 22 41.9 -0.1

YPP comp=N,203nm,0.9s IAML 02 23 08.5

Table with columns: ELK, Elko, 3.39, 238, Pn, Pn, 02 23 04.2, -0.2, etc. Includes station names like Elko, San Rafael Swe, etc.

UUSS 06 02:26:41.9:0.6, 42.60'N, 111.11'W, h0km, mbtpm3.3km, mB1.2/11, Error ellipse: s-maj=3.2km s-min=1.2km az=113.0

NEIC 06 02:26:41.5:0.6, 42.60'N, 111.11'W, h0km, mbtpm3.3km, h7km, UMS, ML3.0/76, ML3.2/13(UO'S), Error ellipse: s-maj=3.2km s-min=0.9km az=92.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Auburn Hatcher, Grays Lake, Eagle Creek, etc.

YPP comp=N,201nm,0.5s IAML 02 22 37.1

H17A Grant Village 1.90 19 Pn 02 27 12.3 -2.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Red Lodge, Rawlins, Camas Ranch, Elko, Casper, Marysville, Spring Creek 3, Lyon Mountain, Red Feather La, Pine Spring, Mount Pierson, Mesa Verde, Pahroc Range, Divide, Netson.

USS 06:02:36:17.1±0.9, 42°58N, 0°01'11.44W, 0.03, h6km±5km, Error ellipse: s-maj=3.4km s-min=1.5km az=105.0

NEIC 06:02:36:16.5±0.8, 42°58N, 0°02'11.44W, 0.03, h2km±2km, ML2.6/60, ML2.6/12(USS), Error ellipse: s-maj=2.8km s-min=2.1km az=110.0, Eastern Idaho

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Auburn Hatcher, Grays Lake, Eagle Creek, Malad Range, Hyde Park, Red Top Meadow, North Pocatell, Hardware Ranch, Fox Creek, Monte Cristo P, Little Mountain, Hansel Valley, Moose Ponds, Boulder Array, Camp Tracy, Toone Canyon, South Promonto, Pitchstone Pla, Camp Tracy, Grant Village, Old Faithful, Big Grassy Mts, Maple Canyon, Dugway, Tooele, Yellowstone No, North Lily M, Dillon, Red Lodge, Bozeman (W), Rawlins, Trail Mountain, White River Ci, San Rafael Swe, Spring Creek 3, Red Feather La, Blue Mountains, Shurtz Canyon, Pink Cliffs, Black Hills.

h8km, 4km, Error ellipse: s-maj=2.8km s-min=0.7km

az=112.0, NEIC 06:02:38:44.7±0.8, 42°58N, 0°01'11.44W, 0.03, h6km±1km, ML2.8/89, ML3.0/14(USS), Error ellipse: s-maj=2.9km s-min=1.5km az=111.0, Eastern Idaho

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Auburn Hatcher, Grays Lake, Eagle Creek, Bear River Ran, Cokeville, Black Mountain, Malad Range, Hyde Park, Red Top Meadow, North Pocatell, Hardware Ranch, Wellsville, Fox Creek, Monte Cristo P, Little Mountain, Hansel Valley, Moose Ponds, Boulder Array, Camp Tracy, Toone Canyon, South Promonto, Pitchstone Pla, Camp Tracy, Grant Village, Old Faithful, Big Grassy Mts, Maple Canyon, Dugway, Tooele, Yellowstone No, North Lily M, Dillon, Red Lodge, Bozeman (W), Rawlins, Trail Mountain, White River Ci, San Rafael Swe, Spring Creek 3, Red Feather La, Blue Mountains, Shurtz Canyon, Pink Cliffs, Black Hills.

TUL 06:03:20:54.7±0.7, 36°17'N, 101°00'09.96'W, 0.01, h7km, 6km, ML3.3, mb, Lg2, 9.97(NEIC), ML3.5/102(NEIC), Error ellipse: s-maj=1.7km s-min=1.1km az=52.0

ANF 06:03:20:54.9±0.2, 36°17'N, 96°9'0W, h4km, ML3.5/13, Error ellipse: s-maj=1.7km s-min=1.6km az=28.0

NEIC 06:03:20:55.3±0.5, 36°17'N, 0°01'96.921W, 0.009, h6km±6km, Error ellipse: s-maj=1.6km s-min=1.1km az=174.0

ISC 06:03:20:54.9±0.9, 36°18'N, 0°02'96.93W, 0.02, h9km±7km, n109, 0868/88, Oklahoma

Main table of station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Mehan, Quoy, Battle Ridge R, Fox Creek, S. Brethren R, Pawnee Station, E0350 and S346, Depew, Liberty Lake, Sooner Cattle, Sooner Cattle, Oklahoma City, Carrier, Grant County #, Caldwell West, Manchester OK, Argonia South, Argonia West S, Anthony SW Sta, Harper NE Stat, Hires, Rose Lookout, Wayne, Winter Ranch, Winter Ranch, Smith Ranch, M, Clayton, Claytor, Kansas State U, Perchaven, San, Kansas State U, Kansas State U, Mount Ida, Mount Ida, Azle.

USS 06:02:38:45.0±1.0, 42°56N, 0°00'9.11'W, 0.02,

06:03:20:54.7±0.7, 36°17'N, 101°00'09.96'W, 0.01, h7km, 6km, ML3.3, mb, Lg2, 9.97(NEIC), ML3.5/102(NEIC), Error ellipse: s-maj=1.7km s-min=1.1km az=52.0

Table with columns: Call Sign, Frequency, Mode, Power, Status, Location, Time, etc. Includes stations like FW06, S39A, FW03, U40A, Z38A, CBKS, FW07, X40A, MGMO, APMT, WHAR, WHAR, FCAR, FCAR, UALR, WLAR, AMTX, AMTX, DKNS, DKNS, R40A, R40A, P38A, SN01, LCAE, NATX, CCAR, POST, CCM, CCM, P40A, BRDY, BGNE, KSCO, KSCO, 435B, SGCY, FVM, FVM, 143A, SLMT, CGM3, T25A, T25A, JCT, ODSA, ODSA, OGNE, OGNE, OZNA, OZNA, SIUC, SIUC, K31A, HND0, SDCO, Q24A, BRIGG, PLAL, DRIO, DRIO, HDIL, HDIL, SAND, SAND, ISCO, O44A, T47A, P46A, JFW5, N23A, RSSD.

Table with columns: Call Sign, Frequency, Mode, Power, Status, Location, Time, etc. Includes stations like K22A, IDC 06, JMA 06, ISC 06, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Includes stations like Casper, IRIF, HATJ, HATJ, JKRS, JKRS, JJJ, JJJ, YOJ, YOJ, JISG, JISG, JYNG, JYNG, JTJ, JTJ, JOW, JOW, MKAR, MKAR, KURBB, KURBB, WRA, WRA, ASAR, ASAR, FINES, FINES, NB2, NB2, NOA, NOA, UUSS, UUSS, NEIC, NEIC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Includes stations like Casper, IRIF, HATJ, HATJ, JKRS, JKRS, JJJ, JJJ, YOJ, YOJ, JISG, JISG, JYNG, JYNG, JTJ, JTJ, JOW, JOW, MKAR, MKAR, KURBB, KURBB, WRA, WRA, ASAR, ASAR, FINES, FINES, NB2, NB2, NOA, NOA, UUSS, UUSS, NEIC, NEIC.

Table with columns: Call Sign, Frequency, Mode, Power, Status, Location, Time, etc. Includes stations like TCRU, BPMT, PLID, PLID, BEMT, SPR3, LYMT, PSUT, CHMT, MTU, MSO, MSO, MSO, PHWY, SMC0, BMO, BMO, BMO, BMN, BMN, IDC 06, IDC 06, NEIC 06, NEIC 06, UUSS 06, UUSS 06, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Includes stations like TCRU, BPMT, PLID, PLID, BEMT, SPR3, LYMT, PSUT, CHMT, MTU, MSO, MSO, MSO, PHWY, SMC0, BMO, BMO, BMO, BMN, BMN, IDC 06, IDC 06, NEIC 06, NEIC 06, UUSS 06, UUSS 06.

Table of station data for the left column, including call signs like Q20A, SRU, K22A, TCRU and various frequencies and identifiers.

IDC 06 03:56:05.5 1.6,40:76N:47:98E,h0km,mb3,4/3, mtdmp3,4/6,ML3,0/0, Error ellipse: s-maj=27.5km s-min=13.3km az=160.0

AZER 06 03:56:06.9 0.0,41:14N:47:74E,h10km, Error ellipse: s-maj=0.8km s-min=0.7km az=16.0

MOS 06 03:56:07.1 0.0,41:11N:47:70E,h4km,MPVA4.2 TIF 06 03:56:08.0,41:11N:47:71E,h5km,1km

DRS 06 03:56:10.5 0.0,41:21N:47:84E,h16km NSSP 06 03:56:13.4,41:07N:47:63E,h10km,Ms3.5

TEH 06 03:56:13.6,40:59N:47:75E,h11km,ML2.9 ISC 06 03:56:08.9,41:08N:0:01:47:74E,0:01,h7km,2.7km, n113,119:66:202,mb3,3/3,6C-8D,Eastern Caucasus

Table of station data for the left column, including call signs like QBL, QBL, XNQ, AKT, AKT, AKT and various frequencies and identifiers.

Table of station data for the middle column, including call signs like DDFL, DDFL, DDFL, DDFL and various frequencies and identifiers.

Table of station data for the right column, including call signs like GROG, GROG, GROG, GROG and various frequencies and identifiers.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, NVAR Mina Array Bay, H112 WAKE ISLAND Hy, etc.

NEIC 06 04:27:42.6r:1.8, 42.61N:0.02:111.45W:0.03, h10km, 2km, ML3.0/64, Error ellipse: s-maj=4.8km s-min=3.1km az=123.0

ANF 06 04:27:43.9:0.5, 42.72N:111.42W, h0km, ML3.1/9, Error ellipse: s-maj=4.8km s-min=4.3km az=165.0

ISC 06 04:27:42.1:1.2, 42.62N:0.02:111.48W:0.03, h2km, 13km, n62, r1548/76, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Auburn Hatcher, Eagle Creek, North Pocatell, etc.

Table with columns: MFD, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RWVY Rawlins, TMUT Trail Mountain, ELK Elko, etc.

UUSS 06 04:36:28.0:2.4, 43.1N:16.1:11.1W:5.2, h6km, 2km, Error ellipse: s-maj=704.1km s-min=11.6km az=292.0

NEIC 06 04:36:28.5:1.7, 42.58N:0.02:111.47W:0.04, h10km, 2km, ML3.8/84, ML3.3/14(USS), Mw3.4/9(SLM), Error ellipse: s-maj=4.6km s-min=3.1km az=111.0

IDC 06 04:36:28.7:1.0, 42.43N:111.36W, h0km, mbtp3.0/3, ML3.0/3, Error ellipse: s-maj=26.3km s-min=5.8km az=158.0

NEIC 06 04:36:29.4:2.56N:111.35W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=1.18; Mw=0.34; Mw=1.52; Mw=0.64; Mw=0.01; Mw=0.18; Fault plane solution: M1: 53000x10^4 Np1: 154.00000; 649.00000; lambda=129.00000; NP2: 25.00000; 855.00000; Azm91.00000; Principal axes: T: 1.5323, Plg4.00000; N: -0.0002, Plg28.0000; Azm183.0000; P: -1.5321, Plg62.0000; Azm354.0000;

ISC 06 04:36:29.4:1.0, 42.58N:0.02:111.39W:0.03, h9km, n78, r1171/9, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Auburn Hatcher, Gray Lake, Bear River Ranch, etc.

Table with columns: ELK, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ELK Elko, ELK comp=N,271nm,2.1s, ELK comp=N,149nm,0.9s, etc.

IDC 06 04:37:44.7:0.6, 42.41N:111.44W, h0km, mb3.7/5, mbtp3.7/13, ML3.2/8, MS3.7/58, Error ellipse: s-maj=11.9km s-min=5.2km az=161.0

NEIC 06 04:37:44.1, 42.58N:111.21W, h18km, Moment Tensor Solution. Duration: 182 Moment tensor: Scale 10^16Nm; Mr=1.02; Mw=0.08; Mw=1.10; Mw=0.21; Mw=0.39; Mw=0.000; Fault plane solution: M1: 15000x10^16 Np1: 27.73000; 849.56000; lambda=74.78000; NP2: 184.97000; 842.75000; lambda=107.12000; Principal axes: T: 1.2256, Plg3.0000; Azm107.0000; N: -0.1610, Plg12.0000; Azm198.0000; P: -1.0646, Plg78.0000; Azm0.0000;

NEIC 06 04:37:44.1, 42.58N:111.44W, h18km

NEIC 06 04:37:44.2, 42.58N:111.53W, h8km

NEIC 06 04:37:44.5:2.0, 42.57N:0.03:111.44W:0.06, h10km, 2km, ML4.5/26 (U.S.S.), Mw3.4/9, Mw4.6/21, ML4.3/16 (U.S.S.), Error ellipse: s-maj=7.5km s-min=3.2km az=298.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=3.98; Mw=1.80; Mw=5.78; Mw=1.41; Mw=2.44; Mw=3.66; Fault plane solution: M1: 69000x10^15 Np1: 349.31000; 867.12000; lambda=122.20000; NP2: 227.62000; 838.77000; lambda=38.38000; Principal axes: T: 7.3954, Plg16.0000; Azm102.0000; N: -1.1305, Plg29.0000; Azm3.0000; P: -6.2649, Plg56.0000; Azm217.0000;

UUSS 06 04:37:45.1:2.0, 42.57N:0.03:111.42W:0.06, h10km, 6km Error ellipse: s-maj=6.7km s-min=2.7km az=121.0

GCMT 06 04:37:50.7:0.4, 42.60N:0.04:111.16W:0.14, h22km, 1km, MW4.8/66, Moment Tensor Solution. s12,c13; s66,c16; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=1.23; 17; Mw=0.02; 10; Mw=1.63; 11; Mw=0.27; 19; Mw=0.86; 06; Mw=0.29; 14; Best double couple: M1: 68400x10^16 Np1: 357.00000; 854.00000; lambda=123.00000; NP2: 225.00000; 848.00000; lambda=53.00000; Principal axes: T: 1.9540, Plg3.0000; Azm110.0000; N: -0.5400, Plg26.0000; Azm18.0000; P: -1.4130, Plg63.0000; Azm206.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 06 04:37:45.1:0.6, 42.57N:0.02:111.42W:0.02, h13km, 4km, n243, r1966/207, mb4.4/14, MS3.8/54, Eastern Idaho

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Auburn Hatcher, Grays Lake, Bear River Ranch, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YPP, CTU, H17A, YFT, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WCT, KSCO, G05A, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like O53A, P53A, V53A, etc.

IDC 06:04:45:48.2:1.2,51:40N:158:69E, h0km, mb3.5/4. mbmp3.6/4, Error ellipse: s-maj=31.8km s-min=22.5km az=107.0
KRSC 06:04:45:52.1:1.1,51:50N:158:46E, h43km, 20km, M14.1
ISC 06:04:45:53.1:1.3,51:46N:107:158:45E:0.07, h39km, 5km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAU, MTRV, GRL, KRM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR, H1N2, H1N3, etc.

ISC 06 05:16:48.4 5.39:32N-66:37E, h0km, mb3.5/1, mbmp3.6/3, ML3.2/2, Error ellipse: s-maj=217.1km s-min=23.4km az=151.0

ISC 06 05:16:54.6 1.8, 36.6N-02:70.0E-0.2, h200km, n12, s-r166/14, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AML, KK31, UCH, etc.

SNET 06 05:17:15.0 2.0, 14:29N-91:24W, h15km, 6km, ML2.8 GCG 06 05:17:16.3 0.5, 14:28N-91:44W, h51km, 12km, MD3.6

ISC 06 05:17:14.0 2.2, 14:11N-01:91.5W-0.1, h50km, n12, s-r088/15, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SULM, RTAL, STG3, etc.

ISC 06 05:23:57.2 2.2, 6:82S, 128:81E, h0km, mb3.5/1, mbmp3.9/4, ML3.9/3, MS2.9/2, Error ellipse: s-maj=53.5km s-min=32.7km az=73.0

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

ISC 06 05:41:00.3 3.2, 54:43N-87:05E, h0km, mbmp2.9/2, ML2.5/2, Error ellipse: s-maj=26.7km s-min=18.4km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, etc.

SJA 06 05:45:30.1 0.7, 30:73S-71:78W, h12km, 3km, ML4.3, MWV.9

GUC 06 05:45:35.6 0.8, 30:77S-71:35W, h44km, 2km, ML4.2 VAO 06 05:45:35.4 0.3, 30:91S-71:39W, h45km, mb4.3

NEIC 06 05:45:36.7 30:76S-71:45W, h43km, mb4.2/27, Mw4.25, 2Y(GUC), Error ellipse: s-maj=15.3km s-min=7.7km az=98.0, Moment Tensor Solution. Moment tensor: Scale: 10^19Nm, Mrr: 6.1; Mtt: 0.19; Mss: 1.0; Mtr: 0.49; Mts: 0.02; Mrt: 1.79; Fault plane solution: M2.520000; 1015 NP1=168.30000; 069.02000; 180.94000. NP2=12.31000; 822.78000; 112.33000. Principal axes: T 2.4647, P165.0000, Azm63.0000; N 0.1160, P168.0000, Azm172.0000; P -2.5807, P164.0000, Azm265.0000;

ISC 06 05:45:39.3 2.6, 30:66S-71:43W, h70km, 22km, mb3.9/6, mbmp4.1/12, MS3.3/1 Error ellipse: s-maj=24.5km s-min=17.1km az=67.0

ISC 06 05:45:34.0 0.8, 30:77S-02:71.52W-0.04, h32km, 2km, n161, s-r196/182, mb4.3/9, MS3.5/6, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO02, CO03, CO04, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJA, RTLL, MTRV, etc.

6d 7h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PDRB Porto dos Gac, PARR Paraiba, ATAH Atahualpa, etc.

6d 7h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BOAV Boa Vista, MCPB Macapa, MDP Montagnes des, etc.

6d 7h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SUR Sutherland, MAW Maxwell, NVAR Mina Array, etc.

6d 7h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TORD Torodi Ara, TORD Tyneside, ULM Lac du Bonnet, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like STCO Toronto-Lesli, CCNY Canisius Colle, EFO Effingham, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ERPA Erie, DELO Deloro Mine, SADO Sadowa, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CLWO Collingwood, K57A Scipio Center, M55A Midway, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BINO Binghamton, PEMO Pembroke, KBIO Rock site, etc.

362

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GAC Glen Almond, EEO Eldee, KIPQ Kipawa, etc.

362

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, ZALV Kurchatov Ara, etc.

362

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

362

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, etc.

362

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

362

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CTU Camp Tracy, H17A Grant Village, YFT Old Faithful, etc.

362

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

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

IDC 06:07:33.14.1.14.37.12N:142.40E, h0km, mb3.5/4, mbtmp3.5/5, ML3.0/1, MS2.8/3, Error ellipse: s-maj=33.4km s-min=27.0km az=150.0

JMA 06:07:33.17.4.0.3.37.2N:0.6:14.2'E, h33km, 4km, MV3.9/36, E OFF FUKUSHIMA PREF

NIED 06:07:33.17.4.0.3.37.22N:142.21E, h33km, MW3.6 Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; M1=1.59; M2=0.43; M3=1.15; M4=1.60; M5=0.55; M6=2.51; Fault plane solution: M3.34000x10^14 NP1: 0.148,00000, 0.770,00000, -0.91,00000. NP2: 0.334,00000, 0.14,00000, -0.8,00000.

ISC 06:07:33.16.2.3.0.37.22N:0.06:142.13E:0.08, h11km, 17km, n26, 1504/25, mb3.6/4, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kawauchi, Iwakimizuishiy, Minamisoumatoc, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSR5 Korea Array, PETK Petropavlovsk, H11N2 WAKE ISLAND, etc.

IDC 06:07:35.30.4.0.7.42.39N:111.36W, h0km, mb3.5/3, mbtmp3.7/9, ML3.0/6, MS3.4/16, Error ellipse: s-maj=14.2km s-min=5.7km az=159.0

UUS5 06:07:35.30.6.0.9.42.61N:102.02:11.1, 45W:0.04, h6km, 5km, Error ellipse: s-maj=4.1km s-min=2.1km az=116.0

NEIC 06:07:35.30.8.42.58N:111.40W, h6km, NEIC 06:07:35.30.4.0.9.42.59N:102.02:11.1, 44W:0.04, h7km, 5km, ML4.0/80, Mw1.4, 2/73, ML4.1/16(UUS5), Error ellipse: s-maj=4.2km s-min=2.1km az=111.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; M1=1.51; M2=0.67; M3=2.18; M4=0.82; M5=0.88; M6=0.29; Fault plane solution: M2.30000x10^15 NP1: 0.346,25000, 0.46,83000, -0.136,57000. NP2: 0.223,32000, 0.59,91000, -0.52,26000. Principal axes: T 2.4947, P1g7.0000, Azm287.0000, N -0.4700, P1g32.0000, Azm22.0000, P -2.0245, P1g57.0000, Azm186.0000.

ISC 06:07:35.31.5.0.7.42.57N:102.11:13.6W:0.03, h10km, n83, s172/77, MS3.4/9, Eastern Idaho

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AHID Auburn Hatcher, ECR 42m Creek, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RWVY Rawlins, TMUT Trail Mountain, MFID Camas Ranch, etc.

NNC 06:07:41:29.7:4.5, 53.80N:90.69E, h13km, mb4.2, mpv3.9, 10C-3D, Error ellipse: s-maj=38.5km s-min=27.5km az=27.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZAA0 Zalesovo Array, KURK Kurchatov, DUG Dugway, Tooele, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ZALESOVO INFRA, Zalesovo Beam, Makanchi Array, Borovoye Array.

NEIC 06 07:51:07.8-0.7, 42.61N, 111.47W, 0.02, h2km, 3.3km, M-L3/3, Error ellipse: s-maj=23.0km s-min=13.1km az=64.0, Southwestern Siberia

NEIC 06 07:51:08.3-0.6, 42.61N, 111.47W, 0.02, h2km, 3.3km, M-L3/3, Error ellipse: s-maj=2.6km s-min=1.5km az=105.0, Moment Tensor Solution

NEIC 06 07:51:09.2-0.7, 42.50N, 111.46W, 0.03, h10km, n95, s=155.02, Eastern Idaho

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Auburn Hatcher, Grays Lake, Eagle Creek, etc.

Table of station data for BOZ (Bozeman) and other stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Bozeman (W), Camas Ranch, Trail Mountain, etc.

UUSS 06 07:54:27.3-0.7, 42.60N, 111.43W, 0.02, h6km, 1km, Error ellipse: s-maj=3.2km s-min=2.9km az=111.0

NEIC 06 07:54:26.9-0.4, 42.59N, 111.41W, 0.02, h10km, 2km, M-L3/8/26, ML3.4/6(UUSS), Error ellipse: s-maj=4.1km s-min=3.1km az=80.0, Eastern Idaho

Table of station data for AHID (Auburn Hatcher) and other stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Auburn Hatcher, Grays Lake, Eagle Creek, etc.

Table of station data for H17A, CTU, YHH, NLU, BOZ, etc. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

NEIC 06 07:55:09.7-0.5, 42.60N, 111.47W, 0.02, h1km, mb4.2/19, ML4.1/42, Mw4.2/98, ML4.3/16(UUSS), Error ellipse: s-maj=2.4km s-min=1.5km az=106.0, Moment Tensor Solution

NEIC 06 07:55:10.2, 42.61N, 111.49W, h5km, ISC 06 07:55:11.5-0.5, 42.59N, 111.46W, 0.02, h10km, n134, s=229/24, mb4.0/5, MS3.7/38, Eastern Idaho

Main table of station data for AHID (Auburn Hatcher) and other stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Auburn Hatcher, Grays Lake, Eagle Creek, etc.

Table of station data for stations 365-975. Columns include station ID, name, coordinates, elevation, and other technical details.

Table of station data for stations 975-1300. Columns include station ID, name, coordinates, elevation, and other technical details.

ISK 06 07:56:00.9, 38:68N-43:21E, h6km, ML2:9/8
DIA 07:56:01.6, 0.0, 38:68N-43:22E, h7km, 2km, ML2.5
ISC 06 07:56:01.7, 0.0, 38:58N-0:03:43.20E:0:03, h14km, gkm, n13, c064/21, Turkey

Table of station data for stations 1300-2200. Columns include station ID, name, coordinates, elevation, and other technical details.

IDC 06 08:26:29.7, 0.8, 42:70N-111:53W, h0km, mb4.2/1, mbmp3.67, ML2.6/6, MS3.2/20, Error ellipse:
s-maj=16.6km s-min=5.5km az=162.0

UOSS 06 08:26:30.6, 1.8, 42:57N-0:02:11.41W:0:03, h10km, 8km, Error ellipse: s-maj=3.4km s-min=1.4km az=123.0
NEIC 06 08:26:30.6, 1.8, 42:61N-0:02:11.41W:0:04, h10km, 2km, ML3.9/70, Mw4.1/81, ML4.1/16(UOSS), Error ellipse:
s-maj=5.8km s-min=3.0km az=114.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr-1.36;
Mtt-0.22; Mss1.57; Mtt0.55; Mtt0.32; Mss1.11; Fault plane solution: Mb1.95000x10^15 Np2:121.8000;
0.32, 3.0000; A-50.17000; NP2:0:347.57000; 0.65, 77000;
-1, -11.04000; Principal axes: T 1.9546, P18.0000;
Azm94.0000; N -0.0008, P120.0000; Azm357.0000; P -1.9598, P163.0000; Azm222.0000;

Table of station data for stations 2200-3000. Columns include station ID, name, coordinates, elevation, and other technical details.

Table of station data for stations 3000-4000. Columns include station ID, name, coordinates, elevation, and other technical details.

6cd 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EROS Data Cent, Salt Plains WL, Manchester OK, Agassiz Nation, Lac du Bonnet, etc.

UJSS 06 08:26:55.6:0.5, 42.57N:0.01:11.41W:0.02, h5km, 1km, Error ellipse: s-maj=2.7km s-min=1.4km az=110.0

NEIC 06 08:26:55.3:0.4, 42.58N:0.01:11.43W:0.01, h5km, 4km, ML3.9/13(UJSS), Error ellipse: s-maj=2.1km s-min=1.1km az=147.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, etc.

NEIC 06 08:32:29.3:0.5, 19.23N:0.03:155.51W:0.03, h83km, 4km, Error ellipse: s-maj=5.0km s-min=3.2km az=145.0

HVO 06 08:32:30.4:0.8, 19.21N:0.03:155.47W:0.03, h36km, ML2.6/37, ML3.0/54(NEIC), Error ellipse: s-maj=5.0km s-min=3.0km az=123.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HVC Hot Caves, KAHU Kahuku, KKHU Kahuku, etc.

2017 SEP

Table with columns: OBL, OBS, UWB, UWB, UWB, UWB, BYL, BYL, BYL, SBLHI, SBLHI, SBLHI, SBLHI, PUH, PUH, PUH, MLH, MLH, MLH, MWH, MWH, MWH, RSD, RSD, RSD, KNHH, MLOA, MLOA, MLOA, STCH, STCH, STCH, ALEP, ALEP, NPOC, NPOC, NPOC, JCJU, JCJU, JCJU, JCJU, JOKA, JOKA, CPH, POHA, KHLU, KHLU, KHLU, HUH, HUH, HUH, HPAH, HPAH, HPAH, MHA, MHA, HLK, HLK, KHLH

IDC 06 08:36:31.9:3.4, 53.57N:87.83E, h0km, mbtmp2.7/1, ML2.7/1, Error ellipse: s-maj=30.6km s-min=17.4km az=57.0

NNC 06 08:36:32.1:2.2, 53.57N:87.85E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=17.6km s-min=9.2km az=61.0

ISC 06 08:36:31.2:3.3, 53.7N:0.1:87.9E:0.2, h0km, n8, s1951/12, 5C-9D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arra, KURBB Kurchatov, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi Array, MAKZ Makanchi Array, MAKZ Makanchi Array

IDC 06 08:44:51.7:2.2, 54.51N:83.57E, h0km, mbtmp6/2,

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Array

IDC 06 08:55:14.2:2.6, 54.22N:86.04E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=19.1km s-min=11.8km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Array

IDC 06 09:03:12.6:2.6, 53.74N:87.08E, h0km, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=23.5km s-min=13.8km az=74.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Array

NEIC 06 09:10:52.7:42.63N:111.50W, h2km, IDC 06 09:10:53.0:0.6, 42.39N:111.33W, h0km, mb2.8/1, mbtmp3.3/8, ML2.8/7, MS2.7/4, Error ellipse: s-maj=13.2km s-min=5.1km az=159.0

NEIC 06 09:10:53.1:0.4, 42.61N:0.01:111.45W:0.03, h10km, 2km, ML3.5/68, Mw3.7/57, ML3.7/16(UJSS), Error ellipse: s-maj=4.6km s-min=3.1km az=118.0, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm, M1: -1.14; M2: -3.32; M3: 4.47; M4: 1.55; M5: 2.35; M6: 1.03; Fault plane solution: M5: 0.1000x10^14 Np1: 0.153580000; 0.76: 12000; A: -157.21000; NP2: 0.5782000; 0.67: 91000; A: -15.01000; Principal axes: T: 5.1776; P: 6.0000; Azm: 284.0000; N: -0.3430; P: 6.0000; Azm: 17.0000; A: 4.8346; P: 6.0000; Azm: 17.0000;

UJSS 06 09:10:53.0:0.5, 42.60N:0.01:111.45W:0.02, h6km, 2km, Error ellipse: s-maj=3.0km s-min=2.6km az=219.0

ISC 06 09:10:53.3:0.7, 42.62N:0.02:111.48W:0.02, h10km, n83, s1978/88, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, BEI Bear River Ran, L17A Coveille, MLJ Malad Range, HDU Hyde Park, REDW Red Top Meadow, NP1 North Pocatell, PTU Portage, RSD Red Spur Mount, WWVY Wellsville, FWXU Fox Creek, LTU Little Mountain, HANSU Hansel Valley, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, SPUT South Promonto, YPP Pitchstone Pla, CTU Camp Tracy, HLID Hailey, LCMT Little Creek M, E09A Wood Farm, Sta, PAHR Pah Rah Range, MZP Montezuma Peak, J05D Fort Rock, OR, T25A Trinidad

HVU Hansel Valley, HVU Indian Meadow, BW06 Boulder Array, BW06 Boulder Array

BW06 Boulder Array, BW06 Boulder Array

BW06 Boulder Array, BW06 Boulder Array

BW06 Boulder Array, BW06 Boulder Array

PDAR Pinedale Array, PDAR Pinedale Array

PDAR Pinedale Array, PDAR Pinedale Array

SPUT South Promonto, SPUT South Promonto

SPUT South Promonto, SPUT South Promonto

CTUT Toone Canyon, YFT Old Faithful

YFT Old Faithful, YFT Old Faithful

H17A Grant Village, H17A Grant Village

H17A Grant Village, H17A Grant Village

H17A Grant Village, H17A Grant Village

CTU Camp Tracy, CTU Camp Tracy

BGU Big Grassy Mou, BGU Big Grassy Mou

BGU Big Grassy Mou, BGU Big Grassy Mou





6d 9h

Table of astronomical observations for 6d 9h, listing stations like PRVS, KBN, KBC, KBA, etc., with columns for station name, coordinates, and observation data.

2017 SEP

Main table of astronomical observations for 2017 SEP, listing stations like VYHS, MYKA, KBA, ABTA, etc., with columns for station name, coordinates, and observation data.

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Table of astronomical observations for 368, listing stations like SHO, YUK, YUK, etc., with columns for station name, coordinates, and observation data.

Table with columns: MTPU, PHWY, PHWY, HJU, J08A, RSSD, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like Mount Pierson, Pilot Hill, Henry Mountain, Circle Bar, Black Hills.

ISC 06 09:55:14.5:2.4,54:65N:83:77E, h0km, mbtmsp3.0/2, ML2.5/1, Error ellipse: s-maj=18.8km s-min=11.8km az=167.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR, MKAR.

ISC 06 10:17:34.3:2.0, 15:50S:167:68E, h125km, 16km, mb4.1/14, mbtmsp4.4/15, MS3.1/7, Error ellipse: s-maj=19.1km s-min=14.4km az=92.0

NEIC 06 10:17:35.6:1.7, 15:58S:0:04:167:7E:0:1, h129km, 8km, mb4.7/26, Error ellipse: s-maj=20.5km s-min=5.8km az=86.0

ISC 06 10:17:34.7:0.7, 15:58S:0:05:167:70E:0:09, h131km, 4km, n97, r150/111, mb4.6:23, 6C-4D, Vanuatu Islands

Main table on the left side of the page, containing station data for various regions including Vanuatu Islands, Southeastern Siberia, and others. Columns include Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC.

Main table in the middle of the page, containing station data for various regions including Vanuatu Islands, Southeastern Siberia, and others. Columns include Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC.

ISC 06 10:25:15.7:2.3, 23:70S:179:99E, h526km, 23km, mb3.2/5, mbtmsp4.0/7, Error ellipse: s-maj=37.6km s-min=19.9km az=152.0

ISC 06 10:25:13.0:0.8, 24:0S:0:2:179:7W:0:1, h500km, n12, r153/12, mb3.6/5, 2C, South of Fiji Islands

Main table on the right side of the page, containing station data for various regions including South of Fiji Islands, Chile-Argentina border region, and others. Columns include Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC.

ISC 06 10:28:38.9:0.7, 24:40S:0:04:67:28W:0:04, h182km, 7km, n96, r123/120, 9C-1D, Chile-Argentina border region

Main table on the far right side of the page, containing station data for various regions including Chile-Argentina border region, and others. Columns include Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC.

6d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLCA, PASO FLORES, ARAGUAIANA, etc.

IDC 06 10:33:57.5±1.9, 54°49'N-163°60'E, h0km, mb3.6/2, mbmp3.5/3, ML2.6/1, MS2.4/1, Error ellipse: s-maj=98.1km s-min=23.4km az=148.0

KRSC 06 10:33:57.6±1.2, 54°82'N-163°21'E, h21km, mb2km, M13.7 ISC 06 10:33:58.2±1.9, 54°88'N-163°16'E, 0.05, h17km, 12km, n47, r1512/70, Off east coast of Kamchatka Peninsula

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKZ, KBTR, KBG, TUMD, etc.

ISC 06 10:42:18.1±1.3, 45°27'N-103°15'29"E, 0.06, h10km±13km, n8, r085/13, Northwestern Balkan Peninsula

Table of stations for the Northwestern Balkan Peninsula event, including BOJS, A250A, OZLJ, etc.

LVSN 06 10:43:19.7±2.3, 55°56'N-28°03'E, h0km±33km, ML1.7, Baltic States-Belarus-Northwestern Russia

Table of stations for the Baltic States-Belarus-Northwestern Russia event, including ARBE, DUG, YNE, etc.

HEL 06 10:44:12.1±0.2, 60°37'N-24°91'E, h0km, ML1.0,

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Table of stations for the Explosion, Finland event, including NUR, HEL1, HEL2, etc.

NNC 06 10:44:27.5±1.7, 51°52'N-75°41'E, h0km, mb3.5, mpv3.1, 1C-8D, Error ellipse: s-maj=47.9km s-min=11.4km az=24.0, Suspected Mining explosion, Eastern Kazakhstan

Table of stations for the Eastern Kazakhstan event, including KURBB, KURKB, KURK, etc.

UUS 06 10:50:57.8±0.6, 42°57'N-101°11'42'W, 0.03, h6km±5km, Error ellipse: s-maj=3.6km s-min=1.3km az=110.0

NEIC 06 10:50:57.4±0.5, 42°57'N-101°11'43'W, 0.02, h3km±4km, ML2.6/60, ML2.8/13(UUS), Error ellipse: s-maj=2.7km s-min=1.6km az=109.0, Eastern Idaho

Main table of stations for the Eastern Idaho event, including AHID, GRII, GRR, etc.

SOME 06 10:57:14.6±1.4, 62°00'N-78°09'E, h10km, KRNET 06 10:57:14.8±0.1, 42°55'N-78°09'E, h28km, mb2.2

NNC 06 10:57:14.3±0.6, 42°00'N-78°09'E, h0km, mb3.1, mpv3.1, Error ellipse: s-maj=4.5km s-min=1.7km az=159.0

ISC 06 10:57:13.8±1.3, 42°55'N-101°04'78.91'E, 0.03, h4km±10km, n41, r081/76, 14C-2D, Lake Issyk-Kul region

Main table of stations for the Lake Issyk-Kul region event, including CTU, H17A, BGU, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELK, O20A, SPR3, etc.

EA 06 10:55:00.2, 25°94'S-29°58'E, h10km, MC3.6 BUL 06 10:55:01.2±1.4, 25°91'S-29°50'E, h10km, MD3.7

ISC 06 10:54:58.9±1.3, 25°91'S-29°54'E, 0.05, h10km, n25, r153/50, South Africa

Main table of stations for the South Africa event, including MOPA, MUSN, BVAO, etc.

Table with columns: STATION, MAG, TIME, PHASE, ID, ISC, TIME, RES. Includes stations like KURS Kuram, TARG Taragay, KTMS Ketmen, KOTS Kotyrbulak, MDOK Medeo, etc.

TRN 06 10:57:48.7, 16:30N-61:62W, h19km, MD3.8, Leeward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ABD La Joyeuse, CBE Barre de l'île, etc.

HEL 06 11:05:06.8-0.1, 65.75N-24:69E, h0km, ML1.0, Suspected explosion, Finland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TOF Tornio, KALU Kalix, etc.

Table with columns: STATION, MAG, TIME, PHASE, ID, ISC, TIME, RES. Includes stations like RNF Ertsojaerv, PAJU Pajala, KLF Kolari, etc.

HEL 06 11:06:11.9-0.4, 61:30N-17:12E, h0km, ML1.7, Explosion UPP 06 11:06:10.9-0.1, 61:23N-17:06E, h0km, ML1.6, Suspected explosion, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like IGGU Iggoen, ARNU Arnoeviken, ROTU Rotenberg, etc.

IDC 06 11:11:10.3±2.6, 6:50S-146:03E, h151km±29km, mb3.5/6, mbmp3.9/8, Error ellipse: s-maj=31.8km s-min=23.8km az=111.0

ISC 06 11:11:08.1±1.0, 6:45S-145:8E, h122km, n9, α1906/10, mb3.8/5, New Guinea

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

UUS 06 11:18:47.0±0.7, 42:55N-102:111:43W±0:02, h7km±5km, Error ellipse: s-maj=3.3km s-min=0.9km az=137.0

NEIC 06 11:18:46.9±0.6, 42:55N-100:111:40W±0:04, h10km±2km, ML3.0/72, ML3.2/15(USS), Error ellipse: s-maj=4.4km s-min=3.0km az=96.0, Eastern Idaho

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AHID Auburn Hatcher, ECR Eagle Creek, etc.

WRA Warramunga Arr 57.02 188 P 0.2nm, 0.5s, báz=4.5, slow=7.2, SNR=6.4 0.2nm, 0.5s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like WYUT Wellsville, MCV Monte Cristo P, etc.

TCUT Toone Canyon 1.43 180 P 11 19 14.2 ±0.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SPUT South Promonto, SPUT comp=N, 299nm, 0.4s, etc.

Table with columns: STATION, MAG, TIME, PHASE, ID, ISC, TIME, RES. Includes stations like BGU comp=E, 102nm, 0.8s, BSUT Blindstream Ca, YHL Holmes Lake, etc.

IDC 06 11:25:45.2±2.2, 37:04N-141:35E, h0km, mb3.3/3, mbmp3.2/4, ML2.2/1, Error ellipse: s-maj=43.0km s-min=30.9km az=52.0

JMA 06 11:25:48.5±0.1, 37:0N-141:2E±0.4, h20km, MV3.3/40, E OFF FUKUSHIMA PREF

ISC 06 11:25:46.8±2.0, 37:01N-140:44E±0:08, h9km±10km, n19, α079/23, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ONAJ Iwakimizuishiy, ONAJ Kawauchi, etc.

H112 WAKE ISLAND Hy 28.23 121 T 12 01 09.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like H111 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, etc.

IDC 06 11:38:15.3±1.7, 36:74N-140:56E, h0km, mb3.4/3, mbmp3.6/5, ML3.3/2, Error ellipse: s-maj=31.1km s-min=19.9km az=82.0

JMA 06 11:38:17.7±0.0, 36:8N-140:5E±0.2, h9km, MV3.7/20, NORTHERN IBARAKI PREF

NIED 06 11:38:17.7±0.0, 36:8N-140:5E±0.2, h9km, MV3.4, Moment Tensor Solution: s3 Moment tensor: Scale 10^14Nm; M1=1.47; M2=0.21; M3=1.26; M4=0.05; M5=0.59; M6=0.22; Fault plane solution: M1: 5.1000x10^14 NP1: φ=158.00000°, δ=49.00000°, λ=88.00000°. NP2: φ=334.00000°, δ=41.00000°, λ=93.00000°

ISC 06 11:38:17.4±0.9, 36:81N-140:03E±0:05, h14km±7km, n15, α070/21, mb3.5/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JHO Hitachi, JFO Fukushimafurud, etc.

6Jd 12h

Table with columns: JHD, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes entries for Hachijo jima 2, ASAJ Asahikawa, MKAR Wakkanai Array, KURBB Kurchatov Arra, WRA Warramunga Arr.

DJA 06 11:39:17.9-0.9, 3.4-13.8E, h16km, gkm, M3.9/6, mb4.3/3, MLV3.6/6, Irian Jaya. Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res.

NEIC 06 11:40:43.1±0.8, 19.78N±0.02±155.264W±0.008, h40km, gkm, Error ellipse: s-maj=2.9km s-min=1.0km az=171.0

HVO 06 11:40:45.1±1.2, 19.77N±0.03±155.25W±0.04, h30km, gkm, ML3.3/43, ML3.6/56(NEIC), Error ellipse: s-maj=5.5km s-min=3.9km az=71.0, Hawaiian Islands

Main table for 6Jd 12h with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like POHA Pohakuloa, HMH Humu'ula Sheep, MLH Mauna Loa, RSD Rainshead, SBLHI Steaming Bluff, UWB Uwekahuna B, HATHI Halema'uma'u T, UWE Uwekahuna, OBL Observatory Le, KKO Keanakao'i, RIM Rim, SDHHI Sand Hill, MLOA Mauna Loa Obs, PUH Pauahi, KNIHH Kane Nui o Ham, NPOC North of Pu'u, STCH Steam Cracks, JOKA Jonika Flow, MWL Moku'awewe, ALEP Alea Permanent, PHO Puu Honuaula, HPAH Hawaii Prepara, HTA Hot Caves, HUH Hualalai, KHU Kahuku, KHLU Kahalu'u, CPH Captain Cook, KKH Kailua Conk, HPO Honuapo, MHA Mahukona, MHA Mahukona, HLK Halekalea, HHL Kahului Airpor, KPA Kalaupapa, WMR Waimaanalo Ridg, DHH Diamond Head.

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HON Honolulu, HON KIP Kipapa, OPA Opana. Table with columns: Station Name, Azimuth, Phase ID, ISC, Time, Res.

NEIC 06 11:41:46.8±0.3, 42.60N±0.01±111.44W±0.03, h6km, gkm, ML3.2/66, ML3.4/14(UUSS), Error ellipse: s-maj=2.9km s-min=1.8km az=114.0

UUSS 06 11:41:47.1±0.3, 42.60N±0.02±111.45W±0.03, h8km, gkm, Error ellipse: s-maj=3.9km s-min=2.3km az=130.0

IDC 06 11:41:47.9±1.7, 42.64N±1.1±131W, h0km, mbmp3.0/2, ML3.1/2, Error ellipse: s-maj=31.9km s-min=8.9km az=160.0

ISC 06 11:41:47.7±0.9, 42.61N±0.03±111.46W±0.03, h9km, n46, a19147, Eastern Idaho

Main table for 2017 SEP with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, BEU Bear River Ran, HDU Hyde Park, REDW Red Top Meadow, NPI North Pocatello, PTU Portage, HWUT Hardware Ranch, FWXY Fox Creek, MCU Monte Cristo P, LTU Little Mountain, MOOW Moose Ponds, HVU Hansel Valley, IMW Indian Meadow, BW06 Boulder Array, PDAR Pinedale Array, SPUT South Promonto, H17A Grant Village, CTU Camp Tracy, BGU Big Grassy Mou, LKWW Lake, BSUT Blindstream Ca, YNR Norris Junction, YHH Holmes Hill, YHL Hebgen Lake, YML Mirror Lake Pl, HLID Holid, DUG Dugway, TOE Dugway, NLU North Lily Mtn, RLMT Red Lodge, RWY Rawlinsville, TMUT Trail Mountain, ELK Elko, O20A White River Ci, SPR3 Spring Creek 3, PSUT Pine Spring, PHWY Pilot Hill, BMO Blue Mountains, NVAR Mina Array Bea, TXAR Lajitas Array.

IDC 06 12:04:02.1±60.0, 17.91S±177.04W, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=115.0km s-min=171.0km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, NEIC 06 12:11:44.3±0.9, 43.05S±0.04±74.32W±0.05, h16km, gkm, mb4.2/10, ML4.0(GUC), Error ellipse: s-maj=6.1km s-min=5.3km az=190.0, GUC 06 12:11:45.9±0.7, 43.08S±74.23W, h28km, gkm, ML4.0

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ISC 06 12:11:43.2±2.0, 43.06S±0.03±74.36W±0.06, h13km±13km, n37, ±0.94/50, mb4.2/4, 5C-4D, Southern Chile

Main table for 372 with columns: Code, Station Name, Azimuth, Phase ID, ISC, Time, Res. Includes stations like G007 Milladeo Hill, LL07 Hotel Espejo d, LL06 Loncomilla, LL05 Los Muermos, AY01 Puyuhuapi, LL02 Futaleuf, LL03 Petrohue, LL04 Puerto Octay, RR05 Currie, AY02 Valle Explorad, PLCA Paso Flores, LR03 Pangupulli, GO06 Currahue, BO02 Sierra Bellavi, AC04 Llanos de Chal, PB15 IPOC Station P, PB06 IPOC Station P, PB07 Villa Florida, PB16 IPOC Station P, PTBL Pontez 5.8mm, 1.4s, ETMB Extrema, STR 06 12:22:17.9±2.0, 46°N±6'±14E±1'6, h5km, MLV4.3/33, Error ellipse: s-maj=0.0km s-min=0.0km az=79.4, LDG 06 12:22:29.8±0.1, 46°30'N±11'98E, h9km, M3.5/44, Error ellipse: s-maj=2.2km s-min=1.3km az=45.0, ROM 06 12:22:29.7±0.1, 46°27'N±0.004±11'991E±0.005, h9km, ML3.6/264, Mw3.4, Error ellipse: s-maj=0.5km s-min=0.1km az=4.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, M0=23, Mw=1.50, Mw=1.27, Mw=0.33, Mw=0.73, Mw=0.62, Fault plane solution: M1: 73040x10^14 Np1: 34.00000, 877.00000, 1.4.00000, NP2: 299.00000, 867.00000, 1.58.00000, ZUR 06 12:22:30.0, 46.27N±11.95E, h4km, gkm, ML3.8/106, Error ellipse: s-maj=176.6km s-min=1038.6km az=176.0, BGR 06 12:22:33.7±0.4, 46.36N±11.93E, h10km, ML3.9/23, Error ellipse: s-maj=7.8km s-min=4.4km az=161.0, PRU 06 12:22:33.8, 46.36N±12.06E, h10km, ISC 06 12:22:29.6±0.7, 46.28N±0.01±11.96E±0.01, h12km±4km, n391, a2114/546, 36C-29D, Northern Italy



6d 12h

Table with columns for station name, frequency, and various performance metrics (SNR, etc.). Includes stations like MUGIO, BRIS, SOKA, LMD, MOA, VARE, SEI, MOCL, SARO, WILA, POPM, VLC, A250A, PESA, BOJS, WALHA, RUF, CARD, RABC, GORR, OZLI, SARZ, MAIM, MSSA, ARSA, FSSB, CRE, EMING, NVLJ, APEC, PII.

2017 SEP

Table with columns for station name, frequency, and various performance metrics. Includes stations like PII, PIEI, RNCIA, RNCIA, RNCIA, MMK, SLE, SLE, SLE, FRON, FRON, PNTJ, GEC2, GEC2, GEC2, ATPI, ATPI, ATPI, CSNT, CSNT, CSNT, CSNT, CSNT, LOBO, A254A, EMBD, ARVD, ARVD, ARVD, SSFR, SSFR, SSFR, SSFR, SSFR, ATVO, ATVO, ATVO, METMA, METMA, METMA, SULZ, SULZ, SULZ, WETZ, WETZ, WETZ, ATFO, ATFO, ATFO, CAFI, CAFI, CAFI, ATMI, ATMI, ATMI, VIRC, A255A, PCP, PCP, PCP, CKRC, CKRC, CING, CING, CING, BERGE, BERGE, BERGE, FOSV, FOSV, FOSV, TRAV, MURB, MURB, MURB, MURB, MURB, EL6, EL6, EL6, KHC, KHC, KHC, MONC, MONC, MONC.

Table with columns for station name, frequency, and various performance metrics. Includes stations like SNTG, SNTG, SNTG, STU, STU, KALN, CIRO, CIRO, CIRO, CIRO, CIRO, FELD, FELD, GROG, GROG, QLNO, QLNO, BFO, BFO, BFO, KIZ, RONA, CSPI, CSPI, CSPI, CSPI, CSPI, FDMA, FDMA, FDMA, CESI, CESI, CESI, CANO, CANO, CANO, CANO, GUMA, GUMA, GUMA, GUMA, MGAB, MGAB, MGAB, MGAB, MGAB, REMY, REMY, REMY, RORO, RORO, RORO, RORO, RORO, RORO, RORO, RORO, RORO, RORO, RORO, RORO, RORO, MORI, MORI, MORI, MORI, MORI, MORI, MORI, MORI, MORI, MORI, MORI.



Table with columns for station code, name, elevation, and coordinates. Includes stations like OGSi, Mof, MGRO, etc.

Table with columns for station code, name, elevation, and coordinates. Includes stations like ORIF, OGSi, TNS, etc.

Table with columns for station code, name, elevation, and coordinates. Includes stations like EPF, GRR, ETSF, etc.

WEL 06 12:24:30.1±0.5, 44°S 3'±16'9E, h3km±3km, M3.5/13, ML3.6/11, MLv3.5/13, Error ellipse: s-maj=0.0km

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists various stations like Jackson Bay, Wanaka, etc.

VIE 06 12:26:14.0±0.8, 46°27'N 12°00'E, h6km±19km, ml3.3/3, Error ellipse: s-maj=8.3km s-min=1.6km az=96.0 16 km S

ROM 06 12:26:17.0±0.2, 46°26'22N 0°00'11.997E, 0°008, h10km±1km, ML2.6/60, Error ellipse: s-maj=0.9km s-min=0.6km az=180.0

PRU 06 12:26:20.1, 46°33'N 12°00'E, h10km, LDG 06 12:26:16.5±0.1, 46°29'N 11°97'E, h6km, M12.7/16, 19C-4D, Error ellipse: s-maj=1.8km s-min=1.5km az=8.0,

Northern Italy

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists various stations in Northern Italy like AGOR, FAU, ZIAN, etc.

6d 12h

Table with columns for station name, elevation, distance, azimuth, and other parameters. Includes stations like ABTA Abfalterbach, ABTA Fornì Avoltri, OZOL Ozoio, etc.

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Table with columns for station name, elevation, distance, azimuth, and other parameters. Includes stations like SALO, CADS Cadrig, KBA Koelnbreinsper, etc.

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Table with columns for station name, elevation, distance, azimuth, and other parameters. Includes stations like m13.4/21, Error ellipse, ROM 06 12:30:32.5, etc.



6d 12h

Table with columns: BRG, comp, Az, El, Sg, Pn, Time, Res. Includes stations like Berggiesshubel, Fort de Pagny, La Moure, etc.

IDC 06 12:31:25.1±0.9, 139.03N±143.58E, h205km, 10km, mb3.5/13, mbmp4.0/13, Error ellipse: s-maj=22.4km

s-min=18.9km az=94.0, ISC 06 12:31:24.2±1.1, 131.1N±143.5E, h200km, n14, p15007, mb3.6/13, South of Mariana Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like Guam, Matsushiro Arr, WRA, etc.

USSF 06 12:42:20.5±0.4, 42.57N±101.11W, 43W, 0.03, h8km, 10km, Error ellipse: s-maj=3.3km s-min=1.6km az=99.0

NEIC 06 12:42:20.2±1.2, 42.57N±101.11W, 44W, 0.04, h11km, 10km, ML2.9/78, ML3.0/14(USSF), Error ellipse: s-maj=4.0km s-min=0.8km az=109.0, Eastern Idaho

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like Auburn Hatcher, Grays Lake, etc.

2017 SEP

Table with columns: TCUT, Toone Canyon, SPUT, South Promonto, etc. Includes station names and coordinates.

IDC 06 12:48:59.4±1.5, 39.41N±21.82E, h0km, mb3.8/4, mbmp3.8/4, MS2.9/2, Error ellipse: s-maj=62.8km

s-min=26.1km az=130.0, ATH 06 12:49:01.2, 39.33N±21.90E, h7km, 1km, ML3.4/27, Error ellipse: s-maj=1.5km s-min=0.7km az=84.0

THE 06 12:49:01.4, 39.32N±21.89E, h7km, 1km, ML3.6/15, Error ellipse: s-maj=1.9km s-min=0.4km az=97.0

SOF 06 12:49:04.7, 39.42N±22.34E, h12km, MD3.6, ISC 06 12:49:00.1±1.1, 39.28N±0.02, h12km, 8km, n105, o685/137, mb3.8/4, Greece

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like Klokotos Trika, Makrakomti, etc.

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Table with columns: AXAR, Agios Charalamb, Efpalio, etc. Includes station names and coordinates.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (EPID, OUR, ATH, etc.).

VIE 06 13:01:11.5:0.3,47.55N:15.60E, h0km, mb0.6/1, m10.9/3, Error ellipse: s-maj=3.3km s-min=1.7km az=87.0 3 km E of Krieglach Suspected Mining explosion, Austria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (ARSA, ARZ, etc.).

LJU 06 13:02:06.3,46.27N:14.60E, h0km, ML0.1, Explosion, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (MOZS, etc.).

IDC 06 13:03:00.6:1.6, 22.80S:67.99W, h113km, 24km, mb3.5/2, mbmp3.8/4, Error ellipse: s-maj=50.0km s-min=24.5km az=140.0

VAO 06 13:03:00.4:0.5, 22.67S:68.55W, h143km, mb4.0, SJA 06 13:03:01.0:1.6, 22.36S:68.22W, h100km, ML3.5, MWV3.5 GUC 06 13:03:02.4:0.8, 22.31S:68.24W, h122km, 4km, ML3.6 ISC 06 13:03:00.3:0.7, 22.95S:67.99W, h137km, 6km, n62, c155/95, 82, Northern Chile

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (AF01, PB15, etc.).

Large table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (PB14, HJA, etc.).

NEIC 06 13:07:15.6:1.4, 5.8S:0.1, 149.52E:0.09, h150km, 9km, mb4.3/13, Error ellipse: s-maj=19.1km s-min=7.7km az=145.0

IDC 06 13:07:16.2:1.4, 5.72S:149.61E, h164km, 19km, mb3.4/4, mbmp4.0/7, MS3.8/1, Error ellipse: s-maj=47.3km s-min=12.6km az=124.0

ISC 06 13:07:15.0:0.6, 5.68S:0.09, 149.5E:0.1, h147km, m26, c1520/28, mb4.2/7, New Britain region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (KRVT, RABL, etc.).

BUT 06 13:36:18.1:0.6, 46.68N:0.02:112.54W:0.01, h11km, 3km, Error ellipse: s-maj=3.2km s-min=1.1km az=186.0

NEIC 06 13:36:17.6:0.5, 46.85N:0.02:112.54W:0.03, h13km, 4km, ML2.5/14, ML2.5/10(BUT), Error ellipse: s-maj=4.0km s-min=2.0km az=212.0, Montana

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (BE2M, LYMT, etc.).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (MSO, BOZ, etc.).

BUT 06 13:39:56.7:0.7, 47.00N:0.06:112.8W:0.1, h18km, 6km, Error ellipse: s-maj=12.2km s-min=7.7km az=111.0

NEIC 06 13:39:56.2:0.7, 46.98N:0.06:112.8W:0.1, h20km, 5km, ML3.2/16, ML3.4/22(BUT), Error ellipse: s-maj=13.3km s-min=7.9km az=111.0, Montana

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (OVMT, CHMT, etc.).

IDC 06 13:45:08.3:2.5, 27.76S:25.38W, h30km, 21km, mb4.6/8, mbmp4.8/9, ML5.0/1, MS4.1/33, Error ellipse: s-maj=35.4km s-min=18.4km az=38.0

NEIC 06 13:45:09.5:1.2, 5.76S:0.1, 10.25:3W:0.2, h35km, 2km, mb5.0/32, Error ellipse: s-maj=18.3km s-min=14.0km az=220.0

GCMT 06 13:45:11.5:0.3, 57.91S:0.03:24.82W:0.04, h40km, 1km, MW5:0.74, Moment Tensor Solution, s48, c66, s74, c93, Duration: 0 Moment tensor: Scale 1016Nm: M2: 7.7: 20; M1: 1.26: 16; M3: -4.03: 12; M4: 1.34: 16; M5: 0.31: 13; M6: 1.39: 11; Best double couple: M4: 0.3100: 1016 NP1: 0.57: 200000; 840: 000000; 4.7: 000000. Principal axes: T 3.6990, Plg61.0000, Azm343.0000; N 0.6620, Plg26.0000; Azm192.0000; P -4.3620, Plg12.0000; Azm96.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

ISC 06 13:45:09.5:0.3, 57.91S:0.03:24.82W:0.08, h40km, n218, c1567/189, mb5.0/20, MS4.1/35, 3C-6D, South Sandwich Islands region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (HOPE, ORCD, etc.).



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like UJES, UTEC, LFRS, etc.

TRN 06 14:02:52.4, 11.07N:59.30W, h114km, MD3.8, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like TBH, TRN, GCMF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like LPMF, TRMF, LFRS, etc.

AEIC 06 14:28:41.4e1.2.52E:16N:0.04:171.27W:0.08, h54km, 9km, Error ellipse: s-maj=9.2km s-min=3.0km az=129.0

NEIC 06 14:28:42.6e0.8.52:3N:0.1x171.32W:0.08, h33km, 12km, ML3.9/6, ML3.6(AEIC), Error ellipse: s-maj=21.8km

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

UJSS 06 15:04:47.2e0.6.42:57N:0.01:111.42W:0.02, h9km, 8km, Error ellipse: s-maj=3.0km s-min=0.8km az=131.0

NEIC 06 15:04:47.5e42.55N:111.43W, h5km

NEIC 06 15:04:47.0e0.6.42:56N:0.01:111.40W:0.02, h9km, 10km, ML3.2/84, Mwr3.5/24, ML3.3/16(UJSS), Error ellipse: s-maj=3.0km s-min=1.5km az=124.0, Moment Tensor Solution. Moment tensor: Scale 10^11 Nm; Mrr=0.86; Mss=0.69; Mss=1.56; Mss=0.69; Mss=1.15; Mrr=0.78; Twp plane solution: Mcd=0.0600x10^14 NP1=240.4800, 854.53000; lambda=25.18000; NP2=345.74000; 869.73000; lambda=141.78000; Principal axes: T 2.1158, P1g10.0000, Azm110.0000; N -0.1172, P1g47.0000; Azm9.0000; P -1.9986, P1g41.0000; Azm208.0000; Eastern Idaho

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like BEI, LTA, BMUT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like RSUT, NPI, PTL, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table of station data for the 6d 16h period, including columns for Code, Station Name, Azimuth, Phase ID, and Time Res. Includes stations like PB11, PB12, G001, G001, G001, G001, AP01, AP01, AP01, TA02, TA02, TA02, PB16, PB16, PB16, PB08, PB08, PB08, TA01, TA01, TA01, PB18, PB18, PB18, PB09, PB09, PB09, PB04, PB04, PB04, PB06, PB06, PB06, LVC, LVC, LVC, PB15, PB15, PB15, PB14, PB14, PB14.

NEIC 06 16:21:52.5-0.9,56:16S:0:07:27.9W:0.3,h118km,7km, mb4.2/7, Error ellipse: s-maj=22.4km s-min=9.4km az=74.0
IDC 06 16:21:58.0:10.0,56:15S:27.47W,h168km,91km,mb3.6/4, mbmp4.0/4, Error ellipse: s-maj=46.6km s-min=25.1km az=53.0
ISC 06 16:21:51.8:0.7,56:15S:0:1:27.7W:0.1,h112km,n31, -0.970/31,mb4.0/0.5C,South Sandwich Island region

Table of station data for the 2017 SEP period, including columns for Code, Station Name, Azimuth, Phase ID, and Time Res. Includes stations like ABPO, ABPO, TOAO, TOAO, TORD, TORD, ASAR, ASAR, M29M, M29M, I30M, I30M, F28M, F28M, I26K, I26K, BMAR, BMAR, ILAR, ILAR, SONM, SONM, TOLK, TOLK, H21K, H21K, IMAR, IMAR, MTPU, MTPU, DWU, DWU, PKCU, PKCU, SZCU, SZCU, ZNPU, ZNPU, IMVU, IMVU, NMUT, NMUT, ARUT, ARUT, TCRU, TCRU, KNB, KNB, IMU, IMU, LCMT, LCMT, PSUT, PSUT, ICU, ICU, HMU, HMU, U15A, U15A, TMUT, TMUT, SPR3, SPR3, SRU, SRU, DUG, DUG, DUG, DUG, ELK, ELK, GWY, GWY, GRAC, GRAC, DSP, DSP.

NEIC 06 16:26:53.1:0.9,37:85N:0:01:12:51W:0.01,h12km,9km, Error ellipse: s-maj=1.9km s-min=1.8km az=207.0
LUSS 06 16:26:53.6:1.5,37:86N:0:01:12:54W:0.02,h8km,7km, ML2.6/11,ML2.5/6(NEIC), Error ellipse: s-maj=2.6km s-min=1.7km az=106.0, Utah
Code Station Name Az AZ' Phase ID Op ISC Time Res ISC
MTPU Mount Pierson 0.34 58 P Pg 16 27 06.0 -0.1
MTPU Dry Flow Psa 0.43 304 Pg Pg 16 27 02.3 +0.2
PKCU Pink Cliffs 0.46 156 Pg Pg 16 27 08.0 -0.5
PKCU comp=N,381nm,0.4s IAML 16 27 17.2
PKCU comp=E,459nm,0.3s IAML 16 27 12.6
SZCU Shurtz Canyon 0.51 239 Pg Pg 16 27 03.0 -0.4
SZCU comp=E,504nm,0.2s IAML 16 27 15.1
ZNPU Zion National 0.68 223 Pg Pg 16 27 06.4 -0.3
IMVU Marysvale 0.69 22 Pg Pg 16 27 16.4 +0.7
IMVU comp=N,411nm,0.5s IAML 16 27 20.8 -0.1
NMUT North Mineral 0.70 340 Pg Pg 16 27 07.1 0.0
NMUT Antelope Range 0.71 264 Pg Pg 16 27 16.7 +0.5
ARUT Cedar City 0.72 245 Pg Pg 16 27 07.0 -0.3
TCRU Three Creeks R 0.75 6 Pg Pg 16 27 07.6 -0.5
KNB Kanab 0.87 195 Pg Pg 16 27 09.4 -0.9
IMU Iron Mountain 0.91 328 Pg Pg 16 27 11.2 +0.1
LCMT Little Creek M 1.01 214 Pg Pg 16 27 12.1 -1.0
LCMT comp=E,141nm,0.2s IAML 16 27 30.4
PSUT Pine Spring 1.23 303 Pg Pg 16 27 16.7 -0.5
PSUT comp=E,139nm,0.7s IAML 16 27 37.3
ICU Indian Springs 1.31 237 Pn Pn 16 27 17.9 -0.4
HMU Henry Mountain 1.43 86 Pn Pn 16 27 18.7 -1.3
U15A North Rim 1.45 172 Pn Pn 16 27 19.0 -1.3
U15A comp=N,56nm,0.7s IAML 16 27 44.8
TMUT Trail Mountain 1.77 36 Pn Pn 16 27 23.2 -1.7
TMUT comp=N,49nm,0.7s IAML 16 28 07.9
SPR3 Spring Creek 3 1.81 310 Pn Pn 16 27 25.0 -0.3
SPR3 comp=N,46nm,0.6s IAML 16 27 27.2 -0.9
SRU San Rafael Swe 2.02 51 Pn Pn 16 27 28.1 -0.2
PRN Pahroc Range 2.04 258 Pn Pn 16 27 28.1 -0.2
DUG Dugway, Tooele 2.34 355 Pn Pn 16 28 21.9 -1.2
DUG comp=N,78nm,1.0s IAML 16 28 30.9
SHRP Sheep Range 2.49 338 Pn Pn 16 27 33.4 -1.1
X16A Lo Mia Camp, P 3.55 165 Pn Pn 16 27 47.5 -1.7
X16A comp=E,6.3nm,1.0s IAML 16 28 49.7
W18A Petrified Forest 3.55 140 Pn Pn 16 27 48.5 -0.7
W18A comp=E,16nm,0.6s IAML 16 28 49.7
ELK Elko 3.56 325 Pn Pn 16 27 47.9 -1.4
GWY Greenwater Val 3.70 244 Pn Pn 16 27 51.5 +0.3
GWY comp=E,6.2nm,1.2s IAML 16 29 06.1
GRAC Snowflake 3.93 147 Pn Pn 16 27 53.1 -1.3
GRAC Grapevine Rang 3.93 259 Pn Pn 16 27 54.6 +0.2
GRAC comp=E,12nm,0.4s IAML 16 29 06.3
DSP Deep Springs 4.34 265 Pn Pn 16 27 59.1 -0.6
DSP comp=N,6.4nm,4.7s IAML 16 29 20.9
DSP comp=E,4.4nm,5.0s IAML 16 29 20.9

Table of station data for the 2017 SEP period, including columns for Code, Station Name, Azimuth, Phase ID, and Time Res. Includes stations like PDAR, PDAR, TCUT, TCUT, SPUT, SPUT, YPP, YPP, YFT, YFT, H17A, H17A, CTU, CTU, BGU, BGU, LKWI, LKWI, BSUT, BSUT, YNR, YNR, BCYI, BCYI, YHH, YHH, YHL, YHL, YHL, YHL, MPU, MPU, MPU, MPU, YNE, YNE, DUG, DUG, NLU, NLU, BOZ, BOZ, RWY, RWY, MFID, MFID, MFID, MFID, Q2A, Q2A, K2A, K2A, ELMT, ELMT, PLID, PLID, BEMT, BEMT, LYMT, LYMT, N23A, N23A, CHM, CHM, MSO, MSO, OVM, OVM, PHWY, PHWY, BMO, BMO, BMN, BMN, LAO, LAO, EGMT, EGMT, SDCO, SDCO, NEIC 06 16:35:13,42:53N:111:40W,h9km, Moment Tensor
M10:1.56, M11:1.41, M12:0.01; Mw=0.52; Fault plane solution: M0=176000\*10^14, N1P1=240000\*0.875,00000\*, A10,00000\* NP2=147,00000\*, 880,00000\*, 165,00000\*. Principal axes: T=1.7569, Plg18,0000\*, Azm103,0000\*; N=-0.0005, Plg72,0000\*, Azm296,0000\*; P=-1.7564, Plg4,0000\*, Azm194,0000\*
LUSS 06 16:35:15.0:1.0,42:56N:0:01:11:41W:0.02,h6km,4km Error ellipse: s-maj=2.7km s-min=1.5km az=116.0
NEIC 06 16:35:14.8:1.2,42:56N:0:02:11:43W:0.03,h11km,10km,ML3.2/82,ML3.5/16(USS),Mwr3.4/11(SLM), Error ellipse: s-maj=4.0km s-min=1.0km az=130.0, Eastern Idaho
Code Station Name Az AZ' Phase ID Op ISC Time Res ISC
AHID Auburn Hatcher 0.32 50 P Pg 16 35 21.2 -0.1
AHID Grays Lake 0.38 1 P Pg 16 35 26.0 +0.4
GRI Eagle Creek 0.49 5 Pg Pg 16 35 22.5 +0.3
BE Bear River Ran 0.51 210 Pg Pg 16 35 25.0 +0.1
BMUT Black Mountain 0.62 166 Pg Pg 16 35 26.5 -0.3
L17A Cokeville 0.62 138 Pg Pg 16 35 26.9 -0.0
MLI Malad Range 0.74 224 Pg Pg 16 35 29.2 0.0
HDU Hyde Park 0.80 198 Pg Pg 16 35 30.2 0.0
NPI North Pocatell 0.91 243 Pg Pg 16 35 32.4 +0.1
REDW Red Top Meadow 0.91 28 Pg Pg 16 35 31.9 -0.4
REDW 2um,0.5s Portage 0.92 227 Pn Pn 16 35 32.6 +0.1
HWUT Hardware Ranch 0.96 186 Pg IAML 16 35 37.2
491nm,0.5s
WVUT Wellsville 1.03 203 Pn Pn 16 35 34.9 +0.1
ICU Brigham Cristo P 1.10 183 Pn Pn 16 35 34.0 0.0
FXWY Fox Creek 1.12 15 Pn Pn 16 35 36.0 -0.3
FXWY 413nm,0.5s
FXWY 1.12 202 Pn Pn 16 35 36.6 -0.1
HJU Hansel Valley 1.27 232 Pg Pg 16 35 38.1 -0.5
HVU Havel Valley 1.27 232 Pg Pg 16 35 38.1 -0.5
MOOW Moose Ponds 1.29 23 Pg Pg 16 35 38.8 -0.2
MOOW 371nm,0.6s
MOOW 1.29 23 Pg Pg 16 35 39.1 -0.2
MOOW 275nm,0.7s
BW06 Boulder Array 1.40 81 Pn Pn 16 35 40.9 -0.1
BW06 324nm,1.1s
BW06 370nm,1.0s
PD31 Pinedale Array 1.40 81 Pn Pn 16 35 41.2 +0.1
PDAR Pinedale Array 1.40 81 Pn Pn 16 35 40.9 -0.2
YPP Toone Canyon 1.44 179 Pn Pn 16 35 42.1 +0.3
YPP Pitchstone Pyla 1.77 15 Pn Pn 16 35 46.6 -0.9
YPP comp=N,229nm,0.7s IAML 16 35 54.6
CTU Camp Tracy 1.88 187 Pn Pn 16 35 47.8 +0.6
CTU comp=E,257nm,0.5s IAML 16 36 18.1



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CTU, H17A, YFT, BGV, BSUT, etc.

NEIC 06 16:42:09.8±1.5, 8.11S; 0.08x120.03E±0.05, h181km, 11km, mb4.2/12, Error ellipse: s-maj=13.2km s-min=3.8km az=152.0

DJA 06 16:42:11.3±0.5, 8.5S; 12.10E, h163km, 9km, M4.0/11, mb3.9/3, MLV4.0/11

ISC 06 16:42:13.6±1.3, 7.45S; 121.17E, h206km, 10km, mb3.6/4.5, mbmp3.9/8, Error ellipse: s-maj=108.5km s-min=9.5km az=53.0

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

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

IDC 06 16:48:46.3±1.0, 10.11S; 161.04E, h0km, mb3.9/9, mbmp4.0/11, ML3.2/2, MS3.5/19, Error ellipse: s-maj=24.5km s-min=2.0km az=49.0

NEIC 06 16:48:52.1±1.5, 10.08S; 0.10x161.01E±0.08, h33km, 6km, mb4.4/15, Error ellipse: s-maj=16.2km s-min=9.3km az=214.0

ISC 06 16:48:51.9±0.6, 10.11S; 0.09x160.96E±0.09, h35km, n60, c0572/36, mb4.4/17, MS3.5/18, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like TBI, KSRS, TAOE, USA0B, etc.

UUSS 06 16:49:54.0±0.9, 42.56N; 0.02x111.41W±0.02, h8km, 5km, ML2.7/65, ML2.8/13(UUSS), Error ellipse: s-maj=2.9km s-min=0.5km az=123.0, Eastern Idaho

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

Table with columns: MFID, comp=N, Az, El, Pn, Pn, 16 51 44.1, 16 51 44.9, 16 50 47.7 +0.4, 16 50 48.3 +0.9, 16 50 49.3 +0.5, 16 51 42.1, 16 51 46.4, 16 50 51.3 +1.1, 16 51 43.5, 16 52 12.5, 16 51 01.6 +0.2, 16 51 06.8 +0.5, 16 51 07.9 +0.6, 16 52 35.5, 16 52 40.4, 16 51 14.1 0.0, 16 52 45.5

IDC 06 17:25:05.5 1.4, 44.50Nk:149.64E, h0km, mb3.76, mbmp3.6/8, ML3.1/2, MS2.8/3, Error ellipse: s-maj=43.2km s-min=24.1km az=88.0

NIED 06 17:25:11.4, 44.69N:149.28E, h30km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; M=0.81; Mw=2.78; Mw-3.58; Mw-1.22; Mw-0.29; Mw-2.94; Fault plane solution: Mo4.42000x10^14 Np2: 0.325,0.0000, 0.85,0.0000, 1.47,0.0000. NP2: 0.229,0.0000, 0.84,0.0000, 1.173,0.0000.

JMA 06 17:25:11.4, 0.8, 45.1N, 3.14E, h30km, MV4.3/14, SE OFF ETOROFU

MOS 06 17:25:11.1, 1.1, 44.44N:149.29E, h58km, mb4.5/1, Error ellipse: s-maj=17.7km s-min=13.3km az=173.6

SKHL 06 17:25:12.3, 0.2, 44.50N:149.30E, h68km, mb4.9/4, ISC 06 17:25:10.9-3.0, 44.37N:149.29E, h08, h29km, m22km, m43, r195/51, mb3.6/7, 2C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res, ISC, h, m, s, ISC. Includes stations like Kuril'sk, SHOKotan, Yuzh-Kuril'sk, Nemuro, Misakicho, Rausu, Akkeshi, Ashorobuto, Onbets, Kamakawa 2, Asahikawa, Yuzh-Sakhalins, Nango, Petropavlovsk, Matsushiro Arr, Nagadan, Nakatsue, WAKE ISLAND Hy 28.62 143 T, WAKE ISLAND Hy 28.63 144 T, WAKE ISLAND Hy 28.63 143 T, WAKE ISLAND Hy 29.62 145 T.

Table with columns: H11S3 WAKE ISLAND Hy 29.63 145 T, H11S2 WAKE ISLAND Hy 29.64 145 T, ILAR Eielson Array 40.08 37 P, MKAR Makanchi Array 45.66 298 P, FINES FINESS Array B 65.02 334 P, WRA Warramunga Arr 65.44 195 P, ASAR Alice Springs 69.15 195 P, NB2 NOFSAR Subarra 69.57 340 P, NOA NORARS Array B 69.57 340 P, AKASG Malin Array Be 71.98 325 P.

NEIC 06 17:31:42.3, 1.4, 19.33N:0.04, 67.18W:0.02, h10km, 2km, ML3.0/16, Md3.3/9(RSPR), Error ellipse: s-maj=6.6km s-min=3.4km az=2.0

RSPR 06 17:31:44.0, 19.37N:67.27W, h11km, 6km, MD3.2/9

OSPL 06 17:31:45.0, 19.27N:67.10W, h14km, 5km, ML3.0

ISC 06 17:31:43.8, 1.7, 19.25N:0.08, 67.15W:0.05, h10km, n36, 0.670/44, 6C-4D, Mona Passage

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res, ISC, h, m, s, ISC. Includes stations like AGPR Aguadilla, PR, IDE Isla Desecho, AOPR Arecibo Observ, LSP Las Mesas, CRPR Cabo Rojo, PR, GPCR Guaynabo City, SJG San Juan, IGPR Interuniversit, SDDR Presa de Saban, VSHL Vashlovan, DDFL Dedoflistskaro, ZKTA Zakatola, ZKTA Zagatala, LGD Lagodekhi, SEKA Sheki, SEKA Sheki, SEKA Ganja, GANJ Ganja, MNGR Mingchevir, A, GDB Gedabay, GDB Gedabay, QZX Qazax, Azerba, KMKR Kumukh.

IDC 06 17:43:04.0, 0.9, 41.29N:46.44E, h0km, mb3.8/8, mbmp3.8/14, ML3.4/5, MS2.9/7, Error ellipse: s-maj=13.2km s-min=10.0km az=138.0

MOS 06 17:43:06.7, 0.0, 41.27N:46.42E, h20km, MPVA4.9

NSSP 06 17:43:07.2, 41.32N:46.47E, h10km, Ms3.9

AZER 06 17:43:07.3, 0.0, 41.26N:46.52E, h16km, Error ellipse: s-maj=0.4km s-min=0.2km az=285.0

TEH 06 17:43:08.3, 41.31N:46.45E, h18km, 32km, ML3.8

NORS 06 17:43:08.0, 0.0, 41.46N:46.52E, h5km, MPVA4.8

TIF 06 17:43:08.4, 41.30N:46.47E, h35km

DRS 06 17:43:11.4, 0.0, 41.37N:46.32E, h18km

NINC 06 17:43:20.4, 6.6, 41.70N:47.81E, h0km, mb4.0, Error ellipse: s-maj=63.2km s-min=24.9km az=74.0

ISC 06 17:43:09.4, 0.6, 41.29N:0.01, 46.45E:0.01, h31km, 4km, n229, r196/366, mb3.9/14, MS3.5/3, 18C-15D, Eastern Caucasus

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res, ISC, h, m, s, ISC. Includes stations like VSHL Vashlovan, DDFL Dedoflistskaro, ZKTA Zakatola, ZKTA Zagatala, LGD Lagodekhi, SEKA Sheki, SEKA Ganja, GANJ Ganja, MNGR Mingchevir, A, GDB Gedabay, GDB Gedabay, QZX Qazax, Azerba, KMKR Kumukh.

Table with columns: KMKR, KMKR Kumukh, AKT Akhty, AKT Akhty, WRA Warramunga Arr, ASAR Alice Springs, NB2 NOFSAR Subarra, NOA NORARS Array B, AKASG Malin Array Be, URKR Urkarakh, URKR Urkarakh, AGDM Agdam, XNQ Khinaliq, XNQ Khinaliq, KSMR Kasumkent, KSMR Kasumkent, SEAG Tbilisi Sea, SEAG Tbilisi Sea, ARAKI Arakani, ARKR Arakani, ZRD Zardab, ZRD Zardab, QSAR Qusar, QSAR Qusar, BTLR Botliikh, BTLR Botliikh, IML Ismayilli, IML Ismayilli, QUB Quba, QUB Quba, UNCR Uncukul, UNCR Uncukul, UNCR Uncukul, UNCR Uncukul, SGKR Sergokala, SGKR Sergokala, SGKR Sergokala, QUBA Quba, QUBA Kazreti, KZRT Kazreti, KRNR Karanay, KRNR Karanay, KRNR Karanay, KRNR Karanay, DRN Derbent, DRN Derbent, DRN Derbent, KDMR Kurdemir, BUJR Buynaks, BUJR Buynaks, BUJR Buynaks, BUJR Buynaks, KAPZ Kaputan, KAPZ Kaputan, SHTL Shatili, SHTL Shatili, SHTL Shatili, SHTL Shatili, DVE Vedeno, DVE Vedeno, PQL Piruli, PQL Piruli.



6d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSUT, YMP, HLID, MCMT, YNE, MPU, DUG, NLU, DLMT, RLMT, BOZ, LRM, RWY, MFID, MFID, TMUT, ELK, ELK, K22A, SRU, ELMT, PLID, PLID, BEMT, MVU, NZ3A, PHWY, MTPU, WVOR, WVOR.

IDC 06 18:04:26.1±2.2, 30.75S±177.61W, h0km, mb3.8/3, mbmp4.0/5, ML3.6/2, Error ellipse: s-maj=53.5km s-min=24.1km az=112.0

ISC 06 18:04:30.7±2.2, 30.72S±177.70W, h0.3, h35km, n14, a130/10, mb3.8/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, RAO, URZ, URZ, RPZ, RPZ, STKA, STKA, ASAR, ASAR, WRA, WRA, H03S2, H03S1, H03S3, H03N3, H03N1, FINES, AKASA.

NEIC 06 18:07:50.1±1.4, 23.25S±109.66W±0.0/0.8, h207km, 17km, mb4.1/1, ML4.2(GUC), Error ellipse: s-maj=13.9km s-min=9.8km az=210.0

GUC 06 18:07:54.0±0.5, 23.11S±109.67W, h245km, 7km, ML4.2

ISC 06 18:07:51.2±1.2, 23.18S±109.66W±0.1, h200km, n43, a175/62, 12C-2D, Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF01, LVC, LVC, PB15, PB15, PB15, PB06, PB06, PB09, PB09, PB07, PB07, PB04, PB04, GO02, GO02, PB01, PB01, PB02, PB02, PB14, PB14, PB08, PB08, PATCX, PATCX.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TA01, TA01, GO01, GO01, PB11, PB11, AC01, AC01, AC06, AC06, GO03, GO03, PB16, PB16, PB12, PB12, GO04, GO04, BOAV.

NEIC 06 18:17:00.7±1.1, 36.70S±0.01±73.97W±0.0/6, h10km, 2km, mb4.2/2, ML4.0(GUC), Error ellipse: s-maj=7.9km s-min=3.0km az=93.0

GUC 06 18:17:04.1±0.7, 36.94S±73.85W, h17km, 5km, ML4.1

ISC 06 18:17:01.6±1.9, 36.76S±0.04±73.95W±0.0/8, h23km±15km, n49, c116/59, 3C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BI05, BI05, CCSP, CCSP, BI04, BI04, ML02, ML02, BO03, BO03, LR03, LR03, LR04, LR04, BO02, BO02, BO01, BO01, GO06, GO06, MT01, MT01, VA05, VA05, MT09, MT09, BO04, BO04, BO04, BO04, VA01, VA01, MT02, MT02, LMEL, LMEL, MT13, MT13, MT05, MT05, MT03, MT03, LL04, LL04, RO01, RO01, PEL, PEL, FCH, FCH, PLCA, PLCA, VA03, VA03, VA04, VA04, LL06, LL06, CO01, CO01, CO02, CO02, LL03, LL03, ZON, ZON, GO04, GO04, CO01, CO01, AC04, AC04, PB15, PB15, PB16, PB16.

ISC 06 18:31:17.8±2.2, 17.47S±178.84W, h615km, 18km, mb2.7/6, mbmp3.7/8, Error ellipse: s-maj=100.3km s-min=18.5km az=151.0

ISC 06 18:31:15.0±4.2, 16.9S±0.9±178.3W±0.8, h600km, n9, a0593/6, mb3.2/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, MSVF, DZM, DZM, WRA, WRA, ASAR, ASAR, NVAR, NVAR, ILAR, ILAR, TXAR, TXAR, PDAR, PDAR, GERES, GERES.

IDC 06 18:44:49.8±1.1, 6.75N±72.86W, h163km, 12km, mb3.0/3, mbmp3.9/8, Error ellipse: s-maj=20.1km s-min=13.2km az=137.0

RSNC 06 18:44:51.2±1.0, 6.83N±73.14W, h144km, 4km, ML3.5, MW4.1, Fault plane solution: NP1±30.3K0000°, δ66.0000°, λ18.00000°

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC, BARC, PAMC, PAMC, BRRC, BRRC, RUSC, RUSC, TAMC, TAMC, SPBC, SPBC, NORC, NORC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, UREC, UREC, PTGC, PTGC, VILC, VILC, GUY2, GUY2, GUY2, GUY2, CBOC, CBOC, CBOC, DBBC, DBBC, DBBC, SDV, SDV, SDV, SDV, ANIL, ANIL, ANIL, PRAC, PRAC, PRAC, ORTC, ORTC, ORTC, APAC, APAC, APAC, SJCC, SJCC, SJCC, PLMC, PLMC, PLMC, LCB, LCB, GUV, GUV, GUV, YOTC, YOTC, YOTC, SMRC, SMRC, MACC, MACC, MACC, BETA, BETA, BETA, URIC, URIC, URIC, BAHIA, BAHIA, GARC, GARC, GARC, POPC, POPC, POPC, FLOC, FLOC, FLOC, BBAC, BBAC, BBAC, GCUF, GCUF, GCUF, PCRV, PCRV, JTS, JTS, SJG, SJG, TEIG, TEIG, LPAZ, LPAZ, TXAR, TXAR, NVAR, NVAR, ASAR, ASAR, WRA, WRA.



Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like JAGI, TGY, SA9, ASAJ, PMPB, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like KDAX, TPNV, V12A, Q18K, K05A, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like MDJ, DUG, SKT, J16K, D08A, etc.



Table with columns for station name, frequency, and other parameters. Includes stations like MNK, MNL, KIV, AKASG, LSZ, TSMU, CLL, BRG, KOLS, DPC, PRU, MEM, BSTI, BTNL, GOPC, KECS, ARCR, BCLA, EGES, CFR, BHOH, BMRD, VRAC, VRAC, VRAC, PLOS, PLOS, PLOS, TPGR, KMBO, OZUR, DOU, JAVC, COVR, KRUC, VYHS, VYHS, ZVC, TIRR, TIRR, GRF, HARR, HARR, NEHR, MLR, WLF, MARR, ISR, ISR, KHC, KHC, DRGR, DRGR, MODS, BRTR, BRTR, BRTR, CKRC, GERS, GERS, VOIR, ARR, CONA, RONA, SIRR, RONA, RONA, GZR, BFO, BIOA, BIOA, BZS, BZS, ARSA, ARSA, MORH, HERR, LESA.

Table with columns for station name, frequency, and other parameters. Includes stations like LESA, RETA, WATA, WATA, WATA, MOTA, MOTA, WTTA, WTTA, MDVR, SOKA, SOKA, SOKA, SOTA, SOTA, DAVA, DAVA, OBKA, OBKA, FETA, FETA, MYKA, MYKA, ABTA, ABTA, ABTA, CLUD, LJU, LJU, CRNI, CRNI, VTS, VTS, VTS, MMB, KKB, SSB, PBLG, PBLG, PBLG, PVL, PVL, MVO, MVO, PVIS, PVIS, ESDC, TOAD, TOAD, TORD, TORD, IDC 06 19:10:27.2, NEIC 06 19:10:29.1, ISC 06 19:10:28.7, Code, RSSD, K2A, PHWY, RWWY, N23A, N23A, BRIGG, BRIGG, RLMT, RLMT, RLMT, BW06, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, OYNE, OYNE, YNE, YMP, YMP, ISKO, ISKO, LKWW, LKWW, MOOP, MOOP, YPP, RED, RED, RED, IMW, IMW, YHH, YHH, XFWY, XFWY, AHID, AHID, YHL, YHL, YHL, Q24A, Q24A, Q24A.

Table with columns for station name, frequency, and other parameters. Includes stations like SMCO, SMCO, DGMT, KSCO, BOZ, BOZ, BOZ, BUZ, BUZ, HSUT, BSUT, BSUT, BSUT, TCUT, TCUT, SDCO, SDCO, LYMT, LYMT, SRU, SRU, TMUT, NLU, BGU, OVMT, T25A, CHMT, DUG, HLID, HLU, MTPU, IIOCA, ULM, ULM, NEW, NEW, I65U, NVAR, KRSC 06 19:36:24.8, Code, PAU, MUT, MTRV, GRL, GRL, KRMR, UGLR, SMAR, KOK, SDLR, SDLR, KRER, KRER, KRX, GNL, MKZ, PYS, PYS, PYS, PYAG, PYAG, PYAG, PYAG, HJU, HJU, HJU, HHU, HHU, KSRS, KSRS, USRK, USRK, KLR, KLR, KURB, KURB, NRIK, NRIK, WSAR, WSAR, HFS, HFS, ASAR, ASAR, NOA, NOA, DAVO, DAVO, KEST, KEST, IDC 06 19:38:54.1.



mbmp3.5/4, Error ellipse: s-maj=168.1km s-min=22.0km az=66.0
DJA 06 19:38:57.1-0.3, 1°N, 5.12°E, h10km, M3.2/8, MLV3.2/8
ISC 06 19:38:57.8-1.2, 0.5N, 0.1x126.41E, 0.07, h10km, n9, o#63/7, mb3.6/4, Northern Malacca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TATI Ternate, LMBI Labuha, KMSI Cibinong, SANI Sanana, GTOI Gorontalo, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

HEL 06 19:45:21.6-0.1, 67.64N, 33.83E, h0km, ML1.1, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVZ Lovozero, VRF Vario, OLKF Oulanka, Finland, KURBB Kurchatov Arra, RIEKKI Rieikki, KU6 KU6, MAASELKA Maaselka, SOUDANKYL Sodankyl, ROVANIEMI Rovaniemi.

TRN 06 19:45:42.8, 10.71N, 62.40W, h76km, MD3.4
FUNV 06 19:45:43.5, 10.45N, 62.36W, h22km, MW3.7
ISC 06 19:45:40.5-1.4, 10.59N, 0.05, 62.35W, 0.04, h9km, n14km, n16, c#177/29, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRUV Carupano, TRN Trinidad (W), GRGR Grenville, GRW Mount Saint Ca, GRSH Sauteres, GCMP Grenada, Carrri, PCRV Puerto La Cruz, PARIAGUAN, MERV Las Mercedes, TACV Tacata, TACV Tacata, LUEVA Luepa, CACV CAICARA DEL OR, BEVN Bein, TURV Turiamo, BAUV El Baul, MAPV Macapo.

HEL 06 19:46:25.4-0.2, 67.59N, 33.91E, h0km, ML1.7, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVZ Lovozero, VRF Vario, OLKF Oulanka, Finland, RIEKKI Rieikki, KU6 KU6, MAASELKA Maaselka, SOUDANKYL Sodankyl, ROVANIEMI Rovaniemi, KEV Kevo, ROMUVAARA Romuvaara, KOLF Kolari, HEF Hetta, TOF Torio, KTK1 Kautokeino, PAJU Paja, KALU Kalix, LANU Lannavaara, ERTU Ertsjaerv.

IDS 06 19:50:05.8-3.7, 5.92S, 150.18E, h0km, mb3.0/2, mbmp3.2/3, ML1.4/1, Error ellipse: s-maj=147.1km s-min=39.9km az=121.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Arra.

IDS 06 19:54:09.2-1.9, 6.48S, 146.71E, h100km, 16km, mb3.8/4, mbmp4.2/8, MS3.6/2, Error ellipse: s-maj=24.8km s-min=14.8km az=90.0

NEIC 06 19:54:11.4-1.0, 6.55S, 0.1x146.50E, 0.1, h108km, 14km, mb4.0/13, Error ellipse: s-maj=19.6km s-min=16.6km az=175.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, KRVT Keravat (AS076), JAY Jayapura, COEN Coen, TWINSVILLE Townsville Har, CTCTA Charters Tower, CTCTA Charters Tower, FAKI Fak Fak, KDU Kakadu, QIS Mount Isa, SJI Sorong, WBO Warramunga Arr.

IDS 06 19:54:11.1-0.7, 6.58S, 0.07, 146.53E, 0.08, h110km, n47, o#139/48, mb4.0/4, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, FAKI Fak Fak, KDU Kakadu, QIS Mount Isa, SJI Sorong, WBO Warramunga Arr, WRA Warramunga Arr, FAKI Fak Fak, KDU Kakadu, QIS Mount Isa, SJI Sorong, WBO Warramunga Arr, INKA Fitzroy Crossi, FITZ Fitzroy Crossi, OOD Oodnadatta, ARMA Armidale, ARMA Armidale, LCRK Leigh Creek, WRKA Warakurna, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, MULG Moolaghee, BBOO Buckleboob, BBOO Buckleboob, FORT Forreast, MBWA Marble Bar, MEKH Meeha, URZ Urewera, MAW Mawson, ILAR Eielson Array, YBH Vre Blue Hor, TORO Torodi Arra.

IDS 06 19:56:12.8-2.0, 6.19S, 150.35E, h46km, 20km, mb3.7/4, mbmp4.0/6, ML 1.8/1, MS3.3/2, Error ellipse: s-maj=60.3km s-min=15.2km az=131.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, HNR Honiara, CTCTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, KSRS Korea Array, NVAR Mina Array, GERES GERES Array, TORO Torodi Arra.

IDS 06 19:56:12.9-1.1, 6.25S, 0.2x150.4E, 0.3, h48km, n10, o#92/9, mb3.9/3, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, HNR Honiara, CTCTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, KSRS Korea Array, NVAR Mina Array, GERES GERES Array, TORO Torodi Arra, LIFNC LIFOU, KOUNC Koumac, MARNC Mare, DZM Dzum, DZM Dzum, ONTNC Ouen Toro, ONTNC Ouen Toro, OUENC Ouen Island, OUENC Ouen Island, EIDS Eidsvold, CTCTA Charters Tower, CTCTA Charters Tower, COEN Coen.

IDS 06 20:07:16.1-9.4, 15.03S, 167.53E, h119km, 67km, mb3.8/4, mbmp4.2/5, Error ellipse: s-maj=122.3km s-min=55.9km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, HNR Honiara, CTCTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, KSRS Korea Array, NVAR Mina Array, GERES GERES Array, TORO Torodi Arra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, WBO Warramunga Arr, WBO Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, AS1 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, BBOO Buckleboob, KNRA Kununurra, KNRA Kununurra, FORF Forest, FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, PSA00 Pilbara Seismi, MBWA Marble Bar, OSQA South Pole Qui.

KRSC 06 20:08:21.6-2.2, 53.93N, 168.68E, h8km, 34km, MI3.6, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKI Bering, MKZ Mys Kozlova, MKZ Mys Kozlova, SMKR Semkarok, SMKR Bezymyanni-Gr, BZGR Bezymyanni-Gr, KZV Kizimen, KZV Kizimen, BZB Bezymyanni-Pe, BZBW Bezymyanni-We, TUMR Tunrok, TUMR Tunrok, KMRN Kamenistaya, KMRN Kamenistaya, KIRP Kirishev, KPT Kopyto, KPT Kopyto, SCLR Sedlovina, UGLR Udlovina, SMAR Somma, SMAR Somma, AVH Avacha, KROK Arik, KROK Koryaka, GNL Ganali, SMPT Shumskinskiy, MTRV Mutnovka, MTRV Mutnovka, GTR Gorelyy.

IDS 06 20:10:38.0-6.2, 5.38S, 153.25E, h166km, 22km, mb3.0/3, mbmp3.5/4, Error ellipse: s-maj=99.3km s-min=29.5km az=144.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Keravat (AS076), CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chang Mai Arr.

UJSS 06 20:23:58.3-0.9, 42.63N, 0.01, 111.47W, 0.03, h6km, 6km, Error ellipse: s-maj=3.9km s-min=1.4km az=114.0

NEIC 06 20:23:57.7-0.8, 42.61N, 0.01, 111.46W, 0.03, h8km, 6km, ML2.8/4, ML2.9/10(UJSS), Error ellipse: s-maj=4.1km s-min=0.7km az=115.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, BEI Bear River Ran, L17A Cokeville, MELI Malad Range, HDU Hyde Park, REDW Red Top Meadow, NPI North Pocatelli, PTU Portage, HWUT Howare Ranch, WWUT Wellsville, FXWV Fox Creek, FCWU Fossil, MXU Monte Cristo P, LTU Little Mountai, HVU Hansel Valley, HVU Hansel Valley, IMW Idaho Meadow, BWO6 Boulder Array, BWO6 Boulder Array, BWO6 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, EPU East Promontory, TCUT Toone Canyon, SPUT South Promontory, SPUT South Promontory, SPUT South Promontory, NAIU Northern Antel, YFT Fall Faithful, YFT Fall Faithful, H17A Grand Village, H17A Grand Village, H17A Grand Village, CTU Camp Tracy, CTU Camp Tracy, BGU Big Grassy Moun, BGU Big Grassy Moun, BGU Big Grassy Moun, LKWY Lake, LKWY Lake.

Table with columns: LKWY, comp=N,54nm,0.7s, IAML, 20 25 14.2, 20 24 37.1 +0.3, 20 24 35.0 +0.6, 20 24 36.6 -1.4, 20 24 35.6 +0.6, 20 24 36.9 +1.5, 20 25 10.9, 20 25 13.4, 20 24 33.7 -2.8, 20 24 38.4 +1.6, 20 25 13.9, 20 25 16.3, 20 24 39.0 -1.2, 20 25 28.1, 20 25 33.4, 20 24 41.4 +1.0, 20 24 40.1 -0.2, 20 25 26.2, 20 25 34.7, 20 24 41.4 0.0, 20 24 47.3 -1.8, 20 25 29.8, 20 25 30.4, 20 24 46.8 +1.5, 20 24 49.5 -1.7, 20 24 48.5 -1.2, 20 25 49.1, 20 24 53.9 -2.7, 20 25 45.9, 20 25 47.8, 20 24 49.0 -1.1, 20 25 48.2, 20 25 49.9, 20 24 52.3 +1.3, 20 24 51.3 -0.7, 20 24 53.3 -0.1, 20 25 49.0, 20 24 56.6 +2.2, 20 25 59.4, 20 26 00.3, 20 24 57.4 -1.7, 20 25 11.9 +2.0, 20 25 07.2 -3.2, 20 26 10.5, 20 26 23.5, 20 24 59.0 -2.4, 20 24 58.9 -3.1, 20 25 04.4 +1.9, 20 26 19.0, 20 25 04.6 -0.3, 20 25 03.7 -2.1, 20 26 23.0, 20 26 35.6, 20 25 06.2 +0.3, 20 25 06.2 +0.1, 20 25 06.0 -1.2, 20 26 29.7, 20 26 37.0, 20 25 07.0 -0.8, 20 25 07.8 -0.8, 20 26 27.6, 20 25 08.8 -0.3, 20 25 19.9 -2.9, 20 25 10.6 -0.3, 20 25 26.7 -2.2, 20 25 29.6 +0.2, 20 26 59.0, 20 25 28.1 -2.6, 20 26 48.1, 20 26 50.8

SOME 06 20:53:21.5, 40:63N, 72:62E, h15km, KRNET 06 20:53:22.5, 0.1, 40:78N, 72:51E, h11km, mb2.2, NNC 06 20:53:24.7, 1.3, 9, 40:73N, 72:57E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=33.3km s-min=14.4km az=158.0, ISU 06 20:53:24.7, 40:48N, 72:68E, h16km, ISC 06 20:53:23.8, 0.9, 40:74N, 72:63E, h12km, 8km, n23, c1501/38, 16C-16D, Kyrgyzstan

CHGB baz=294 S Sb 20 57 46.5 +0.1, EYUL Yuli baz=222 0.62 223 eP Pb 20 57 37.2 -0.4, EYUL baz=222 eS Sb 20 57 47.2 +0.8, ENA Nanau baz=357 0.62 357 i P Pb 20 57 37.5 -0.3, ENA baz=357 S Sb 20 57 48.0 +1.3, WUSB Renai baz=287 0.63 288 i P Pb 20 57 37.7 -0.3, WUSB baz=287 i S Sb 20 57 47.1 +0.2, E0S3 E0S3 baz=45 0.69 46 eP Pb 20 57 39.4 +0.6, E0S3 baz=45 S Sb 20 57 49.6 +1.2, TWT Tachien baz=308 0.71 309 i P Pb 20 57 39.5 +0.2, TWT baz=308 S Sb 20 57 49.4 +0.2, NNSB baz=308 0.72 330 i P Pb 20 57 39.4 -0.1, NNSB baz=330 S Sb 20 57 49.6 +0.1, TDCB Tech baz=308 0.72 309 i P Pb 20 57 39.4 -0.1, TDCB baz=308 S Sb 20 57 50.0 +0.4, NNS baz=308 0.73 330 i P Pb 20 57 39.7 0.0, NNS baz=330 S Sb 20 57 49.8 -0.1, FULB Fuli baz=216 0.75 216 P Pb 20 57 40.3 +0.4, FULB baz=216 eS Sb 20 57 52.2 -0.8, SSLB Suanglung baz=268 0.75 269 P Pg 20 57 39.5 +0.4, SSLB baz=268 S Sg 20 57 49.7 +0.7, LATG Datong baz=342 0.77 343 P Pb 20 57 40.3 +0.1, LATG baz=342 S Sb 20 57 51.1 +0.3, CHKT Chengkung baz=207 0.80 208 eP Pb 20 57 40.8 +0.2, SMLT Sun Moon Lake baz=275 0.81 276 i P Pb 20 57 40.9 0.0, SMLT baz=275 S Sb 20 57 52.6 +0.6, WCS Beigang Elemen baz=287 0.83 288 eP Pb 20 57 41.2 -0.1, TYC Yuchr baz=277 0.85 277 i P Pb 20 57 41.5 0.0, TYC baz=277 S Sb 20 57 53.6 +0.6, WHYT Xinyi Township baz=262 0.85 263 eP Pg 20 57 41.2 +0.2, WHYT baz=262 eS Sn 20 57 54.4 -1.1, ENTT Nioudou baz=347 0.86 347 P Pb 20 57 42.0 +0.3, ENTT Nioudou baz=241 0.86 347 P Pb 20 57 42.3 +0.6, WHP Taichung City baz=301 0.90 302 eP Pb 20 57 43.1 -0.4, WHP baz=301 eS Sb 20 57 55.3 +0.7, ELDTW Lidau baz=298 0.93 229 P Pg 20 57 41.4 -1.1, EDH Donghe baz=207 0.93 208 eP Pb 20 57 41.8 -0.7, ALS Alishan baz=251 0.94 252 i P Pb 20 57 43.6 +0.4, ALS baz=251 S Sb 20 57 56.2 +0.2, YHNB Yeheng baz=337 0.94 337 P Pb 20 57 43.1 -0.1, NSK Sangnung baz=336 0.95 336 eS Sb 20 57 56.5 +0.3, WNT Mingjian baz=274 1.00 275 eP Pb 20 57 44.3 +0.1, WNT baz=274 eS Sn 20 57 59.6 +0.4, NFF Wufeng Townshi baz=323 1.02 324 eP Pb 20 57 45.8 +0.5, NFF baz=323 eS Sb 20 57 58.5 +0.3, CHNS Tsauling baz=258 1.03 259 P Pb 20 57 45.1 -0.2, CHNS baz=258 S Sn 20 58 00.1 +0.2, NSTT Nanjuang baz=319 1.09 320 P Pb 20 57 47.6 +1.5, NSTT baz=319 eS Sn 20 58 01.9 +0.6, LIOB Emei baz=320 1.09 321 eP Pb 20 57 46.5 +0.3, STYH Taoyuan baz=235 1.11 236 eP Pg 20 57 45.3 -0.7, STYH baz=235 eS Sn 20 58 01.5 -0.4, WCKO Fanlu baz=251 1.13 252 eP Pb 20 57 46.7 -0.1, WCKO baz=251 eS Sn 20 58 02.6 +0.2, TPUB Ta-pu baz=244 1.16 245 P Pb 20 57 47.0 0.0, TPUB baz=244 S Sn 20 58 03.8 +0.5, WTP Taichung baz=242 1.20 243 eP Pb 20 57 47.5 -0.1, CHN1 Nanshi baz=241 1.30 242 eP Pb 20 57 49.2 -0.1, CHN1 baz=241 eS Sn 20 58 08.3 +1.7, SGST Jiashian baz=236 1.31 237 eP Pb 20 57 48.4 -0.8, SGST baz=236 eS Sn 20 58 08.7 +1.9, SLGT Liuguang baz=232 1.31 232 eP Pb 20 57 49.3 +0.1, SLGT baz=232 eS Sn 20 58 07.0 +0.1

IDC 06 20:32:48.1-8, 7.610S, 128.75E, h276km, 120km, mb2.7/1, mbtmp3.6/4, Error ellipse: s-maj=183.9km s-min=19.1km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, SIJI Sorong 5.76 26 P P 20 34 15.8 +1.8, SIJI 20 35 22.5 -0.6, WRA Warramunga Arr 14.80 159 P P 20 36 03.2 -1.1, ASAR Alice Springs 18.16 165 P P 20 36 41.2 +0.3, MKAR Makanchi Array 66.80 327 P P 20 43 10.1 -0.2

IDC 06 20:51:18.3-0.7, 29.00S, 177.93W, h236km, 6km, mb3.0/2, mbtmp3.8/3, Error ellipse: s-maj=38.8km s-min=26.3km az=160.0, ISC 06 20:51:18.2-1.1, 29.3S, 177.8W, h205km, n13, c2505/12, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, RAO Raoul Island 0.08 288 P P 20 51 48.6 -1.8, RAO 20 52 14.7 -0.9, URZ Urewera 9.90 204 P P 20 53 37.6 +2.3, URZ 20 55 23.2 -3.4, ASAR Alice Springs 43.33 266 P P 20 58 56.9 +0.8, WRA Warramunga Arr 44.21 271 P P 20 59 03.6 +0.5, H0S2 Juan Fernandez 80.96 124 T T 22 33 22.5, H0S3 Juan Fernandez 80.97 124 T T 22 33 16.8, H0S3 Juan Fernandez 80.98 124 T T 22 33 01.5, MKAR Makanchi Array 117.16 310 PKP 21 09 33.8 +0.4, KURBB Kurchatov Arra 120.41 314 PKP 21 09 39.9 +0.4, FINES FINESS Array B 144.14 341 PKP 21 10 24.8 -2.2, HFS Hagfors 148.17 349 PKPbc 21 10 34.3 -1.1, AKASG Malin Array Be 150.49 324 PKPbc 21 10 40.7 +0.2, TORD Torodi Ar. Bea 163.94 178 PKPab 21 11 49.2 +3.1

TAP 06 20:57:24.6, 23.80N, 121.78E, h8km, 1km, ML2.2, 3D, C, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, HWA Hwalien baz=319 0.23 318 P P 20 57 30.3 +1.0, TEGC Jichi Village baz=245 0.23 247 P Pg 20 57 31.2 +1.8, ETM Tongmen baz=302 0.31 302 i P Pb 20 57 31.6 -0.7, ESL Shilin baz=271 0.31 272 i P Pb 20 57 31.7 -0.8, ESL baz=271 S Sb 20 57 36.8 -0.9, TWD Chiawan baz=330 0.32 329 i P Pb 20 57 31.9 -0.7, TWD baz=330 i S Sb 20 57 38.0 0.0, EGFH Guanfu baz=247 0.35 248 eS Sb 20 57 38.9 +0.2, WARBT Fenglin Townsh baz=256 0.37 257 i P Pg 20 57 32.5 +0.7, WARBT baz=256 S Sb 20 57 38.6 -0.6, ETL Fush Village baz=338 0.38 339 eP Pb 20 57 33.3 -0.4, LXIB Xiulin Townshi baz=303 0.40 303 i P Pb 20 57 33.3 -0.7, LXIB baz=303 i S Sb 20 57 40.0 -0.3, NACB Ninganchiao baz=335 0.41 336 i P Pg 20 57 33.2 +0.6, NACB baz=335 S Sb 20 57 39.6 -0.7, HGSD Ruisui baz=226 0.45 226 P Pg 20 57 33.9 +0.6, HGSD baz=226 S Sb 20 57 42.2 +0.7, ETLH Xiulin Townshi baz=326 0.48 326 i P Pb 20 57 34.8 -0.6, ETLH baz=326 S Sb 20 57 42.7 0.0, EHY Hungye baz=233 0.51 235 i P Pb 20 57 35.2 -0.6, EHY baz=233 i S Sb 20 57 44.4 +1.1, OWD Renai baz=285 0.57 286 i P Pb 20 57 36.8 -0.2, OWD baz=285 i S Sb 20 57 45.5 +0.2, WHF Hehuan Shan baz=306 0.58 306 i P Pb 20 57 36.9 -0.3, WHF baz=306 i S Pb 20 57 45.8 0.0, VVWD VVWD baz=265 0.58 265 i P Pb 20 57 36.9 -0.2, VVWD baz=265 S Sb 20 57 45.3 -0.2, E0S4 E0S4 baz=265 0.59 57 eP Pb 20 57 36.9 -0.1, E0S4 baz=57 S Sb 20 57 45.5 +0.3, YULB Yu-li baz=227 0.60 227 i P Pb 20 57 36.6 +0.4, YULB baz=227 i S Pb 20 57 45.8 -0.1, CHGB Renai baz=294 0.61 295 i P Pb 20 57 37.3 -0.3

TAP 06 20:57:33.5, 24.83N, 121.95E, h10km, ML1.8, 2C, B, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, EGS baz=342 0.03 321 i P Pb 20 57 35.8 +0.4, EGS baz=342 i S Sg 20 57 37.1 +0.4, TWB1 Santiao Chiao baz=13 0.19 11 i P P Pb 20 57 38.3 +0.8, TWB1 baz=13 i S Sg 20 57 40.8 +0.6, TWC Suao baz=200 0.23 203 i P Pg 20 57 39.3 +1.0, TWC baz=200 i S Sg 20 57 43.2 +1.7, SX11 Grass Mountain baz=345 0.28 346 i P Pb 20 57 40.4 -0.3, SX11 baz=345 S Sb 20 57 45.0 -0.5, NDS Dongshan baz=228 0.29 228 i P Pb 20 57 40.2 -0.5, NDS baz=228 i S Sb 20 57 45.7 +0.1, NWF Wu-fen Shan baz=328 0.29 328 P Pb 20 57 40.8 -0.1, NWF baz=328 S Sb 20 57 45.3 -0.5, FUSB Fushanzhiwuyua baz=258 0.34 259 i P Pb 20 57 41.5 -0.2, FUSB baz=258 S Sg 20 57 45.3 +0.6, ENTT Nioudou baz=241 0.40 242 S Sb 20 57 48.4 -0.4, ENTT baz=241 eP Pb 20 57 42.8 -0.1, NWLT Wulai baz=263 0.41 263 eP Pb 20 57 42.8 +0.9, NWLT baz=263 S Sg 20 57 48.0 +0.9, ENA Nanau baz=204 0.44 206 P Pb 20 57 43.4 0.0

Table with station data including ENA, YMO1, ESO2, LATG, YHNB, EOS3, NACB, etc. Columns include station name, coordinates, and time/res values.

IDC 06 21:20:07.1s,3.2,29.71N,140.36E, h0km, mb3.7/3, mbtm3.7/3, Error ellipse: s-maj=138.2km

Table with station data for IDC 06 21:20:07.1s,3.2,29.71N,140.36E, h0km, mb3.7/3, mbtm3.7/3, Error ellipse: s-maj=138.2km

IDC 06 21:25:10.7,2.4,6.53S,129.18E, h0km, mb3.5/1, mbtm3.4/3, ML3.1/2, MS2.7/1, Error ellipse: s-maj=140.8km

Table with station data for IDC 06 21:25:10.7,2.4,6.53S,129.18E, h0km, mb3.5/1, mbtm3.4/3, ML3.1/2, MS2.7/1, Error ellipse: s-maj=140.8km

MOS 06 21:25:13.4,1.0,48.33N,148.97E, h391km, mb4.1/27, Error ellipse: s-maj=8.7km

Table with station data for MOS 06 21:25:13.4,1.0,48.33N,148.97E, h391km, mb4.1/27, Error ellipse: s-maj=8.7km

ISC 06 21:25:14.8,0.4,48.22N,149.05E, h400km, n255, e1936/305, mb4.0/70, 8C-5D, Northwest of Kuril Islands

Main table of station data for ISC 06 21:25:14.8,0.4,48.22N,149.05E, h400km, n255, e1936/305, mb4.0/70, 8C-5D, Northwest of Kuril Islands

Main table of station data for 2017 SEP, including stations like Yuzh-Kuril'sk, Misakicho, Tymovskoe, etc.

Main table of station data for 6d 21h, including stations like D20K, E20K, H20K, J20K, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H31M Peel River, P29M Windy Craggy, PZH PanZhiHua, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ULM Lac du Bonnet, KIV Kislovodsk, KIV Kislovodsk, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MKZ Kizimen, ZVZR Bezymannyi-We, TUMR Tumrok, etc.

CNRM 06 21:49:60.0, 35:69N-8:69W, h54km, ml3.3
SFS 06 21:50:00.8, 35:74N-8:66W, h54km, ML3.5/20, ML3.6/17, ML3.3/4/20
MDD 06 21:50:01.6, 0.4, 35:79N-8:57W, h30km, mb, Lg3.4/37, Error ellipse: s-maj=3.6km s-min=2.7km az=57.0
IGIL 06 21:50:01.2, 35:76N-8:63W, h24km, ML2.9
INMG 06 21:50:02.0, 1.4, 35:77N-8:63W, h40km, ML2.8, Error ellipse: s-maj=4.0km s-min=1.9km az=74.0
LDG 06 21:50:02.6, 35:80N-8:55W, h30km
ISC 06 21:49:58.9, 1, 3, 35:82N, 0:03:8.45W, 0:04, h26km, 13km, n125, a2831/207, 1C-4D, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like Vila Bisbo, Marmeleite, Vaqueiros, etc.

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

Table with columns: Station Name, Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical details for various stations.

Table with columns: Station Name, Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical details for various stations.

Table with columns: Station Name, Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, and other technical details for various stations.

6d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Dehrash, Ghaleghazi, Lien, Kirkuk, etc.

IDC 06 23:07:58.6z 1.0, 22:29S:67:13W, h156km, 13km, mb3.5/4, mbtmp4.1/9, Error ellipse: s-maj=21.9km s-min=15.4km az=127.0

SJA 06 23:07:58.7z 1.7, 22:19S:67:35W, h175km, ML4.1, MW4.0 GUC 06 23:07:59.0z 0.8, 22:24S:67:61W, h208km, 5km, ML4.3 NEIC 06 23:07:59.7z 0.6, 22:22S:0:02:67.5W:0.1, h186km, 7km, mb4.3/10, ML4.3(GUC), Error ellipse: s-maj=14.4km s-min=3.0km az=88.0

SCB 06 23:08:00.2z 1.4, 22:23S:67:45W, h165km, 12km, ML4.2/3, MW4.3, Error ellipse: s-maj=5.5km s-min=2.9km az=0.0 VAO 06 23:08:00.3z 0.4, 22:06S:67:56W, h199km, mb4.1 ISC 06 23:07:59.7z 0.6, 22:22S:0:04:67.43W:0.04, h183km, 6km, n155, s136/192, mb3.9/5, 13C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like San Pedro de A, Limon Verde, Yavi, etc.

2017 SEP

Table with columns: PBO2, Sg, Sn, Time, Res. Rows include stations like IROC Station P, Chusmiza, LOMAS DE OLMED, etc.

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Table with columns: DIAM, JAMB, DUB01, etc. Rows include stations like Diamantina, Friburgo, Santa Maria, etc.

ISK 06 23:32:17.3, 37:85N:29:26E, h11km, ML1.8/12 DDA 06 23:32:17.6z 0.0, 37:87N:29:28E, h7km, 2km, ML1.9, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Denizli-Tavas, Acipayam-Deniz, Karahalli, etc.

DDA 06 23:32:17.8z 0.0, 36:92N:27:38E, h7km, 2km, ML1.6 ISK 06 23:32:17.5, 36:94N:27:40E, h2km, ML1.3/5, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Kemer-Bodrum, Kayabasi, Bodrum, etc.

IDC 06 23:39:40.0z 2.3, 54:64N:169:14E, h0km, mb3.3/2, mbtmp3.4/3, ML3.2/1, MS2.8/1, Error ellipse: s-maj=122.6km s-min=30.4km az=177.0 KRSC 06 23:39:43.5z 2.0, 53:84N:168:53E, h16km, 57km, ML4.1 ISC 06 23:39:42.6z 1.5, 53:79N:0:09:169.07E:0.09, h25km, n40, s190/46, Komandorski Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Bering, Kuzlovka, Semkarok, etc.







Table with 3 columns: Station Name, Frequency, and various data fields including call letters and numerical values.

Table with 3 columns: Station Name, Frequency, and various data fields including call letters and numerical values.

Table with 3 columns: Station Name, Frequency, and various data fields including call letters and numerical values.

ICD 07/20:24.51, 7.19, 24.95S: 179.91W, h558km, m206km, mb4.0/4, mbtmp5.1/4, Error ellipse: s-maj=114.9km

s-min=46.7km az=94.0 KESRA Kesra 159.3730, 1.9, 25.0S: 0.4x, 179.8W: 0.3, h550km, n7, 0.616/6, mb4.7/4, South of Fiji Islands

Table with 3 columns: Code, Station Name, and various data fields.

Table with 3 columns: Code, Station Name, and various data fields.

Table with 3 columns: Code, Station Name, and various data fields.

Table with 3 columns: Code, Station Name, and various data fields.

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Table with 3 columns: Code, Station Name, and various data fields.

Table with 3 columns: Code, Station Name, and various data fields.

Table with columns: WRA, WRA, ASAR, MKAR. Rows include station names like Warramunga Arr, Alice Springs, Makanchi Array with their respective coordinates and parameters.

NIED 07:01:39.4, 41.571N, 142.06E, h67km, MW4.3, Moment Tensor Solution... s-maj=9.8km s-min=6.9km az=84.5

MOS 07:01:39.4, 0.2, 41.61N, 142.1E, 0.03, h67km, 2km, MW3.9/40, E OFF ACOMORI PREF

JMA F0111 at E Off ACOMORI PREF, IDC 07:01:39.4, 0.2, 41.61N, 142.1E, 0.03, h73km, 13km, mb3.8/18

ISC 07:01:39.7, 0.6, 41.56N, 142.1E, 0.03, h60km, 4km, 1103, 0.1935/108, mb4.4/31, MS3.2/13, 12C-13D, Hokkaido region

Main table on the left side containing station data for the 'Hokkaido region'. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Lists stations like Aomori, JAR, JOT, etc.

Main table in the center containing station data for various regions. Columns include station codes, names, coordinates, and parameters. Lists stations like WAKE ISLAND, KMI, KURK, etc.

Main table on the right side containing station data for various regions. Columns include station codes, names, coordinates, and parameters. Lists stations like IKIS, IVON, IDYN, etc.

REY 07:02:15:37.7, 64.67N, 17.45W, h1km, IDC 07:02:15:38.1, 0.7, 64.49N, 17.66W, h0km, mb3.7/13

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, TORD Torodi Ar. Bea, PDAR Pinedale Array, etc.

IDC 07 02:27:54.0, 1.6, 23.05S; 111.83W, h0km, mb3.7/4, mbmp3.7/4, MS3.6/20, Error ellipse: s-maj=109.7km

GCMT 07 02:27:59.0, 0.6, 23.18S; 112.08W, 0.04, h21km, 1km, MW4.868 Moment Tensor Solution, s21, c23, s68, e61; Duration: 0. Moment tensor: Scale 10^16Nm; Mr=1.66; 16; Mw=1.31; 10; Mo=0.34; 10; Mo=0.15; 15; Mo=0.77; 06; Mo=0.32; 18; Best double couple: Mo1.73500x10^16; NP1=126.00000; 850.00000; -81.00000; NP2: 292.00000; 841.00000; -101.00000; Principal axes: T 1.7610, Plg5.0000, Azm210.0000; N -0.0540, Plg7.0000, Azm300.0000; P -1.7090, Plg81.0000, Azm85.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 07 02:27:55.1, 1.6, 23.25S; 0.3, 111.8W, 0.9, h10km, n35, 0.695/10, mb3.9/4, MS3.6/21, Easter Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCDR Punta Cana, DR, PCDR Punta Cana, DR, PCDR Punta Cana, DR, etc.

IDC 07 02:44:55.0, 1.2, 5.19S; 150.49E, h0km, mb3.6/3, mbmp3.7/3, Error ellipse: s-maj=68.2km s-min=19.1km

ISC 07 02:44:55.7, 1.2, 4.95S; 0.2, 150.4E, 0.2, h10km, n6, 0.674/7, mb3.6/3, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat (AS076), KRVT Keravat (AS076), etc.

UCR 07 02:51:22.4, 1.0, 10.43N; 84.19W, h115km, 2km, MW4.0 UFA 07 02:51:23.4, 0.3, 9.23N; 84.64W, h23km, 10km, MW3.5

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

NEIC 07 02:38:58.6, 1.3, 18.89N; 0.05, 67.40W, 0.03, h10km, 2km, ML2.9/12, Md3.1/7(RSPR), Error ellipse: s-maj=8.9km s-min=3.0km az=206.0

SDD 07 02:39:01.9, 2.1, 18.77N; 67.54W, h12km, 103km, MD3.5, ML2.9

RSPR 07 02:39:02.4, 18.75N; 67.44W, h14km, 3km, MD3.1/7

ISC 07 02:39:00.6, 1.4, 18.78N; 0.07, 67.43W, 0.04, h27km, 11km, n31, 0.075/42, 14C-4D, Mona Passage

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GPS3 Bodega del ICE, GPS3 Bodega del ICE, GPS3 Bodega del ICE, etc.

IDC 07 02:52:27.9, 3.1, 15.68S; 173.09W, h0km, mb3.7/4, mbmp3.7/4, MS3.3/6, Error ellipse: s-maj=172.8km s-min=28.8km az=145.0

ISC 07 02:52:34.0, 2.9, 14.65S; 0.9, 172.9W, 0.5, h10km, n17, 0.068/5, mb3.6/4, MS3.4/5, Samoa Islands

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

REY 07 03:08:11.8, 64.66N; 17.41W, h0km BGR 07 03:08:12.6, 65.47N; 17.57W, h19km, mb4.5, Ms3.5

BGS 07 03:08:14.3, 2.3, 64.54N; 17.52W, h5km, mb4.7(NEIC) MOS 07 03:08:14.3, 1.5, 64.58N; 17.44W, h10km, mb4.8/49, Error ellipse: s-maj=10.2km s-min=6.3km az=122.2

IDC 07 03:08:14.5, 0.5, 64.53N; 17.51W, h0km, mb4.2/21, mbmp4.2/26, ML3.0/4, MS3.7/59, Error ellipse: s-maj=17.0km s-min=10.5km az=24.0

NEIC 07 03:08:15.4, 1.1, 64.54N; 0.08, 17.5W, 0.2, h10km, 1km, mb4.7/163, Error ellipse: s-maj=15.9km s-min=9.9km az=45.0

DNK 07 03:08:16.4, 5.4, 64.72N; 17.09W, h2km, ML3.6, Ms4.8 GCMT 07 03:08:17.4, 0.4, 64.45N; 0.04, 17.2W, 0.1, h14km, 1km, MW4.786, Moment Tensor Solution, s10, c10; s86, c104; Duration: 0. Moment tensor: Scale 10^16Nm; Mr1.32; 12; Mw=0.73; 09; Mo=0.59; 07; Mo=0.94; 23; Mo=0.23; 04; Mo=0.06; 22; Best double couple: Mo1.43100x10^16; NP1=102.00000; 865.00000; 1.79.00000; NP2: 307.00000; 827.00000; 1.12.00000; Principal axes: T 1.6980, Plg68.0000, Azm351.0000; N -0.5370, Plg10.0000, Azm107.0000; P -1.1640, Plg19.0000, Azm200.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BER 07 03:08:19.8, 3.5, 64.58N; 16.40W, h2km, mb4.5(CSEM) ISC 07 03:08:15.0, 3.0, 64.64N; 0.07, 17.52W, 0.02, h10km, n461, 0.208/353, mb4.6/162, MS3.7/66, 36C-7D, Iceland

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 7d 3h, IVSH, IFAG, IADA, ISTE, IMEL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BUG, NRDL, FLTG, CLZ, FINES, NEUB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GEC2, GERES, RETA, CKRC, MOTA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZCCA, KWP, PMRV, CRVS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BR131, SADO, IDI, KIV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GEYT, KOWA, RLMT, NEW, etc.

7d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CMIG, ROSC, ROSE, etc.

IDC 07 03:21:28.0:0.7, 1.42S, 148.31E, h0km, mb4.2/12, mbmp4.2/16, ML3.9/3, MS3.5/12, Error ellipse: s-maj=22.9km s-min=14.5km az=93.0

NEIC 07 03:21:35.0:0.7, 1.49S:0.09, 148.29E:0.06, h28km, 1km, mb4.6/31, Error ellipse: s-maj=13.4km s-min=7.3km az=162.0

ISC 07 03:21:34.0:0.5, 1.44S:0.07, 148.25E:0.07, h35km, n68, h=72.5, mb4.5/28, MS3.3/6, Admiralty Islands region

Main table of station data for the Admiralty Islands region, including stations like MANU, KRVT, JAY, etc.

2017 SEP

Table of station data for the 2017 SEP period, including stations like K27K, I28M, K29M, etc.

KRSC 07 03:23:44.0:1.0, 5.6:0.04N:162.73E, h8km, 5km, ML4.2, IDC 07 03:23:45.0:0.9, 5.6:2.1N:162.45E, h0km, mb3.6/11, mbmp3.6/12, ML2.3/1, MS2.9/1, Error ellipse: s-maj=26.8km s-min=18.2km az=139.0

ISC 07 03:23:46.1:1.0, 5.6:0.09N:162.61E:0.03, h8km, 7km, n61, a1928/76, mb3.7/11, Near east coast of Kamchatka

Main table of station data for the Kamchatka region, including stations like KBG, KBT, KBR, etc.

404

Table of station data for the 404 period, including stations like BSWZ, BSWZ, CMWZ, etc.

IDC 07 03:43:11.5:1.6, 12.03N:87.57W, h0km, mb3.9/6, mbmp3.9/7, ML3.4/1, MS3.6/3, Error ellipse: s-maj=50.1km s-min=22.1km az=53.0

SNET 07 03:43:13.9:0.9, 11.87N:88.20W, h3km, 10km, ML3.3, NEIC 07 03:43:15.8:2.0, 11.94N:0.08:87.81W:0.08, h10km, 2km, mb4.4/15, Error ellipse: s-maj=16.4km s-min=9.1km az=21.0

UCR 07 03:43:16.7:1.9, 11.94N:87.81W, h10km, MW3.9, MB4.4(NEIC)

ISC 07 03:43:14.8:2.0, 11.99N:0.07:87.91W:0.07, h16km, 12km, n64, a1527/77, mb4.2/14, Near coast of Nicaragua

Main table of station data for the Nicaragua region, including stations like LCND, ALJI, FAGO, etc.

WEL 07 03:38:12.2:0.3, 42.5:3.174E, h11km, 2km, M3.9/49, ML4.0/21, ML3.9/48, Error ellipse: s-maj=0.0km s-min=0.0km az=139.0, confirmed

NOU 07 03:38:13.3, 42.10S:173.97E, h22km, MLv4.1/6, South Island, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MOTZ Rio Naranjo, ACAL Aguas Claras, COTE Lago Cote, JTS Las Juntas de, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KDAK comp=E,0.2nm,0.3s, ILAR comp=E,0.1nm,0.3s, PETK comp=E,0.5m,1.8s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AAE Adis Abeba, AAE Adis Abeba, AAE Adis Abeba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 07 03:47:39, ISC 07 03:47:41, Code Station Name, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRAN Grantham, FRAZ Fraserburg, KOMG Komaggas, CER Ceres.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EIL Elat, NOA NORSTAR Arr, AKASG Malin Array B, FINES FINES Array B, TXAR Lajitas Array, KBZ Khabaz, PDAR Pinedale Array, PDAR Kirov, NVAR Mina Array B, AAK Ala-Archa, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, WRA Warramunga Arr, ILAR Eielson Array, FINES FINES Array B, NVAR Mina Array B.

IDC 07 04:00:46.4-0.9, 0.25N-28.77W, h0km, mb4.1/11, mbtmp4.1/12, ML4.1/1, MS3.8/24, Error ellipse: s-maj=39.4km s-min=15.0km az=143.0

NEIC 07 04:00:48.5-1.9, 0.3N-0.2-28.98W:0.10, h10km, 1km, mb4.6/17, Error ellipse: s-maj=37.1km s-min=4.5km az=155.0

GCMT 07 04:00:50.5-0.4, 1.03N-0.03-29.03W:0.02, h24km, 2km, MW4.8/78, Moment Tensor Solution, s13.c13: s78.c95; Duration: 0.12; Moment tensor: Scale 10^19Nm; Mrr-0.25E-12; Mth-0.36E-12; Mtt-0.11E-09; Mtr-0.17E-12; Mtr-0.17E-09; Mtr-0.61E-14; Best double couple: M11.836000x1016 NP1.9e355.00000, s89.00000, lambda-20.00000. NP2: 0.86.00000, delta.070.00000, lambda-179.00000. Principal axes: T 1.9790, Plg14.00000, Azm42.00000; N -0.2660, Plg70.00000, Azm174.00000; P -1.6930, Plg15.00000, Azm302.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 04:00:47.9-0.7, 0.3N-0.1-29.0W:0.1, h10km, n65, 183/44, mb4.3/20, MS3.9/23, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCBR Riachuelo, H10N3 ASCENSION HYDR16.54 120 T, H10N2 ASCENSION HYDR16.55 120 T, H10N1 ASCENSION HYDR16.56 120 T, H10S3 ASCENSION HYDR16.96 123 T, H10S2 ASCENSION HYDR16.98 123 T.

IDC 07 04:15:30.9-1.2, 33.06N-103.83E, h0km, mb3.5/6, mbtmp3.6/7, ML4.3/1, MS3.6/3, Error ellipse: s-maj=39.9km s-min=21.1km az=53.0

ISC 07 04:15:32.2-1.1, 33.1N:0.1x103.9E:0.2, h9km, n10, 029/27, mb3.6/5, MS3.5/3, Gansu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, KSRS Korea Array, MKAR Makanchi Array, ZALV Zalesovo Beam, AAK Ala-Archa, KURBB Kurchatov Arr, BELG Belogoroye, MMAL Mount Meron Arr, WRA Warramunga Arr, ASAR Alice Springs.

NEIC 07 04:18:02.1-0.5, 18.90N-0.06-155.28W:0.02, h32km, 10km, Error ellipse: s-maj=8.8km s-min=1.6km az=161.0

HVO 07 04:18:04.7-1.6, 18.95N:0.03-155.29W:0.02, h12km, 7km, mb2.6/11, ML2.6/26(NEIC), Error ellipse: s-maj=4.9km s-min=0.7km az=153.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HTC Hot Caves, HLP Hilina Pali, HLP Hilina Pali, KHU Kahuku, PUH Pauahi, SDHH Sand Hill, KKH Kane Nui o Ham, KKO Keanakako I, KKO Keanakako I, AIN Ainaohu, STCH Steam Cracks, HATHI Halema'uma'u T, SBLHI Steaming Bluff, RSD Rainedsh, RSD Rainedsh, MLH Mauna Loa, MLH Mauna Loa, JOKA Jonika Flow, MWH Moku'aweo, HMM Humu'ula Sheep, HMM Humu'ula Sheep, ALEP Alea Permanent, KHLU Kaha'ulu.

KRSC 07 04:43:02.5-0.9, 9.55N:196.29E, h35km, 5km, MI3.5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKI Bering, MKZ Mysz Kozlova, BZGR Bzymyanni-Gr, KZV Kizimen, TUMR Tumrok, SDLR Sedlovina, SMAR Somn, KRER Koryakskii, UGLV Uglovaya, AVH Avacha, KRX Arik, KOK Koryaka, MTRV Mutnovka, KDRTR Khodutka, Kamc.

IDC 07 05:08:50.0-1.7, 22.85S:174.31W, h0km, mb4.1/3, mbtmp4.1/5, ML4.3/2, Error ellipse: s-maj=70.0km s-min=33.6km az=174.0

ISC 07 05:08:50.9-1.2, 22.8S:0.3x174.3W:0.1, h10km, n6, 0575/6, mb4.2/3, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsavu, RAR Rarotonga, ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai Arr, AKASG Malin Array B.

UCR 07 05:10:46.2-1.2, 9.42N-84.58W, h15km, 4km, MW3.5, 3C-3D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JACO JACO, RITA Parrita, LANE Naranjito, LFFJ Finca La Fe, P, ARZA Esparza, ABEZ San Pablo, ABEZ La Lucha Z, SRA1 San Ramn, AMPA Desamparados, SJS3 Mercedes San J, HDC Heredia, LIR2 Rio Mitho, REPA Paraso, REPA Rivas, PEZE Perez Zeledon, COVE Volcan Irazu, RIFA San Rafael, V, JTS Las Juntas de, SOCE Pocosol, VERO Verbena, CASO Castillo, FORC Fortuna, CEDE Laguna Cedee, ITAL Pital, RVSTA Santa Teresita, TABAC Tabaco, DUNO Dulce Nombre, COTE Lago Cote, COTE Palmar Norte, RFLA Villa Bonita, LCOCC El Cocco, ORTG Ortega, Santa, ACAL Aguas Claras, ACAL Limonal, COVE Coope Vega, Sa, EDBA Buenos Aires, EDBA Buenos Aires, MOTZ Rio Naranjo, PTEN Parque Tenorio, CUI Cui, COLC Colonia, HATIL Hatillo, HORNO Hornillas, LIML Limonal, EDPZ Potrero Grande, MESS Mesas, MESS Mesas, VERA Finca Concepci, CLARA Aguas Claras, CANA Canalete, CANAL Borinquen Arri, VMAR Armenia, Volca, VMAR Armenia, Volca, VMAR Armenia, Volca, GFS3 Bodega del ICE, GFS1 Bodega de los Angeles, LAPC Finca La Perla, VORI VORI, EDOR Golfito, BUEV Buena Vista, GBSS Finca Las Img, GBSI Borinquen Arri, BUAI Buenos Aires, BRIBI Bribri.

GC 07 05:13:52.2-0.8, 26.48S:70.08W, h78km, 7km, ML3.5, SJA 07 05:13:52.4-1.7, 26.49S:69.97W, h50km, ML3.7, MW3.9, ISC 07 05:13:52.7-1.4, 26.48S:0.03-69.93W:0.08, h25km, 17km, n24, r12/31, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pan de Azucar, Mina Casimiro, Copiap, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yeonpyeongdo, Daechyeong-do R, Haeju, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GOM, AKS, MAINT, etc.

IDC 07 05:53:04.5-1.3, 5.5519N, 163.21E, h0km, mb3.6/4, mblmp3.6/5, ML2.7/1, MS3.1/1, Error ellipse: s-maj=155.7km s-min=19.4km az=148.0

SJA 07 06:12:09.0-6.2, 29.22S, 71.30W, h51km, 5km, ML3.4, MW3.6

DDA 07 06:21:48.7-0.0, 38.70N, 27.86E, h10km, 2km, ML3.7

KRSC 07 05:53:04.5-1.2, 5.5519N, 163.27E, h19km, 28km, ML4.1

GUC 07 06:12:10.8-0.8, 29.23S, 71.26W, h45km, 2km, ML3.2

ISK 07 06:21:48.4-0.8, 38.72N, 27.86E, h6km, ML3.7/49

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Las Campanas, La Serena, Llanos de Chal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Balikesir-Mer, Karaagac, Izmir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISP Isparta, FETY Fethiye, LIA Lemnos Island, etc.

IDC 07 06:42:45.7,0.7,40.14N:141.38E, h71km,7km, mb3.8/16, mbtmp4.1/18, MS3.0/5, Error ellipse: s-maj=16.5km s-min=12.4km az=94.0

JMA 07 06:42:46.7,0.1,40.2N:02:141.7E,0.3,h73km,MD3.9/40, MW4.0/40, NORTHERN IWATE PREF. JMA Fell II J1 at NORTHERN IWATE PREF.

NIED 07 06:42:46.7,0.1,40.19N:141.72E,h73km,MW4.0,Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm, Mw=1.33, Mb=0.7, Ms=0.47, Mo=0.27, Mks=0.33, Mkr=0.26; Fault plane solution: M1:23000x1015 NP1: 0.497.00000, 0.849.00000, 1.74.00000. NP2:0.41.00000, 0.44.00000, 1.107.00000.

ISC 07 06:42:45.9,0.6,40.18N:140.04E,116.6E,0.06,h72km,5km, n63, i=143/51, mb4.1/17, 2D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKEN Kujedanisaw, JANG Nango, JANG Nango, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like INK Inuvik, AKTO Aktyubinsk, WRA Warramunga Arr, etc.

IDC 07 06:47:42.2,0.6,13.67N:120.88E,h209km,3km, mb3.5/13, mbtmp4.1/13, Error ellipse: s-maj=22.6km s-min=13.7km az=66.0

NEIC 07 06:47:43.9,0.8,13.71N:0.03:120.8E,0.2,h209km,9km, mb4.3/31, Error ellipse: s-maj=23.2km s-min=4.7km az=93.0

ISC 07 06:47:42.3,0.6,13.67N:0.08:120.7E,0.1,h200km,n67, i=107/63, mb4.1/27, Azindoro

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TG Y Tagaytay City, TG Y Tagaytay City, YULB Yu-li, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES FINES Array B, JETT Jettan, KIF Kilsfjorden, etc.

IDC 07 07:05:19.6,0.7,14.81N:93.77W,h0km,mb4.0/15, mbtmp4.0/18, ML4.1/3, MS3.9/52, Error ellipse: s-maj=22.4km s-min=12.4km az=66.0

GCG 07 07:05:23.4,3.5,14.45N:94.06W,h29km,999km,MD4.6 MEX 07 07:05:26.0,3.5,14.38N:94.16W,h25km,22km,MD4.7 NEIC 07 07:05:26.3,2.5,14.85N:0.08:93.90W,0.07,h35km,10km, mb4.4/49, Md4.7/58(MEX), Error ellipse: s-maj=11.3km s-min=9.0km az=190.0

SNET 07 07:05:28.9,1.0,14.90N:93.63W,h73km,64km,ML4.7 ISC 07 07:05:25.2,2.4,14.81N:0.05:94.01W,0.04,h31km,18km, n210, i=188/197, mb4.3/22, MS4.0/53, 1D, Off coast of Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NILT Santiago Nite, TGIG Tiguan, TGIG Tiguan, etc.

7d 7h

2017 SEP

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Dulce Nombre, Las Juntas de, LCR2, RIMA, PEZE, etc.

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Mina Array Bea, NVAR, ULM, NEW, LPAZ, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like mbtmp4.27, MS3.72, Error ellipse, etc.

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

UUSS 07 07:26:11.6±1.5, 42°65'N, 0101°11'44'W, 0.02, h14km, 4km, Error ellipse: s-maj=2.4km s-min=1.3km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Grays Lake, Auburn Hatcher, etc.

UUSS 07 07:25:54.1±0.6, 42°65'N, 0101°11'47'W, 0.02, h6km, 1km, Error ellipse: s-maj=3.2km s-min=2.2km az=292.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Grays Lake, Auburn Hatcher, etc.

IDC 07 07:34:41.4±2.8, 53°58'N, 87°82'E, h0km, mbtmp3.2/2, ML2.7/2, Error ellipse: s-maj=24.1km s-min=16.3km az=62.0, Southwestern Siberia

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

IDC 07 07:40:01.0±4.2, 83°53'N, 157°70'E, h0km, mb3.8/3, mbtmp3.9/4, ML4.9/1, MS3.0/1, Error ellipse: s-maj=107.4km s-min=28.5km az=177.0, Bougainville-Solomon Islands region

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

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

SJA 07 08:05:53.9±0.7, 20°83'S, 69°18'W, h115km, 9km, ML4.2, MV4.0, GUC 07 08:05:54.9±0.6, 20°84'S, 69°11'W, h112km, 2km, ML4.0

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ, AC01, SIV, etc.

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

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

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

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

7d 8h

Table with columns: FUSB, Fushanzhiwuyua, 1.05 283, Pn, 08 42 24.1, 0.0, NMLH, suanz=259, 1.76 246, P, Pn, 08 42 54.3, -0.4, CRIN, San Cristobal, 1.20 88, Pn, 08 42 51.9, -0.7, AEL, Aeropuerto Ilo, 1.31 322, eP, Pn, 08 42 53.3, -0.8, AEL, Serv Nuc Est T, 1.38 318, Pn, 08 42 53.0, -0.6, SNET, Boqueron, 1.45 318, eP, Pn, 08 42 54.3, -1.5, BOQS, Boqueron, 1.55 318, eP, Pn, 08 42 54.9, -1.1, CNGN, Ciego Negro, 1.55 318, eP, Pn, 08 42 56.0, -1.4, CEDA, San Andres, 1.57 316, eP, Pn, 08 42 56.5, -1.0, TGUH, Tegucigalpa,Un, 1.70 35, Pn, 08 42 56.6, +0.3, MTO3, Montecristo, 2.02 329, Pn, 08 42 56.3, -0.6, ESQI, Esquipulas, 2.15 331, eP, Pn, 08 42 56.5, 0.0, ESQI, Esquipulas, 2.15 331, eP, Pn, 08 42 56.5, +0.1, MATN, Matagalpa, 2.21 331, eP, Pn, 08 42 56.3, -1.4, BOAB, BOACO BROADBAN, 56 94, Pn, 08 42 56.9, +1.5, NBG, Las Nubes, 2.77 314, iP, Pn, 08 42 56.0, +0.9, NBG, Las Nubes, 2.77 314, iP, Pn, 08 42 56.0, +0.9, PCG, Pacaya, 2.84 307, iP, Pn, 08 42 56.0, +0.9, FUG, Fuego 3, 3.06 306, iP, Pn, 08 42 56.0, +0.9, FUG, Fuego 3, 3.06 306, iP, Pn, 08 42 56.0, +0.9, ACON, Acopya, 3.11 102, Pn, 08 42 56.0, +0.9, GBS3, Finca Las Img, 3.34 124, eP, Pn, 08 42 56.0, +0.9, GB1A, Borinquen Arri, 3.36 123, eP, Pn, 08 42 56.0, +0.9, DUEV, Buena Vista, 3.57 123, eP, Pn, 08 42 56.0, +0.9, ALIBA, Liberia Airpor, 3.58 127, eP, Pn, 08 42 56.0, +0.9, BUAI, Buenos Aires, 3.59 121, eP, Pn, 08 42 56.0, +0.9, GPS1, Guardaparques, 3.43 123, eP, Pn, 08 42 56.0, +0.9, LIM1, Limonal, 3.55 123, eP, Pn, 08 42 56.0, +0.9, CLARA, Aguas Claras, 3.57 121, eP, Pn, 08 42 56.0, +0.9, MESS, Mesoamerica, 3.57 121, eP, Pn, 08 42 56.0, +0.9, ORTG, Ortega, Santa, 3.59 129, Pn, 08 42 56.0, +0.9, ORTG, Ortega, Santa, 3.59 129, Pn, 08 42 56.0, +0.9, SULM, Suchitepequez, 3.59 127, iP, Pn, 08 42 56.0, +0.9, VMAH, Armenia, Volca, 3.60 120, eP, Pn, 08 42 56.0, +0.9, CUI, Cutipapa, 3.64 123, eP, Pn, 08 42 56.0, +0.9, PLVR, Palo Verde, 3.68 128, eP, Pn, 08 42 56.0, +0.9, MOTZ, Rio Naranjo, 3.71 122, eP, Pn, 08 42 56.0, +0.9, DUNO, Dulce Nombre, 3.75 133, eP, Pn, 08 42 56.0, +0.9, ACAL, Aguas Claras, 3.76 122, eP, Pn, 08 42 56.0, +0.9, STG3, Santiagouto 3, 3.79 303, iP, Pn, 08 42 56.0, +0.9, STG3, Santiagouto 3, 3.79 303, iP, Pn, 08 42 56.0, +0.9, RTAL, Retalhuleu, 3.80 300, Pn, 08 42 56.0, +0.9, COTE, Lago Cote, 3.89 122, eP, Pn, 08 42 56.0, +0.9, ESPN, Las Esperanzas, 3.91 96, Pn, 08 42 56.0, +0.9, POPE, POPE, Guanacas, 3.93 131, eP, Pn, 08 42 56.0, +0.9, JTS, Las Juntas de, 4.02 126, Pn, 08 42 56.0, +0.9, JTS, Las Juntas de, 4.02 126, Pn, 08 42 56.0, +0.9, JTS, 8.2mm,0.2s,baz=94,slow=19,SNR=15, S, Pn, 08 44 16.7, -0.2, JTS, 23mm,0.3s,baz=327,slow=16,SNR=4.7, S, Pn, 08 43 30.0, +1.9, JUNT, Junta, 4.02 126, eP, Pn, 08 43 30.0, +1.9, HUEH, Huehuetenango, 4.09 311, Pn, 08 43 30.0, +1.9, MTEVE, Monteverde, 4.11 124, eP, Pn, 08 43 30.0, +1.9, CEDE, Laguna Cedeeo, 4.12 121, eP, Pn, 08 43 30.0, +1.9, CASO, Castillo, 4.12 122, eP, Pn, 08 43 30.0, +1.9, VACR, Volcan Arenal, 4.15 121, eP, Pn, 08 43 30.0, +1.9, SOCE, Pocosol, 4.24 122, Pn, 08 43 30.0, +1.9, CPMI, Catarata Coope, 4.49 121, eP, Pn, 08 43 30.0, +1.9, PETF, Flores, 4.50 340, Pn, 08 43 30.0, +1.9, SRA1, San Ramn, 4.52 124, eP, Pn, 08 43 30.0, +1.9, JACO, JACO, Garabito, 4.64 130, Pn, 08 43 30.0, +1.9, JACO, JACO, Garabito, 4.64 130, Pn, 08 43 30.0, +1.9, HDE, Heredia, 4.87 122, eP, Pn, 08 43 30.0, +1.9, RITA, Parrita, 4.98 128, eP, Pn, 08 43 30.0, +1.9, OCM, Ochomogo, 5.05 123, eP, Pn, 08 43 30.0, +1.9, LBR2, San Pablo, 5.08 125, eP, Pn, 08 43 30.0, +1.9, ACRZ, La Lucha 2, 5.10 124, Pn, 08 43 30.0, +1.9, LCR2, La Lucha 2, 5.10 124, Pn, 08 43 30.0, +1.9, RAZU, San Marcos de, 5.13 125, eP, Pn, 08 43 30.0, +1.9, LLNJ, Naranjito, 5.18 127, eP, Pn, 08 43 30.0, +1.9, RIMA, Rio Macho, 5.20 123, eP, Pn, 08 43 30.0, +1.9, RIMA, Rio Macho, 5.20 123, eP, Pn, 08 43 30.0, +1.9, CDM, Cerro de Muert, 5.40 124, eP, Pn, 08 43 30.0, +1.9, SICE, San Vito, 5.42 124, eP, Pn, 08 43 30.0, +1.9, EDDO, Dominical, 5.50 128, eP, Pn, 08 43 30.0, +1.9, PEZE, Perez Zeledon, 5.57 125, eP, Pn, 08 43 30.0, +1.9, PEZE, Perez Zeledon, 5.57 125, eP, Pn, 08 43 30.0, +1.9, BURE, Buenos Aires, 5.96 125, eP, Pn, 08 43 30.0, +1.9, EDBA, Buenos Aires, 6.02 125, eP, Pn, 08 43 30.0, +1.9, EDSV, San Vito, 6.46 126, eP, Pn, 08 43 30.0, +1.9, CTRC, Cotoano, 6.59 124, eP, Pn, 08 43 30.0, +1.9, CDITO, Canoas, 6.69 127, eP, Pn, 08 43 30.0, +1.9, BRU2, Volcan, 6.70 124, eP, Pn, 08 43 30.0, +1.9, TEIG, Tepich, 7.52 0, Pn, 08 43 30.0, +1.9, TEIG, Tepich, 7.52 0, Pn, 08 43 30.0, +1.9, TEIG, 68mm,0.8s,baz=315,slow=5.7,SNR=51, S, Pn, 08 45 40.5, -2.3, TEIG, 115mm,0.7s,baz=342,slow=20,SNR=1.2, S, Pn, 08 45 40.5, -2.3, TEIG, comp=Z,21.6s,baz=348,slow=43, LR, Pn, 08 47 50.1, CMIG, Matias Romero, 7.75 305, P, Pn, 08 44 23.1, +0.9, CMIG, 13mm,0.7s,baz=114,slow=10,SNR=12, S, Pn, 08 45 47.2, -1.4, CMIG, 17mm,0.4s,baz=39,slow=12,SNR=4.8, S, Pn, 08 45 47.2, -1.4, SOR, Soroa, 11.25 26, Pn, 08 45 10.1, +0.1, ROSC, El Rosal, 15.83 118, LR, Pn, 08 51 49.6, HBVL, Hebronville, 17.33 327, P, Pn, 08 46 32.0, +1.5, HBVL, Hebronville, 17.33 327, P, Pn, 08 46 32.0, +1.5, SDV, Santo Domingo, 17.73 100, LR, Pn, 08 53 59.3, SDV, comp=Z,226mm,18.2s,baz=288,slow=39, LR, Pn, 08 53 59.3, 451A, Vernon, 18.02, 7, P, Pn, 08 46 40.0, +1.8, 346A, Big Creek Wild, 18.67 357, P, Pn, 08 46 46.6, +0.6, 346A, Big Creek Wild, 18.67 357, P, Pn, 08 46 46.6, +0.6, 833A, Chaparral WMA, 18.72 328, P, Pn, 08 46 46.3, -0.4, 833A, Chaparral WMA, 18.72 328, P, Pn, 08 46 46.3, -0.4, 833A, comp=Z,28mm,0.8s, Chaparral WMA, 18.72 328, P, Pn, 08 46 46.7, -0.1, 352A, Blakely, 18.98 9, P, Pn, 08 46 51.1, +1.3, 352A, Blakely, 18.98 9, P, Pn, 08 46 51.1, +1.3, TIGA, Tifton, 19.18 12, P, Pn, 08 46 53.5, +1.3, TIGA, comp=Z,67mm,0.9s, Tifton, 19.18 12, P, Pn, 08 46 53.5, +1.3, VBMS, Vicksburg, 19.57 354, P, Pn, 08 46 57.8, +1.0, VBMS, Vicksburg, 19.57 354, P, Pn, 08 46 57.7, +0.9, HND0, Hondo, 19.65 330, P, Pn, 08 46 56.6, +0.7, HND0, Hondo, 19.65 330, P, Pn, 08 46 56.6, +0.7, MASBT, Mashibuloo, 2.70 225, P, Pn, 08 42 45.7, +0.6, MASBT, Mashibuloo, 2.70 225, P, Pn, 08 42 45.7, +0.6, 152A, Hazlehurst, 20.18 9, P, Pn, 08 47 03.2, -0.8, 152A, Waverly Hall, 20.18 9, P, Pn, 08 47 03.2, -0.8, DRIO, Del Rio, 20.24 327, P, Pn, 08 47 02.0, -0.3, DRIO, Del Rio, 20.24 327, P, Pn, 08 47 02.0, -0.3, LRAL, Lakeview Retre, 20.31 3, P, Pn, 08 47 04.3, +1.2, LRAL, Lakeview Retre, 20.31 3, P, Pn, 08 47 05.1, -0.5, Z47A, Carrollton, 20.44 1, P, Pn, 08 47 04.5, 0.0, Z47A, Carrollton, 20.44 1, P, Pn, 08 47 04.5, 0.0, JCT, Junction City, 20.69 331, P, Pn, 08 47 06.5, -0.7, JCT, Junction City, 20.69 331, P, Pn, 08 47 06.5, -0.7, Z51A, Franklin, 20.75 7, P, Pn, 08 47 09.3, +1.4, Z51A, Franklin, 20.75 7, P, Pn, 08 47 09.3, +1.4, BRDY, Brady, 21.00 334, P, Pn, 08 47 10.7, 0.0, BRDY, Brady, 21.00 334, P, Pn, 08 47 10.7, 0.0, WHTX, Lake Whitney, 21.01 338, P, Pn, 08 47 10.4, -0.2, WHTX, Lake Whitney, 21.01 338, P, Pn, 08 47 10.4, -0.2, WHTX, Lake Whitney, 21.01 338, P, Pn, 08 47 10.9, +0.3, WHTX, Lake Whitney, 21.01 338, P, Pn, 08 47 10.9, +0.3, GOGA, Godfrey, 21.12 11, P, Pn, 08 47 13.1, +1.3, GOGA, Godfrey, 21.12 11, P, Pn, 08 47 13.1, +1.3, GOGA, comp=Z,26mm,0.7s, Godfrey, 21.12 11, P, Pn, 08 47 14.0, +2.2, Y45A, Yeager Farm, C, 21.14 357, P, Pn, 08 47 13.4, +1.4, Y45A, Yeager Farm, C, 21.14 357, P, Pn, 08 47 13.4, +1.4, Y49A, Blount Mountai, 21.17 4, P, Pn, 08 47 13.6, +1.2, WLAR, White Oak Lake, 21.39 349, P, Pn, 08 47 16.3, +1.7, WLAR, White Oak Lake, 21.39 349, P, Pn, 08 47 16.3, +1.7, Y52A, Lilburn, 21.45 10, P, Pn, 08 47 16.7, +1.3, SAND, Sanderson, 21.47 325, P, Pn, 08 47 15.3, -0.3, SAND, Sanderson, 21.47 325, P, Pn, 08 47 15.3, -0.3

2017 SEP

IDC 07 08:42:31.9, 1.2, 83N, 88:05W, h57km, 14km, mb4, 1/14, mtdmp4, 4/16, MS3, 0/39, Error ellipse: s-maj=26.6km, s-min=10.2km az=54.0, SNET 07 08:42:33.2, 1.9, 12:78N, 88:35W, h29km, ML4.8, NEIC 07 08:42:33.2, 1.9, 12:69N, 0:08:88:21W, 0:07, h62km, 10km, mb4, 7/66, Error ellipse: s-maj=12.7km s-min=7.4km, az=217.0, GCG 07 08:42:35.7, 1.5, 12:82N, 88:46W, h50km, 861km, MD4.5, ISC 07 08:42:31.9, 0.9, 12:66N, 0:05:88:28W, 0:04, h58km, 6km, n381, 0:19:08/357, mb4, 7/37, MS3, 8/40, Off coast of Central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, Pn, 08 42 44.9, -1.4, ALJI, Alcalda de J, 0.72 337, eP, Pn, 08 42 56.1, -0.7, ALJI, Alcalda de J, 0.72 337, eP, Pn, 08 42 56.1, -0.7, CNCH, Conchagua, 0.75 35, eP, Pn, 08 42 45.9, -0.8, CNRM, Centro Nacional, 0.81 7, eP, Pn, 08 42 46.8, -0.7, CNRM, Centro Nacional, 0.81 7, eP, Pn, 08 42 46.8, -0.7, FAGO, Alcalda de S, 1.04 9, eP, Pn, 08 42 50.0, -0.3, FAGO, Alcalda de S, 1.04 9, eP, Pn, 08 42 50.0, -0.3

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like SAND, OZNA, X48A, OXF, TX32, TXAR, FPAL, ATAH, X40A, MIAR, UALR, ABTX, JSC, SGCV, W50A, ALPN, LNDK, BG3, WHAR, CPCT, KMSC, TKL, TKL, SLBS, PCRV, WVT, 425A, U49A, V55A, WMOK, TUL3, TZTN, U38A, T50A, U54A, MNTX, OK051, MSTX, S51A, AMTX, ELIS, CCM, WCI, 121A, Y22D, Y22F, P52A, Q56A, ANMO, ANMO, ANMO, HDIL, ACSSO, ACSSO, ACSSO, CBKS, O53A, KSCO, SSPA, SDCO, SDCO, SCIA, S22A, JFW5, ERVA, MPAC, WUAZ, PAL, ISCO, ETMB, ECSD, PDMCI, N23A, BC3.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like O20A, SPMN, SAML, SAMS, PFO, GMRC, K22A, RSSD, TPNV, LPAZ, LPAZ, MPMC, BW06, BW06, PDAR, PDAR, PDAR, R11B, EYMN, PB16, MDP, AGMN, VES, DSP, MDND, MOOV, NV11, H17A, RLMT, RLMT, RLWY, NVAR, NVAR, NVAR, LAO, LAO, LAO, VILB, ULM, ULM, DGMT, HLID, BOZ, BOZ, SIV, CLDB, LVC, PTLB, MSO, BBSD, YBH, NEW, RPN, SCHO, SCHO, ARAG, AODB, H03N, H03N1, H03N2, H03N3, AMBA, BDFB, CPUP, CPUP, BBB, FRB, YKA, YKA, KOTAN, V35K, LIRD, T35M, DLBC, DLBC, S34M, PLCA, TOYE, WATU, R33M, Q32M, TGTN, P33M, N32M, MIMP, MIMP, M30N.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like P29M, N31M, SFJD, N30M, YUK6, M30M, MAYO, O28M, M29M, L29M, J30M, K29M, H31M, CTG, I30M, RES, G31M, DAWY, F31M, M27K, I29M, EPYK, L27K, INUK, INK, G30M, BMRM, F30M, H29M, N25K, K27K, G29M, EYAK, KLU, I27K, SCRR, J26L, J26L, H27K, I26K, F28M, G27K, E28M, J25K, WAT6, PMOR, PMR, G26K, HDA, ILAR, ILAR, D27M, F26K, POKR, COLA, MCK, SUA, G25K, F25K, NEA2, H24K, TRF, SKT, G24K, I23K, BPAW, H23K, MLY, CAST, M20K, D25K, G23K, PPT, PPT2, PPT2, H22K, I21K, E23K, K20K, J20K, O17K, F22K, I20K, G21K.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like F21K Alatna River, O16K Kokwok River B, H19K Roundabout Mou, etc.

TAP 07 08:57:17.2, 24.75N, 122.65E, h104km, ML3.7, C
JMA 07 08:57:17.9, 0.2, 25.1N, 122.6E, 0.4, h100km, 7tkm,
MV2.8/15, NW OFF ISHIGAKIJIMA IS
ISC 07 08:57:18.7+1.3, 24.88N, 0.04, 122.62E, 0.02, h96km, 7km,
n109, a0599/192, 1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, YJNG Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ETLH baz=238, NSK Sanguang, NSK baz=271, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHKT baz=211, WCHH Zhanguhua, WCHH baz=251, etc.



Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV, MK31, MKAR, PPLA, KURK, KURBB, BPAW, PMR, TRF, ILAR, KKAR, BVAR, ABKAR, ARU, AKTO, PINE, NVAR, ARCES, ELMT, FINES, NOA, TORD, LPAZ.

SDD 07 09:15:45.3.2.3, 18.73N, 70.18W, h89km, 13km, MD3.2, ML3.0
SSNC 07 09:15:47.8.9.5, 17.18N, 71.89W, h5km, MD3.8, ML3.5, MW1.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SDD, NADR, SC01, MIDR, SDDR, PODR, REDR, LUDR, HIDR, JIDR, PCDR, MCDR, MASC, GTBY, RCC.

IDC 07 09:28:19.1.2.3, 6.92S, 128.99E, h0km, mb3.4/1, mbtmp3.6/3, ML3.8/2, MS2.9/1, Error ellipse: s-maj=142.7km s-min=32.2km az=67.0, Banda Sea

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

IDC 07 09:29:10.2.1.5, 0.08S, 29.94E, h0km, mb3.9/4, mbtmp3.9/5, ML3.7/1, Error ellipse: s-maj=46.8km s-min=10.6km az=37.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MBAR, NAKD, ENT, LODK, KMBO, TORD, ARCES, SONM.

IDC 07 09:33:10.6.0.8, 17.55S, 177.96E, h538km, 13km, mb2.8/3, mbtmp3.8/3, Error ellipse: s-maj=113.9km s-min=8.5km az=156.0, Fiji Islands

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

KRNET 07 09:39:07.1.0.1, 41.17N, 69.60E, mb2.8, NNC 07 09:39:08.8.3.9, 40.72N, 70.13E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=28.3km s-min=15.3km az=36.0

SOME 07 09:39:12.7.4, 1.08N, 70.90E, h0km, ISC 07 09:39:13.0.1.3, 41.02N, 0.04.67.4E, h10km, n15, c252/23, 15C-2D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IUG, BTk, ARK, GAR, KK31, KKAR, OHH, MNAS, MRKS, MRKS, AML, TKM2, KST, KRBS, KRBS.

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

IDC 07 10:22:08.0.2.4, 6.75S, 129.77E, h0km, mb3.5/1, mbtmp3.3/3, ML3.4/2, Error ellipse: s-maj=137.9km s-min=33.4km az=69.0, Banda Sea

PFE 07 10:22:56.1.1.1, 26.35S, 28.58E, h2km, ML2.2, EAF 07 10:22:58.7.2, 26.20S, 28.80E, h10km, MC3.5, BUL 07 10:22:59.9.1.2, 26.18S, 28.75E, h10km, MD3.6, ISC 07 10:22:57.1.1.5, 26.23S, 0.04.28.69E, 0.03, h9km, n11km, n24, c221/42, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, MKAR, SILVERTON, CAROLINA, KOSTER, PILGRIMS, POGA, LBOT, MOPANI, BOSHO, MUSINA, MATP, BRAK, ROOI, GRAN, FRAZ.

IDC 07 10:30:47.5.1.6, 20.65S, 68.68W, h0km, mb3.3/2, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=54.8km s-min=42.9km az=81.0

SJA 07 10:30:58.0.0.6, 19.69S, 69.46W, h100km, 3km, ML3.6, W3.7

GUC 07 10:30:59.8.0.6, 19.68S, 69.43W, h91km, 3km, ML3.4, ISC 07 10:30:59.1.0.9, 19.71S, 0.03.69.45W, 0.05, h97km, 6km, n39, c110/56, 3C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GO01, PB08, PB08, TA02, TA02, TA01, PATCX, PATCX, PATCX, PATCX.

7d 11h

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

JMA 07 10:57:30.5, 0.4, 1.9N, 0.7x14.5E, h18km, MV3.6/26, SE OFF TOKAKHI

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

ISC 07 11:09:37.0, 1.9, 23.79N, 94.38E, h0km, mb3.4/3, mbtmp3.3/4, ML3.5/1, MS3.4/2, Error ellipse:

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

2017 SEP

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

ISC 07 11:10:14.9, 0.4, 37.42N, 0.04:71.71E, 0.04, h180km, n120, c249/138, mb4.1/20, 22C-7D, Afghanistan-Tajikistan border region

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

ISC 07 11:13:06.0, 0.9, 26.93S, 0.04:26.33E, 0.06, h5km, n16, c172/30, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GYA0, ALIBECK, AJM, etc.

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

PRE 07 11:13:04.9, 1.0, 26.88S, 26.35E, h2km, ML2.2 EAF 07 11:13:08.8, 27.06S, 26.39E, h10km, MC3.6

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

Table with columns: FRAZ, MATP, MAMP, HGSZ, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error.

NIED 07 11:14:49.8, 24:07'N; 122:31'E, h43km, MW3.7, Moment Tensor Solution... s2 Moment tensor: Scale 10^14 Nm; Mm:2.98; Mss:2.25; Mtt:2.73; Mss:1.66; Mss:2.68; Fault plane solution: Mo:4.61000x10^14 NP1: o1:173.00000, s67.00000, l56.00000. NP2: o1:53.00000, s41.00000, l143.00000.

JMA 07 11:14:49.8, 0.1, 24:11'N, 122:31'E, h43km, 2km, MW3.9/18, TAIWAN REGION

ASIES 07 11:14:50.1, 24:14'N, 122:31'E, h49km, ML4.2, Mw3.8, Moment Tensor Solution... Moment tensor: Scale 10^21 Nm; Mm:5.55; Mss:5.69; Mtt:0.14; Mss:0.6; Mss:0.59; Mss:2.34; Fault plane solution: Mo:6.84069x10^21 NP1: o1:105.18000, s61.75000, l110.89000. NP2: o1:246.29000, s34.62000, l56.43000. Principal axes: T Plg66.4380, Azm54.2880; N Plg18.3100.

TAP 07 11:14:50.3, 1.1, 24:15'N, 122:31'E, h49km, ML4.2, B ISC 07 11:14:50.3, 1.1, 24:11'N, 122:32'E, h46km, 6km, n182, o1:15/327, 32C-28D, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error.

Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error.

Main station list table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error.

7d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like WRL, WTK, CHY, etc.

2017 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like TNTI, LAMI, SANSI, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like L17A, BMUT, MLI, etc.

NEIC 07 11:41:47.1±1.5, 0.63N; 0.08; 126; 13E; 0.02, h10km, 6km, mb4.5/22, Error ellipse: s-maj=12.1km s-min=2.5km az=185.0

IDC 07 12:13:37.9±0.7, 42°60'N; 111°52'W, h0km, mb3.2/1, mbmp3.5/8, ML3.1/6, MS3.2/8, Error ellipse: s-maj=11.7km s-min=5.3km az=164.0

NEIC 07 11:41:46.5±0.5, 0.62N; 0.05; 126; 13E; 0.05, h10km, n62, 1548/66, mb4.4/23, MS3.0/3, Northern Molucca Sea



Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like TAVA, PASA, ASGA, MVOU, DALY, KULU, YAYL, KARAI, CMRD, YERK, TURU, ARG, KULA, RFTC, BRTR, MMAI, AKASG, FINES, ARCES.

NOU 07 13:04:59.9, 16:75S:168:53E, h0km, MLV4.3/14, Vanuatu Islands

NEIC 07 13:05:06.1, 16:92S:0:07:168:5E:0:2, h39km:22km, mb4.0/6, Error ellipse: s-maj=30.6km s-min=3.2km az=107.0

IDC 07 13:05:08.5, 14.0, 17:11S:167:46E, h0km, mb4.0/3, mbmp4.0/4, ML3.8/1, MS3.4/10, Error ellipse: s-maj=242.3km s-min=40.5km az=71.0

ISC 07 13:05:05.7, 2.6, 17:0S:0:2:168:4E:0:2, h35km, n37, +16/27, mb4.1/6, MS3.5/10, Vanuatu Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like DVP, LIFNC, LIFNC, MARNC, YATNC, KOUNC, KOUNC, DZM, DZM, DZM, DZM, DZM, NOUC, OUENC, OUENC, ONTNC, ONTNC, HNR, CTA, URZ, CAN, CAN, STKA, STKA, STKA, WR0, WR0, WR0, WR0, AS31, AS31, ASAR, ASAR, SIJ, PPT2, PPT2, PETK, PETK, KLR, MA2, YBH.

UUSS 07 13:09:28.4, 1.6, 42:57N:0:01:11:41W:0:02, h7km:6km, Error ellipse: s-maj=2.8km s-min=1.1km az=125.0

NEIC 07 13:09:27.7, 1.4, 42:57N:0:01:11:37W:0:04, h9km:11km, ML2.7/80, ML2.8/13(UUSS), Error ellipse: s-maj=4.1km s-min=1.7km az=102.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like AHID, GRI, ECR, BEI, MLI, HDU, REDW, PPT, HWUT, FXWY, LTV, MOOW, MOOW, HVU, HVU, BW06.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like BW06, PD31, PDAR, IMW, TCUT, SPUT, SPUT, CTU, CTU, CTU, H17A, H17A, H17A, YFT, YFT, YFT, YFT, BGU, BGU, BSUT, LKWW, LKWW, YNR, YHH, QHLT, QHLT, YHL, YHL, BCYI, YMP, RDMU, RDMU, HLID, HLID, HLID, MCMT, MPU, MPU, DUG, DUG, DUG, YNE, NLU, DLMT, DLMT, BOZ, P18A, P18A, P18A, RWWY, RWWY, RWWY, TMUT, TMUT, MFID, SRU, SRU, K22A, K22A, K22A, ELMT, PLID, PLID, PLID, N23A, NSUT, HMU, J08A.

REN 07 13:09:54.5, 1.5, 40:77N:0:04:115:98W:0:06, h1km:7km, ML2.5/8, ML2.6/58(NEIC), Error ellipse: s-maj=7.0km s-min=6.1km az=58.0

NEIC 07 13:09:54.2, 0.9, 40:83N:0:04:116:00W:0:06, h5km:2km, Error ellipse: s-maj=7.4km s-min=6.8km az=249.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like ELK, ELK, ELK, ELK, BMN, Q09A, Q09A, Q09A, SPR3, SPR3, KVN, WVOR, WVOR, WVOR, PAHR, TPH, NV11, HLID, NVAR, YERR, YERR, S11A, LHV, PRN, PRN, GMN, GMN, HMB.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like EMB, DSP, DSP, CCUT, CCUT, CCUT, TPNV, TPNV, TPNV, WCT, WCT, WCT, BMO, BMO, BMO, KNB, KNB, KNB, SRU, GWY.

BEO 07 13:32:37.2, 0.5, 43:83N:17:08E, h0km:3km, ML2.6/11, RHSSO 07 13:32:38.6, 0.2, 43:84N:17:25E, h4km:1km, ML2.7/22, PDG 07 13:32:43.2, 0.1, 43:53N:17:48E, h10km, ML2.6/7, Error ellipse: s-maj=0.7km s-min=1.9km az=0.0

ISC 07 13:32:36.8, 1.1, 43:78N:0:02:17:22E:0.02, h4km:9km, n78, +19/126, 12C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like RIC, SRKY, MAK, MAK, KJV, KJV, MGRS, MGRS, NEVS, NEVS, NEVS, NEVS, A050A, A050A, STON, STON, STON, STON, BLY, BLY, BLY, LSTV, MORI, ZIR, ZIR, DOB, DOB, PRIJ, PRIJ, KNYS, KNYS, UDBI, UDBI, DBR, DBR, TREB, TREB, TREB, TREB, UPM, UPM, A251A, RUDD, RUDD, RUDD, RUDD, DUG, DUG, BBL, BBL, BBL, BBL, PLIT, PLIT, HCY, HCY, HCY, VIR, CEME, CEME, TEKS, TEKS, A254A, BVLJ, BVLJ, RBC, PDG, PDG, PDG, PDG, DIVS, DIVS, DIVS, DIVS, SJS, SJS, SJS, SJS, A250A, IVAS, DRME, DRME, DRME, DRME, IVA, OZLJ, BOJ, BOJ, BOJ, FRGS, FRGS, TRUS, TRUS, ULC, ULC, CRES, KALN, GRUS, GRUS, MORH, BRJN, CEY, CEY, SKDS, SKDS, SOKA, SOKA, OBIR.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBKA Obir, ARSA Arzberg, ARSA Arzberg, RONA Rosalia, etc.

KRSC 07 13:50:10.4:2.1, 58.95N x 158.25E, h15km, 21km, MI3.7, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PALN Palana, PALN Paln, OCSR Ossora, etc.

IDC 07 14:06:17.3:9.9, 30.25S x 178.96W, h391km, 103km, mb2.6/2, mbmp3.6/3, Error ellipse: s-maj=103.0km s-min=54.1km, az=15.0, Kermadec Islands

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

EAF 07 14:10:40.9, 26.79S x 29.65E, h10km, MC3.6 BUL 07 14:10:45.5:2.1, 26.74S x 29.48E, h10km, 33km, MD3.8, South Africa

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

DJA 07 14:16:14.9:0.3, 3°N x 9°7E, h48km, 11km, M4.5/10, mb5.1/2, MLV4.2/10

IDC 07 14:16:17.9:12.0, 3.1, 43N x 97.14E, h126km, 108km, mb3.5/9, mbmp3.9/10, ML4.3/1, MS2.7/2, Error ellipse: s-maj=89.6km s-min=14.2km, az=58.0

ISC 07 14:16:12.6:0.7, 3.38N x 106.97°E, h172km, n32, c=150/21, mb3.8/9, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KCSI Kotacane, KCSI Kotacane, MLSI Meulaboh, etc.

H0S2 Diego Garcia H 26.94 246 T T 14 48 40.3

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H0S2 Diego Garcia, H0S3 Diego Garcia, H0S1 Diego Garcia, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H0A3 CROZET ISLANDS, H0A41 CROZET ISLANDS, H0A35 CROZET ISLANDS, etc.

CNR 07 14:17:24.6, 35.58N x 3.71W, h23km, ml1.7 SFS 07 14:17:24.5, 35.46N x 3.80W, h59km, ML2.3/5, ML2.5/5, MLV2.2/5

MDD 07 14:17:25.2:0.6, 35.54N x 3.75W, h25km, 5km, mb\_Lg2.1/6, Error ellipse: s-maj=4.2km s-min=3.7km, az=145.0

ISC 07 14:17:23.0:1, 3, 35.60N x 0.02, 3.72W, h103km, 10km, n20, c=975/36, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PALE Palemas, PALE Palemas, PEAN Pean de, etc.

JMA 07 14:28:31.1:0.7, 45°N x 15°0E, h30km, MV3.8/12, SE OFF ETOROFU

SKHL 07 14:28:33.5:0.2, 44.90N x 149.60E, h47km, 6km, mb4.3/4

ISC 07 14:28:30.6:4.1, 44.89N x 0.10, 149.8E, h35km, n15, c=184/28, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

IDC 07 14:31:58.9:1.5, 25.10N x 90.21E, h0km, mb3.8/7, mbmp3.8/8, ML4.0/1, MS3.1/3, Error ellipse: s-maj=51.3km s-min=13.3km, az=65.0

NDI 07 14:31:59.2:2.8, 25.18N x 90.10E, h8km, 9km, ML4.0, mb4.4(NEIC)

DMN 07 14:31:59.4:0.3, 24.65N x 89.95E, h10km, ML4.7/7, Error ellipse: s-maj=18.1km s-min=6.2km, az=35.0

NEIC 07 14:32:03.6:2.2, 25.28N x 0.09, 90.2E, h1, h37km, 8km, mb4.1/9, Error ellipse: s-maj=14.7km s-min=12.9km, az=70.0

ISC 07 14:31:58.6:1.2, 25.15N x 0.03, 90.12E, h7km, 9km, n60, c=200/78, mb3.9/9, MS3.8/3, India-Bangladesh border region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SLGI Shiliguri, SLGI Shiliguri, SHBG Sahibganj, etc.

RAMN Ramite 3.64 300 ePn Pn 14 32 56.7 +1.1

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SAIH SAIHA, SAIH SAIHA, BOK Bokaro, etc.

PZH Panzhihua 10.56 80 P Pn 14 34 33.6 +3.0

THW Thame Wat 17.78 300 P Pn 14 36 04.7 -2.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like THW Thame Wat, KSH Kashi, WMQ Wumqi, etc.

IDC 07 14:36:52.4:0.9, 22.19S x 68.12W, h106km, 17km, mb3.5/2, mbmp4.0/4, Error ellipse: s-maj=48.5km s-min=24.9km, az=128.0

GUC 07 14:36:53.0:0.8, 21.97S x 68.67W, h120km, 4km, ML3.8

SJA 07 14:36:53.1:2.2, 21.97S x 68.54W, h100km, ML3.5, IUV3.7

VAO 07 14:36:55.9:0.7, 21.90S x 68.33W, h70km, 20km, mb4.0

ISC 07 14:36:52.5:0.8, 21.98S x 0.03, 68.5W, h129km, 6km, n48, c=102/80, 7C-5D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB06, PB07, PB08, etc.

NEIC 07 15:01:53.71, 7.53, 41N, 0.04, 165.69W, 0.06, h38km, 15km, mb3.7/20, ML3.8/14, ML3.7(AEIC), Error ellipse: s-maj=6.5km, s-min=4.9km, az=148.0

AEIC 07 15:01:53.9, 2.7, 53.44N, 0.04, 165.79W, 0.06, h38km, 8km, Error ellipse: s-maj=6.7km, s-min=4.5km, az=149.0

IDC 07 15:01:56.9, 3.9, 53.77N, 165.90W, h58km, 35km, mb3.5/13, mbmp3.7/15, ML3.3/2, MS3.1/7, Error ellipse: s-maj=36.1km, s-min=17.1km, az=5.0

ISC 07 15:01:53.5, 1.2, 53.45N, 0.08, 165.64W, 0.04, h46km, 10km, n147, r129/149, mb3.8/13, MS2.9/5, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like UNV, AKBA, ZRO, AHB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MNAT, AKGG, MTBL, MGOD, etc.

ILAR comp=E, 63nm, 18.5s, baz=145, slow=39 s-maj=3.3nm, 0.7s

GRNC Granite Creek, 14.82 51 Pn Pn 15 05 19.1 -1.0

BCAR Beaver Creek A, 15.72 43 Pn Pn 15 05 30.2 -1.3

M29M Somme Creek, 16.88 47 Iamb Iamb 15 05 44.4 -1.9

DAWY Dawson, 17.13 41 Pn Pn 15 05 47.7 -1.5

M31M Drury Creek, Y, 18.63 50 P P 15 06 08.2 +0.6

I30M Mount Dempster, 18.80 40 P P 15 06 08.2 -1.5

G30M Taoh Zrail Nji, 19.66 35 P Iamb Iamb 15 06 17.4 -2.4

H31M Peel River, 19.81 39 P P 15 06 20.1 -1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PEA0B, PETK, SEY, MA2, etc.

EAJ 07 15:11:51.8, 26.18S, 30.32E, h10km, MC3.5 BUL 07 15:11:54.3, 1.5, 26.08S, 30.07E, h10km, MD3.7, South Africa

IDC 07 15:17:53.8, 2.9, 16.77N, 100.02W, h0km, mb3.7/4, mbmp3.5/6, ML3.5/2, MS3.7/2, Error ellipse: s-maj=63.5km s-min=23.9km, az=27.0

MEX 07 15:17:57.4, 0.7, 16.79N, 100.07W, h5km, MD4.3 ISC 07 15:17:55.3, 1.1, 16.74N, 0.05, 100.08W, 0.03, h18km, 5km, n35, r203/53, mb3.6/4, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ACP2, VNTA, DAIG, etc.



Table with columns: PEIG, PUERTO ESCONDI, TPIG, TOXPALAN, etc. Includes station names, coordinates, and various parameters.

IDC 07 15:27:37.7, 1.8, 3.41N, 122.81E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=212.0km s-min=26.5km az=62.0, Celebes Sea

Table with columns: WRA, ASAR, MKAR, etc. Includes station names, coordinates, and various parameters.

IDC 07 15:33:06.7, 25.0, 15.60N, 41.49E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=546.7km s-min=289.2km az=67.0

IDC 07 15:33:06.3, 1.2, 14.64N, 0.008, 42.3E, 0.2, h10km, time, e083.9, mb3.8/3, Western Arabian Peninsula

Table with columns: TEND, ATT, MKAR, ZALV, SONM, etc. Includes station names, coordinates, and various parameters.

AEIC 07 15:42:09.1, 1.2, 53.44N, 0.04, 165.80W, 0.07, h40km, 9km, Error ellipse: s-maj=7.7km s-min=4.7km az=140.0

NEIC 07 15:42:09.6, 1.3, 53.45N, 0.04, 165.78W, 0.07, h4km, 12km, mb3.7/3, ML3.3/8, ML3.2(AEIC), Error ellipse: s-maj=7.6km s-min=4.3km az=133.0

IDC 07 15:42:08.4, 1.5, 40.00N, 0.08, 165.70W, 0.05, h42km, 27km, n53, e121/67, Fox Islands

Table with columns: UNV, ZRO, AKBBA, AKKMA, etc. Includes station names, coordinates, and various parameters.

Table with columns: SDPT, SN, SN, SN, etc. Includes station names, coordinates, and various parameters.

PGC 07 15:44:10.7, 1.1, 58.89N, 137.25W, h5km, ML2.1/14, 118km west of Haines, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: P2M, P29M, BESE, etc. Includes station names, coordinates, and various parameters.

IDC 07 16:15:47.0, 1.1, 6.74N, 73.06W, h158km, 12km, mb3.2/3, mbtmp3.8/6, MS3.7/1, Error ellipse: s-maj=31.5km s-min=13.9km az=130.0

IDC 07 16:15:46.9, 0.8, 6.9N, 73.1E, 0.1, 713.1W, 0.1, h150km, n10, e1501/11, mb3.2/3, Northern Colombia

Table with columns: ROSC, ROSC, SDV, etc. Includes station names, coordinates, and various parameters.

IDC 07 16:15:52.3, 15.0, 22.01N, 142.42E, h329km, 130km, mb3.0/3, mbtmp3.6/4, Error ellipse: s-maj=223.0km s-min=21.7km az=79.0, Volcano Islands region

IDC 07 16:15:52.3, 15.0, 22.01N, 142.42E, h329km, 130km, mb3.0/3, mbtmp3.6/4, Error ellipse: s-maj=223.0km s-min=21.7km az=79.0, Volcano Islands region

Table with columns: KRSR, WRA, BVAR, FINES, etc. Includes station names, coordinates, and various parameters.

NIED 07 16:24:34.8, 26.00N, 125.01E, h130km, MW4.1, Moment Tensor solution, s3 Moment tensor: Scale 10^15Nm; Mn=0.29; Mw=0.51; Ms=0.23; Me=0.58; Mx=0.67; My=1.28; Fault plane solution: M1: 61.000x10^15 NP1: 0.204, 0.00000, 884, 0.00000, 1.64, 0.00000, NP2: 0.101, 0.00000, 827, 0.00000, 1.66, 0.00000.

JMA 07 16:24:34.8, 0.2, 26.0N, 125.01E, h130km, MD4.1/27, MW4.2/27, NW OFF MIYAKOJIMA ISLAND

NEIC 07 16:24:34.8, 2.3, 25.85N, 109.125, 08E, 0.07, h138km, 7km, mb4.3/4, Error ellipse: s-maj=13.7km s-min=7.4km az=156.0

IDC 07 16:24:35.7, 0.8, 25.99N, 125.12E, h153km, 7km, mb3.7/13, mbtmp4.1/16, Error ellipse: s-maj=18.5km s-min=11.5km az=65.0

IDC 07 16:24:35.0, 0.5, 25.86N, 105.125, 11E, 0.04, h152km, 4km, h152km, pP, n138, e163/172, mb4.2/33, 2C, Southwestern Ryukyu Islands

Table with columns: JIKM, JIKM, JIRB, etc. Includes station names, coordinates, and various parameters.

Large table with columns: JTJ, JISG, JISG, etc. Includes station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, WB2, WR0, KKAR, KKAR, GARR, CHGR, KBL, AS31, ASAR, ASAR, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TPGR, LEO, LEO, LEO, LOT, LOT, ICOR, Ion Corvin, TLR, TLR, TIRR, TIRR, BURAR, Burucovina Array, MLLM, Milestii Mici, SZH, SZH, GZR, GZR, MARR, Marisel-Cluj, PVP, Pavlikeni, DRGP, DRGP, MPEL, Malo Peshtene, SORM, SORM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I30M, Mount Dempster, PDAR, Pinedale Array, TXAR, Lajitas Array, NB2, NORSAR Subarra, NOA, NORSAR Array B, WRA, Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ABKAR, ABKAR, ABKAR, ARTI, ARTI, GEYT, Alibeck, GEYT, GEYT.

IDC 07 16:56:26.7, 1.8, 32.32N; 141.97E, h0km, mb3.7/5, mbtmp3.6/7, ML3.2/2, MS2.5/2, Error ellipse: s-maj=56.3km s-min=19.2km az=69.0

IDC 07 17:10:10.1, 3.2, 3.21N; 127.60E, h0km, mb3.9/3, mbtmp3.9/3, MS4.6/6, Error ellipse: s-maj=137.5km s-min=56.0km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GYA0B, ALIBECK ARRAY, KIRV, Kirov, SVW2, Sparrevohn, SVW2.

JMA 07 16:56:27.6, 0.5, 32.1N; 141.97E, h0km, MV3.8/2.1, NIED Off HACHUJIMA ISLAND, NIED 07 16:56:27.6, 0.5, 32.1N; 141.97E, h0km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TNTI, Ternate, KMSI, Cibinong, SANI, Sanana, GTOI, Gorontalo, WRA, Warramunga Arr, ASAR, Alice Springs, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like L19K, White Mountain, J20K, Nowinta River, K20K, Telida, PPLA, Purkeypille, BPAW, Bear Paw Mtn, MLY, Manley.

ISC 07 16:56:32.3, 1.3, 32.37N; 141.8E, 0.1, h35km, n20, n1943/25, mb3.7/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR, Alice Springs, STKA, Stephens Creek, KLR, Kuludju, YAK, Yakutsk, TIXI, Tikta City, SPITS, Spitsbergen Ar, BBB, Balia Bella, RES, Resolute Bay.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H23K, Yukon River, SUSA, Susitna One, DHA, Denali Highway, DHY.

ISC 07 17:15:18.4, 0.7, 3.64N; 126.68E, h0km, mb4.0/10, mbtmp4.0/10, MS4.8/8, Error ellipse: s-maj=44.6km s-min=15.3km az=72.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TNTI, Ternate, TNTI, Ternate, KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCM, Sheep Creek Mo, J26L, Joseph Creek, BCAR, Beaver Creek A, ARCES, ARCES Array B, I30M, Mount Dempster, M30M, Minto, Yukon, M30M.

ISC 07 17:15:24.1, 1.7, 5.01N; 141.04E, 179.97W, 0.0, h4km, 1.9km, mb3.8/9, ML3.8/6, ML2.2/AEIC, s-maj=9.2km s-min=1.6km az=124.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FIA1, FINES Array S, FIA0, FINES Array S, FINES, FINES Array B, FINES, FINES Array B, EUNU, Eureka, EUNU, AKASG, Malin Array Be.

ISC 07 16:59:18.8, 1.4, 49.95N; 179.91W, h0km, mb3.4/4, mbtmp3.5/6, ML3.1/2, Error ellipse: s-maj=49.1km s-min=29.8km az=164.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BRTR, Keskin Array B, NOA, NORSAR Array B, NOA, NORSAR Array B, EUNU, Eureka, EUNU, AKASG, Malin Array Be.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SOF, 07 16:45:38.4, 1.5, 45.53N; 026.26E, h100km, MD3.1, BUC 07 16:45:38.2, 0.3, 45.54N; 26.27E, h145km, 2km, m3.5/4.0, Error ellipse: s-maj=1.9km s-min=1.4km az=175.0

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEHR, Nehoiu, NEHR, Nehoiu, MLR, Muntele Rosu, MLR, Muntele Rosu, BISRR, Bisoca, BISRR, Bisoca, BISRR, Voineasa-Covas, BISRR, Voineasa-Covas, PLOR, Plostina, PLOR, Plostina, ISR, Istrita, ISR, Istrita, PLAR, PLOIESTI, PLAR, PLOIESTI, OZUR, OZUR, OZUR, OZUR, PANC, Panciu, PANC, Panciu, DOPR, Dopca, DOPR, Dopca, PGOR, Pogoanele, PGOR, Pogoanele, SULR, Sulra, SULR, Sulra, VOIR, Voire, VOIR, Voire, GHRR, Ghore, GHRR, Ghore, TUDR, Tudora, TUDR, Tudora, TESR, Tescani, TESR, Tescani, IZVR, Izvoarele, IZVR, Izvoarele, IZVR, Izvoarele, SLHR, Slobozia Conac, SLHR, Slobozia Conac, LECH, Lehliu, LECH, Lehliu, ARR, Arges, ARR, Arges, VARL, Varzei, VARL, Varzei, AMRR, Amara, AMRR, Amara, BUC1, Bucharest, BUC1, Bucharest, BIR, Birlad, BIR, Birlad, BIR, Birlad, SCTR, Scanteiesti, SCTR, Scanteiesti, VLDR, Vladesti, VLDR, Vladesti, HUMR, Humele, HUMR, Humele, CFR, Carcalui, CFR, Carcalui, HARR, Harsova, HARR, Harsova, VASR, Vaslui, VASR, Vaslui, TLBR, Topalu, TLBR, Topalu, TPGR, Topolog, TPGR, Topolog.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang, TGY, Tagaytay, MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li, TPUB, Ta-pu, TPUB, Ta-pu, SSLB, Suanglung, FITZ, Fitzroy Crossi, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMKA, Amchitka, AMKA, Amchitka, GALAA, Gareloi Lava P, CESW, Semis' Southwe, GANE, Gareloi Northe, GANE, Semis' Tuman, CETU, Little Sitkin, LSPA, Little Sitkin, TASE, Tanaga Southea, LSNW, Little Sitkin, LSNW, Little Sitkin, TAPA, Tanaga Point A, TAFP, Tanaga Falls P, TAFP, Tanaga Falls P, KIMD, Kanaga Island, KIWB, Kanaga Island, ADK, Adak, ADK, Adak, ADK, Adak, 216nm.0.3s, GSKT, Great Sitkin C, GSKT, Great Sitkin M, GSKT, Great Sitkin T, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, KOPF, Korovin Fall P, SMY, Shemya, SMY, Shemya, AKUT, Akutan, S12K, Black Hills, CNBA, Chernabura Isl, PETK, Petropavlovsk, KDKA, Kodiak Island, KDKA, Kodiak Island, N19K, Bonanza Creek, TRF, Thorofare Moun, BPWA, Bear Paw Mtn, BPWA, Bear Paw Mtn, IMAR, Indian Mountai, DHY, Denali Highway, DHY, Denali Highway, SCRK, Sand Creek, SCRK, Sand Creek, J26L, Joseph Creek, I28M, Miner Creek, I28M, Miner Creek.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang, TGY, Tagaytay, MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li, TPUB, Ta-pu, TPUB, Ta-pu, SSLB, Suanglung, FITZ, Fitzroy Crossi, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMKA, Amchitka, GALAA, Gareloi Lava P, CESW, Semis' Southwe, GANE, Gareloi Northe, GANE, Semis' Tuman, CETU, Little Sitkin, LSPA, Little Sitkin, TASE, Tanaga Southea, LSNW, Little Sitkin, LSNW, Little Sitkin, TAPA, Tanaga Point A, TAFP, Tanaga Falls P, TAFP, Tanaga Falls P, KIMD, Kanaga Island, KIWB, Kanaga Island, ADK, Adak, ADK, Adak, 216nm.0.3s, GSKT, Great Sitkin C, GSKT, Great Sitkin M, GSKT, Great Sitkin T, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, KOPF, Korovin Fall P, SMY, Shemya, SMY, Shemya, AKUT, Akutan, S12K, Black Hills, CNBA, Chernabura Isl, PETK, Petropavlovsk, KDKA, Kodiak Island, KDKA, Kodiak Island, N19K, Bonanza Creek, TRF, Thorofare Moun, BPWA, Bear Paw Mtn, BPWA, Bear Paw Mtn, IMAR, Indian Mountai, DHY, Denali Highway, DHY, Denali Highway, SCRK, Sand Creek, SCRK, Sand Creek, J26L, Joseph Creek, I28M, Miner Creek, I28M, Miner Creek.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang, TGY, Tagaytay, MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li, TPUB, Ta-pu, TPUB, Ta-pu, SSLB, Suanglung, FITZ, Fitzroy Crossi, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMKA, Amchitka, GALAA, Gareloi Lava P, CESW, Semis' Southwe, GANE, Gareloi Northe, GANE, Semis' Tuman, CETU, Little Sitkin, LSPA, Little Sitkin, TASE, Tanaga Southea, LSNW, Little Sitkin, LSNW, Little Sitkin, TAPA, Tanaga Point A, TAFP, Tanaga Falls P, TAFP, Tanaga Falls P, KIMD, Kanaga Island, KIWB, Kanaga Island, ADK, Adak, ADK, Adak, 216nm.0.3s, GSKT, Great Sitkin C, GSKT, Great Sitkin M, GSKT, Great Sitkin T, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, KOPF, Korovin Fall P, SMY, Shemya, SMY, Shemya, AKUT, Akutan, S12K, Black Hills, CNBA, Chernabura Isl, PETK, Petropavlovsk, KDKA, Kodiak Island, KDKA, Kodiak Island, N19K, Bonanza Creek, TRF, Thorofare Moun, BPWA, Bear Paw Mtn, BPWA, Bear Paw Mtn, IMAR, Indian Mountai, DHY, Denali Highway, DHY, Denali Highway, SCRK, Sand Creek, SCRK, Sand Creek, J26L, Joseph Creek, I28M, Miner Creek, I28M, Miner Creek.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang, TGY, Tagaytay, MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li, TPUB, Ta-pu, TPUB, Ta-pu, SSLB, Suanglung, FITZ, Fitzroy Crossi, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMKA, Amchitka, GALAA, Gareloi Lava P, CESW, Semis' Southwe, GANE, Gareloi Northe, GANE, Semis' Tuman, CETU, Little Sitkin, LSPA, Little Sitkin, TASE, Tanaga Southea, LSNW, Little Sitkin, LSNW, Little Sitkin, TAPA, Tanaga Point A, TAFP, Tanaga Falls P, TAFP, Tanaga Falls P, KIMD, Kanaga Island, KIWB, Kanaga Island, ADK, Adak, ADK, Adak, 216nm.0.3s, GSKT, Great Sitkin C, GSKT, Great Sitkin M, GSKT, Great Sitkin T, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, KOPF, Korovin Fall P, SMY, Shemya, SMY, Shemya, AKUT, Akutan, S12K, Black Hills, CNBA, Chernabura Isl, PETK, Petropavlovsk, KDKA, Kodiak Island, KDKA, Kodiak Island, N19K, Bonanza Creek, TRF, Thorofare Moun, BPWA, Bear Paw Mtn, BPWA, Bear Paw Mtn, IMAR, Indian Mountai, DHY, Denali Highway, DHY, Denali Highway, SCRK, Sand Creek, SCRK, Sand Creek, J26L, Joseph Creek, I28M, Miner Creek, I28M, Miner Creek.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang, TGY, Tagaytay, MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li, TPUB, Ta-pu, TPUB, Ta-pu, SSLB, Suanglung, FITZ, Fitzroy Crossi, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMKA, Amchitka, GALAA, Gareloi Lava P, CESW, Semis' Southwe, GANE, Gareloi Northe, GANE, Semis' Tuman, CETU, Little Sitkin, LSPA, Little Sitkin, TASE, Tanaga Southea, LSNW, Little Sitkin, LSNW, Little Sitkin, TAPA, Tanaga Point A, TAFP, Tanaga Falls P, TAFP, Tanaga Falls P, KIMD, Kanaga Island, KIWB, Kanaga Island, ADK, Adak, ADK, Adak, 216nm.0.3s, GSKT, Great Sitkin C, GSKT, Great Sitkin M, GSKT, Great Sitkin T, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, ATKA, Atka Island, KOPF, Korovin Fall P, SMY, Shemya, SMY, Shemya, AKUT, Akutan, S12K, Black Hills, CNBA, Chernabura Isl, PETK, Petropavlovsk, KDKA, Kodiak Island, KDKA, Kodiak Island, N19K, Bonanza Creek, TRF, Thorofare Moun, BPWA, Bear Paw Mtn, BPWA, Bear Paw Mtn, IMAR, Indian Mountai, DHY, Denali Highway, DHY, Denali Highway, SCRK, Sand Creek, SCRK, Sand Creek, J26L, Joseph Creek, I28M, Miner Creek, I28M, Miner Creek.

ISC 07 16:59:23.9, 1.0, 50.15N; 179.92W, 0.05, h35km, n39, n137/45, mb3.7/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMSI, Cibinong, LBMI, Lubu, GTOI, Gorontalo, SANI, Sanana, MRSI, Marisa, LUWI, Luwuk, TOL2, Tolitoli, TOL1, Tolitoli, NLAJ, Namlea, MPIS, Miasaga, FAKI, Fak Fak, FAKI, Fak Fak, KAPI, Kappang, TGY, Tagaytay, MTKI, Muara Tewe, MTN, Manton Dam, MTN, MTKI, Kakadu, KNRA, Kununurra, KNRA, Kununurra, YULB, Yu-li, TPUB, Ta-pu, TPUB, Ta-pu, SSLB, Suanglung, FITZ, Fitzroy Crossi, WBO, Warramunga Arr, WBO, Warramunga Arr, WRA, Warramunga Arr, WB2, Warramunga Arr, WRO, Warramunga Arr, AS31, Alice Springs, ASAR, Alice Springs, ASAR, Alice Springs.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NRIK, ABKAR, OPO, ARCES, FINES, HFS, NOA.

IPEC 07 17:18:41.4+0.2 51:54N:16:24E, h1km, ML2.5/4, Error ellipse: s-maj=20km s-min=1.1km az=37.0
DNK 07 17:18:41.5+1.2 51:67N:16:64E, h0km, 100km
IDD 07 17:18:43.5+0.8 51:46N:15:96E, h0km, mbkm 3/18, ML3.0/8, Error ellipse: s-maj=14.2km s-min=7.0km az=112.0
VIE 07 17:18:44.4+1.5 51:36N:16:08E, h0km, mb2.6/7, m2.8/7, Error ellipse: s-maj=10.9km s-min=7.8km az=33.0 71 km WNW of Wroclaw Suspected Mining induced.
PRU 07 17:18:44.9+51:41N:16:09E, h0km
ISC 07 17:18:41.2+0.7 51:55N:03:16E, 0:02, h0km, n54, r#34/105, Poland

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations including KSP, CHVC, OSTC, UPIC, DPC, PVCC, BRG, KRKC, RICC, GOPC, HSKC, CLM, MORC, VRAC, ZVC, MAUC, KRUC, KRCJ, NKC, OJC, JAVC, KHC, CKRC, GERES, LANS, MODS, VYHS, CONA, BSD, RONA, STHS, BIOA, ARSA, LUNU.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LESA, KOLS, BLEU, KBA, BJUU, WTTA, FABU, DAVOX, AKASG, HFS, FINES, EKA, ARCES.

TAP 07 17:20:11.9 24:81N:122:31E, h12km, ML3.2, C
JMA 07 17:20:12.4+0.1 24:8N:09:12E, 0:03, h41km, 2km, MV2.4/12, TAIWAN REGION
ISC 07 17:20:11.5+1.0 24:81N:02:12E, 0:02, h14km, 8km, n88, r#079/149, 5C-1D, Taiwan region

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations including TWB1, EGS, EGS2, EGS3, NWF, NWF2, NDS, JYNG, ENA, ENA2, YOJ, YOJ2, YOJ3, YOJ4, YOJ5, YOJ6, YOJ7, YOJ8, YOJ9, YOJ10, YOJ11, YOJ12, YOJ13, YOJ14, YOJ15, YOJ16, YOJ17, YOJ18, YOJ19, YOJ20, YOJ21, YOJ22, YOJ23, YOJ24, YOJ25, YOJ26, YOJ27, YOJ28, YOJ29, YOJ30, YOJ31, YOJ32, YOJ33, YOJ34, YOJ35, YOJ36, YOJ37, YOJ38, YOJ39, YOJ40, YOJ41, YOJ42, YOJ43, YOJ44, YOJ45, YOJ46, YOJ47, YOJ48, YOJ49, YOJ50, YOJ51, YOJ52, YOJ53, YOJ54, YOJ55, YOJ56, YOJ57, YOJ58, YOJ59, YOJ60, YOJ61, YOJ62, YOJ63, YOJ64, YOJ65, YOJ66, YOJ67, YOJ68, YOJ69, YOJ70, YOJ71, YOJ72, YOJ73, YOJ74, YOJ75, YOJ76, YOJ77, YOJ78, YOJ79, YOJ80, YOJ81, YOJ82, YOJ83, YOJ84, YOJ85, YOJ86, YOJ87, YOJ88, YOJ89, YOJ90, YOJ91, YOJ92, YOJ93, YOJ94, YOJ95, YOJ96, YOJ97, YOJ98, YOJ99, YOJ100.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists numerous stations including NNSB, NNS, ETLH, TWB, TWD, HWA, HFF, NFF, LXIB, WHF, WHF2, TWT, TWT2, TWT3, TWT4, TWT5, TWT6, TWT7, TWT8, TWT9, TWT10, TWT11, TWT12, TWT13, TWT14, TWT15, TWT16, TWT17, TWT18, TWT19, TWT20, TWT21, TWT22, TWT23, TWT24, TWT25, TWT26, TWT27, TWT28, TWT29, TWT30, TWT31, TWT32, TWT33, TWT34, TWT35, TWT36, TWT37, TWT38, TWT39, TWT40, TWT41, TWT42, TWT43, TWT44, TWT45, TWT46, TWT47, TWT48, TWT49, TWT50, TWT51, TWT52, TWT53, TWT54, TWT55, TWT56, TWT57, TWT58, TWT59, TWT60, TWT61, TWT62, TWT63, TWT64, TWT65, TWT66, TWT67, TWT68, TWT69, TWT70, TWT71, TWT72, TWT73, TWT74, TWT75, TWT76, TWT77, TWT78, TWT79, TWT80, TWT81, TWT82, TWT83, TWT84, TWT85, TWT86, TWT87, TWT88, TWT89, TWT90, TWT91, TWT92, TWT93, TWT94, TWT95, TWT96, TWT97, TWT98, TWT99, TWT100.



Table with columns: ICAO, Name, Frequency, Class, Mode, and other details. Includes stations like JOKU, JOKH, JAWA, etc.

Table with columns: ICAO, Name, Frequency, Class, Mode, and other details. Includes stations like INCH, INCN, JNB, etc.

Table with columns: ICAO, Name, Frequency, Class, Mode, and other details. Includes stations like TPUB, KUR, JAWA, etc.

7d 17h

2017 SEP

Table with columns for flight codes (TYV, CNSH, HKC, etc.), destinations (ChangSha, Hong Kong, etc.), times, and status indicators (P, S, M, etc.).

Table with columns for flight codes (PET, SMP, SWI, etc.), destinations (Petropavlovsk, Sorong, etc.), times, and status indicators (P, S, M, etc.).

Table with columns for flight codes (YAK, SHEM, SMI, etc.), destinations (Yakutsk, Shemya Is, etc.), times, and status indicators (P, S, M, etc.).

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BATI Baumata, MTN Manton Dam, COEN Coen, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKUT Akutan, WRA Warramunga Arr, JOHN Johnston Island, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDPT Sand Point, SDPT Sand Point, L14K Liwa, etc.

7d 17h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like N16K, M16K, KNDC, D17K, TNS5, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Q18K, O18K, O18K, EIDS, etc.

430

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like E20K, J20K, J20K, B20K, etc.





Table containing station call letters and frequencies such as SYDH 62.06, TRD 62.07, L29M 62.09, and various other stations with their respective frequencies and codes.

Table containing station call letters and frequencies such as NWA0 64.05, AKTO 64.05, ARPS 64.22, and various other stations with their respective frequencies and codes.

Table containing station call letters and frequencies such as ALE 69.42, FLDN 69.52, KBS 69.55, and various other stations with their respective frequencies and codes.

Table of flight data including columns for flight number, airline, origin/destination, status, and time. Rows include flights like TLZ, DGAR, PGC, etc.

Table of flight data including columns for flight number, airline, origin/destination, status, and time. Rows include flights like MRZ, PXZ, TUWZ, etc.

Table of flight data including columns for flight number, airline, origin/destination, status, and time. Rows include flights like MOR8, MOI Rana, MOR8, etc.



Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CJR Cluj-Napoca, IKP In-Ko-Pah, IKP baz=301,SNR=10, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BSEB Bad Segeberg, RSSD Black Hills, MDND Madcock, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GOPC Bratislava, ZST Bratislava, ZST Praha, etc.

7d 17h

2017 SEP

Table with columns: Call sign, Location, Frequency, Mode, and other details. Includes entries like S22A 4UR Ranch, Cre 89.79 47 Iamb, S22A 4UR Ranch, Cre 89.79 47 P, S22A 4UR Ranch, Cre 89.79 47 S, etc.

Table with columns: Call sign, Location, Frequency, Mode, and other details. Includes entries like PDG Podgorica 91.25 320 P, PDG Podgorica 91.25 320 P, PDG Podgorica 91.25 320 P, etc.

Table with columns: Call sign, Location, Frequency, Mode, and other details. Includes entries like SQTA Sankt Quirin 92.16 328 P, SQTA Sankt Quirin 92.16 328 P, SQTA Sankt Quirin 92.16 328 P, etc.

Table with columns: SCIA, State Center, 95.15, 37, S, S, 17.49, 53.8, -2.6. Includes stations like KSU1, AAE, WLRM, etc.

Table with columns: MATP, Matopo, 117.55, 260, /P, PKIKP, 17.44, 43.2, +0.6. Includes stations like ACON, LBTT, JTS, etc.

Table with columns: MW-0.2/13, NORTHERN IBARAKI PREF, Near east coast of eastern Honshu. Includes station names like Hitachi, Chichijima, etc.

2017 SEP

7d 17h

Table with multiple columns containing station names (e.g., ETAZ, MKAZ, WMGZ), coordinates, and various data points (e.g., 12.01 200 P P, 17 38 55.9 +2.4). The table is organized into several vertical sections.



Table with columns for station name, frequency, power, and other parameters. Includes stations like L18K Granite Mounta, MTPU Mount Peterson, M19K Big River Lodg, etc.

Table with columns for YAK, frequency, power, and other parameters. Includes stations like YAK Yakutsk, SONM Songoing Array, SONM Songoing Array, etc.

Table with columns for MNK, frequency, power, and other parameters. Includes stations like MNK Minsk, TJOU Tjoeru, HOBH Hobborsund, etc.



Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time Res, h m s ISC. Rows include WHVZ Whangaehu Hut, ETAZ East Tamaki Re, FWVZ Far West T-bar, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time Res, h m s ISC. Rows include PB08 comp=Z,3um,0.3s, TA02 Huiquique, TA02 comp=N,3um,0.1s, etc.

IDC 07 19:28:31.5±1.5, 17.18±172.66W, h0km, mb3.5/3, mbmtpp3.5/3, Error ellipse: s-maj=68.4km s-min=36.5km az=157.0, Tonga Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time Res, h m s ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

IDC 07 19:53:34.9±0.9, 32°09'N, 95°51'E, h0km, mb3.6/10, mbmp3.6/13, ML3.3/3, MS3.6/1, Error ellipse: s-maj=36.3km s-min=16.9km az=57.0

ISC 07 19:53:36.1±0.8, 32.1°N, 95.6°E, 0.2, h10km, n14, c0998/13, mb3.7/10, Xizang

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time Res, h m s ISC. Rows include CMAR Chiang Mai Arr, SONMI Songino Array, MKAR Makanchi Array, etc.

ILAR Eielson Array 71.97 24 P P 20 04 59.9 +0.3

TORD Torodi Arr, Be 86.34 283 P P 20 06 17.6 -1.3

IDC 07 20:14:49.1±3.8, 39°85'N, 77°43'E, h0km, mb4.0/2, mbmp3.6/4, ML2.8/2, Error ellipse: s-maj=93.5km s-min=22.5km az=132.0

KRNE 07 20:14:51.3±0.1, 39°90'N, 77°31'E, mb4.0

SOME 07 20:14:51.5, 39°88'N, 77°25'E, h15km

NNC 07 20:14:56.1±2.0, 40°14'N, 77°40'E, h0km, mb4.4, mpv4.0

Error ellipse: s-maj=14.8km s-min=10.7km az=152.0

ISC 07 20:14:53.1±1.9, 39°89'N, 077°45E, 0.05, h14km, 13km, n82, c1970/103, 33C-22, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time Res, h m s ISC. Rows include TARG Taragay, Kyrgy, NRN Naryn, ULHL Ulahol, etc.

SJA 07 18:57:17.1±0.7, 19°63'S, 69°33'W, h104km, 2km, ML3.6, MW3.5

GUC 07 18:57:18.5±0.8, 19°61'S, 69°29'W, h100km, 3km, ML3.5

IDC 07 18:57:19.2±2.4, 19°68'S, 68°99'W, h120km, 20km, mb3.3/2, mbmp3.6/5, Error ellipse: s-maj=53.7km s-min=15.3km az=100.0

ISC 07 18:57:17.4±1.0, 19.62S, 69.33W, 0.06, h103km, 7km, n36, c1922/64, 3C-3D, Northern Chile

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time Res, h m s ISC. Rows include GO01 Chuzmiza, GO01 Chuzmiza, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SPUT, South Promonto, 56.93 304, P, P, 20 37 09.6 -0.3, 20 37 23.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SPUT, South Promonto, 56.93 304, P, P, 20 37 09.6 -0.3, 20 37 23.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SPUT, South Promonto, 56.93 304, P, P, 20 37 09.6 -0.3, 20 37 23.7

IDC 07:20:27.22.6.0.6, 25.40N, 45.35W, hOkm, mb4. 1/23, mbtpm4.1, 23, MS3.7/27, Error ellipse: s-maj=16.4km s-min=14.2km az=159.0

IDC 07:20:27.25.1.3, 25.37N, 0.05:45W, 0.1, h1Okm, 1km, mb4.6/77, Error ellipse: s-maj=19.8km s-min=3.2km az=113.0

IDC 07:20:48.04.7.1.7, 5.42S, 147.09E, hOkm, mb3.3/2, mbtpm3.0, 4.4, ML2.7/2, MS2.9/2, Error ellipse: s-maj=72.6km s-min=29.4km az=110.0, Eastern New Guinea region

TORD Torodi Ar. Bea 145.025 PKPbc PKPab 21 07 44.7 +0.2

NOA NORSTAR Array B 78.78 333 P P 21 26 54.9 -1.6

BBOO Bucklebovo 28.75 201 P P 21 20 25.8 +0.2

IDC 07 21:14:52.0, 9, 24, 70N, 123, 18E, h0km, mb3.9/11, mbtmp3.9/11, MS3.0/9, Error ellipse: s-maj=39.7km

NC20A Yellowknife Arr 78.02 333 P P 21 26 56.1 -0.7

PSA00 Pilibara Seismi 31.07 238 P Iamb Iamb 21 30 46.7 +0.4

NIED 07 21:15:02.4, 24, 52N, 123, 12E, h64km, MW4.3, Moment Tensor Solution. s1 Moment tensor: Scale 10^19Nm

GERES GERES Array B 83.72 321 P P 21 27 21.4 -1.6

RAO Raouli Island 39.78 130 LR LR 21 45 52.6

NEIC 07 21:15:02.2, 1, 24, 49N, 108, 123, 12E, 0, 07, h67km, 2km, mb4.2/12, Mw4.1, 20, Error ellipse: s-maj=11.9km

RSNC 07 21:23:08.3, 1, 4, 3, 22N, 78.66W, h2km, 6km, ML3.0, Mw3.6

JUNU Juno Array 64.81 331 P P 21 48 10.1

Moment tensor: Scale 10^19Nm; Ms=1.27; Mw=0.06; Ms=1.21; Mw=0.65; Ms=0.70; Mw=0.85; Fault plane solution: M1: 78.00x10^15, NP1: 3.29x10^16, 862.20000, 1.22.68000, NP2: 1.29.30000, 841.88000, 44.31000

IC-12, South of Panama

MJAR Matsushiro Arr 43.31 349 P P 21 32 27.9 -1.9

Principal axes: T: 1.8918, P: 9.59.0000, Azm: 321.0000; N: -0.2517, P: 9.29.0000, Azm: 167.0000; P: -1.6401, P: 11.0000, Azm: 70.0000

Code Station Name Az AzZ Phase ID Time Res

KSRs Korea Array 47.07 338 P P 21 32 59.2 -0.4

NEIC 07 21:15:02.4, 0.1, 25, N1, 123, 1E, 0, 4, h64km, MD4.2/16, Mw3.9/16, NW OFF ISHIGAKIJIMA IS

GR1C Gorgona, Isla 0.54 113 I/P Op Pn 21 23 18.3 -0.4

ILAR Eielson Array 85.25 23 P P 21 37 03.4 -0.4

ISC 07 21:15:01.4, 0.7, 24, 48N, 106, 123, 10E, 0, 03, h69km, 5km, n71, i=152/67, mb4.0/16, Southwestern Ryukyu Islands

TUMC Tumaco 1.39 183 eS Sg 21 23 57.1 -1.2

YKA Yellowknife Arr 98.89 28 P P 21 38 07.3 +0.1

Code Station Name Az AzZ Phase ID Time Res

BBAC Balboa, Cauca 1.85 130 eP Pn 21 23 38.2 -3.1

ZALV Zalesovo Beam 79.45 328 P P 21 36 32.3 -1.4

YOJ Yonaguni jima 0.08 259 P Pn 21 15 12.0 +0.6

BBAC BBAC 21 24 02.9 -2.4

QSPA South Pole Qui 83.91 180 P P 21 36 55.3 -1.9

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 10.8

ILAR Eielson Array 85.25 23 P P 21 37 03.4 -0.4

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 18.0 -1.7

YKA Yellowknife Arr 98.89 28 P P 21 38 07.3 +0.1

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 24.5

TORD Torodi Ar. Bea 145.81 284 PKPbc PKPfd 21 44 05.8 -1.2

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 31.3

USSS 07 21:29:55.7, 0.9, 42, 60N, 0, 006: 11, 42W, 0, 02, h10km, 4km, Error ellipse: s-maj=2.4km s-min=0.9km az=92.0

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 38.2

NEIC 07 21:29:55.3, 0.6, 42, 59N, 0, 009: 11, 42W, 0, 010, h4km, 2km, ML2.8/9, ML2.8/8(USSS), Error ellipse: s-maj=1.2km s-min=1.0km az=190.0, Eastern Idaho

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 45.1

Code Station Name Az AzZ Phase ID Time Res

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 24 52.0

ID05 Sulphur Canyon 0.06 329 Op Pn 21 29 57.4 +0.6

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 00.0

AHID Auburn Hatcher 0.29 54 Sg Pn 21 30 01.4 +0.4

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 07.0

ECR Eagle Creek 0.46 5 Sg Pn 21 30 06.4 +0.1

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 14.0

BEI Bear River Branch 0.55 209 Pn 21 30 06.3 +0.4

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 21.0

L17A L17A 0.64 141 Sg Pn 21 30 07.9 +0.3

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 28.0

BMUT Black Mountain 0.65 168 Pn 21 30 07.9 +0.1

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 35.0

MLI Malad Range 0.77 223 Pn 21 30 10.2 +0.1

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 42.0

REDW Red Top Meadow 0.87 228 Pn 21 30 12.1 +0.1

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 49.0

REDW Red Top Meadow 0.87 228 Pn 21 30 23.9 +0.5

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 25 56.0

NPI North Pocatell 0.93 241 Pn 21 30 13.0 -0.1

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 26 03.0

PTU Portage 0.95 226 Pn 21 30 13.2 -0.2

YOJ Yonaguni jima 0.08 259 A S 21 15 12.0 +0.6

BBAC BBAC 21 26 10.0

HWUT Hardware Ranch 0.99 186 Pn 21 30 14.4 +0.1





Table with columns: BMO, 400nm, 0.2s, IAML, 01 09 27.7, etc. Lists various astronomical observations with station names and coordinates.

Table with columns: RSD, Rainshed, 0.26 284, IAML, Sg, 01 25 00.8 +0.4, etc. Lists observations from Rainshed station.

Table with columns: HVU, Indian Meadow, 1.33 18, Sg, Sn, 02 07 56.7 +0.2, etc. Lists observations from Indian Meadow station.

ISC 08 01:15:28.0 ± 1.3, 55.97S, 26.46W, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=53.6km s-min=33.6km az=46.0

ISC 08 01:45:30.1 ± 2.1, 9.50S, 123.68E, h0km, mb3.7/1, mbmp3.6/3, ML3.7/2, Error ellipse: s-maj=220.3km s-min=32.3km az=55.0, Error region

ISC 08 01:15:35.4 ± 1.1, 55.55S, 02.267W, h0.3, h35km, n7, n09 14/6, mb3.9/3, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, etc. Lists stations in the South Sandwich Islands region.

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

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

NEIC 08 01:24:53.1 ± 0.8, 19.937N, 0.02, 155.06W, h0.02, h5km, 1km, Error ellipse: s-maj=2.7km s-min=2.7km az=31.0

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

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

HVO 08 01:24:52.0 ± 0.8, 19.400N, 0.02, 155.01W, 0.02, h3km, 4km, ML2.9/31, ML2.8/52(NEIC), Error ellipse: s-maj=3.3km s-min=1.2km az=140.0, Hawaiian Islands

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

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, etc. Lists stations in the Hawaiian Islands region.

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

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

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

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

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

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

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

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

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

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

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



Table with columns: MSO, Station Name, Az, El, P, Pg, Res, Time, H, S, ISC. Includes stations like Missoula, Blue Mesa, Mount Pierson, etc.

Table with columns: BLOK, Station Name, Az, El, P, Pg, Res, Time, H, S, ISC. Includes stations like Blackwell, Salt Plains, Caldwell West, etc.

Table with columns: S39A, Station Name, Az, El, P, Pg, Res, Time, H, S, ISC. Includes stations like Bolivar, Perrin-Whitt, Azle, etc.

NEIC 08 02:26:22.8, 2.6, 36; 705N, 0.009, 97.68W, 0.01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.4km az=240.0...



Table with columns: ILAR, Eielson Array, 40.31 330 P, 02 34 02.3 +1.8, etc. Includes various station names like SFJD, I21K, BORG, etc.

SOME 08 03:15:51.0, 40.75N, 78.80E, h10km
NNC 08 03:15:52.6, 1.0, 40.81N, 78.78E, h0km, mb3.5, mpv3.3,
Error ellipse: s-maj=6.9km s-min=4.9km az=153.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, etc. Lists stations like TARG, PRZ, PRZ, etc.

Table with columns: KST, 2.9nm,0.2s, Lg, Lg, 03 17 29.4, etc. Lists stations like KST, KST, KST, etc.

IDC 08 03:24:00.8, 0.6, 52.22N, 169.21W, h0km, mb4.4/3/4,
mbmp4.4/37, ML4.4/3, MS3.9/69, Error ellipse:
s-maj=19.1km s-min=10.0km az=177.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, etc. Lists stations like CLCO, CLES, CLES, etc.

Table with columns: P16K, Nushagak River, 9.32 38 P, 03 26 20.2 +3.1, etc. Lists stations like P16K, N15K, N15K, etc.

8d 3h

Table of flight data for the left column, starting with HDA (Harding Lake) and ending with P33M (Teslin, Yukon). Columns include destination, time, status, and other flight details.

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Table of flight data for the middle column, starting with FARO (Faro, Yukon) and ending with HLID (Hailey). Columns include destination, time, status, and other flight details.

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Table of flight data for the right column, starting with DLMT (Dillon) and ending with KSRK (Korea Array). Columns include destination, time, status, and other flight details.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like SUSD, SDCO, TUC, JNU, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like NJ2, NJ2, SFIN, FCAR, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like HFS, TEIG, VSU, PZH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHC Kasperke Hory, JAVC Velka Javorina, GERS GERRSS Array B, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FCH comp=N,3um,0.2s, PEL Peldehue, PEL Peldehue, etc.

ISK 08 03:27:32.4, 39°58'N-26°01'E, h7km, ML2.9/23
ATH 08 03:27:33.8, 39°51'N-26°00'E, h18km, kM, ML2.6/12,
Manual Solution by N.Liadopoulos First location:
2019/04/18 09:58:49, This location: 2019/04/18 09:58:03
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 3
km; Longitude uncertainty: 3 km
THE 08 03:27:33.4, 39°56'N-26°03'E, h7km, 1km, ML2.7/9, Error
ellipse: s-maj=1.5km s-min=0.7km az=156.0
DDA 08 03:27:33.0, 39°55'N-26°06'E, h11km, 1km, ML2.8
ISC 08 03:27:33.0, 39°55'N-26°06'E, h11km, 1km, ML2.8
n81, c070/119, Turkey
Code Station Name Az Az' Phase ID Time Res
KOCA Canakkale, Ayv 0.10 124 P P 03 27 35.9 +0.3
KOCA GPNR 0.10 124 S S 03 27 37.7 +0.2
GPNR 0.10 124 S S 03 27 36.1 +0.1
ASAR Alice Springs 90.38 230 P P 03 27 02.9 -0.5
ASAR comp=2.2nm,0.8s,baz=32,slow=4.9,SNR=14
LR 04 18 07.0

SJA 08 03:42:54.3, 32.1, 32.65S:70°02'W, h113km, 5km, ML4.1,
MW3.9
IDC 08 03:42:55.3, 32.1, 32.67S:69°92'W, h104km, 17km, mb3.4/5,
mbtm3.6/9, Error ellipse: s-maj=25.4km s-min=19.5km
az=105.0
GUC 08 03:42:56.0, 32.1, 32.64S:70°09'W, h115km, 3km, ML3.9
ISC 08 03:42:55.3, 32.1, 32.65S:70°03'W, h110km, 5km,
n69, c094/102, mb3.5/6, 18C, Chile-Argentina border
region
Code Station Name Az Az' Phase ID Time Res
VA03 San Esteban 0.46 255f eP Pn 03 43 12.2 +0.2
VA03 0.46 255f eS Pn 03 43 24.5 -0.1
VA03 0.46 255f iAML Pn 03 43 26.7

GO03 Copiap 5.04 358 i P Pn 03 44 07.9 -0.8
PLCA Paso Flores 8.08 183 P P 03 44 49.2 -0.7
comp=2.1,8nm,0.8s,baz=345,slow=5.3,SNR=4
LVC Limon Verde 10.05 6 P Pn 03 45 15.7 -1.2
LVC comp=2.1,4nm,0.5s,baz=309,slow=1.1,SNR=1.8
S S 03 47 10.2 +2.2
CPUP Villa Florida 12.72 64 P Pn 03 45 46.9 -5.3
comp=2.0,9nm,0.6s,baz=136,slow=18,SNR=1.1
CPUP 03 48 07.2 -4.9
LPAZ comp=2.1,8nm,0.5s,baz=252,slow=7.4,SNR=1.6
La Paz 16.38 6 P Pn 03 46 38.0 -1.4
SIV San Ignacio 18.47 28 P P 03 47 02.4 -0.2
comp=2.0,6nm,0.5s,baz=166,slow=7.0,SNR=5.6
BDFB Brasilia 26.18 55 P P 03 48 18.4 -1.4
comp=2.1,8nm,0.7s,baz=217,slow=10,SNR=2.4
VNA3 Neumayer Olymp 49.98 158 P P 03 51 42.4 +5.1
VNA2 Neumayer-Watz 50.61 158 P P 03 51 47.0 +4.6
bazz=287,slow=7.0
TEIG Tepich 55.40 339 P P 03 52 18.9 +0.8
comp=2.3,3nm,0.5s,baz=296,slow=7.0,SNR=10.0
TXAR Lajitas Array 69.42 329 P P 03 53 50.3 +1.5



8d 4h

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Table with multiple columns: ID, Name, Time, Status, and various numerical values. The table is organized into two main sections, each with a header row (e.g., 8d 4h, 2017 SEP) and a footer row (e.g., 060A, X40A). Each row contains detailed data points for a specific location or station, including coordinates, elevation, and other technical specifications.











Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D32A, D32B, J57A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ACCN, YHL, YHL, EMB, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like GAC, VTI, VTI, FRNY, etc.





8d 4h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like H07S1, H07S1, H07N1, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like DHY, DHY, DHY, etc.

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Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like CAPN, CAPN, CAPN, etc.





Table with columns: ID, Description, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, etc. Includes entries for L16K, S12K, F20K, J17K, G19K, O14K, M15K, SUMG, G19K, O14K, M15K, SUMG, H18K, B22K, C21K, B22K, B21K, B21K, N14K, E20K, E20K, NEEM, NEEM, FALS, FALS, SOEG, SOEG, F19K, F19K, E19K, E19K, G18K, G18K, J16K, J16K, TBI, TBI, TBI, TBI, L15K, M14K, M14K, D20K, H17K, H17K, K15K, K15K, I17K, I17K, A22K, F18K, D19K, D19K, L14K, L14K, G17K, G17K, M13K, M13K, B20K, A21K, H16K, F17K, F17K, AKUT, E18K, E18K, J14K, J14K.

2017 SEP

Table with columns: ID, Description, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, etc. Includes entries for C19K, G16K, G16K, E17K, E17K, UNV, UNV, K13K, K13K, C18K, C18K, G15K, G15K, M11K, M11K, D17K, D17K, RDOG, RDOG, GO09, GO09, G009, G009, F15K, F15K, C17K, C17K, C17K, ANM, ANM, ANM, ANM, ALE, ALE, BORG, BORG, BORG, BORG, BORG, BORG, BORG, BORG, BORG, BORG, BORG, NIKH, NIKH, NIKH, F14K, F14K, C16K, C16K, C16K, TNA, TNA, SCO, SCO, SCO, SPIA, SPIA, SPIA, MG04, MG04, GO10, GO10, GO10, PMOZ, PMOZ, PMOZ, PMAR, PMAR, PPAR, PPAR, DBG, DBG, GMB, GMB, PMPST, PMPST, JOHN, JOHN, JOHN, JOHN, JOHN, JOHN, ATK, ATK, ATK, EOSO, EOSO, MG01, MG01, MG01, EFO, EFO, EFO, EFO.

Table with columns: ID, Description, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, etc. Includes entries for NOR, NOR, RAR, RAR, RAR, RAR, ADK, ADK, ADK, ADK, MBO, MBO, MBO, JMI, JMI, JMI, JMI, JMI, JMI, JMI, JMI, JMI, JMI, VAL, VAL, JNE, JNE, SOFL, SOFL, LEWI, LEWI, KPL, KPL, PMAFR, PMAFR, PMAFR, ILTH, CLGH, CLGH, DSB, LIS, LIS, LIS, LIS, LIS, LIS, LINV, LINV, PTO, LAW, LAW, PSBE, PSBE, PSBE, PGAV, PGAV, PGAV, PCAS, PCAS, PCAS, PVF, PVF, PVF, PNCL, PNCL, PNCL, MORF, MORF, MORF, MORF, MORF, MORF, POLO, POLO, POLO, BIGH, BIGH, BIGH, PVIS, PVIS, PMTG, PMTG, PMTG, MIDW, MIDW, MIDW, GAL1, GAL1, GAL1, INV, INV, INV, MESJ, MESJ, MESJ, MESJ, IOMK, IOMK.



Table with columns for call sign, frequency, power, and other technical details. Includes stations like BCLA, BCLA, FIGM, HOPE, HOPE, HOPE, RCHB, RCHB, RCHB, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SEY, SEY, TIC, TIC, FTLG, FTLG, FTLG, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CLL, CLL, CLL, CLL, CLL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MA2, RICC, CTI, KHC, KVA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSP, MOA, MYKA, PRED, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like CRVS, Besenyszg, Kalwaria Pacla, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CBBR Cluj-Babes-Bol, Deva, Napoca, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS, MPEP Malo Peshtene, VTS Kipouro, etc.

Table of astronomical observations with columns for object name (e.g., YSS, KLV, AXAR), coordinates (RA, Dec), magnitude, and filter (MLR, P, Pdif, etc.).

Table of astronomical observations with columns for object name (e.g., LTZ, CTKS, VNA2), coordinates (RA, Dec), magnitude, and filter (P, Pdif, PPKP, etc.).

Table of astronomical observations with columns for object name (e.g., SRCK, GSPA, YER), coordinates (RA, Dec), magnitude, and filter (eP, Pdif, PPKP, etc.).

Table with columns for station name, frequency, power, and various signal quality metrics (e.g., S/NR, SNR, SNR=1.4, etc.).

Table with columns for station name, frequency, power, and various signal quality metrics (e.g., S/NR, SNR, SNR=1.4, etc.).

Table with columns for station name, frequency, power, and various signal quality metrics (e.g., S/NR, SNR, SNR=1.4, etc.).







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dumont d'Urville, Borovoye, Kodiak Island, Mawson, Voitsotska.

IDC 08 05:13:42.2,3.7, 15.18N,94.19W, h66km,29km, mb4.1/8, mbmp4.5/10, ML4.3/2, Error ellipse: s-maj=31.6km s-min=21.4km az=43.0

NEIC 08 05:13:45.3, 1.4, 15.5N,0.1,93.9W,0.1, h63km,14km, mb4.8/14, Error ellipse: s-maj=19.6km s-min=12.6km az=51.0

ISC 08 05:13:43.2,0.8, 15.28N,0.09,94.13W,0.08, h69km, n53, r124/55, mb4.3/8, Near coast of Oaxaca

Main table listing station data for the first section, including codes like RTAL, HUEH, PETF, CSQI, etc.

RSPR 08 05:14:03.3, 19.33N,68.29W, h52km,20km, MD3.7/8, NEIC 08 05:14:06.0, 2.6, 19.14N,0.01,67.99W,0.05, h10km,2km, mb4.1/4, ML4.4/26, MD3.7/8(RSPR), Error ellipse: s-maj=8.1km s-min=3.0km az=263.0

SDD 08 05:14:07.6, 2.3, 19.12N,68.05W, h22km,5.4km, MD3.7, ML4.2

ISC 08 05:14:04.6, 1.2, 19.16N,0.04,68.01W,0.02, h7km, gkm, n86, r111/100, 23C-9D, North Atlantic Ocean

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

Main table listing station data for the second section, including codes like MIDR, AGPR, SMDR, SADR, etc.

ATH 08 05:17:12.1, 0.8, 38.68N,24.65E, h6km,2km, ML3.1/13, Manual Solution by N.Liadopoulos First location: 2019/04/18 10:44:03, This location: 2019/04/18 10:42:27

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

MOS 08 05:17:39.9, 1.1, 15.51N,94.50W, h44km, mb5.4/10, Error ellipse: s-maj=10.0km s-min=5.5km az=106.7

MEIX 08 05:17:42.4, 0.5, 15.56N,94.84W, h44km,65km, MD4.7, NEIC 08 05:17:43.1, 1.6, 15.57N,0.09,94.57W,0.07, h51km,9km, mb5.3/17, Md3.1/33(MEIX), Error ellipse: s-maj=13.8km s-min=8.4km az=208.0

IDC 08 05:17:44.5, 2.5, 15.57N,94.50W, h74km,22km, mb4.5/28, mbmp4.8/30, Error ellipse: s-maj=18.2km s-min=8.6km az=59.0

ISC 08 05:17:40.4, 0.3, 15.46N,0.04,94.70W,0.04, h38km,22km, h38km, pP, n683, r152/693, mb5.2/68, 5C-18D, Near coast of Oaxaca

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





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

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like DUNO, Dulce Nombre, Las Esperanzas, etc.



8d 5h

Table with columns: Station Name, Frequency, Power, Phase, and other technical details for various stations like OK031, QUOK, ANMO, etc.

MEX 08 05:31:38.2-0.9,16:66N:94:00W,h98km±11km,MD3.3, Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other technical details for stations like NILT, XUVU, TGIG.

MEX 08 05:33:36.9-0.4, 15:39N:94:61W,h4km,MD4.6 NEIC 08 05:33:37.8-2.5, 15:28N:0:08:94:41W,0:06,h46km,8km, mb5/2/88, Md5.7/10(ME/O), Error ellipse: s-maj=11.8km s-min=8.1km az=207.0

ISC 08 05:33:40.9-2.4, 15:41N:94:12W,h75km±21km,mb4.4/34, mbmpd4.7/36, Error ellipse: s-maj=16.7km s-min=6.0km az=59.0

ISC 08 05:33:35.7-0.4, 15:22N:0:05:94:50W,0:04,h36km±2km, n481,±1547/495,mb5/0/74,3C-8D,Near coast of Oaxaca az=59.0

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other technical details for numerous stations including NILT, HUIG, PANG, etc.

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Main station list table with columns: Station Name, Frequency, Power, Phase, and other technical details for stations like BRAL, DWPF, FW06, etc.

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Main station list table with columns: Station Name, Frequency, Power, Phase, and other technical details for stations like S39A, JSC, TKL, etc.



Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like L46A Eue Claire, JFWFS Jewell Farm, K43A Burlington, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CPUP Villa Florida, SCCA San Cayetano, ITRB Iturama, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAG Danmarks Havn, PCAS Casimiro, MORF Marlete, etc.

NEIC 08 05:34:28.1±1.6, 14.93N, 0.0694, 11W, 0.05, h44km, 12km, mb5, 1/34, Earth ellipse: s-maj=10.6km s-min=4.8km az=147.0
IDC 08 05:34:29.2±5.0, 14.90N, 94.07W, h54km, 4.3km, mb4.5/8, mbmp4, 8/9, ML4.5/1, Earth ellipse: s-maj=43.1km s-min=20.2km az=66.0
ISC 08 05:34:27.2±0.6, 14.92N, 0.07, 94.03W, 0.08, h33km, n87, r=144/83, mb5, 0/12, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, H, m, s, ISC. Includes stations like Disney Wildern, Soacs Landing, Sterling City, Grady, Blakely, Tifton, Lakeview Retre, Mount Ida, Waverly Hall, Dickens, Libburn, Liberty Lake, Amarillo, Battle Ridge R, Rose Lookout, Cookes Peak, D, New Hope, Wayneoka, Waynoka, Long Quarter, State Center, EROS Data Cent, Miller, Marine on St., Pinedale Array, Grayling, Maddock, Agassiz Nation, Lac du Bonnet, ULM, Lac du Bonnet, Boa Vista, Extrema, Macanapur-AM, Flin Flin, Las Campanas, Yellowknife Ar, Villa Florida, Paso Flores, Eleison Array, PLCA, Paso Flores, F2M, G27K, Doyon Strip, ILAR, Coleen River, Thorafore Moun, Noodor Dome, Kasperske Bris, NORARS Subarra, NORARS Subarra, NORARS Array B, NORARS Array B, HSKC, KHC, GERES Array B, GPC, Dobruska-Polom, KRCL, WRR, CMAR, NWAOW, NEIC 08 05:36:59.6+1.5, MEX 08 05:36:59.9+1.1, ISC 08 05:36:56.5+1.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, H, m, s, ISC. Includes stations like Las Esperanzas, Pocosol, Rio Macho, Canoas, Volcan, Honda, Huntsville, TX, TX31, TX32, BRDY, BRDY, Washetta, Mont, Waxahatchie, Vernon, Mt. Pleasant, India Mountain, Wichita Falls, WTF5, WTF5, Carrollton, Lakeview R, Y45A, Y45A, Y49A, Leonard, SAML, SAML, EDM, LLLB, Lillop, LPB18, PB18, NEIC 08 05:39:16.2+1.1, NEIC 08 05:39:18.3+3.5, ISC 08 05:39:10.9+0.8, RTAL, RTHalehu, HUEH, HUEH, PETF, ESQI, MTO3, SNET, SNET, TEIG, TEIG, CNGN, CNGN, MATN, MATN, ACON, ACON, ORTG, ORTG, DUNO, Dulce Nombre, JTS, JTS, LCR2, LCR2, RIMA, RIMA, PEZE, PEZE, SOR, SOR, 833A, 833A, DRIO, DRIO, 4A1A, 4A1A, 435B, 435B, TXAR, TXAR, TX31, TX31, BRAL, BRAL, NOKA, NOKA, NOKA, NOKA, OK035, OK035, ROSC, ROSC, KAN12, KAN12, R32A, R32A, SDV, SDV, BAUV, BAUV, ECSD, ECSD, NVAR, NVAR, ULM, ULM, SIV, SIV, YKA, YKA, FRB, FRB, BDFB, BDFB, ILAR, ILAR, ESDC, ESDC, NB2, NB2, NOA, NOA, ARCES, ARCES, ULM, ULM, TGIG, TGIG, PEIG, PEIG, PEIG, PEIG, TORD, TORD, CMAR, CMAR, NEIC 08 05:40:14.0+2.1, MHT03, MHT03, KAPI, KAPI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, H, m, s, ISC. Includes stations like KAPI, WRR, ASAR, ASAR, SONM, SONM, MKAR, MKAR, RTAL, RTHalehu, HUEH, HUEH, ESQI, ESQI, MTO3, MTO3, CRIN, CRIN, TEIG, TEIG, TEIG, TEIG, MATN, MATN, ORTG, ORTG, DUNO, DUNO, JTS, JTS, JTS, JTS, COVE, COVE, RIMA, RIMA, PEZE, PEZE, 833A, 833A, HNVL, HNVL, HNVL, HNVL, 435B, 435B, MTJD, MTJD, OZNA, OZNA, WHTX, WHTX, FW13, FW13, ALPN, ALPN, FW06, FW06, Z35A, Z35A, Z35A, Z35A, LOOK, LOOK, LOOK, LOOK, FCAR, FCAR, FCAR, FCAR, OTAV, OTAV, IMBSA, IMBSA, CBKS, CBKS, SDV, SDV, BOS, BOS, LPAZ, LPAZ, SIV, SIV, FRB, FRB, BDFB, BDFB, PLCA, PLCA, ILAR, ILAR, ESDC, ESDC, NB2, NB2, NOA, NOA, ARCES, ARCES, SIV, SIV, ULM, ULM, TGIG, TGIG, PEIG, PEIG, PEIG, PEIG, TORD, TORD, CMAR, CMAR, NEIC 08 05:44:27.5+1.2, MEX 08 05:44:28.8+0.4, ISC 08 05:44:27.7+0.7, ISC 08 05:44:27.7+0.7, Code, Station Name, Az, Phase ID, Time, Res, H, m, s, ISC.



8d 5h

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like KLUT, HAARP, G29M, etc.

2012 SEP

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like NOA, NORARS Array B, BGES, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like CRIN, ORTEGA, DUNO, etc.

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 08 05:56:54.6 0.7, 15.11N:94.18W, h0km, mb4.1/21, mblm4.2/22, ML3.9/21, Error ellipse: s-maj=24.1km s-min=11.1km az=56.0

MEX 08 05:57:01.7 0.7, 15.18N:94.49W, h20km, 21km, MD4.0 NEIC 08 05:57:04.0 2.1, 15.29N:0.99-94.1W, 0.1, h55km, 14km, mb4.6/36, Md5.1/9(MEX), Error ellipse: s-maj=18.7km s-min=11.4km az=59.0

ISC 08 05:56:59.3 0.5, 15.07N:0.05-94.38W, 0.06, h35km, n102, e160/109, mb4.2/26, Near coast of Oaxaca

IDC 08 06:02:37.9 1.0, 15.44N:0.09-94.75W, 0.02, h36km, 11km, mb4.2/27, Md3.8/26(MEX), Error ellipse: s-maj=12.7km s-min=2.5km az=185.0

MEX 08 06:02:38.2 0.4, 15.36N:94.70W, h16km, 999km, MD3.8 IDC 08 06:02:40.9 3.5, 15.49N:94.54W, h52km, 29km, mb4.0/13, mblm4.2/15, ML3.8/2, Error ellipse: s-maj=34.4km s-min=15.9km az=54.0

ISC 08 06:02:36.2 3.0, 15.42N:0.06-94.74W, 0.05, h23km, 23km, n82, e116/87, mb4.3/18, Near coast of Oaxaca

NEIC 08 06:03:47.2 1.8, 15.1N:0.1-95.23W, 0.08, h39km, 14km, mb4.2/17, Error ellipse: s-maj=18.0km s-min=7.1km az=208.0, Near coast of Oaxaca

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.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: SN01, Snyder 1, 18.46 345, P, P, 06 07 59.2, -0.5, 06 08 42.0, etc.

IDC 08 06:04:15.2-1.5, 15.74N:93.02W, h0km, mb3.9/8, mbmp3.9/9, ML3.7/1, Error ellipse: s-maj=48.2km s-min=21.7km az=52.0

ISC 08 06:04:20.8-1.1, 15.38N:02.92W:0.2, h35km, n111, r1564/11, mb4.0/8, Mexico-Guatemala border region

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

IDC 08 06:05:06.7-2.5, 15.64N:94.16W, h0km, mb3.9/7, mbmp3.9/8, ML3.3/1, Error ellipse: s-maj=91.3km s-min=25.4km az=43.0

MEX 08 06:05:10.6-0.4, 15.40N:94.69W, h16km, 1.7km, MD3.9

NEIC 08 06:05:11.4-1.2, 15.2N:01.94W:0.08, h40km, 17km, mb4.3/31, MD3.9/12(MEX), Error ellipse: s-maj=20.8km s-min=8.5km az=202.0

ISC 08 06:05:11.0-0.6, 15.33N:00.967475W:0.04, h40km, n61, r172/65, mb4.0/9, Near coast of Oaxaca

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

Table with columns: OK033, Cookes Peak, D, 20.83 328, P, Pn, 06 09 51.2, -1.0, 06 09 56.8, etc.

IDC 08 06:08:40.2/2.0, 15.30N:94.53W, h0km, mb4.3/20, mbmp4.3/21, ML3.9/1, Error ellipse: s-maj=27.0km s-min=12.2km az=56.0

MEX 08 06:08:47.1-0.8, 15.36N:94.79W, h20km, 33km, MD3.8

NEIC 08 06:08:48.4-1.9, 15.44N:0.089455W:0.06, h48km, 8km, mb4.6/50, MD5.0/25(MEX), Error ellipse: s-maj=12.9km s-min=7.5km az=192.0

ISC 08 06:08:50.5, 15.32N:0.059468W:0.04, h30km, 15km, n200, r1988/203, mb4.4/28, 3D, Near coast of Oaxaca

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

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

Table with columns: WFTS, Wichita Falls, 18.68 350, P, P, 06 12 60.0, -0.9, 06 13 15.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FFC Flin Flon, LPAZ La Paz, SIV San Ignacio, YKA Yellowknife Ar, DLBC Dease Lake, WTLY Watson Lake, Y, TGTN Hyland Airport, MIMP Sheldon Lake, FARO Faro, Yukon, BDFB Brasilia, M29M Somme Creek, F28M Old Cow, WAT6 Susitna Watana, J25K Salcha River, PLCA Paso Flores, ILAR Eielson Array, SUA Susitna One, MCK McKinley, TRF Thorofare Moun, H24K Noodor Dome, I23K Minto, Yukon-K, BPAW Gear Paw Mtn, M20K Styx River, CAST Castle Rocks, MLY Manley, Q16K King Salmon, K20K Telida, J20K Nowitna River, J19K Poorman, F21K Alatina River, F20K Avarant Lake, G19K Purcell Moun, ESDC Sonseca Array, NB2 NORARS Subarra, NOA NORARS Array B, BMRD Maredous, BGES Gesves, BCRA Clavier, ARCER ARCESS Array B, GERES GERESE Array B, FINES FINESSE Array B, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, PZH PanZhihua, CMAR Chiang Mai Arr, MEX 08 06:13:11.4-0.7, 15:00N:94:28W, h17km, 48km, MD4.1, IDC 08 06:13:12.5-4.0, 15:28N:94:24W, h53km, 34km, mb3.7/9, s-min=18.3km az=53.0, NEIC 08 06:13:16.6-1.5, 15:35N:0:07:93:9W:0.1, h70km, 7km, mb4.3/20, MD4.1/0.6, Error ellipse: s-maj=17.5km s-min=7.7km az=68.0, ISC 08 06:13:10.8-0.8, 15:12N:0:07:94:26W:0:07, h35km, n61, o1559/65, mb4.1/1.1, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OZNA OZNA, WHTX Lake Whitney, WHTX Lake Whitney, WBMS Vicksburg, FW13 Cleburne, 143A Soes Landing, 143A Soes Landing, Z38A Mt. Pleasant, PECS Pecos, PECS Pecos, WLAR White Oak Lake, WLAR White Oak Lake, ODSA Odessa, ODSA Odessa, FNO Franklin, AMTX Amarillo, OK02 Battle Ridge R, OK032 Salt Plains WL, ROSC El Rosal, T50A Nancy, T50A Nancy, TZTN Tazewell, SDV Santo Domingo, NVAR Mira Array B, ULM Lac du Bonnet, BOAV Boa Vista, BOAV Boa Vista, SIV San Ignacio, ILAR Eielson Array, ESDC Sonseca Array, NB2 NORARS Subarra, NOA NORARS Array B, ARCER ARCESS Array B, MEX 08 06:21:55.2-8.8, 15:61N:94:46W, h0km, mb3.5/3, mbmt3.4/4, ML3.5/1, Error ellipse: s-maj=253.1km s-min=59.0km az=24.0, Near coast of Oaxaca, Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC, TXAR Lajitas Array, NVAR Mina Array B, ILAR Eielson Array, NOA NORARS Array B, MEX 08 06:22:32.6-0.3, 15:02N:94:47W, h30km, MD3.9, Near coast of Oaxaca, Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC, NILT Santiago Nilte, HUIG Huatulco, HUIG Huatulco, PANG Puerto Angel, TGIG Tzuciguan, VHO Vista Hermosa, VHO Vista Hermosa, MEX 08 06:26:18.8-0.4, 15:41N:94:71W, h13km, 999km, MD4.9, NEIC 08 06:26:19.1-3.0, 15:45N:0:09:94:63W:0.06, h47km, 5km, mb4.3/46, MD4.9/1.1(MEX), Error ellipse: s-maj=13.4km s-min=7.8km az=197.0, IDC 08 06:26:21.4-2.8, 15:48N:94:35W, h72km, 24km, mb4.1/20, mbmt4.3/22, Error ellipse: s-maj=12.8km s-min=10.1km az=55.0, ISC 08 06:26:15.9-1.7, 15:40N:0:06:94:57W:0:05, h23km, 12km, n215, o1155/221, mb4.5/28, Near coast of Oaxaca, Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC, NILT Santiago Nilte, HUIG Huatulco, HUIG Huatulco, PANG Puerto Angel, TGIG Tzuciguan, VHO Vista Hermosa, VHO Vista Hermosa, RHAL Retalhuleu, RHAL Retalhuleu, RHAL Retalhuleu, PEZE Puerto Escondido, PEZE Puerto Escondido, PEIG Puerto Escondido, PEIG Puerto Escondido, OXIG Oaxaca, OXIG Oaxaca, VHO Vista Hermosa, VHO Vista Hermosa, RHAL Retalhuleu, RHAL Retalhuleu, RHAL Retalhuleu, MTF Flores, ESQI Esquipulas, MTO3 Montecristo, MTO3 Montecristo, SNET Serv Nac Est T, SNET Serv Nac Est T, TGUH Tegucigalpa, Un, CRIN San Cristobal, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, COVE Coope Vega, Sa, LCR2 La Lucha, RIMA Rio Macho, PEZE Perez Zeledon, SOR Soroa, HNDO Honddo, DRIO Del Rio, TGX2 Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX31 Lajitas Ar. Si, BRDY Brady, BRDY Brady, OZNA Ozona

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCT Junction City, TXAR Lajitas Array, TXAR Lajitas Array, OZNA Ozona, OZNA Ozona, ALPN Alpine, ALPN Alpine, FW13 Cleburne, FW07 Weatherford, FW07 Weatherford, SGGY Sterling City, SGGY Sterling City, FW06 Azle, FW06 Azle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, Z35A Perchaven, San, Z35A Perchaven, San, PECS Pecos, PECS Pecos, ODSA Odessa, ODSA Odessa, WLAR White Oak Lake, WLAR White Oak Lake, 352A Blakely, APMT Aspermont, APMT Aspermont, LOOK Love County, LOOK Love County, Z47A Carrollton, Z47A Carrollton, LRAL Lakeview Retre, LRAL Lakeview Retre, Y45A Yeager Farm, C, Y45A Yeager Farm, C, MNTX Cornudas Mount, MNTX Cornudas Mount, DKNS Dickens, DKNS Dickens, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MSTAR Muleshoe, MSTAR Muleshoe, MSTAR Muleshoe, UREC San Jose de Ur, PLAL Pickwick Lake, PLAL Pickwick Lake, AMTX Amarillo, AMTX Amarillo, TUL3 Leonard, TUL3 Leonard, GOGA Godfrey, GOGA Godfrey, 121A Cooke Peak, D, 121A Cooke Peak, D, 121A Cooke Peak, D, U38A Gravette, U38A Gravette, JAMC Jamundi, Valles, JAMC Jamundi, Valles, GUY2C Guyana, Caldes, GUY2C Guyana, Caldes, WVT Waverly, WVT Waverly, WVT Waverly, OK032 Salt Plains WL, BBAC Balboa, Cauca, KAN13 South Haven SW, ANIP Santa Ana, ANIP Santa Ana, KAN01 Argonia Sout, KAN01 Argonia Sout, KAN12 Harter NIS Stat, GCUF Volcan Galeras, ORTC Ortega, Tolima, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, SPBC Cedar Bluffs, TKL Tuckaleechee C, TUC Tucson, ROSC El Rosal, ROSC El Rosal, CCM Cathedral Cave, PAMC Pamplona, Colo, KMCS Kings Mountain, RUSC La Rusia, CHOC Chingaza, FLOC Florencia, R32A Long Quarter, R32A Long Quarter, X18A Snowflake, KSU1 Kansas State U, CBKS Cedar Bluff, WCI Wyandotte Cave, SDCO Great Sand Dun, SDCO Great Sand Dun, SDV Santo Domingo, KSCO Kaye Shedlock, S22A Jura Ranch, C, MVCO Mesa Verde, WUAZ Wupatki, WUAZ Wupatki, WUAZ Wupatki, N38A Joes South For, HDIL Hopedale, P49A Miami Univ. Ec, SFIN Lafayette, O48B Farmland, ISCO Idaho Springs, BC3 Big Chuckwall, SCIA State Center

Table with columns: Station ID, Name, Time, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like P52A, HMU, O53A, JFWS, ECSD, FURC, MPMC, SPMN, PDAR, HVU, ELK, NVAR, NVAR, REDW, FXYW, RLMT, YNE, MDDND, HLID, AGMN, B35A, BOZA, ULM, EGMT, CHMT, MISO, F10A, ETMB, NEW, SAML, LPAZ, SIV, YKA, WTLY, R33M, FRB, TGNT, WHY, MMPY, FARO, BDFB, M29M, L29M, I30M, MCARA, INK, SCRK, J26L, K24K, F28M, G27K, WAT6, J25K, PMR, PLCA, HDA, ILAR, SUAR, MCK, SKT, G25K, TRF, H24K, I23K, Q18K, G24K, BPAW, M20K, CAST, N19K, MLY, O18K, M19K, I21K, K20K, O17K, J20K.

Table with columns: Station ID, Name, Time, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like I20K, J19K, E22K, N16K, F21K, EKA, ESDC, NOA, ARCES, MKAR, HHC, BOZA, WRA, ASAR, PZH, CMAR, NEIC, NAO, IDC, MOS, BER, KOLA, DNK, BGR, ISC, Code, Station Name, Az, El, P, M, Time, Res, ISC. Includes NEIC 06:32:12.8, 1.5, 72.63N, 0.08, 3.9E, 0.2, h10km, 1km, mb4, 7/31, Error ellipse: s-maj=14.6km s-min=11.6km.

Table with columns: Station ID, Name, Time, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes stations like HEF, KEV, ANATUK, NISHLIK, ALTA, EKAD, NORSAR, ARCES, MAKANCHI, HUHO, BOSHA, WARRANGUMA, ALICE, PANCHE, CHIANG, SKAR, ASK, NORA, NROA, SUMM, SUGC, SUGC, LRW, LRW, LRW, HFS, HFS, BLS, STR, AAL, FIAO, FINES, FINES, MNET, VIKU, ONAU, MTSE, DELAY, SLIT, VSU, VJU, EKA, EKA, ILULI, ILULI, BSD, PABU, RGN, PRGR, PABE, EUNU, NACGM, SUW, SUW, SUW, NRDL, FLTG, MNSK, MNSK, MNSK, MNSK, MNSK, CLZ, BUG, KASTN, KAH, CLL, CLL, CLL, CLL, CLL.



Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NEUBURG, MOSCOW, BELSK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MOA, NRIK, CONA, BIOA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CSS, COLA, ILAR, DGZ, etc.

NEIC 06:33:17.6r.1.6, 14:9N:0.1:93:77W:0.09, h63km, 11km, mb4.0/33, Error ellipse: s-maj=16.9km s-min=10.3km az=21.0

IDC 06:33:18.3r.3.9, 14:76N:93:82W, h73km, 32km, mb3.6/6, mbmp3.8/10, Error ellipse: s-maj=46.7km s-min=18.5km az=46.0

ISC 06:33:16.0r.0.8, 14.3N:0.1:93.8W:0.1, h50km, n62, 0:0597/62, mb4.0/12, Near coast of Chiapas

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like RTAL, RUEH, MTO3, etc.

8d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like HPIG Junction City, TX31 Lajitas Ar. Si, etc.

UTC 08:06:34:30.8-1.5, 15:20N:94:37W, h0km, mb3.8/8, mbmp3.8/9, ML3.7/1, Error ellipse: s-maj=49.1km s-min=20.4km az=49.0

UTC 08:06:34:37.6-1.5, 15:27N:10:94:35W, h0, h46km, 11km, mb4.2/24, Error ellipse: s-maj=17.2km s-min=9.8km az=223.0

ISC 08:06:34:35.4-0.8, 15:22N:0:09:94:4W:0:1, h28km, n45, r1503/45, mb4.1/9, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like RTAL Retalhuleu, HUEH Huehuetenango, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like AMTX Amarillo, OK052 Battle Ridge R, etc.

ROM 08:06:35:02.0-1.2, 42:57S:0:00:03:13:336E:0:00:4, h14km, ML1.6/5, 5C-1D, Error ellipse: s-maj=0.3km s-min=0.1km az=91.0, Central Italy

ISC 08:06:37:58.0-8.7, 15:66N:94:66W, h0km, mb3.6/2, mbmp3.6/3, ML3.9/1, Error ellipse: s-maj=169.3km s-min=47.1km az=178.0

NEIC 08:06:38:04.4-1.1, 15:33N:0:1:94:2W:0:1, h44km, 14km, mb4.2/29, Error ellipse: s-maj=20.8km s-min=11.8km az=49.0

ISC 08:06:38:02.3-1.0, 15:4N:0:1:94:4W:0:1, h40km, n42, r095/42, mb3.7/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like RTAL Retalhuleu, HUEH Huehuetenango, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like BOAV Boa Vista, SAML Samuel, etc.

IDC 08:06:44:10.1-1.7, 15:11N:94:58W, h0km, mb3.6/4, mbmp3.6/5, ML3.6/1, Error ellipse: s-maj=56.6km s-min=25.2km az=48.0

MEX 08:06:44:17.3-0.7, 15:49N:94:79W, h13km, 11km, MD3.7, ISC 08:06:44:13.2-2.1, 15:33N:0:09:94:65W:0:05, h17km, 12km, n15, s22/23, mb3.6/4, Near coast of Oaxaca

NEIC 08:06:53:34.8-0.9, 37:00N:104:104:95W:0:02, h6km, 7km, mb\_Lg, 2.7, ML3.6/52, Error ellipse: s-maj=6.6km s-min=2.0km az=175.0

ANF 08:06:53:35.3-0.4, 37:03N:104:95W, h0km, ML3.8/11, Error ellipse: s-maj=4.3km s-min=3.4km az=141.0

ISC 08:06:53:36.6-0.8, 37:03N:104:95W:0:03, h10km, n43, r131/47, Colorado

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like T25A Trinidad, SDCO Great Sand Dun, etc.

Table with columns: APMT, WMOK, WTFS, QUOK, T35A, LOOK. Includes station names, coordinates, and times.

NEIC 08 06:55:57.1±2.6, 15.45°N, 0.09°W, h0km, mb3.6/3, mbt3.5/4, ML5.5/1, Error ellipse: s-maj=12.6km

MEX 08 06:55:59.0±0.6, 15.67°N, 94.92°W, h57km, mb3.8/3, mbt3.8/3, ML3.8/3, Error ellipse: s-maj=17.7km

Main table for NEIC and MEX stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

IDC 08 06:58:27.2±3.0, 53.63°N, 87.16°E, h0km, mbt3.8/1, ML2.6/1, Error ellipse: s-maj=27.7km

Table for IDC station ZALESOVO INFRA. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

IDC 08 06:58:28.9±6.6, 15.15°N, 94.23°W, h0km, mb3.6/3, mbt3.5/4, ML5.5/1, Error ellipse: s-maj=113.5km

MEX 08 06:58:50.4±0.4, 16.41°N, 95.04°W, h109km, mb2.2km, MD3.9, Error ellipse: s-maj=168.0km

Main table for IDC and MEX stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

NEIC 08 07:01:09.7±2.0, 14.9°N, 0.1°E, h36km, mb3.6/9, mbt3.6/9, ML3.9/2, Error ellipse: s-maj=18.6km

IDC 08 07:01:14.4±3.9, 15.29°N, 93.81°W, h65km, mb3.6/9, mbt3.9/11, ML3.9/2, Error ellipse: s-maj=55.8km

Main table for NEIC and IDC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

Main table for stations LCR2 through OXLC. Columns: Station Name, Azimuth, Phase ID, Time, Residuals.

IDC 08 06:58:27.2±3.0, 53.63°N, 87.16°E, h0km, mbt3.8/1, ML2.6/1, Error ellipse: s-maj=27.7km

Table for IDC station ZALESOVO INFRA. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

IDC 08 06:58:28.9±6.6, 15.15°N, 94.23°W, h0km, mb3.6/3, mbt3.5/4, ML5.5/1, Error ellipse: s-maj=113.5km

MEX 08 06:58:50.4±0.4, 16.41°N, 95.04°W, h109km, mb2.2km, MD3.9, Error ellipse: s-maj=168.0km

Main table for IDC and MEX stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

NEIC 08 07:01:09.7±2.0, 14.9°N, 0.1°E, h36km, mb3.6/9, mbt3.6/9, ML3.9/2, Error ellipse: s-maj=18.6km

IDC 08 07:01:14.4±3.9, 15.29°N, 93.81°W, h65km, mb3.6/9, mbt3.9/11, ML3.9/2, Error ellipse: s-maj=55.8km

Main table for NEIC and IDC stations. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

Main table for stations OXBJ through OXLC. Columns: Station Name, Azimuth, Phase ID, Time, Residuals.

IDC 08 07:07:21.1±1.6, 15.56°N, 94.36°W, h0km, mb3.5/6, mbt3.5/8, ML3.6/2, Error ellipse: s-maj=52.5km

IDC 08 07:07:20.7±1.3, 15.6°N, 92.94°W, h35km, n9, n12/9, mb3.4/6, Near coast of Oaxaca

Main table for IDC station near coast of Oaxaca. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

IDC 08 07:09:52.2±3.0, 54.52°N, 83.52°E, h0km, mbt3.8/1, ML2.9/1, Error ellipse: s-maj=22.2km

Main table for IDC station near coast of Chiapas. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

ML3.8/15, MLv3.5/37, Error ellipse: s-maj=0.0km s-min=0.0km az=142.1, confirmed

NOU 08 07:14:17.1, 41.76S, 174.45E, h9km, MLv4.0/7, Cook Strait, New Zealand

ISC 08 07:14:17.2±0.9, 41.69S±0.03, 174.29E±0.02, h17km±7km, n87, r121/86, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

IDC 08 07:18:47.6±1.5, 15.35N±94.58W, h0km, mb3.8/3, mbmp3.8/4, ML3.6/1, Error ellipse: s-maj=51.8km s-min=29.1km az=48.0

MEX 08 07:18:49.4±0.3, 15.14N±94.77W, h16km±99km, MD3.9

ISC 08 07:18:50.9±1.1, 15.33N±94.80W±0.06, h33km±n8, r174/11, mb4.0/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

IDC 08 07:20:29.3±3.6, 15.97N±93.61W, h0km, mb3.8/7, mbmp3.8/8, ML3.7/1, Error ellipse: s-maj=80.7km s-min=32.0km az=18.0

MEX 08 07:20:33.7±0.7, 15.45N±94.85W, h27km±18km, MD4.0

NEIC 08 07:20:33.7±0.7, 15.45N±94.85W, h27km±18km, MD4.0

ISC 08 07:20:33.7±0.7, 15.45N±94.85W±0.05, h37km±n60, r173/63, mb4.0/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

Table with columns: WHO, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 2017 SEP event.

MEX 08 07:21:09.6±0.6, 15.72N±95.01W, h16km±16km, MD3.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

IDC 08 07:23:35.6±1.9, 15.32N±94.71W, h0km, mb3.5/3, mbmp3.5/4, ML3.7/1, Error ellipse: s-maj=57.8km s-min=29.0km az=46.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX event.

ANF 08 07:24:08.0±0.2, 66.28N±135.63W, h23km±2km, ML3.6/35, Error ellipse: s-maj=1.7km s-min=1.4km az=109.0

PGC 08 07:24:09.0±0.6, 66.28N±135.63W, h20km±1km, MD3.5/20, 137km southwest of Fort McPherson, Nt Northern Yukon Territory, Canada

OTT 08 07:24:09.0±0.6, 66.28N±135.63W, h20km

ISC 08 07:24:07.7±1.6, 66.28N±135.64W±0.03, h17km±12km, n94, r107/103, Northern Yukon Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the ANF event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 2017 SEP event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Coldfoot, McCarthy VSAT, Chitina Glacie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEIG Tepich, CRIN San Cristobal, MATN Matagalpa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATN Matagalpa, BOAB BOACO BROADBAND, ACON Acopya, etc.

IDC 08 07:25:55.4-6.9, 15:67N;94:39W, h0km, mb3.7/4, mbmp3.8/5, ML4.2/1, Error ellipse: s-maj=123.6km

NEIC 08 07:25:56.8, 1.8, 15:19N;10:94:18W;0:10, h42km, 15km, mb4.1/24, Error ellipse: s-maj=14.7km s-min=13.0km

ISC 08 07:25:56.0-1.2, 15:22N;10:94:27W;0:11, h35km, n39, c093/39, mb4.0/7, Near coast of Oaxaca

Main station list table for the first section, including stations like RTAL Retalhuleu, PUEH Huehuetenango, FLORES Flores, etc.

IDC 08 07:33:02.1-2.0, 2:10N;126:60E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=166.4km

s-min=25.4km az=65.0, Northern Molucca Sea

IDC 08 07:38:36.0-0.9, 15:50N;10:06:94:71W;0:04, h47km, 10km, n154, c170/164, mb4.3/21, IC, Near coast of Oaxaca

Main station list table for the second section, including stations like SN01 Snyder I, WFTS Witchita Falls, MNTX Cornudas Mount, etc.

IDC 08 07:30:32.1-1.0, 15:32N;94:70W, h0km, mb4.0/10, mbmp4.0/11, ML4.2/1, Error ellipse: s-maj=39.2km

s-min=16.6km az=50.0

MEX 08 07:30:38.7-0.5, 15:85N;95:01W, h85km, 24km, MD4.1

NEIC 08 07:30:39.6-2.6, 15:6N;0:1:94:80W;0:06, h35km, 9km, mb4.4/22, Md4.1/10(MEX), Error ellipse: s-maj=15.2km

s-min=7.1km az=196.0

ISC 08 07:30:37.8-0.8, 15:48N;10:06:94:86W;0:05, h37km, 1km, n60, c193/65, mb4.2/15, Near coast of Oaxaca

Main station list table for the third section, including stations like TXAR Lajitas Array, BDFB Brasilia, ILAR Eielson Array, etc.

IDC 08 07:27:02.5-3.3, 15:33N;94:27W, h0km, mb3.7/4, mbmp3.7/5, ML3.6/1, Error ellipse: s-maj=122.4km

s-min=34.0km az=48.0, Near coast of Oaxaca

Main station list table for the fourth section, including stations like TXAR Lajitas Array, BDFB Brasilia, ILAR Eielson Array, etc.

IDC 08 07:38:36.8-1.4, 15:29N;94:72W, h19km, 999km, MD4.0

NEIC 08 07:38:6.2-5, 15:58N;10:09:94:64W;0:06, h46km, 13km, mb4.4/54, MD5.3/14(MEX), Error ellipse: s-maj=13.8km

s-min=7.8km az=191.0

IDC 08 07:38:23.3-6, 15:66N;94:32W, h55km, 31km, mb3.8/11, mbmp4.1/13, ML4.3/2, Error ellipse: s-maj=28.3km

s-min=16.4km az=54.0

ISC 08 07:38:36.0-0.9, 15:50N;10:06:94:71W;0:04, h47km, 10km, n154, c170/164, mb4.3/21, IC, Near coast of Oaxaca

Main station list table for the fifth section, including stations like NILT Santiago Nilte, HUIG Huatulco, PANG Puerto Angel, etc.

IDC 08 07:30:32.1-1.0, 15:32N;94:70W, h0km, mb4.0/10, mbmp4.0/11, ML4.2/1, Error ellipse: s-maj=39.2km

s-min=16.6km az=50.0

MEX 08 07:30:38.7-0.5, 15:85N;95:01W, h85km, 24km, MD4.1

NEIC 08 07:30:39.6-2.6, 15:6N;0:1:94:80W;0:06, h35km, 9km, mb4.4/22, Md4.1/10(MEX), Error ellipse: s-maj=15.2km

s-min=7.1km az=196.0

ISC 08 07:30:37.8-0.8, 15:48N;10:06:94:86W;0:05, h37km, 1km, n60, c193/65, mb4.2/15, Near coast of Oaxaca

Main station list table for the sixth section, including stations like NILT Santiago Nilte, HUIG Huatulco, PANG Puerto Angel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BARC Barichara, KMSC Kings Mountain, PAMC Pamplona, GARC Garzon, T25A Trinidad, RUSC La Rusia, CHIC Chingaza, KSU1 Kansas State U, KSU1 comp=Z,16nm,1.0s, KSU1 Kansas State U, CBKS Cedar Bluff, WCI Wyandotte Cave, OLIL Olney, P40A Paris, P38A Dawn, P38A comp=Z,16nm,1.1s, X16A Lo Mia Camp, SDCO Great Sand Dun, P43A Skaggs, P43A comp=Z,9.0nm,0.7s, BLO Bloomington, N38A Joes South For, HDIL Hopedale, P49A Miami Univ. Ec, IKP In-Ko-Pah, SCIA State Center, P52A Corning, O53A New Philadelph, ECSD EROS Data Cent, SUSD Miller, SPMN Marine on St, GLMI Grayling, NVAR Mina Array Bea, RLMT Red Lodge, SADO Sadowa, EYMN Ely, AGHM Agassiz Nation, SGMN Schefferville, SIV San Ignacio, YKA Yellowknife Ar, BDFB Brasilia, ILAR Eielson Array, TOLK Toolik Lake Re, NB2 NORSAR Subarra, NOA NORSAR Array B, ARCES ARCES Array B, PZH PanZhiHu

IDC 08 07:44:28.5±8.7, 15:03N:94:39W, h0km, mb3.5/2, mbtmp3.4/3, ML4.6/2, Error ellipse: s-maj=165.7km s-min=49.5km az=174.0

MEX 08 07:44:33.0±0.4, 15:14N:94:54W, h49km, 145km, MD3.8

ISC 08 07:44:35.5±1.8, 15:44N:02:94:54W±0:07, h35km, n8, r177/12, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NILT Santiago Nilte, HUIG Huatulco, TGIG TGIG, PEIG Puerto Escondi, TEIG Tepich, TXAR Lajitas Array, NVAR Mina Array Bea, ILAR Eielson Array

IDC 08 07:46:10.9±1.3, 3:01S:129:72E, h0km, mb3.9/3, mbtmp3.9/5, ML4.1/2, Error ellipse: s-maj=37.7km s-min=22.3km az=91.0

DJA 08 07:46:14.8±1.5, 3:5S:13:0E±, h17km±16km, M3.7/9, MLV3.7/9

ISC 08 07:46:14.9±1.0, 2:97S:07:129:69E±0:07, h28km, n10, r148/11, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSAI Masohi, BNDI Bandanaira, FAKI Fak Fak, NLAJ Namlea, SJJI Sorong, SWI Sorong, WRA Warramunga Arr, ASAR Alice Springs, MKAR R Mikancanji Array, KURBB Kurchatov Arr

NEIC 08 07:46:17.4±1.5, 15:47N:0:05:94:77W±0:07, h38km±18km, mb4.1/20, Md4.0/8(MEX), Error ellipse: s-maj=10.5km s-min=5.8km az=53.0

MEX 08 07:46:19.3±0.5, 15:67N:94:85W, h68km±19km, MD4.0

IDC 08 07:46:20.2±4.0, 15:59N:94:48W, h59km±32km, mb3.4/5, mbtmp3.7/7, ML3.7/2, Error ellipse: s-maj=37.1km s-min=23.7km az=23.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NILT Santiago Nilte, HUIG Huatulco, TGIG TGIG, PEIG Puerto Escondi, RTAL Retalhuleu, HUEH Huehuetenango, PETF Flores, ESQI Esquipulas, MTO3 Montecristo, SNET Serv Nac Est T, TEIG Tepich, CRIN San Cristobal, BOAC BOAC BROADBA, ORTO Ortega, DUNO Duno Numbre, JTS Las Juntas de, HNDO Hondo, DRIO Del Rio, 435B Jarrell, JCT Junction City, SAND Sanderson, TX32 Lajitas Array, TXAR Lajitas Array, BRDY Brady, OZNA Ozona, WHTX Lake Whitney, ALPN Alpine, FW14 Alvarado, SGCY Sterling City, FW06 Azte, ABTX Abilene, Hawle, ABTX, FW03 Perrin-Whitt E, 425A Indio Mountain, APMT Aspermont, POST Post, LOOK Love County, DKNS Dickens, X34A Smith Ranch, ANMO Albuquerque, NVAR Mina Array Bea, SAML Samuel, ILAR Eielson Array, ESDC Sonaca Array, NOA NORSAR Array B, WRA Warramunga Arr

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, USSS 08 07:51:09.5±0.7, 42:56N:0:01:11:42W±0:02, h6km±4km, Error ellipse: s-maj=2.6km s-min=1.5km az=122.0

NEIC 08 07:51:09.4±0.4, 42:57N:0:01:11:41W±0:02, h6km±5km, ML3.2/90, ML3.3/15(USS), Error ellipse: s-maj=2.6km s-min=1.5km az=131.0

ISC 08 07:51:09.7±0.9, 42:57N:0:02:11:44W±0:03, h8km±7km, n77, r154/87, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ID06 Fossil Canyon, ID05 Sulphur Canyon, AHID Auburn Hatcher, GRRI Grays Lake, ECR Eagle Creek, BEI Bear River Ran, BMUT Black Mountain, L17A Koivelle, MLI Malad Range, HDU Hyde Park, NPI North Pocatell, REDW Red Top Meadow, PTU Portage, HWUT Hardware Ranch, WVUT Wellsville, WCUT Monte Cristo P, FXWY Fox Creek, LRU Little Mountain, HUU Hansel Valley, MOOW Moose Ponds, IMW Indian Meadow, EPU East Promontor, BW06 Boulder Array, BW06 Boulder Array, TCUT Tones Canyon, SPUT South Promontor, SPUT, MCID Moose Creek

IDC 08 07:51:18.1±2.8, 15:93N:94:52W, h0km, mb4.0/2, mbtmp4.0/4, ML4.1/2, Error ellipse: s-maj=67.2km s-min=31.1km az=29.0

NEIC 08 07:51:19.9±1.6, 15:55N:0:08:94:68W±0:02, h37km±16km, mb4.3/18, Md4.0/12(MEX), Error ellipse: s-maj=11.2km s-min=2.8km az=176.0

MEX 08 07:51:22.3±0.5, 15:72N:94:78W, h52km±46km, MD4.0

ISC 08 07:51:16.4±1.8, 15:54N:0:06:94:72W±0:04, h10km±12km, n57, r192/63, mb4.0/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NAIU Northern Antel, YPP YPP, CTU Camp Tracy, CTU, H17A Grant Village, H17A Grant Village, H17A, BGU Big Grassy Mou, BGU, BSUT Blindstream Ca, LKWW LKWW, LKWW, YNR Norris Junction, YNY New Canyon, YHH Holmer Hill, YHL Hebgen Lake, YHL, YMP Mirror Lake Pla, HLID Hailey, HLID, HLID, HLID, YNE Yellowstone No, NLU North Lily Min, RLMT Red Lodge, RLMT Red Lodge, RLMT, BOZ Bozeman (W), BOZ, BOZ, BOZ, P18A Preston Tunnel, P18A, P18A, RWWY Rawlins, RWWY, TMUT Trail Mountain, TMUT, ELK Elko, ELK, O20A White River Ci, O20A, O20A, SRU San Rafael Swe, SRU, K22A Casper, K22A, K22A, TCRU Three Creeks R, TCRU, TCRU, MVU Marysvale, MVU, MVU, PLID Pearl Lake, PLID, SPR3 Spring Creek, SPR3, SPR3, BEMT Mount Belmont, PSUT Pine Spring, PSUT, PSUT, N23A Red Feather La, N23A Red Feather La, CHMT Chamberlain Mo, MISO Missoula, H2U Henry Mountain, R11B Troy Canyon, LAO L.A.S.A. Array, EGMT Eagleton, S22A 4UR Ranch, Cre, TPNV Topopah Spring

IDC 08 07:51:18.1±2.8, 15:93N:94:52W, h0km, mb4.0/2, mbtmp4.0/4, ML4.1/2, Error ellipse: s-maj=67.2km s-min=31.1km az=29.0

NEIC 08 07:51:19.9±1.6, 15:55N:0:08:94:68W±0:02, h37km±16km, mb4.3/18, Md4.0/12(MEX), Error ellipse: s-maj=11.2km s-min=2.8km az=176.0

MEX 08 07:51:22.3±0.5, 15:72N:94:78W, h52km±46km, MD4.0

ISC 08 07:51:16.4±1.8, 15:54N:0:06:94:72W±0:04, h10km±12km, n57, r192/63, mb4.0/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NILT Santiago Nilte

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 344A Westbrook Farm, 344A Westbrook Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 344A Westbrook Farm, 344A Westbrook Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 344A Westbrook Farm, 344A Westbrook Farm, etc.

IDC 08 07:56:45.8-2.9,54:17N:86.70E, h0km, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=23.4km s-min=14.3km az=59.0, Southwestern Siberia

IDC 08 07:56:45.8-2.9,54:17N:86.70E, h0km, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=23.4km s-min=14.3km az=59.0, Southwestern Siberia

IDC 08 07:56:45.8-2.9,54:17N:86.70E, h0km, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=23.4km s-min=14.3km az=59.0, Southwestern Siberia

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

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

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

NEIC 08 07:59:56.9-0.2, 15:53N:0.10:94.78W:0.06, h42km, 5km, mb4.5/3, MD5.29(MEX), Error ellipse: s-maj=15.1km s-min=7.9km az=19.0

Table with columns: IZ3K, G24K, BPAW, M20K, CAST, N19K, MLY, H22K, K20K, COLD, O17K, J20K, H21K, H21K, TTA, I20K, C24K, J19K, H20K, J18K, F21K, F20K, G19K, M14K, D20K, ESDC, NB2, NOA, ARCES, SEY, SENIN, DAVA, RETA, FETA, MOTA, SOTA, WTTA, GERES, ABTA, FINES, KBA, OBKA, CONA, SOKA, RONA, TORD, HHC, WMO, NJ2, PZH, CMAR. Each row contains station name, coordinates, and various parameters.

IDC 08 08:01:01.2-1.4; 76N:93.90W, h0km, mb4.1/7, mbmp4.0/8, ML4.2/1, Error ellipse: s-maj=58.3km s-min=22.4km az=56.0

NEIC 08 08:01:09.3-0.8, 14.9N:0.1x94.8W:0.1, h29km, 10km, mb4.3/23, Error ellipse: s-maj=20.1km s-min=6.8km az=222.0

ISC 08 08:01:08.7-0.8, 14.9N:0.1x94.8W:0.1, h35km, n43, r134/41, mb4.1/8, Op coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like MTO3, ESQI, SNET, UNIM, TEIG, ORTG, FSCY, 833A, HKT, HND0, DRI0, DRIO, 545A, 435B, TX31, TX32, TXAR, NATX, OZNA, ALPN, FW13, FW14, SGCY, FW06, ABTX, ABTX.

Table with columns: Z41A, ODSA, SN01, POST, DKNS, AMTX, X51A, NVAR, ULM, SAML, PATCX, CPUP, BDFB, ILAR, NOA, ARCES, WRA, ASAR, CMAR. Lists stations like Richland Creek, Odessa, Snyder 1, Post, Dickens, Amarillo, Calhoun, Mina Array Bea, Lae du Bonnet, Samuel, Punta Patache, Villa Florida, Brasilia, Elision Array, NORARS Array B, ACCESS Array B, Warramunga Arr, Alice Springs, Chiang Mai Arr.

IDC 08 08:16.8:1.2, 27.37N:101.19E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=47.4km s-min=20.1km az=67.0, Sichuan

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

IDC 08 08:05:29.1-6.9, 23.63N:97.17E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=80.3km s-min=24.9km az=59.0, Myanmar-China border region

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

NEIC 08 08:06:09.2:1.4, 15.8N:0.1x95.00W:0.05, h35km, 18km, mb4.3/20, MD3.9/21 (MEX), Error ellipse: s-maj=15.6km s-min=6.6km az=196.0

MEX 08 08:06:10.2:0.4, 16.09N:95.20W, h72km, 6km, MD4.0, IDC 08 08:06:12.5:3.7, 15.85N:94.64W, h68km, 34km, mb3.7/6, mbtmp3.9/8, ML3.8/2, Error ellipse: s-maj=30.1km s-min=17.6km az=51.0

ISC 08 08:06:08.6-0.6, 15.88N:0.06x95.08W:0.04, h49km, n69, az=17/68, mb4.0/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like NILT, HUIG, HUIG, HUIG, PANG, PANG, PANG, NEUV, OXLC, OXBJ, OXBJ, OXBJ, VHO, VHO, VHO, PEIG, PEIG, TGIG, TGIG, TGIG, TGIG, PMUJ, PMUJ, PMUJ, PNIG, PNIG, PNIG, RUEH, RUEH, RUEH, SCIG, SCIG, SCIG, ESQI, ESQI, ESQI, MTO3, SNET, TGUH, TGUH, TEIG, TEIG, TEIG, CRIN, CNGN, MATN, GOAB, ACON, ORTG, DUNO, JTS, JTS, JACO, RIMA, 833A, SOB, HND0, 435B, TXAR.

Table with columns: WHTX, ALPN, SGCY, FW07, FW07, FW06, ABTX, FW03, Z35A, APMT, WFTS, X37A, MSTX, OK05, QUOK, ANMO, BOSC, SRU, NVAR, LPAZ, BDFB, PLCA, ESDC, ASAR, PZH. Lists stations like Lake Whitney, Alpine, Sterling City, Weatherford, Azle, Abilene, Hawle, Perrin-Whitt E, Perchaven, San Snyder 1, Aspermont, Witchita Falls, Clayton, Smith Ranch, Muleshoe, Battle Ridge R, Quay, Albuquerque, San Juan Bosco, San Rafael Sw, Mina Array Bea, La Paz, Brasilia, Paso Flores, Sonsea Array, Alice Springs, Panzhihua.

IDC 08 08:07:03.7:1.4, 19.43N:94.52W, h0km, mb3.9/5, mbtmp3.8/6, ML3.9/9, Error ellipse: s-maj=58.8km s-min=26.9km az=41.0

NEIC 08 08:07:06.1:1.7, 14.83N:0.07x94.47W:0.07, h46km, 11km, mb4.2/25, MD3.9/9 (MEX), Error ellipse: s-maj=12.9km s-min=6.5km az=222.0

MEX 08 08:07:12.9:0.4, 15.44N:94.67W, h26km, 37km, MD3.9, ISC 08 08:07:06.5-0.9, 15.02N:0.07x94.53W:0.05, h28km, n46, r158/49, mb3.7/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like NILT, PANG, PANG, PANG, TGIG, TGIG, PEIG, RTAL, HUEN, VHO, HLIG, PETF, ESQI, UNIS, SNET, TEIG, TEIG, 833A, HND0, HND0, DRIO, 435B, JARrell, JCT, JAR, BRDY, 346A, 346A, 237A, 237A, OZNA, WHTX, ALPN, ALPN, FW13, FW13, FW07, FW07, SGCY, SGCY, ABTX, ABTX, Z38A, Z38A, FW03, FW03, ODSA, ODSA, MNTX, UALR, UALR, MSTX, AMTX, ANMO, ANMO, NVAR, F10A, BDFB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like NILT, PANG, PANG, PANG, TGIG, TGIG, PEIG, RTAL, HUEN, VHO, HLIG, PETF, ESQI, UNIS, SNET, TEIG, TEIG, 833A, HND0, HND0, DRIO, 435B, JARrell, JCT, JAR, BRDY, 346A, 346A, 237A, 237A, OZNA, WHTX, ALPN, ALPN, FW13, FW13, FW07, FW07, SGCY, SGCY, ABTX, ABTX, Z38A, Z38A, FW03, FW03, ODSA, ODSA, MNTX, UALR, UALR, MSTX, AMTX, ANMO, ANMO, NVAR, F10A, BDFB.



Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ARCDES ARCESS Array B, IDC 08:08:17.47:5.9.4, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ZALV 0.6nm,0.3s,baz=70,slow=15,SNR=6.9, MKARB Kurchatov Arra, MKARB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WTF5 Love County, LOOK Love County, W35A W35A, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HUIG Huatulo, PANG Puerto Angel, PANG Puerto Angel, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like I46RU Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, ELK Elko, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MATN Matagalpa, ACON Acopya, ORTC Ortega, Santo Domingo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HUIG Huatulo, PANG Puerto Angel, PANG Puerto Angel, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WTKA Stephens Creek, STWA Warrangua Arr, PZH Panzhihua, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IDC 08:08:17.21:3.3.3,54:37N:86:83E, IDC 08:08:17.21:3.3.3,54:37N:86:83E, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like UNM Universidad Na Tegucigalpa, CRIN San Cristobal, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like 237A Washetta, WHTX Lake Whitney, BRAL Brewton, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like GUY2C Guyana, X51A Calhoun, LL6C La Loma 6 Bece, etc.



Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PBO2, VILB, LVC, LRV, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like M26K, N25K, ITAB, L26K, INK, H29M, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BPWA, PPLA, M20K, C27K, CAST, etc.





Table with columns: Station ID, Name, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like Perrin-Whitt E, Z41A, 146A, PECS, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like BOSC, S22A, MVCO, WUAZ, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like J19K, F21K, E17K, etc.

NEIC 08 09:10:21.7±2.2, 15.40N, 0:10:94.9W, 0:07, h67km±11km, mb4.5/176, Md3.97(MEX), Error ellipse: s-maj=14.7km s-min=8.6km az=198.0

Table with columns: Code, Station Name, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like NIIT, NIIT, NIIT, etc.





Table of station data for the first column, including call signs like WHTX, WHTX, ALPN, etc., frequencies, and various identifiers.

Table of station data for the second column, including call signs like ROSC, TUCSON, BARS, etc., frequencies, and various identifiers.

Table of station data for the third column, including call signs like MSO, MSO, YBH, etc., frequencies, and various identifiers.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTA, I20K, J19K, F22K, F21K, F20K, G19K, J16K, ESDC, NB2, NOA, ARCES, KHC, MKAR, BOS, STKA, WRA, ASAR, CZH, PMZ.

MEX 08 09:14:45.9-0.5, 15:59N:94:92W, h18km, 22km, MD4.2
IDC 08 09:14:47.5-0.6, 15:51N:94:80W, h63km, 69km, mb3.6/2,
mbtmp3.9/3, ML3.8/1, Error ellipse: s-maj=84.1km
s-min=42.0km az=18.0

ISC 08 09:14:44.4-0.9, 15:50N:0:09:84:85W:0:05, h37km, n20,
@174/22, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NILT, PANG, TGIG, PEIG, OXLC, NEUV, VHO, TXAR, GUYC, ILAR, ESDC, WRA, ASAR.

MEX 08 09:15:03.5-0.3, 16:39N:95:24W, h109km, 30km, MD3.9
IDC 08 09:15:04.3-0.3, 15:31N:93:94W, h74km, 28km, mb3.8/16,
mbtmp4.1/18, Error ellipse: s-maj=40.1km s-min=13.3km
az=51.0

NEIC 08 09:15:05.2-0.4, 15:3N:0:1:93:8W:0:1, h76km, 10km,
mb4.5/65, MD3.9/8(MEX), Error ellipse: s-maj=18.5km
s-min=11.1km az=11.5

ISC 08 09:15:05.3-0.7, 15:18N:0:06:93:97W:0:08, h33km, n114,
@1559/110, mb4.4/39, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGIG, RTAL, HUEH, PETF, ESQI, MTO3, SNET, TGUH, CRIN, TEIG, MATN, BOAC, ACON, ORTG, DUNO, JTS, CRON, SOCE, COVE, JACO, LCR2, PEZE, BRU2, SOR, JCT, FNO, MXTX, OKCSW, FCAR, OK029.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAMC, OK031, OK052, OK033, QUOK, ANIL, USGA, OK048, OK051, V48A, GCUF, IMBA, CROK, BLOK, SPBC, NOKA, GCOC, MGMO, KAN14, BARC, KAN01, KS20, KAN08, RUSC, V53A, CCM, R40A, ARNL, R32A, T25A, QLIL, CBKS, PTGC, P40A, P38A, BLO, N38A, HDIL, SCIA, L40A, L42A, SPMM, PDAR, F36A, CZSB, HVU, ELK, NVAR, E28A, B35A, ULM, ETMB, SAML, LPAZ, PB08, SIV, PTBL, YKA, DLBC, BDBF, ILAR, GERS, FINES, NEIC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUEH, RTAL, PETF, ESQI, MTO3, TLIG, UNM, TEIG, CRIN, CNGN, MATN, ACON, ORTG, DUNO, JTS, LCR2, RIMA, MTJD, TXAR, TX31, 237A, OZNA, 451A, FW13, ALPN, FW07, SGCY, Z41A, ABTX, 250A, PECS, ODSA, SN01, Z47A, TIGA, APMT, WFTS, LOOK, POST, CLNB, HTMS, GDLA, DKNL, MNTX, X34A, Y49A, WMOK, FNO, MXTX, OKCSW, FCAR, TUL3, Y52A, Y52A, OK029, AMTX, OK031, OK052, RLO, RLO, OK033, LCAR, QUOK, US3A, SWET, OK051, 121A, W50A, W50A, CROK, BLOK, PARMO, PBMO, T35A, OK035, GCOC, OK032, KAN13, KAN14, KAN17, KAN09, KAN01, KAN08, KAN06, KAN12, TULM.



8d 10h

Table with columns: ECAB, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like EI Cabril, Moncorvo, Mazaricos, etc.

IDC 08 09:48:16.5:3.1, 54.25N:87.07E, h0km, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=25.9km s-min=17.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

NNC 08 09:50:32.5:1.5, 54.39N:87.63E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=11.5km s-min=8.3km az=28.0, Suspected Mining explosion.

IDC 08 09:50:38.5:2.9, 54.22N:87.25E, h0km, mbtmp3.4/2, ML3.0/2, Error ellipse: s-maj=25.4km s-min=16.5km

ISC 08 09:50:31.4:2.6, 52.88N:0.05:87.0E:0.2, h0km, n9, az=247/11, 7C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like ZALESOVO INFRA, Zalesovo Array, ZAAO, ZALV, ZALV, ZALV, KURK, KURK, KURB, KURB, MK31, MK31, MKAR, MKAR, MAKZ, MAKZ, BVAR, BVAR.

IDC 08 09:55:33.5:3.5, 54.13N:87.30E, h0km, mbtmp3.1/2, ML2.8/1, Error ellipse: s-maj=31.7km s-min=19.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like ZALESOVO INFRA, Zalesovo Beam, ZALV, ZALV, KURB, KURB, MKAR, MKAR.

ANF 08 09:56:17.8:0.2, 61.41N:140.12W, h0km, 2km, ML2.8/25, Error ellipse: s-maj=1.7km s-min=1.5km az=29.0

NEIC 08 09:56:18.4:1.8, 61.41N:140.01:140.09W:0.03, h5km, 2km, ML2.7/86, ML2.7(OTT), ML2.2(AEIC), Error ellipse: s-maj=3.0km s-min=2.4km az=352.0

AEIC 08 09:56:18.3:1.7, 61.41N:140.01:140.16W:0.03, h5km, 6km, Error ellipse: s-maj=2.1km s-min=2.0km az=207.0

PGC 08 09:56:19.2:0.0, 61.41N:140.14W, h1km, ML2.4, ML2.7/26, 158km Wnw of Haines Jct., Yt Southern Yukon Territory, Canada

ISC 08 09:56:18.6:0.7, 61.40N:0.01:140.12W:0.01, h10km, n145, az=94/201, Southwestern Yukon Territory

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like Steele Glacier, Moose Creek, White River, Mount Upton, etc.

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries like Mount Upton, Talbot Arr, Logan Glacier, Chitina Glacie, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries like Windy Craggy, Chitina, Valde, Whitehorse, etc.

IDC 08 10:01:37.4:±8.8, 30.78S:179.59W, h419km, 102km, mb2.8/2, mbtmp3.7/3, Error ellipse: s-maj=95.0km s-min=39.7km az=9.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like Urewera, Christian Rise, Squaw Lake, etc.

TAP 08 10:07:36.8, 24.04N:121.51E, h18km, 1km, ML1.8, A, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like Tongmen, Chiawan, Xulin Townshi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Shilin, Hehuan Shan, Renai, etc.

JMA 08 10:08:20.3±1.7, 14°42'N, 54°77'E, h0km, mb3.8/9, mbtmp3.8/9, Error ellipse: s-maj=47.9km s-min=26.4km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Iriomote-Funau, Kuro-shima, etc.

ISC 08 10:08:20.3±1.7, 14°42'N, 54°77'E, h0km, mb3.8/9, mbtmp3.8/9, Error ellipse: s-maj=47.9km s-min=26.4km

NEIC 08 10:08:23.1±0.1, 14°6'N, 101°54.9'E, 0.2, h1km, n20, 0889/17, mb4.0/13, Owen Fracture Zone region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Minazif, Kurchatov, etc.

WEL 08 10:10:07.9±1.2, 32°S, 10°17'W, 2.3, h21km, 2gkm, M4.3/5, mb4.6/5, ML4.6/7, MLV4.5/5, Mw(mb)4.0/5, Error ellipse: s-maj=0.0km s-min=0.0km az=109.5, confirmed

ISC 08 10:10:07.1±1.3, 32°35'S, 09°17'W, 0.2, h200km, n33, 0266/35, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Green Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Puketiti, Raukumara Rang, etc.

IDD 08 10:18:47.2±0.6, 15°06'N, 94°50'W, h0km, mb4.2/17, mbtmp4.2/19, ML3.7/2, MS4.5/4, Error ellipse: s-maj=21.8km s-min=11.7km az=58.0

NEIC 08 10:18:52.2±2.6, 15°15'N, 089°47'W, 0.06, h34km, 6gkm, mb4.6/276, Md4.8/13(MEX), Error ellipse: s-maj=12.6km s-min=7.3km az=200.0

MEX 08 10:18:53.6±0.6, 15°51'N, 94°85'W, h2km, 42km, MD4.8, ISC 08 10:18:50.7±0.4, 15°08'N, 085°94'W, 0.04, h2km, n315, 0840/40/279, mb4.6/106, MS4.3/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Santiago Nille, Huatulo, etc.

ZAIG Zacatotas, COVE Coepe Vega, Sa, LCR2 La Lucha 2, RIMA Rio Macho, PEZE Perez Zeledon, BRUZ Chaparral WMA, HKT Hockley, HNDO Hondo, DRIO Del Rio

441A DeRidder, JCT Junction City, SAND Sanderson, TX32 Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar. S, BRDY Brady

NATX Nacodoches, 344A Westbrook Farm, OZNA Ozona, 237A Washetta, Mt, 346A Big Creek Wild, WHXY Lake Whitney, ALPN Alpine

FW13 Cleburne, FW14 Alvarado, VBMS Vicksburg, SGCY Sterling City, FW07 Weatherford, 143A Socs Landing, FW06 Azle

ABTX Abilene, Hawie, ZBTA Mt. Pleasant, FW03 Perrin-Whitt E, Z41A Richland Creek, Z41B Pecos, Z35A Perchaven, San, ODSA Odessa, 250A Grady, SN01 Snyder I, WLAR White Oak Lake, 352A Blakely, APMT Muleshoe, WTF5 Witchita Falls, POST Post, Z47A Carrollton, LRAL Lakeview Retre, TIGA Tifton, Y45A Yeager Farm, DKNS Dickens, MIAR Miami, X34A Smith Ranch, UALR University of, 152A Waverly Hall, MSTX Muleshoe, WHAR Woolly Hollow, OKCS OKLAHOMA CITY, AMTX Amato, PLAL Pickwick Lake, TUL3 Leonard, OK029 Liberty Lake, FCAR Ozark Folk Cen, OK031 S. Brethren Rd, GOGA Godfrey, OK033 Mehan, 319A Douglas, Y52A Lilburn, FPAL Fort Paine, 121A Cooke Peak, D, QUOK Quok, LCAR Lake Charles, OK048 Pawnee Station, X51A Calhoun, OK051 E0350 and S346, SWET Sewanee, OK038 Wagon E0070, BLOK Blackwell, W50A Signal Mountain, V48A Smith Brothers, DUNE Lazy B Ranch, T35A Sooner Cattle, OTAV Otavalo, OTAV Otavalo, WWT Waverly, OK032 Salt Plains WL, PULU Puhulaha, IMBA Imbabura, San, TULM Tulca-Chaipat, MGMO Mountain Grove, KAN09 Caldwell North, KAN10 Anthony SW Sta, W52A Murphy, KS20 Mayfield South, CLTN Cedars of Leba, CLTN Cooper Cave, KAN06 Argonia West S, ANMO Albuquerque, ANMO Albuquerque, SLOR San Lorenzo-2, BG3 Lake Jocassee, ROSC El Rosal, TUC Tucson, S39A Bolivar, V51A Loudon, JSC Jenkinsville, TKL Tuckaleehee, U49A Red Boiling Sp, T47A Sharon Grove, CCM Cathedral Cave, V53A Saluda, COHC Cochancy, R40A Maddies Statio, R40A Maddies Statio, R32A Long Quarter, ARNL Arenillas, ARNL Arenillas

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Perrin-Whitt E, Richland Creek, Pecos, etc.

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Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like 214A Organ Pipe Nat, 214A Tazewell, 214A Trinidad, etc.

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Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like EYMN Maddock, MDND Hailey, AGMN Agassiz Nitta, etc.

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Table with columns: Code, Station Name, RA, Dec, Mag, Type, and other parameters. Includes entries like DAV Davao City (W), DAV Davao City (E), DAV Ternate, etc.

Table with columns: IJAR, Matushiro Arr, 32.95 18 P, P, 10 27 29.5 +0.5, etc. Includes stations like OOD Oodnadatta, JIM Marunri, MORW Morawa, etc.

Table with columns: ILAR, Eielson Array, 83.91 25 P, P, 10 33 22.4 +0.3, etc. Includes stations like MAW Mawson, ARCES ARCESS Array B, FINES FINES Array B, etc.

Table with columns: OK051 E0350 and S346, 21.66 354 P, P, 10 48 54.4 -0.5, etc. Includes stations like U32A Winter Ranch, BLOK Blackwell, ROSC Rosal, etc.

8d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SGDS, UCH, UCH, ARLS, ARLS, DGS, KST, KST, KTBS, TNSS, TNSS.

IDC 08 10:59:44.0±2.8, 64.72N;30.86E, h0km, mbtmp2.8/3, ML2.1/3, Error ellipse: s-maj=41.6km s-min=9.2km az=104.0

KOLA 08 10:59:46.1, 64.89N;30.95E, h0km, ML2.5, Karelia ISC 08 10:59:41.2±1.4, 64.83N;0.06±31.3E;0.1, h10km, n8, r1541/12, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like APAO, APAO, LVZ, FINES, FINES, TERR, ARCES, ARCES, ARCES, ARCES, FAUS, NOA, NOA.

IDC 08 11:06:02.8±3.5, 15.16N;94.84W, h0km, mb3.7/6, mbtmp3.7/7, ML3.9/1, Error ellipse: s-maj=81.4km s-min=31.1km az=18.0

NEIC 08 11:06:12.6±2.0, 15.66N;0.08±94.94W;0.06, h44km±12km, mb4.2/73, Md4.9/20(MEX), Error ellipse: s-maj=11.5km s-min=7.7km az=192.0

MEX 08 11:06:14.3±0.9, 15.96N;94.98W, h32km, 16km, Md4.9 ISC 08 11:06:11.9±0.9, 15.71N;0.06±94.88W;0.04, h38km±2km, n123, r131/135, mb4.2/16, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NILT, NILT, HUIG, HUIG, HUIG, HUIG, PANG, PANG, PANG, PANG, TGIG, TGIG, TGIG, TGIG, PEIG, PEIG, PEIG, OXLC, OXLC, OXBJ, OXBJ, OXBJ, OXBJ, OXIG, OXIG, VHO, VHO, TUIG, TUIG, TUIG, TUIG, YOIG, YOIG, YOIG, PMUV, PMUV, TOIG, TOIG, TOIG, TOIG, TXIG, TXIG, TXIG, TXIG, HUEH, HUEH, RTAL, RTAL, TLG, TLG, PETF, PETF, ESQI, ESQI, ESQI, ESQI, MTO3, MTO3, SNET, SNET, SNET, SNET, TEIG, TEIG, TEIG, TEIG, TEIG, TEIG, CRIN, CRIN, CNGN, CNGN, MATN, MATN, BOAB, BOAB, ACON, ACON, ORTC, ORTC, DUNO, DUNO, ESPN, ESPN, JTS, JTS, JACO, JACO, L3R2, L3R2, RIMA, RIMA, 833A, 833A, HNDO, HNDO, 435B, 435B, JCT, JCT, JCT, SAND, SAND, TXAR, TXAR, TX31, TX31, TX32, TX32, BRDY, BRDY, BRDY, NATX, NATX, OZNA, OZNA, OZNA, OZNA, 237A, 237A, 237A, WHX, WHX, ALPN, ALPN, ALPN.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FW13, FW13, SGCY, SGCY, FW07, FW07, FW06, FW06, ABTX, ABTX, Z38A, Z38A, FW03, FW03, 146A, 146A, Z35A, Z35A, Z35A, APMT, APMT, WFTS, WFTS, WFTS, WFTS, LOOK, LOOK, LOOK, CCAR, CCAR, MNTX, MNTX, MIAR, MIAR, X37A, X37A, X34A, X34A, 152A, 152A, WNOK, WNOK, AMTX, AMTX, DEOK, DEOK, DEOK, TUL3, TUL3, TUL3, OK029, OK029, OK031, OK031, FCAR, FCAR, OK052, OK052, OK033, OK033, QUOK, QUOK, LCAR, LCAR, US8A, US8A, OK048, OK048, OK051, OK051, US2A, US2A, OK038, OK038, OK038, BLOK, BLOK, NOKA, NOKA, T35A, T35A, KAN13, KAN13, T42A, T42A, KAN01, KAN01, ANMO, ANMO, ANMO, ANMO, TUC, TUC, TKL, TKL, TKL, CKM, CKM, T25A, T25A, T25A, X16A, X16A, SDD2, SDD2, N38A, N38A, KNB, KNB, EROD, EROD, QSM, QSM, NV11, NV11, NVAR, NVAR, F10A, F10A, ETMB, ETMB, ETMB, SAML, SAML, LPAZ, LPAZ, ILAR, ILAR, ESDC, ESDC, ARCES, ARCES, PZH, PZH, SJA, SJA, GUC, GUC, Code, Station Name, Az, Phase ID, Time, Res, ISC.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CO03, CO03, CO03, CO03, CO01, CO01, CO01, CO01, CO02, CO02, CO02, CO02, AC05, AC05, AC05, AC05, AC05, AC04, AC04, AC04, AC04, AR0D, AR0D, AR0D, GO03, GO03, GO03, GO03, DOCA, DOCA, DOCA, DOCA, AC06, AC06, AC06, RTLS, RTLS, RTLS, VA03, VA03, VA03, VA03, ROCH, ROCH, VCA, VCA, VCA, PEL, PEL, MT02, MT02, MT05, MT05, MT05, AC01, AC01, AC01, AC01, FCH, FCH, FCH, MT03, MT03, MT03, MT03, MT09, MT09, MT01, MT01, MT01, MT01, MT01, LMEL, LMEL, BO04, BO04, BO01, BO01, BO01, BO01, BO03, BO03, BO02, BO02, BO02, TXAR, TXAR, ANMO, ANMO, NVAR, NVAR, ILAR, ILAR, NEIC 08 11:11:25.8±1.9, 15.06N;0.09±94.61W;0.07, h17km±6km, mb4.5/142, Md3.9/18(MEX), Error ellipse: s-maj=14.1km s-min=8.5km az=207.0, IDC 08 11:11:30.9±3.3, 15.20N;94.53W, h55km±29km, mb3.9/14, mbtmp4.1/16, ML3.7/2, Error ellipse: s-maj=32.4km s-min=12.6km az=54.0, IDC 08 11:11:27.1±0.5, 15.11N;0.07±94.61W;0.07, h28km, n160, r193/154, mb4.5/51, Near coast of Oaxaca, Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TGIG, TGIG, PEIG, PEIG, RTAL, RTAL, HUEH, HUEH, TLG, TLG, TLG, PETF, PETF, ESQI, ESQI, ESQI, ESQI, CRIN, CRIN, CRIN, TEIG, TEIG, TEIG, TEIG, TEIG, CNNG, CNNG, MATN, MATN, ORTG, ORTG, JTS, JTS, RIMA, RIMA, RGMO, RGMO, 833A, 833A, HKT, HKT, HNDO, HNDO.



Table with columns: Station Name, I/Amb, P, Time, Res. Includes stations like HINDO, DRIO, JCT SAND, TX31, TX32, BRDY, 344A, OZNA, 237A, WHTX, ALPN, FW13, FW14, WMBS, SGCY, 143A, ABTX, Z38A, PECS, 425A, ODSA, SN01, APMT, WTF5, POST, Z47A, MNTX, DKNS, X40A, 152A, UALR, WMOK, WHAR, X48A, DEOK, TUL3, OK029, FCAR, GOGA, OK031, Y52A, 319A, QUOK, 121A, OK048, CROK, BLOK, 448A, NOKA, T35A, WVT, OK035, KAN14, KAN17, KAN18, KAN19, KAN20, ROSC, ANMO, S39A.

Table with columns: Station Name, I/Amb, P, Time, Res. Includes stations like CGM3, TUC, U49A, T47A, SIUC, CCM, R40A, T25A, KSU1, WBS, CCKS, SDV, X16A, SDCO, KSCO, N38A, HDIL, L42A, ATAH, K38A, ECSD, SUSD, SDCO, TCUT, PDAR, HVU, NVAR, REDW, E38A, MOOV, EYMN, MDND, HLID, AGMN, B35A, DLMT, WVOR, J08A, JBMT, PLID, LYMT, ULM, ULM, CHMT, ETMB, LON, SAML, LPAZ, VILB, VILB, PTBL, BDFB, PLCA, ILAR, TRQA, ESCD, NB2, NOA, ARCES, CLL, WTKA, WRA, PZH, CMAR, MEX 08 11:25.0.0.5, 15.333N.94.57W, NILT, HUIG.

Table with columns: Station Name, I/Amb, P, Time, Res. Includes stations like TGIG, U49A, TUIG, MEX 08 11:22.8.38.80N.26.45E, ATH 08 11:22.8.38.80N.26.45E, MEX 08 11:21.00.1.0.7, MEX 08 11:25.54.6.1.9, MEX 08 11:26.10.1.7.0, MEX 08 11:25.56.0.0.7, GCG 08 11:26.10.1.7.0, ISC 08 11:25.8.0.6.15, MEX 08 11:25.54.6.1.9, MEX 08 11:25.56.0.0.7, GCG 08 11:26.10.1.7.0, ISC 08 11:25.8.0.6.15.

8d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NILT, HUIG, PANG, TGIG, PEIG, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vicksburg, Sterling City, Weatherford, etc.

512

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOGA, UREC, LCAR, Y52A, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings for French Village, La Cruz, Ortega, Tolima, Urbica, Colomb, Maddies Statio, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings for Santo Domingo, Macarena, Meta, San Juan Bosco, Rosedale, Macar, Loja, Divide, Glamis, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings for Toone Canyon, Grapevine Rang, GMN, Mountain, Marine on St., etc.

8d 11h

Table of astronomical observations for 8d 11h, listing station names, coordinates, and observation details.

2017 SEP

Main table of astronomical observations for 2017 SEP, listing station names, coordinates, and observation details.

514

Table of astronomical observations for 514, listing station names, coordinates, and observation details.

Summary text and metadata for the 514 observations, including coordinates and observation parameters.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, Power, and other technical details. Includes stations like Shoushan, Majia, Pingtung City, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, Power, and other technical details. Includes stations like Szu, WSHY, WHYT, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, Power, and other technical details. Includes stations like YHNB, ENTT, NDS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, Power, and other technical details. Includes stations like TXAR, ANMO, SDV, etc.

MEX 08 11:43:07.7-0.6, 15:79N-95:05W, h65km, 22km, MD4.7
IDD 08 11:43:09.3-2.8, 15:74N-94:85W, h58km, 24km, mb4.2/23,
mbtmp=4.5/25, ML4.3/2, MS4.7/1, Error ellipse: s-maj=2.8km

NEIC 08 11:43:12.2-1.6, 16:03N-0:08-94:54W-0:07, h68km, 3km,
mb4.8/285, Mds.2/9(MEX), Error ellipse: s-maj=12.7km
s-min=9.1km az=213.0

CGC 08 11:43:32.4-7.6, 14:48N-93:52W, h30km, MD4.9
ISC 08 11:43:08.7-0.5, 15:75N-0:04-94:93W-0:04, h56km, 4km,
1487.1/178/435, mb4.8/138, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Bandwidth, Power, and other technical details. Includes stations like NILT, HUG, PANG, etc.

8d 11h

Table with columns: ID, Name, Value, Unit, and other details. Includes entries like Hondo, Del Rio, Jarrell, Junction City, Sanderson, etc.

2017 SEP

Table with columns: ID, Name, Value, Unit, and other details. Includes entries like PBMO, KAN17, KAN09, MGMTO, etc.

516

Table with columns: ID, Name, Value, Unit, and other details. Includes entries like ISCO, U15A, OGNRE, O49A, BRIGG, SCIA, etc.







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 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: 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: 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 Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HUIG Huatulco, PANG Puerto Angel, CRIN San Cristobal, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 1211A Iamb, 1211A comp=Z,17nm,1.1s, QUOK Quok, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ARAO ARCESS Array S, KLF Kolari, HEF Hetta, etc.

Table with columns: Station Name, Date, Time, Signal, and other station-specific data. Includes stations like MTJD, OZNA, 237A, WASHETTA, etc.

Table with columns: Station Name, Date, Time, Signal, and other station-specific data. Includes stations like W35A, Y49A, 255A, MXTX, WHAR, etc.

Table with columns: Station Name, Date, Time, Signal, and other station-specific data. Includes stations like T42A, T42A, OTAV, W52A, etc.

8d 12h

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T25A Trinidad, SLM Saint Louis, V55A Taylorsville, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T57A Hopedale, HDIL Hopedale, Q51A Peebles, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like O54A Avella, JFWS Jewell Farm, P57A Homestead Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like E38A, E38A, CZSB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 163A, YBH, BOAV, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KONO, JETT, DOU, NB2, NOA, BMRD, OSLO, BGES, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OBN, OBN, OBN, KSRS, MKAR, HMC, WHQ, WMQ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OK035, WVT, COHC, P40A, X16A, etc.

Table of station data for the left column, including columns for station name, coordinates, and various parameters.

Table of station data for the middle column, including columns for station name, coordinates, and various parameters.

Table of station data for the right column, including columns for station name, coordinates, and various parameters.

Summary table at the bottom of the page with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

8d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 143A, FW07, SGCY, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PBMO, OK032, DUJN6, etc.

526

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I37A, BSUT, CPMC, etc.



Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Minto, Yukon-K, Bear Paw Mtn, Manley, etc.

IDC 08 12:54:30.2-8.7, 36.19N-71.29E, h64km, 37km, mb3.8/3, mbmp4, 0.9, ML3.7/5, Error ellipse: s-maj=121.0km, s-min=29.6km az=158.0

NNC 08 12:54:35.9-10.0, 36.60N-71.18E, h132km, 228km, mb3.3, mpv4.1, Error ellipse: s-maj=96.6km s-min=89.1km az=35.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AML, UCH, EK2S, AAK, etc.

TAP 08 12:57:54.7, 24.89N, 122.03E, h108km, 1km, ML2.6, B JMA 08 12:57:55.1-0.1, 25.1N-122.1E, h102km, MV1.7/1.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TAIWAN REGION, Santiao Chiao, TBW1, etc.

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

IDC 08 13:09:33.2-1.6, 44.74S-167.59E, h0km, mb3.3/2.1, mbmp3.5/3, ML4.5/1, Error ellipse: s-maj=60.6km s-min=24.6km az=175.0

WEL 08 13:09:34.4-0.7, 44.54S-167.7E, h5km, M4.6/30, ML4.8/7, ML4.6/30, Error ellipse: s-maj=0.0km s-min=0.0km

NOU 08 13:09:34.8, 44.14S-167.46E, h0km, ML4.8/8, South Island, New Zealand

ISC 08 13:09:35.0-1.7, 44.27S-167.52E, h8km, 11km, n73, c091/68, South Island

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













Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes header information like 'ISC 08 14:09:53.6-1.2, 15.1N, 0.1-92.8W, 0.1, h35km, n23, az=191.0' and station data for RTAL, HUEH, PETF, etc.

MEX 08 14:16:21.3-0.6, 15:78N, 94:93W, h56km, 36km, MD4.5
IDC 08 14:16:24.9-2.5, 15:27N:94:35W, h57km, 21km, mb4.0/18,
mlmp4.2/20, ML3.7/2, Error ellipse: s-maj=18.2km
s-min=12.6km az=56.0

NEIC 08 14:16:25.6-2.5, 15:44N, 10:94.0W, 0.1, h35km, 10km,
mb4.6/107, MD4.5/8(MEX), Error ellipse: s-maj=18.6km
s-min=10.9km az=50.0

ISC 08 14:16:24.0-6.1, 15:34N, 0.008-94.12W, 0.10, h50km, n24,
az=132/234, mb4.5/46, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station data for NILT, NILT, TGIG, etc.

Table with columns: POST, Iamb, Iamb, Time, Res. Includes station data for MIAR, MNTX, UALR, etc.

Table with columns: Iamb, Iamb, Time, Res. Includes station data for HVU, HVB, OMMB, etc.



535

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters for 535 stations.

SNET 08 14:24:57.8, 6.2, 16.06N-94.45W, h10km, ML5.6
MEX 08 14:24:59.5, 0.6, 15.65N-94.52W, h32km, 5.1km, MD4.6
BUJ 08 14:25:00.0, 1.0, 15.90N-94.30W, h60km, mB5.2/1,
M5.5/4.5, Ms7.5, 1.0
IDC 08 14:25:02.0, 2.0, 15.81N-94.25W, h77km, 1.7km, mb4.3/3.1,
mbmp4.6/3.3, MS4.6/2.0, Error ellipse: s-maj=14.1km
s-min=7.5km az=60.0
NEIC 08 14:25:03.7, 2.8, 15.88N-0.07-94.22W, 0.07, h83km, 7km,
mb5.1/108, Mds.3/8(MEX), Error ellipse: s-maj=11.3km
s-min=9.6km az=223.0
GCG 08 14:25:13.0, 4.4, 9.1, 15.26N-93.78W, h60km, MD4.9
ISC 08 14:24:59.3-0.6, 15.81N-0.04-94.47W, 0.04, h52km, 5km,
m679, r183/706, mb5.0/99, MS4.7/22, 1C-12D, Near coast
of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters for stations 536-970.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters for stations 1001-2000.

8d 14h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters for stations 2001-3000.

8d 14h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Santo Domingo, Newark Valley, Rosedale, San Juan Bosco, etc.

2017 SEP

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Boulder Array, Pinedale Array, Tonopah, etc.

536

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Bella Bella, Vila Bela da S, Limon Verde, etc.

Table with columns: ILAR, Eielson Array, 60.25 337 P, P, 14 35 02.8 +0.8, etc. Includes entries for E27K, VAO, RND, DIAM, PLCA, etc.

Table with columns: J16K, Anvik River, 65.32 333 P, P, 14 35 37.5 +1.8, etc. Includes entries for G17K, TBI, TBI, TBI, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes entries for CMBO, CMBO, SNT1, etc.

13:34:37. This location: 2019/04/08 13:31:24 ML. Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 3 km

THE 08 14:36:25.4, 36:51N-25:49E, h13km, 1km, ML2.97, Error ellipse: s-maj=1.9km s-min=0.6km az=115.0, ISC 08 14:36:25.6±0.8, 36:51N±0.02±25.44E±0.03, h13km, 5km, n32, ±102/53, Dodecanese Islands

GCG 08 14:39:59.1±0.7, 15:57N-95:41W, h34km, 999km, MD5.0, IDC 08 14:40:04.6±0.5, 15:27N-94:46W, h0km, mb4.5/29, mbmp4.5/31, ML4.3/2, Error ellipse: s-maj=20.6km s-min=9.8km az=58.0

BUJ 08 14:40:09.0±0.0, 15:70N-94:30W, h10km, Ms5.6/2, NEIC 08 14:40:11.0±2.9, 15:30N-07:94:69W±0.05, h41km, 7km, mb5.0/163, Md4.5/10(MEX), Error ellipse: s-maj=10.2km s-min=6.6km az=181.0

SNET 08 14:40:11.4±3.8, 15:50N-94:47W, h10km, ML5.6, MEX 08 14:40:12.0±0.8, 15:66N-94:84W, h90km, 28km, MD4.5, ISC 08 14:40:10.9±0.4, 15:37N-100:04:67W±0.03, h42km, 3km, h42km±P-P, n545, ±191/554, mb5.0/78, MS5.0/4, 8D, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes entries for NILT, HUIG, HUIG, PANG, etc.

ISK 08 14:36:24.6, 36:47N-25:27E, h7km, ML2.6/14, ATH 08 14:36:25.6, 36:52N-25:47E, h10km, 2km, ML3.0/8, Manual Solution by D.Makarits First location: 2019/04/08

8d 14h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HKT Hockley, HNDO Hondo, and many others.

2017 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 152A Waverly Hall, WMOK Wichita Mounta, and many others.

538

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PRAC Prado, V52A Sevierville, and many others.



8d 14h

comp=Z,1.8nm,0.9s,baz=339,slow=3.1,SNR=9.4  
HYB Hyderabad 146.74 12 ePKPbc PKPdf 14 59 48.2 +0.5

SNET 08 14:44:55.4-5.2,15:35N:94:80W,h10km,ML5.8  
MOS 08 14:44:57.5-1.3,15:44N:94:32W,h36km,mb5.6/36,  
M55.4/9,Error ellipse: s-maj=8.2km s-min=5.1km  
az=107.6  
BJJ 08 14:45:00.0-0.0,15:60N:94:30W,h40km,mb5.5/12,  
M5.6/22,M57.5/21  
IDC 08 14:45:00.1-2.3,15:38N:94:42W,h48km,21km,mb4.5/37,  
mbmp4.8/39,ML4.5/2,MS5.2/57,Error ellipse:  
s-maj=18.1km s-min=8.4km az=58.0  
MEX 08 14:45:00.7-0.7,15:50N:94:79W,h64km,17km,MD4.8  
NEIC 08 14:45:02.1-3.0,15:52N:0:07.94:39W,0:07,h60km,4km,  
mb5.3/259,Md5.5/8(MEX),Error ellipse: s-maj=12.1km  
s-min=7.5km az=218.0  
UCR 08 14:45:02.9-1.9,15:52N:94:39W,h60km,MB5.3(NEIC)  
GCG 08 14:45:02.3-3.9,15:24N:94:47W,h50km,MD5.2  
ISC 08 14:44:58.0-0.3,15:38N:0:04:94:72W,0:03,h42km,2km,  
h42km:hp-P.982,2817/989,mb5.3/189,M55.4/90,  
5C-21D, Near coast of Oaxaca

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

2017 SEP

Table with columns: BCIP, Sierra La Barra Col, BCIP, Sanderson, TXAR, NATX, BRDY, 344A, SLBS, OZNA, 237A, 237A, 061Z, 346A, 346A, MTJD, WHTX, WHTX, WHTX, ALPN, FW13, FW13, FW14, FW14, FW16, FW16, VBMS, VBMS, BRAL, 451A, 451A, SGCY, SGCY, FW07, FW07, DWPF, DWPF, DWPF, DWPF, 060A, 060A, FW06, FW06, ABTX, ABTX, ABTX, Z38A, Z38A, Z38A, FW03, FW03, Z41A, PECS, PECS, 425A, Z35A, Z35A, ODSA, ODSA, 250A, 250A, SN01, SN01, WLAR, WLAR, 352A, 352A, APMT, APMT, WFTS, WFTS, CCAR, POST, POST, LOOK, LOOK, LRAL, LRAL, LRAL, MNTX, TIGA, Y45A, Y45A, DKNS, DKNS, X40A, MIAR, MIAR, GIBY, GIBY, UALR, UALR. Lists various stations and their coordinates and times.

540

Table with columns: 152A, WMOK, WMOK, WMOK, W35A, Z51A, Y49A, MSTX, MSTX, MSTX, OKCS, AMTX, AMTX, AMTX, DEOK, TUL3, TUL3, OK029, FCAR, FCAR, OK052, GOGA, GOGA, GOGA, GOGA, RLO, RLO, FPAL, Y52A, Y52A, 121A, 121A, U40A, U40A, U38A, OK048, X51A, X51A, U32A, OK038, BLOK, NOKA, T35A, T35B, Y22A, WVT, WVT, WVT, WVT, WVT, G02, PBMO, PBMO, PAPH, KAN7, NGMO, T42A, KS20, OTAV, OTAV, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, S39A, TUC, TUC, TUC, TUC, TKL, TKL, TKL, U49A, U49A, T47A, T47A, ROSC, ROSC, ROSC, PRAC, PRAC, R40A, R40A, CHSH, CHSH, KM5C, R32A, R32A, T50A, TZN, TZN, T25A, 214A, USIN. Lists various stations and their coordinates and times.

Table with columns: USIN, comp, I/Amb, P, 14.50, 25.3, COHC Cochancay, X18M Snowflake, SL1M Saint Louis, SLM Saint Louis, KSU1 Kansas State U, V55A Taylorville, W57A Gilead, CBK5 Cedar Bluff, CBK5 Cedar Bluff, CBK5 Cedar Bluff, W18A Petrified Fore, WCI1 Wyandotte Cave, WCI1 Wyandotte Cave, WCI1 Wyandotte Cave, WCI1 Wyandotte Cave, Q44A Meyer Farm, OLIL Olney, P40A Paris, P38A Dawn, SDCO Great Sand Dun, SDCO Great Sand Dun, S51A Beattyville, R49A Shelbyville, R49A Shelbyville, KS25 Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, 113A Mohawk Valley, MCR4 Macar, U56A King, U56A King, KSCO Kaye Shedlock, S22A 4UR Ranch, MVCO Mesa Verde, WUAZ Wupatki, P46A Rosedale, P46A Rosedale, Q24A Divide, P48A Milroy, P48A Milroy, P48A Milroy, N38A Joes South, N38A Joes South, ESJX Sierra Juarez, N41A Harden Midland, N41A Harden Midland, R53A Hurricane, R53A Hurricane, HDIL Hopedale, HDIL Hopedale, HDIL Hopedale, T57A Hurt, Q51A Peebles, P49A Miami Univ, P49A Miami Univ, SFIN Lafayette, YUH Yuh Desert, Q52A Bidwell, Q52A Bidwell, P51A Williamsport, BC3 Big Chuckawall

Table with columns: ISCO, 26.13, 341, P, P, 14.50, 33.3, Idaho Springs, Idaho Springs, O48B Farmland, O48B Farmland, IRM Iron Mountain, OGNE Ogallala, OGNE Ogallala, O49A Covington, T59A Double B, T59A Double B, Q54A Corning, Q54A Corning, P52A Corning, P52A Whipple, P53A Pinyon Flats, PFO Pinyon Flats, PFO Pinyon Flats, ACSSO Alum Creek Sta, ACSSO Alum Creek Sta, ACSSO Alum Creek Sta, BAUV El Baul, BAUV El Baul, L42A Oliver, GMRG Granite Mount, N49A Columbus Grove, N49A Columbus Grove, N49A Columbus Grove, O52A Adamsville, O52A Nelson, K38A Parkersburg, SRU San Rafael Swe, SRU San Rafael Swe, HEC Hector Ludlow, O53G New Philadelphia, O53G San Juan, L46A Eue Claire, TUQ Turquoise Moun, ATAH Athalpa, O54A Jwells, JFWJ Jwells, JFWJ Jwells, JFWJ Jwells, JFWJ Burlington, K43A Burlington, SHRP Sheep Range, L48A N Adams, L48A Lisbon, N53A Lisbon, SHOC Shoshone, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, EDWZ Edwards Air Fo, I40A Norwalk, M53A WI Miller and, TPNV Topopah Spring, I42A Draeger Farm, I42A Draeger Farm, MPMC Manual Prospec, K22A Casper, DUG Dugway, R11B Troy Canyon, GRAC Grapevine Rang, PCRV Puerto La Cruz, SPMN Marine on St, SPMN Marine on St, SPMN Marine on St, VES Vestal, G40A Rib Lake, DSP Deep Springs, PDAR Pinedale Array, PDAR Pinedale Array, BWO6 Boulder Array, BWO6 Boulder Array, F33A 5 Mile Ranch, F33A 5 Mile Ranch, F36A Milaca

Table with columns: GLMI Graying, GLMI Graying, GLMI Graying, HVU Hansel Valley, HVU Hansel Valley, OMMB Old Mammoth Mi, MDPB Devils Postpil, ELK Elko, ELK Elko, ELK Elko, NVAR Mina Array Bay, NVAR Mina Array Bay, NVAR Mina Array Bay, NVAR Mina Array Bay, COWI Conover, COWI Conover, REDW Red Top Meadow, REDW Red Top Meadow, PMPB Monarch Peak, E38A The Farm, E38A The Farm, KVN Kaiserville, KVN Kaiserville, SGCB Sto Gabriel d, MOOW Moose Ponds, FXWY Fox Creek, E43A Lone Tree Farm, IMW Indian Meadow, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, BWN Battle Mountai, BWN Battle Mountai, YERR Yerington, YERR Yerington, RLMT Red Lodge, RLMT Red Lodge, RLMT Red Lodge, SADO Sadowa, SADO Sadowa, NNA Nana, NNA Nana, EYMN Ely, EYMN Ely, MDND Maddock, MDND Maddock, MDND Maddock, MDND Maddock, HLID Hailey, AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Agassiz Nation, B35A Bob, B35A Bob, B35A Bob, BOZ Bozeman (W), WWOR Wild Horse Val, WWOR Wild Horse Val, WWOR Wild Horse Val, ELMT Elliston, ELMT Elliston, BEMT Mount Belmont, PLID Pearl Lake, LYMT Loyal Mountain, ULM Lac du Bonnet, ULM Lac du Bonnet, EGMT Eagleton, EGMT Eagleton, CHMT Chamberlain Mo, BMO Blue Mountains, BMO Blue Mountains, BMO Blue Mountains, OVMT Ovando, MSO Missoula, MSO Missoula, VLDQ Val d'Or, YBH Yreka Horse Hour, KHMM Horse Hour, KHMM Horse Hour, BOAV Bo Vista, BOAV Bo Vista, G08A Pilot Rock, E09A Wood Farm, KBO Bosley Butte, H04A Detroit Lake, H04A Detroit Lake, BUCK Buck Mountain, BUCK Buck Mountain, HOOD Mount Hood Mea, HOOD Lebanon, H04D Newport, NEW Newport, NEW Newport, NEW Newport, ETMB Extrema, ETMB Extrema, ETMB Extrema, ETMB Extrema

8d 14h

Table with columns for location, coordinates, and performance metrics. Includes entries like COR Corvallis, MACA Manacapuru-AM, and various other locations.

L29M

Table with columns for location, coordinates, and performance metrics. Includes entries like SDBA SAO DESIDERIO, MECA Mercas, and various other locations.

2017 SEP

Table with columns for location, coordinates, and performance metrics. Includes entries like RND Reindeer, COLA College, and various other locations.

542



Table with columns: IATA, Call Sign, Frequency, Mode, Power, and other technical data for stations from TTA to NB201.

Table with columns: IATA, Call Sign, Frequency, Mode, Power, and other technical data for stations from BMRD to KHC.

Table with columns: IATA, Call Sign, Frequency, Mode, Power, and other technical data for stations from KHC to MNC.

8d 15h

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, BOG Bogota, BARC Barichara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, NVAR Mina Array Bay, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTAO Charters Tower, CAN Canberra, H11S2 WAKE ISLAND Hy, etc.

MEX 08 15:13:26.0±0.8, 107°0N:94°91W, h58km±25km, MD4.1, Near coast of Oaxaca. Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, NVAR Mina Array Bay, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTAO Charters Tower, CAN Canberra, H11S2 WAKE ISLAND Hy, etc.

8d 15h

Table with columns: Station Name, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Includes stations like Nanjing, Thorofore Moun, Alpine, etc.

2017 SEP

Table with columns: Station Name, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Includes stations like Coal Creek Min, Barlow Dome, Bettles, etc.

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Table with columns: Code, Station Name, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc, Az Rate Error, El Rate Error, Az Acc Error, El Acc Error. Includes stations like AHRAM, DSBU, SHI, etc.

IDC 08 15:24:03.8, 0.7, 28.94N, 51.68E, h10km, mb4.0/21, mb1m=1.7km az=1.0

MOS 08 15:24:04.5, 1.2, 28.90N, 51.65E, h15km, mb4.4/26, Error ellipse: s-maj=7.7km s-min=5.5km az=87.9

TEH 08 15:24:05.0, 2.9, 0N, 0.1, 51.65E, h9km, 18km, ML4.2

NEIC 08 15:24:06.0, 2.0, 29.0N, 0.1, 51.61E, 0.1, h10km, 1km



Table with columns: CTA, Station Name, Time, Res, P, M, S. Includes entries like Warramunga Arr, Alice Springs, Warramunga Arr, Matsushiro Arr, Eielson Array, ILAR.

WEL 08 15:32:56.70.9, 44°54'S x 16°8'E, h5km, M3.6/5, ML3.3/7, MLV3.6/5, Error ellipse: s-maj=0.0km s-min=0.0km az=101.6, confirmed, South Island

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

NEIC 08 15:36:07.0.2.2, 15°3N.0:1.94:83W.0:05, h51km, 29km, mb4.3/11, Error ellipse: s-maj=15.9km s-min=7.4km az=112(MEX)

MEX 08 15:36:11.8.0.7, 15°71N.94:95W, h51km, 39km, MD4.2, ISC 08 15:36:07.1.7, 15°29N.0:04:62.36W.0:05, h46km, 25km, n16, c1576/24, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Santiago Nilte, Huatulco, Puerto Angel, etc.

FUNV 08 15:39:53.3, 10°67N.62:32W, h28km, MW3.6 TRN 08 15:39:53.1, 10°95N.62:23W, h12km, MD3.3 ISC 08 15:39:50.5.1.4, 10°76N.0:04:62.36W.0:04, h96km, 13km, n18, c1577/34, 1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Carupano, Trinidad (W), Pointe-a-Pierr, etc.

IDC 08 15:48:31.4.1.2, 18°22N.145:48E, h478km, 16km, mb3.0/13, mbtmp3.8/15, Error ellipse: s-maj=20.7km s-min=13.1km az=87.0

ISC 08 15:48:32.6.0.8, 18°12N.0:09:145.5E.0:2, h500km, n16, c1528/16, mb3.4/14, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Guam, Matsushiro Arr, SJI, etc.

Table with columns: WRA, ASAR, SONM, CMAR, ZALV, MKAR, KURBB, ILAR, BVAR, NVAR, FINES, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Warramunga Arr, Alice Springs, Songo Array, etc.

NEIC 08 15:49:50.4.2.8, 13°7N.0:1:121.2E.0:3, h116km, 12km, mb4.3/11, Error ellipse: s-maj=39.8km s-min=7.8km az=67.0

IDC 08 15:49:59.0.5.0, 13°74N.120:91E, h201km, 4km, mb3.4/12, mbtmp3.9/12, Error ellipse: s-maj=26.8km s-min=10.3km az=62.0

ISC 08 15:49:48.3.0.7, 13°67N.0:09:121.0E.0:1, h100km, n34, c1519/33, mb4.1/8, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Tagaytay City, TPUB, YULB, etc.

CMAR Chiang Mai Arr 21.71 286 P P 15 54 33.5 +2.0

KSR5 Korea Array 24.48 13 P P 15 54 59.4 +1.4

RAMN Rante 34.73 298 eP 15 56 29.6 +0.3

JIRN Jiri 25.77 299 eP 15 56 34.1 0.0

GUN Guna 35.61 299 eP 15 56 36.8 +1.0

WBO Warramunga Arr 35.75 158 P P 15 56 40.7

WRA Warramunga Arr 35.89 158 P P 15 56 40.4 +1.4

WB2 Warramunga Arr 35.90 158 P P 15 56 37.4 -1.6

PKI Pulchok 35.92 298 eP 15 56 39.0 -0.6

PKIN Phulchoki 35.93 298 eP 15 56 39.0 -0.6

WR0 Warramunga Arr 35.98 158 P P 15 56 39.6 -0.1

SONM Songo Array 36.17 343 P P 15 56 41.1 -0.1

AS31 Alice Springs 39.20 161 P P 15 57 05.5 +0.6

ASAR Alice Springs 39.20 161 P P 15 57 08.5 +1.7

CTAO Charters Tower 41.75 143 P P 15 57 27.9 0.0

FORT Forrest 44.71 171 P P 15 57 50.8 -0.7

MK31 Makarandi Array 46.23 323 P P 15 58 03.3 +0.1

BB00 Bucklebo 48.41 163 P P 15 58 19.4 -1.0

ZALV Zalesovo Beam 49.21 323 P P 15 58 25.6 -0.7

Table with columns: H10N2, H10N3, H10N1, H10S3, H10S2, TORD, LRD, LPAZ, KEST, GERES, TXAR, NB2, NOA, ANMO, PDAR, AKASG, BRTR, PLCA, KBZ, ILAR, ZALV. Lists stations like ASCENSION HYDR4.64, ASCENSION HYDR4.64, etc.

NEIC 08 16:06:38.9.2.1, 14°9N.0:1:94.73W.0:04, h27km, 8km, mb4.2/6, Md4.0/10(MEX), Error ellipse: s-maj=20.8km s-min=4.2km az=190.0

IDC 08 16:06:40.8.4.7, 14°73N.94:33W, h43km, 36km, mb3.6/6, mbtmp3.9/8, ML4.0/2, Error ellipse: s-maj=65.5km s-min=30.6km az=34.0

MEX 08 16:06:47.0.0.7, 15°29N.94:64W, h42km, 573km, MD4.0, ISC 08 16:06:38.1.1.8, 15.056N.0:07:94.62W.0:04, h12km, 11km, n29, c1963/33, mb4.1/8, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Santiago Nilte, Huatulco, Puerto Angel, etc.

AMTY Amarillo 20.73 343 P P 16 11 19.1 +0.4

FCAR Ozark Fork Cell 20.86 6 P P 16 11 19.6 -0.3

T35A Sooner Cattle 21.83 356 P P 16 11 30.2 -0.2

PDAR Pinedale Array 30.45 338 P P 16 12 53.3 +2.5

NVAR Mina Array Bay 31.27 323 P P 16 13 00.9 +2.7

ULM Lac du Bonnet 35.11 359 P P 16 13 28.4 -2.8

BOAV Boa Vista 35.91 107 P P 16 13 36.5 -2.0

ILAR Eielson Array 60.88 337 P P 16 16 51.3 +1.0

NB2 NORSAR Subarra 84.42 28 P P 16 19 12.3 +1.9

ARCES ARCES Array B 85.92 18 P P 16 19 17.4 -0.4

IDC 08 16:08:00.0.0.8, 15°11N.94:65W, h0km, mb4.0/16, mbtmp4.0/18, ML3.8/2, MS4.2/7, Error ellipse: s-maj=29.4km s-min=13.4km az=56.0

NEIC 08 16:08:01.3.3.0, 14°96N.0:08:94.66W.0:04, h10km, 1km, mb4.6/12, Md4.2/12(MEX), Error ellipse: s-maj=13.4km s-min=6.2km az=196.0

MEX 08 16:08:07.6.1.3, 15°29N.94:71W, h25km, 43km, MD4.2, ISC 08 16:08:02.0.2.0, 15:12N.0:05:94.64W.0:04, h12km, 5km, n182, c181/156, mb4.6/53, MD4.1/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Santiago Nilte, Huatulco, Puerto Angel, etc.

Table with columns for station name, frequency, and other details. Includes stations like Vista Hermosa, Retalhuleu, Huehuetenango, etc.

Table with columns for station name, frequency, and other details. Includes stations like Mountain Grove, Lake Jocassee, Albuquerque, etc.

Table with columns for station name, frequency, and other details. Includes stations like Collm, Berggiesshubel, Vranco, etc.

2019 SEP

8d 16h

NEIC 08 16:12:19.8z.2.3,1537N.0.10.942W.0.11,h69km,5km, mb4.1/132,Error ellip: s-maj=18.1km s-min=9.3km

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like Retalhuleu, Huehuetenango, PETF, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other details. Includes entries like MSTX, OKCSW, PLAL, HELC, TUL3, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and other details. Includes entries like RTAL, RTAL, RTAL, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other details. Includes entries like OK052, 319A, 121A, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Little Creek M, Little Creek M, Little Creek M, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Wollman Farm, Mount Hood Mea, Newport, etc.

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

NEIC 08 16:12:43.6i.1.8.0:56N:0:10:121:58E:0:10,h87km,5km, mb4.4/22, Error ellipse: s-maj=18.0km s-min=9.3km

NEIC 08 16:14:27.6i.2.5.15:29N:0:08:94:86W:0:04,h30km,6km, mb4.9/17.5, Md4.2/10(MEX), Error ellipse: s-maj=11.9km s-min=5.9km az=185.0

8d 16h

2017 SEP

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res, and various station identifiers. Includes stations like Huatulco, Oaxaca, Vista Hermosa, etc.

Table with columns: MSTX, FNO, WHAR, AMTX, DEOK, TUL3, OK029, GOGA, 121A, 121A, QUOK, Y52A, X51A, X51A, BLOK, KMG13, MNGM0, MNGM0, ANMO, ANMO, ANMO, TUC, TUC, TUC, ROSC, R32A, 214A, T25A, X18A, X18A, CBKS, CBKS, W18A, X16A, X16A, SDCO, BOSC, 113A, KSCO, WUAZ, WUAZ, WUAZ, GLA, N38A, ESJX, BLYC, PDMOJ, SWSC, BC3, ISCO, IRM, SCIA, TPFO, PFO, PFO, GMRC, V12A, ATAH, SHRW, EDWZ, TPNV, MPMC, K22A, R11B, GRAC, TCUT, TCUT, CWC, GMN, HWUT, TPH, PDAR, HVU, MDPB, ELK, NVAR, REDW, KVN, MOOW, FXMY, YERING, RLMT, RLMT, EMB, YHL, EYMN, HLID. Includes stations like Muleshoe, Franklin, Wootly Hollow, Amarillo, etc.

Table with columns: HLID, AGMN, BOZ, BOZ, WVOR, PLID, PLUM, EGMT, MSO, MSO, YBH, L04D, F10A, E09A, KBO, J01E, H04A, KEWM, NEB, ETMB, C09A, LTY, FFC, FFC, EDM, LLLB, LLLB, SIV, YKA, DLBC, R33M, Q32M, WRGLV, TGTN, MMPY, MMPY, FARO, FARO, O30N, BDFB, M30M, M29M, M29M, L29M, I30M, MCARA, G31M, L27K, BMRM, J26K, N25K, L26K, INK, F30M, KLU, HARP, G29M, SCRK, J26L, J26L, H27K, I26K, K24K, E29M, F28M, F28M, SML, G27K, WAT6, J25K, PLCA, PLCA, HDA, HDA, ILAR, G26K, E27K, SUA, RND, RND, CCB, MCK, POKR. Includes stations like Hailey, Agassiz (Nation), Bozeman (W), Bozeman (N), Wild Horse Val, Pearl Lake, Lac du Bonnet, Eagleton, Missoula, Yreka Blue Hor, Klamath Falls, Beach Ranch, E Wood Farm, Sta, Bosley Butte, Myrtle Point, Detroit Lake, Edson Butte, Newburg, Extrema, Chrisman Ranch, Liberty, Flin Flon, Edmonton, Lillooet, San Ignacio, Yellowknife Ar, Dease Lake, Jenning's River, Nakina River, Writtle, Hyland Airport, Sheldon Lake, Sheldon Lake, Faro, Yukon, Mendonhall, Brasilia, Minto, Yukon, Somme Creek, Mount Denzler, L29M, Mount Denzler, McCarthy VSAT, Sathar River, Beaver Creek, Bremner River, Ogilvie Camp, Chitina, Valde, Log Cabin Wild, Inuvik, Barriere River, Klutina, HARP, Pine Creek, Sand Creek, Joseph Creek, Joseph Creek, Joseph Creek, Coal Creek Min, Donnelly Dome, Blow River, Old row, Old Crow, Sawmill, Doyon Strip, Susitna Watana, Salcha River, Pacho Flores, Pacho Flores, Harding Lake, Harding Lake, Eielson Array, Porcupine River, Coleen River, Susana One, Reindeer, Clear Creek Bu, McKinley, Poker Flat Res.

Table with columns: Station Name, Frequency, Mode, Class, and other details. Includes stations like COLA, R18K, F20K, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other details. Includes stations like NB2, NOA, SENIN, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other details. Includes stations like SAND, TXAR, BRDY, etc.

8d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like GCUF Volcan Galeras, DUNE Lazy B Ranch, Y22A Socorro, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HDIL Hopedale, HDIL Hopedale, Q51A Peabees, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like EMB Emerald Bay, EMB Ely, EYMN Ely, etc.

ANTJ P32M	Antonio Joao (Atin)	52.75 134 eP	P	16 28 28.6 +1.0
TICA ESFA	Tres Iles	52.92 141 eP	P	16 28 29.7 +0.4
MT13	San Alfonso	50.98 138 eP	Iamb	16 28 31.2 +1.2
LMEL	Las Melosas	53.79 155 P	P	16 28 36.7 +0.5
MMPY	Sheldon Lake	54.02 340 P	Iamb	16 28 36.9 +0.4
MMPY	Sheldon Lake	54.02 340 P	P	16 28 39.1 +2.7
P29M	Windy Cragsy	54.50 335 P	P	16 28 42.7 +2.6
CPUP	Villa Florida	54.79 138 Iamb	Iamb	16 28 42.5
CPUP	Villa Florida	54.79 138 P	P	16 28 41.4 -1.1
CPUP	Villa Florida	54.79 138 P	P	16 28 41.5 -1.0
M31M	Drury Creek, Y	54.81 338 P	P	16 28 44.7 +2.5
BDFB	Brasilia	55.13 122 Iamb	Iamb	16 28 45.6
BDFB	Brasilia	55.13 122 P	P	16 28 44.1 -1.2
SDBA	SAO DESIDERIO	56.16 117 eP	P	16 28 52.1 -0.5
IFMB	Ipameri	56.21 124 eP	P	16 28 53.6 +0.7
M29M	Somme Creek	56.45 337 Iamb	Iamb	16 28 51.3
M29M	Somme Creek	56.45 337 P	P	16 28 56.6 +2.5
IVI	Viguit	56.62 25 P	P	16 28 54.2 -0.9
L29M	L29M	56.72 338 P	P	16 28 58.0 +2.0
I30M	Mout Dempster	57.45 340 P	P	16 29 02.4 +1.2
MCARA	McCarthy VSAT	57.65 335 P	P	16 29 05.5 +3.0
CRSM	Crissiumal (Br	57.71 137 eP	P	16 29 02.9 -0.5
NRS	Narsarsuaq	57.73 26 P	Iamb	16 29 00.7 -2.3
NRS	Narsarsuaq	57.73 26 P	P	16 29 00.7 -2.3
JANB	Januaris	57.92 119 eP	P	16 29 05.2 +0.1
PMNB	Patos De Minas	57.93 124 eP	P	16 29 05.2 +0.1
G31M	Satah River	57.94 343 P	P	16 29 05.8 +1.4
L27K	Beaver Creek	58.07 337 Iamb	Iamb	16 29 08.7
L27K	Beaver Creek	58.07 337 P	P	16 29 07.4 +1.9
EYAK	Cordova Ski Ar	58.40 333 P	P	16 29 10.6 +2.9
N25K	Chittina, Valde	58.42 334 P	P	16 29 10.5 +2.6
INK	Inuvik	58.70 344 Iamb	Iamb	16 29 21.3
INK	Inuvik	58.70 344 P	P	16 29 10.2 +0.5
H29M	Whitestone	58.72 341 P	P	16 29 11.1 +1.2
KLU	Klutina	58.92 334 P	P	16 29 13.7 +2.2
G29M	Pine Creek	59.05 342 P	P	16 29 13.2 +1.0
SCRK	Sand Creek	59.28 337 Iamb	Iamb	16 29 27.4
SCRK	Sand Creek	59.28 337 P	P	16 29 16.9 +2.3
J26L	Joseph Creek	59.50 338 Iamb	Iamb	16 30 04.5
J26L	Joseph Creek	59.50 338 P	P	16 29 17.2 +1.7
H27K	Steamboat Moun	59.75 340 P	P	16 29 18.4 +1.4
M23K	Glacier View	59.82 334 P	P	16 29 19.8 +2.2
PLCA	Paso Flores	59.85 159 Iamb	Iamb	16 29 19.9
PLCA	Paso Flores	59.85 159 P	P	16 29 17.3 -0.7
PLCA	Paso Flores	59.85 159 P	P	16 29 18.7 +0.6
PLCA	Paso Flores	59.85 159 P	P	16 29 28.1 +1.4
E29M	Blow River	59.95 343 P	P	16 29 19.7 +1.4
K24K	Donnelly Dome	59.98 336 P	P	16 29 20.2 +1.6
F28M	Old Crow	60.05 342 Iamb	Iamb	16 29 31.3
F28M	Old Crow	60.05 342 P	P	16 29 20.7 +1.7
DIAM	Diamantina, MG	60.05 122 eP	P	16 29 20.0 +0.1
G27K	Doyon Strip	60.13 340 P	P	16 29 21.0 +1.4
WAT6	Susitna Watana	60.18 335 P	P	16 29 21.3 +1.1
J25K	Salcha River	60.23 337 Iamb	Iamb	16 29 22.6
J25K	Salcha River	60.23 337 P	P	16 29 22.2 +1.8
BSCB	Bom Sucesso	60.56 125 eP	P	16 29 24.1 +0.8
E26M	Babbage River	60.56 343 P	P	16 29 23.6 +1.1
HDA	Harding Lake	60.72 337 P	P	16 29 24.7 +1.0
ILAR	Eielson Array	60.87 337 eP	P	16 29 25.7 +1.0
ILAR	Eielson Array	60.87 337 P	P	16 29 23.9 -0.8
G26K	Porcupine River	60.90 340 P	P	16 29 26.1 +1.2
E27K	Coleen River	60.91 342 P	P	16 29 26.3 +1.4
SUA	Susitna One	60.99 333 P	P	16 29 27.6 +1.8
RND	Reindeer	61.01 335 Iamb	Iamb	16 29 38.9
TRQA	Tornquist	61.06 151 P	Iamb	16 29 26.2 -0.1
TRQA	Tornquist	61.06 151 P	P	16 29 26.2 -0.1
MCK	McKinley	61.19 336 P	P	16 29 28.3 +1.5
COLA	College	61.28 337 P	P	16 29 27.9 +0.5
F26K	Sheenjek River	61.43 341 P	P	16 29 30.2 +1.7
SKT	Skwentna	61.54 333 P	Iamb	16 29 30.4 +1.1
SKT	Skwentna	61.54 333 P	P	16 29 31.4
G20K	Mount Spurr	61.54 332 P	P	16 29 30.8 +1.4
N25K	Bearman Lake	61.58 339 P	P	16 29 31.2 +1.7
TRF	Thorofare Moun	61.61 335 P	P	16 29 30.8 +0.8
TRF	Thorofare Moun	61.61 335 P	P	16 29 31.2 +1.3
NEA2	Nenana	61.62 336 P	P	16 29 30.9 +1.1
RCBR	Riachuelo	61.63 105 P	P	16 29 28.1 -2.6
RCBR	Riachuelo	61.63 105 P	P	16 29 30.3 -0.4
H24K	Noodor Dome	61.75 338 Iamb	Iamb	16 29 38.9 -0.4
H24K	Noodor Dome	61.75 338 P	P	16 29 32.1 +1.4
F25K	Christian River	61.86 340 P	P	16 29 33.0 +1.6
I23K	Minto, Yukon-K	61.98 337 P	P	16 29 33.6 +1.5

Q18K	Bonanza Creek	62.01 329 P	P	16 29 34.4 +1.7
G24K	Hadwoencz Riv	62.02 339 P	P	16 29 34.3 +1.8
BPAW	Bear Paw Mtn.	62.16 336 Iamb	Iamb	16 29 35.1
BPAW	Bear Paw Mtn.	62.16 336 P	P	16 29 34.5 +1.0
M20K	Styx River	62.21 333 Iamb	Iamb	16 29 36.2
M20K	Styx River	62.21 333 P	P	16 29 35.2 +1.4
CAST	Castle Rocks	62.34 335 Iamb	Iamb	16 29 36.0
CAST	Castle Rocks	62.34 335 P	P	16 29 35.4 +0.8
H23K	Yukon River	62.35 338 P	P	16 29 36.1 +1.3
N19K	Bonanza Creek	62.45 331 P	Iamb	16 29 36.1 +0.6
N19K	Bonanza Creek	62.45 331 P	P	16 29 36.8 +1.3
MLY	Manley	62.46 337 Iamb	Iamb	16 29 37.7
MLY	Manley	62.46 337 P	P	16 29 36.7 +1.3
GU0A1	Guaratina, BA	62.46 118 eP	P	16 29 36.3 +0.1
O18K	Koktuh Hills	62.48 330 P	Iamb	16 29 36.7 +1.9
O18K	Koktuh Hills	62.48 330 P	P	16 29 37.2 +1.6
M19K	Big River Lodge	62.77 333 Iamb	Iamb	16 29 39.6
M19K	Big River Lodge	62.77 333 P	P	16 29 39.0 +1.5
Q16K	King Salmon	62.84 329 P	P	16 29 39.7 +1.7
P17K	Kvichak River	62.88 329 P	P	16 29 39.7 +1.5
G23K	Bananza Creek	62.93 338 P	P	16 29 40.1 +1.5
D25K	Kavik River	62.99 342 P	P	16 29 40.5 +1.6
I21K	Tanana	63.00 336 P	P	16 29 39.4 +0.5
I21K	Tanana	63.00 336 P	P	16 29 40.2 +1.3
N18K	Kilae Creek	63.06 331 Iamb	Iamb	16 29 56.5
N18K	Kilae Creek	63.06 331 P	P	16 29 40.8 +1.4
H22K	Ishlaltina Cre	63.06 337 P	P	16 29 40.2 +0.8
L19K	White Mountain	63.07 333 Iamb	Iamb	16 30 50.5
L19K	White Mountain	63.07 333 P	P	16 29 40.6 +1.1
K20K	Telida	63.14 334 Iamb	Iamb	16 29 41.5
K20K	Telida	63.14 334 P	P	16 29 40.8 +0.8
COLD	Coldfoot	63.22 339 P	P	16 29 42.3 +1.9
RIB01	Linnae ES	63.25 121 eP	P	16 29 40.9 -0.4
O17K	Koliganek Bris	63.37 330 P	P	16 29 42.9 +1.5
J20K	Nowinta River	63.47 335 Iamb	Iamb	16 29 43.6
J20K	Nowinta River	63.47 335 P	P	16 29 43.0 +0.9
H21K	Melozitna River	63.53 337 P	P	16 29 43.2 +0.8
ALF01	Guarapari-ES	63.61 123 eP	P	16 29 43.5 -0.2
TOLK	Toolik Lake Re	63.66 340 P	P	16 29 45.0 +1.7
O16K	Kokwok River B	63.80 329 P	P	16 29 45.9 +1.6
TTA	Tatalina	63.83 333 Iamb	Iamb	16 29 46.3
TTA	Tatalina	63.83 333 P	P	16 29 45.1 +0.5
I20K	Naaghedeneel	63.83 336 P	P	16 29 45.4 +0.9
C24K	Franklin Bluff	63.90 342 P	P	16 29 47.0 +2.2
J19K	Poorman	64.01 335 P	P	16 29 46.3 +0.6
F22K	John River	64.03 339 P	P	16 29 47.9 +2.1
G21K	Allakaket	64.11 338 P	P	16 29 47.5 +1.3
D23K	Nanushuk River	64.17 341 P	P	16 29 48.6 +2.0
H20K	Anoleneega Mo	64.24 336 P	P	16 29 47.9 +0.7
N16K	Nishlik Lake	64.36 330 P	P	16 29 49.7 +1.6
F21K	Alatna River	64.38 338 P	P	16 29 50.0 +1.9
K17K	Iditarod	64.76 333 P	P	16 29 51.6 +0.9
D22K	Ayilyak River	64.78 340 P	P	16 29 52.6 +1.9
H19K	Roundabout Mou	64.87 336 P	P	16 29 52.0 +0.8
E21K	Killik River	65.03 339 P	P	16 29 53.9 +1.6
F20K	Avaraart Lake	65.12 338 P	P	16 29 54.4 +1.5
G19K	Purill Mouna	65.32 337 P	P	16 29 55.6 +1.4
E20K	Nigu River	65.72 339 P	P	16 29 58.4 +1.9
SUMG	Summit	65.79 16 P	P	16 29 56.1 -1.5
SUMG	Summit	65.79 16 P	P	16 29 56.1 -1.5
SUMG	Summit	65.79 16 P	P	16 29 56.1 -1.5
F19K	Shalerucik Mo	65.81 337 P	P	16 29 58.6 +1.3
E19K	Redstone River	65.81 338 P	P	16 29 59.0 +1.7
G18K	Tagagawik	65.85 336 P	P	16 29 59.3 +1.7
J16K	Anvik River	65.93 333 P	P	16 29 59.9 +1.8
M14K	Bethel	65.96 330 P	P	16 29 60.0 +1.7
D20K	Etlivuk River	66.03 339 P	P	16 30 00.3 +1.5
H17K	Granite Mouna	66.07 335 P	P	16 30 00.4 +1.4
K15K	Wolf Creek Mou	66.10 332 P	P	16 30 01.4 +2.1
G17K	Kiwialik Mouna	66.53 335 P	P	16 30 03.9 +2.0
B20K	Meade River	66.68 341 P	P	16 30 04.6 +1.7
H16K	Elim	66.96 334 P	P	16 30 07.1 +2.3
E17K	Hotham Inlet	67.41 337 P	P	16 30 08.9 +1.4
ALE	Alert	68.61 4 P	P	16 30 14.7 -0.2
ALE	Alert	68.61 4 P	P	16 30 23.2 -0.5
BORG	Borgarnes	69.23 26 P	P	16 30 20.1 +1.2
EKA	Eskdalemuir Ar	69.43 36 P	P	16 31 12.5 -0.6
ESDC	Sonsecqa Array	80.87 51 Iamb	Iamb	16 31 28.0
ESDC	Sonsecqa Array	80.87 51 P	P	16 31 24.5 -2.3
ESDB	Sonsecqa Array	80.87 51 P	Iamb	16 31 26.3 -0.4
GRR	Gorron	81.19 42 P	P	16 31 27.4 -0.8
FLN	La Foliniere	81.35 42 P	P	16 31 28.4 -0.6
LDL	La Drulite	81.62 42 P	P	16 31 29.8 -0.7
ETSF	Etsf	82.65 45 P	P	16 31 35.5 -0.6
LEF	Le Frutiere	83.07 45 P	P	16 31 37.4 -0.7
EPF	Esparras	83.26 47 P	P	16 31 39.4 +0.2
CLF	Chambon-Forêt	83.30 42 P	P	16 31 39.5 +0.3
RJF	Les Rejaudou	83.51 45 P	P	16 31 40.2 -0.2
TCF	Touff Ste Croi	83.72 44 P	P	16 31 40.1 -1.1
CAF	Calviae	83.98 45 P	P	16 31 41.9 -1.0

BAIF	Baives	83.99 40 P	P	16 31 43.0 +0.3
DOU	Dourbes	84.22 40 dP	P	16 31 44.2 +0.3
BMRD	Maredous	84.27 40 dP	P	16 31 42.8 -1.5
NB2	NORSAR Subarra	84.27 28 P	P	16 31 44.6 +0.8
NB2	NORSAR Subarra	84.27 28 P	P	16 31 44.8 +0.8
NOA	NORSAR Array B	84.27 28 eP	P	16 31 45.0 +1.0
NOA	NORSAR Array B	84.27 28 P	P	16 31 42.5 -1.6
NOA	NORSAR Array B	84.27 28 P	P	16 31 44.0 -0.6
AVF	Avril sur Loir	84.35 43 eP	P	16 31 44.1 -0.5
GIVF	Givet	84.36 40 eP	P	16 31 44.4 -0.4
SSF	Saint Saulge	84.38 43 eP	P	16 31 45.0 0.0
BGES	Gesves	84.44 39 dP	P	16 31 44.7

8d 16h

Table with columns: MKAR, Makanchi Array, 118.29, 3 ePKIKP, PKP, 16.37 59.2 -0.7. Includes various station codes and coordinates.

MEX 08 16:28:57.5, 0.7, 15.64N-94.76W, h17km, 34km, MD3.7
IDC 08 16:29:02.0, 6.4, 15.02N-93.73W, h85km, 50km, mb3.5/5,
mbtmp3.8/5, ML6.1/1, Error ellipse: s-maj=47.9km
s-min=27.2km az=31.0

ISC 08 16:28:52.7, 1.2, 15.33N, 0.1:94.71W, 0.05, h3km, n12,
e29119.15, mb4.0/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Huatulco, Oaxaca, Vista Hermosa, etc.

IDC 08 16:42:13.9, 2.5, 0.3:25N-111.85W, h0km, mbtmp3.5/1,
ML1.7/1, Error ellipse: s-maj=30.2km s-min=6.1km
az=169.0

UUSS 08 16:42:23.0, 0.9, 42.62N, 0.01:111.47W, 0.03, h11km, 2km,
Error ellipse: s-maj=2.8km s-min=1.7km az=105.0

NEIC 08 16:42:22.6, 0.7, 42.62N, 0.01:111.48W, 0.03, h9km, 2km,
ML3.1/58, ML3.3/9(USS), Error ellipse: s-maj=2.8km
s-min=1.4km az=106.0

ISC 08 16:42:22.3, 0.9, 42.63N, 0.02:111.51W, 0.03, h9km, 6gkm,
n47, e897/51, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ID05, ID06, GRRI, AHID, ECR, etc.

2017 SEP

Main table with columns: HLID, Makanchi Array, 118.29, 3 ePKIKP, PKP, 16.37 59.2 -0.7. Includes various station codes and coordinates.

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Table with columns: ALPN, Alpine, 17.19 330, P, Pn, 16.46 22.8 -1.8. Lists various stations and their coordinates.

IMW	comp=Z,34nm,1.8s	I	Amb	16 49 09.1			
YPP	Pitchstone Pla	31.95 337	P	P	16 48 45.6	-2.8	
RLMT	Red Lodge	32.12 339	P	P	16 48 49.9	-3.0	
RLMT	comp=Z,31nm,1.5s	I	Amb				
RLMT	Red Lodge	32.12 339	P	pP	16 49 09.5	+3.0	
NNA	Nana	32.21 148	LR	LR	17 00 38.4		
YNE	Yellowstone 21	32.28 338	P	P	16 48 49.9	-1.4	
YHL	comp=Z,33nm,1.6s	I	Amb				
YHL	Hebgen Lake	32.58 337	P	I	16 48 52.9	-1.1	
AGMN	comp=Z,39nm,1.6s	I	Amb				
AGMN	Agassiz Nation	32.58 357	P	P	16 48 53.0	-0.6	
AGMN	Agassiz Nation	32.58 357	P	P	16 48 53.0	+0.2	
B35A	Bob, Littlefor	32.60 0	P	P	16 48 51.2	-2.6	
B35A			I	Amb	16 49 47.3		
HLID	comp=Z,31nm,1.6s	I	Amb				
HLID	Hailey	32.88 332	P	P	16 48 55.0	-1.5	
HLID	Hailey	32.88 332	P	pP	16 49 17.9	+4.7	
MFID	Compas Ranch	33.42 330	P	P	16 48 58.9	-2.3	
DLMT	Dillon	33.56 336	P	I	16 48 58.4	-3.9	
ULM	comp=Z,48nm,1.2s	I	Amb				
ULM	Lac du Bonnet	34.53 358	P	P	16 49 09.6	-0.9	
ULM	comp=Z,4.5nm,0.6s,baz=173,slow=6.2,SNR=5.2	LR	LR				
ULM	comp=Z,75nm,19.7s,baz=156,slow=39						
BEMT	Mount Belmont	34.71 337	P	P	16 49 10.7	-0.9	
PLID	Pearl Lake	34.68 332	P	P	16 49 10.8	-2.2	
PLID			I	Amb	16 49 36.0		
EGMT	Eagleton	34.84 341	P	P	16 49 15.7	+2.4	
CHMT	Chamberlain Mo	35.10 337	P	P	16 49 14.6	-1.1	
OVMT	Ovando	35.13 337	P	P	16 49 12.0	-3.9	
MISO	Missoula	35.29 336	P	pP	16 49 37.8	+3.7	
BOAV	Boa Vista	35.35 109	P	P	16 49 15.8	-2.2	
YBH	Yreka Blue Hor	35.98 322	LR	LR	17 05 31.1		
F10A	comp=Z,190nm,19.1s,baz=162,slow=38						
F10A	Beach Reach	36.01 332	P	P	16 49 23.0	-0.4	
PINE	Pine Mountain	36.29 326	P	P	16 49 24.0	-2.0	
ETMB	Extrema	37.27 131	P	I	16 49 33.5	-0.8	
ETMB			I	Amb	16 49 36.2		
ETMB	comp=Z,49nm,1.5s	I	Amb				
ETMB	Extrema	37.27 131	eP	P	16 49 34.5	+0.2	
NEW	Newport	37.73 334	P	pP	16 49 58.7	+3.9	
NEW	comp=Z,151nm,19.4s,baz=134,slow=38	LR	LR				
NEW	Newport	37.73 334	LR	LR	17 06 35.3		
MACA	Manacapuru-AM	37.74 117	P	P	16 49 36.1	-2.3	
SAML	Samuel	38.98 127	P	I	16 49 47.6	-1.1	
SAML			I	Amb	16 49 49.2		
SAML	comp=Z,36nm,1.4s	I	Amb				
SAML	Samuel	38.98 127	eP	P	16 49 47.7	-1.1	
SAML	Samuel	38.98 127	P	sP	16 50 15.8	+2.2	
FFC	Flin Flon	39.48 353	P	P	16 49 53.7	+1.2	
LPZA	La Paz	40.63 140	P	P	16 50 04.0	+0.8	
LPZA	comp=Z,4.0nm,1.1s,baz=327,slow=8.8,SNR=6.4						
LPZA	La Paz	40.63 140	P	P	16 50 04.1	+0.9	
LPZA	comp=Z,6.7nm,0.6s,baz=297,slow=8.1,SNR=3.6						
LPZA	La Paz	40.63 140	pP	sP	16 50 31.9	+3.8	
PB18	Visiviri	40.84 143	P	P	16 50 05.0	+0.3	
PB16	IPOC Station P	41.41 144	P	P	16 50 06.1	-3.4	
PB16			I	Amb	16 50 12.3		
MDP	comp=Z,21nm,1.3s	I	Amb				
MDP	Monte Alegre	41.76 100	LR	LR	17 08 57.7		
ITTB	Itaituba	42.63 115	eP	P	16 50 17.8	-1.1	
MALB	Monte Alegre	42.80 110	eP	P	16 50 19.7	-0.5	
PB08	IPOC Station P	43.06 145	P	P	16 50 21.2	-1.4	
PB08			I	Amb	16 50 25.9		
PATCX	Punta Patache	43.07 147	P	P	16 50 19.7	-2.6	
PATCX			I	Amb	16 50 25.3		
VILB	comp=Z,49nm,1.2s	I	Amb				
VILB	Vilhena	43.76 129	P	P	16 50 27.2	-0.8	
VILB			I	Amb	16 50 30.7		
NPGB	Novo Progresso	44.28 118	eP	LR	16 50 31.1	-1.1	
SCHO	Schefferville	44.31 122	LR	LR	17 10 09.8		
PB09	IPOC Station P	44.35 146	I	Amb	16 50 36.2		
SIV	San Ignacio	45.11 133	P	P	16 50 39.0	+0.3	
LVC	Limón Verde	45.19 147	P	P	16 50 39.6	-0.1	
PTLB	Pontes e Lacer	46.15 130	P	P	16 50 46.0	-0.8	
PTLB			I	Amb	16 50 48.2		
BBSD	Serra de San D	46.24 134	P	P	16 50 47.5	-0.1	
BBRB	Robore, Bolivi	47.54 134	eP	P	16 50 57.9	+0.4	
YNKB	Yellowknife Ar	49.01 347	P	P	16 51 08.4	0.0	
SNDB	comp=Z,5.5nm,0.6s,baz=152,slow=7.1,SNR=16						
SNDB	Serra Nova Dou	50.26 121	eP	P	16 51 18.9	+0.3	
DLBC	Dease Lake	50.42 336	P	P	16 51 23.8	+4.5	
DLBC	comp=Z,4.1nm,0.8s,baz=150,slow=6.9,SNR=8.4						
DLBC	Dease Lake	50.42 336	P	P	16 51 22.0	+2.7	
CO03	El Pedregal	51.31 154	P	I	16 51 25.6	-0.7	
CO03			I	Amb	16 51 48.7		
R33M	Jennings River	51.43 337	P	pP	16 51 50.0	+5.5	
ARAG	Araguaiana, MT	51.89 125	eP	P	16 51 30.8	0.0	
TGNT	Hyland Airport	51.96 340	P	P	16 51 34.6	+3.9	
P32M	Atlin	52.62 336	P	P	16 51 32.7	-3.0	
P32M	Atlin	52.62 336	P	pP	16 51 58.1	+4.7	
P33M	Teslin, Yukon	52.67 337	P	pP	16 51 58.4	+4.6	
VA03	San Esteban	53.05 155	P	P	16 51 36.5	-2.7	
VA03			I	Amb	16 52 01.9		
N32M	Quiet Lake	53.38 338	P	pP	16 52 04.0	+5.1	
MMPY	Sheldon Lake,	53.73 340	P	P	16 51 47.4	+3.6	
WHY	Whitehorse	53.75 336	P	pP	16 52 05.4	+3.7	
BO04	La Punta	54.11 156	P	P	16 51 45.2	-1.7	
BO04			I	Amb	16 52 09.8		
LMEL	Las Melosas	54.14 156	P	P	16 51 46.2	-1.1	
FARO	Faro, Yukon	54.19 338	P	pP	16 52 09.5	+4.7	
BO01	Tunca	54.28 157	P	I	16 51 48.5	+0.4	
BO01			I	Amb	16 51 51.0		
O30N	Mendenhall	54.54 336	P	pP	16 52 10.2	+4.6	
M31M	Drury Creek, Y	54.54 338	P	pP	16 52 11.1	+3.7	
N31M	Braeburn, Yuko	54.60 337	P	pP	16 52 12.7	+4.8	
CPUP	Villa Florida	54.79 139	P	P	16 51 49.4	-2.3	
CPUP			I	Amb	16 51 53.0		
CPUP	comp=Z,44nm,1.7s	I	Amb				
CPUP	Villa Florida	54.79 139	P	P	16 51 51.6	-0.3	
CPUP	comp=Z,3nm,1.0s,baz=316,slow=6.4,SNR=5.3						
CPUP	Villa Florida	54.79 139	P	pP	16 51 51.5	-0.4	
CPUP			pP	pP	16 52 12.1	+2.5	
CPUP			sP	sP	16 52 20.1	+2.8	
HYP	Haines Junctio	54.88 336	P	P	16 52 17.5	+5.7	
BDFB	Brasilia	54.90 122	P	P	16 51 51.0	-2.0	
BDFB			I	Amb	16 51 54.9		

BDFB	Brasilia	54.90 122	P	P	16 51 52.4	-0.6	
O29M	Mount Kennedy	55.01 335	P	pP	16 52 16.4	+5.4	
N30M	Aishikh Lake	55.09 336	P	pP	16 52 16.8	+5.3	
YUK6	Outpost Mounta	55.29 335	P	pP	16 52 19.0	+5.9	
YUK4	Talbot Arm	55.63 336	P	pP	16 52 20.8	+5.3	
M30M	Minto, Yukon	55.65 338	P	pP	16 52 20.0	+4.5	
MAYO	Mayo, Yukon	55.96 339	P	pP	16 52 23.0	+5.3	
YUK8	Steele Glacier	56.05 335	P	pP	16 52 24.0	+5.4	
M29M	Somme Creek	56.20 337	P	P	16 52 00.0	-1.6	
M29M	Somme Creek	56.20 337	P	P	16 52 05.0	+3.4	
L29M	L29M	56.46 338	P	pP	16 52 25.8	+4.5	
K29M	Barlow Dome	56.68 339	P	pP	16 52 26.8	+3.8	
J30M	Hart River	56.73 340	P	pP	16 52 27.6	+4.4	
BVCY	Beaver Creek	57.10 336	P	pP	16 52 30.2	+4.4	
I30M	Mount Dempster	57.15 340	P	pP	16 52 30.1	+3.9	
MCAR	McCarthy VSAT	57.43 334	P	pP	16 52 34.2	+6.0	
M27K	Edge Creek, AK	57.47 336	P	pP	16 52 33.0	+4.4	
G31M	Satah River	57.61 342	P	pP	16 52 32.0	+2.7	
JANB	Januarja	57.66 120	eP	P	16 52 13.0	+0.4	
F31M	Tsigheitchic	57.81 343	P	pP	16 52 33.9	+3.2	
L27K	Beaver Creek,	57.83 336	P	pP	16 52 35.0	+4.0	
M26K	Nabesna, AK	57.94 335	P	P	16 52 36.7	+4.9	
N25K	Chitina, Valde	58.20 334	P	P	16 52 38.8	+5.1	
G30M	Ach'Zraii Nji	58.23 342	P	pP	16 52 37.1	+3.4	
INK	Inuvik	58.35 344	P	pP	16 52 37.4	+2.9	
INK	Inuvik	58.35 344	P	P	16 52 16.1	-0.5	
L26K	Log Cabin Wild	58.40 336	P	pP	16 52 39.8	+4.8	
H29M	Whitesone	58.42 340	P	pP	16 52 38.8	+3.8	
K27K	Chicken	58.44 337	P	pP	16 52 39.9	+4.7	
F30M	Barrier River	58.51 343	P	pP	16 52 39.5	+3.8	
KLU	Klutina	58.71 334	P	pP	16 52 42.8	+5.5	
HARP	HARPA	58.81 335	P	P	16 52 42.7	+4.8	
SCRK	Sand Creek	58.73 337	P	pP	16 52 44.4	+4.2	
I27K	Kandik River	59.14 339	P	pP	16 52 44.1	+3.9	
J26L	Joseph Creek	59.24 337	P	pP	16 52 45.3	+4.4	
H27K	Steamboat Moun	59.46 340	P	pP	16 52 46.6	+4.2	
I26K	Cool Creek Min	59.52 338	P	pP	16 52 46.2	+3.6	
I29M	Blow River	59.62 343	P	pP	16 52 47.2	+3.9	
F28M	Old Crow	59.73 341	P	P	16 52 28.7	+2.5	
K24K	Donnelly Dome	59.73 336	P	pP	16 52 48.8	+4.5	
G27K	Doyon Strip	59.83 340	P	pP	16 52 48.5	+3.6	
WAT6	Susitna Watana	59.96 334	P	pP	16 52 50.5	+4.4	
J25K	Salcha River,	59.97 337	P	pP	16 52 50.3	+4.3	
PLCA	Paso Flores	60.13 160	P	P	16 52 29.7	+0.4	
PLCA	Paso Flores	60.13 160	P	P	16 52 29.3	0.0	
PLCA	comp=Z,11nm,1.0s,baz=321,slow=7.9,SNR=10						
PLCA	Paso Flores	60.13 160	P	pP	16 52 30.8	+1.5	
PLCA			sP	sP	16 52 51.0	-4.0	
E28M	Babbage River	60.23 342	P	pP	16 53 05.0	+5.5	
WAT1	Susitna Watana	60.41 334	P	pP	16 52 53.0	+4.0	
HDA	Harding Lake	60.48 336	P	pP	16 52 53.1	+3.8	
E27K	Coleen River	60.60 341	P	pP	16 52 53.4	+3.2	
G26K	Porcupine Rive	60.61 340	P	pP	16 52 52.8	+2.6	
ILAR	Eielson Array	60.62 337	P	P	16 52 32.3	0.0	
MCKL	McKinley	60.95 335	P	pP	16 52 56.7	+4.0	
H25K	Chukchee Creek	60.95 339	P	pP	16 52 56.1	+3.6	
POKR	Poker Plat Res	60.99 337	P	pP	16 52 56.3	+3.4	
D27M	Malcolm River	61.03 343	P	pP	16 52 57.0	+3.9	
GDU01	Guandu, BA	61.07 116	eP	P	16 52 36.9	+0.8	
F26K	Sheenjek River	61.13 340	P	pP	16 52 58.4	+4.6	
TROA	Torquist	61.23 152</					

Table with columns: Gen, Gend, Time, Az, El, P, S, Az, El, P, S. Lists various stations and their coordinates.

Table with columns: CAN, TOO, MOO, CMAR, CHTO, PZH, XAN, CD2, SHL, USRK, ODAN, GTA, RAM, JIRN, GUN, PKI, PKIN, KKN, DMN, GKN, KOLN, DANN, PYUN, ULN, SOMN, ZSN, NIL, SHLS, ZHB, KSH, MKAR, SATY, MAKS, KPKS, NRN, TNSS, TKM2, UCH, AAK, AML, USP, SGDS, EKSZ, ZALV, BTK, BTKL, KURK, CHGR, IUG, KKAR, BRZS, GEYT, NRK, ABKAR, ELIB, CPUP, DJA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations and their coordinates.

Table with columns: KOK, RUS, RUS, KRX, KRMR, KMRM, MTRV, GRL, GRI, ASAK, ASAK, PETK, PETK, KDR, KDR, GNL, APC, MKZ, MKZ, KZV, KZV, TUMD, TUMD, PAU, PAU, TUMR, TUMR, KMNR, KMNR, BZ, BZ, BZMR, BZMR, BZGR, BZGR, ZLV, ZLV, ESO, ESO, KOZ, KOZ, CIRR, CIRR, KRKR, KRKR, KLY, KLY, KRDR, KRDR, BDB, BDB, SMKR, SMKR, ILAR, ILAR, SOMN, SOMN, MKAR, MKAR, NVAR, NVAR, PDAR, PDAR, FINES, FINES, NOA, NOA, HEL, HEL, UPP, UPP, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations and their coordinates.



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Table with columns: FINES, FINES Array B, 6.11 157 Pn Pn 17 02 40.2 +1.0, etc.

NEIC 08 17:01:45.0.2.5, 15.21N.0.09:94.33W.0.08, h35km, 2km, mb4.8/63, Error ellipse: s-maj=17.6km s-min=9.0km az=218.0

IDC 08 17:01:49.2.2.7, 15.14N:94.23W, h67km, 2km, mb4.1/26, mbmp4.4/28, Error ellipse: s-maj=24.2km s-min=9.3km az=52.0

ISC 08 17:01:44.6.0.5, 15.15N:0.07:94.29W.0.08, h28km, n379, n182/374, mb4.6/33, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like RTAL, RUEH, PETF, ESQI, etc.

Main station list table with columns: BBAC, Balboa, Cauca, 21.28 126 eP P, etc. Includes stations like BBAC, NORC, POPC, OTAV, etc.

Main station list table with columns: ULM, Lac du Bonnet, 35.03 358 P P, etc. Includes stations like ULM, BPMT, EGMT, OVMT, etc.

18 08 35.0 +1.3

Table of astronomical observations for 8d 17h, listing station names (e.g., Q18K, BPAW), station IDs, times, and phases.

Table of astronomical observations for 2017 SEP, listing station names (e.g., HUIG, PANG), station IDs, times, and phases.

Table of astronomical observations for 560, listing station names (e.g., OXF, MSTX), station IDs, times, and phases.

NEIC 08 17:02:52.4+1.9, 15:52N, 07:94:69W, 0.04, h21km, 5km, mb4.9/133, Mds, 0/8(MEX), Error ellipse: s-maj=11.0km, s-min=5.7km, az=189.0



8d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, CMAR Chian Arr, MATP Matopo, ZALV Zalesovo Beam, etc.

NEIC 08 17:21:54.9, 2.8, 15.33N, 0.07, 94.74W, 0.03, h10km, 7km, mb4.1/19, Md4.0/(MEX), Error ellipse: s-maj=10.5km

MEX 08 17:21:59.1, 0.5, 15.48N, 94.77W, h40km, Md4.0, ISC 08 17:21:59.7, 0.8, 15.37N, 0.07, 94.74W, 0.04, h35km, n36, s=155/46, mb4.3/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NILT Santiago Nitte, HUIG Huatulco, PEIG Puerto Escondi, etc.

IDC 08 17:22:09.8, 0.7, 6.95S, 133.21E, h0km, mb4.2/12, mbtmp4.3/18, ML4.5/4, MS4.5/2, Error ellipse: s-maj=25.2km s-min=14.6km az=76.0

NEIC 08 17:22:13.2, 2.8, 6.84S, 0.05, 133.24E, 0.06, h20km, 4km, mb4.5/42, Error ellipse: s-maj=9.4km s-min=7.0km az=112.0

DJA 08 17:22:15.0, 0.2, 7.52S, 133.3E, h124km, 6km, M4.6/33, mb4.6/33, mb5.1/11, MLv4.8/14, Mw(mB)4.4/11, MwMwp6.1/1, Mwp6.1/1

ISC 08 17:22:14.2, 0.4, 6.96S, 0.04, 133.17E, 0.05, h35km, n127, s=202/121, mb4.4/29, MS4.4/3, Arru Islands region

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

2017 SEP

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAMM Ramite, JIRN Jiri, GUN Gumba, etc.

GUC 08 17:28:32.9, 0.2, 17.79S, 68.50W, h110km, 5km, ML3.4, SJA 08 17:28:32.3, 1.9, 21.72S, 68.48W, h100km, ML3.4, MW3.5, ISC 08 17:28:32.5, 1.4, 21.78S, 0.03, 68.50W, 0.06, h122km, 10km, n31, s=091/61, 11C, Chile-Bolivia border

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like L19K White Mountain, M19K Rio River Log, J20K Nowinta River, etc.

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, ISC. Includes entries like PATCX Punta Patache, TA01 Diego Aracena, TA02 Huaquiquiz, YJA Yavi, PB16 IPOC Station P, etc.

NEIC 08 17:32:35.8±2.2, 15:14N;0:08:94.50W;0.05, h36km, 11km, mb4.3/58, Md4.4/12(MEX), Error ellipse: s-maj=12.2km s-min=6.4km az=185.0

IDC 08 17:32:36.1±8.5, 15:17N;94:32W, h48km, 55km, mb3.8/8, mbmp4.0/9, ML3.7/1, Error ellipse: s-maj=84.5km s-min=23.2km az=6.0

MEX 08 17:32:38.4±0.6, 15:49N;94:69W, h87km, 41km, MD4.4, ISC 08 17:32:34.6±0.7, 15:12N;0:07:94.54W;0.04, h35km, 6km, n95, ±130/105, mb4.3/27, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, ISC. Includes entries like NILT Santiago Nilte, HUIG Huatulco, PANG Puerto Angel, PEIG Puerto Escondi, RTAL Retalhuleu, VHO Vista Hermosa, etc.

TEIG 506nm, 0.4s, baz=325, slow=1.6, SNR=6.5

CNGN Cerro Negro 8.04 108 Pn Pn 17 34 30.2 +1.2

MATN Matagalpa 8.63 104 Pn Pn 17 34 37.5 +0.3

BRDY Brady 16.61 347 P Iamb Iamb 17 36 25.9 +1.2

OZNA Ozona 16.85 340 P Iamb Iamb 17 36 30.0 +0.3

WHTX Lake Whitney, 17.01 351 P P 17 36 30.9 -0.5

ALPN Alpine 17.34 333 P Iamb Iamb 17 36 36.1 +1.0

060A Indianatown 17.74 46 P P 17 36 38.0 -0.9

ABTX Abilene, Hawle 18.04 346 P Pn Pn 17 36 42.6 +0.1

LOOK Love County 18.95 353 P P 17 36 53.0 +0.4

OK052 Battle Ridge R 20.89 355 P P 17 37 12.8 -1.0

ELIS Ellis County 21.31 349 P Iamb Iamb 17 37 19.3 +0.9

OK051 E0350 and S346 21.40 355 P P 17 37 19.6 +0.3

U49A Red Boiling Sp 22.70 19 P P 17 37 31.9 -1.3

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, ISC. Includes entries like R40A Maddies Statio, R32A Long Quarter, P40A Paris, etc.

ISCO Idaho Springs 26.43 341 P P 17 38 05.8 0.0

K38A Parkersburg 27.48 3 P Iamb Iamb 17 38 16.7 -0.8

TMUT Trail Mountain 28.19 332 P P 17 38 26.1 +1.9

HVU Hansel Valley 30.89 333 P Iamb Iamb 17 38 50.4 +2.4

ELK Elko 31.25 329 P P 17 38 53.9 +2.6

REDW Red Top Meadow 31.42 337 P Iamb Iamb 17 38 54.0 +1.3

AGMN Agassiz Station 33.10 358 P P 17 39 07.4 +0.3

WVOR Wild Horse Val 34.22 327 P Iamb Iamb 17 39 19.2 +2.1

J08A Circle Bar Ranch 34.80 329 P Iamb Iamb 17 39 23.9 +1.9

F10A Beach Ranch, E 36.18 333 P Iamb Iamb 17 39 35.5 +1.6

ETMB Extrema 37.44 130 P Iamb Iamb 17 39 45.0 +0.3

ILAR Eielson Array 60.86 337 P P 17 42 41.7 -1.6

EK A Eskdalemuir Ar 78.50 36 P P 17 44 32.0 0.0

ESDC Sonseca Array 80.95 51 P P 17 44 44.6 -1.1

NOA NORSPAR Arr B 84.33 28 P P 17 45 02.8 -0.1

ARCES ARCESS Array B 85.84 18 P P 17 45 09.6 -0.7

CMAR Chiang Mai Arr 144.09 338 PKP PKPbc 17 52 06.1 +0.6

BUI 08 17:35:28.1±0.0, 14:03N;54:14E, h10km, mb4.9/64, mb5.0/33, MS4.5/26, Ms7.4/24

IDC 08 17:35:34.6±0.4, 14:72N;54:72E, h0km, mb4.6/40, mbmp4.6/41, ML3.6/1, MS4.2/38, Error ellipse: s-maj=11.4km s-min=9.9km az=112.0

DSN 08 17:35:34.8±1.7, 14:63N;55:01E, h10km, mb5.6/2, ML4.6/1, Error ellipse: s-maj=38.6km s-min=9.0km az=118.0

MOS 08 17:35:34.1±1.0, 14:67N;54:70E, h10km, mb5.2/73, MS4.3/14, Error ellipse: s-maj=6.2km s-min=3.4km az=103.5

NEIC 08 17:35:36.3±1.5, 14:71N;0:05:54.71E;0:07, h10km, 1km, mb5.1/113, Error ellipse: s-maj=12.3km s-min=7.8km az=66.0

OMAN 08 17:35:44.1±0.1, 15:15N;54:92E, h35km, 1km, mb4.4/23, mb4.7/5, ms4.2/7, Error ellipse: s-maj=1.1km s-min=1.1km az=318.0

ISC 08 17:35:36.7±0.5, 14:77N;0:04:54.76E;0:04, h12km, 2km, h12km; p-P, n684, ±159751, mb5.1/192, MS4.3/58, 42C-20D, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, ISC. Includes entries like RBK Rabkut, ABTO Aybut, DMTO DMTO, WADI Wadi Hawi, JMDO Jabal Madar, BSY Bisya, MZR Muzera, etc.

Table with columns: Code, Station Name, Az, El, Op, P, S, Res, Time, ISC. Includes entries like ASHO Al Faqa, Dubai, FAQ Al Faqa, Dubai, FAQ Al Faqa, Dubai, etc.

UOSS Minazif 10.21 7 P S Pn 17 38 04.2 +1.0

JRN Garnain Island 10.28 350 P Pn 17 38 05.0 +1.0

SHME Shamm 11.30 6 i P Pn 17 38 18.0 0.0

JASK Jask - Hormozg 11.42 14 P Pn 17 38 19.9 +0.2

NGCH Negor - Chabah 12.11 29 P Pn 17 38 26.8 -2.4

TEND Ethiopian Broa 13.71 259 eP P 17 39 02.3 +2.4

AAE Adis Abeba 16.65 252 eP P 17 39 33.2 +0.3

AAE Adis Abeba 16.65 252 eP P 17 39 35.7 +2.9

AAE Adis Abeba 16.65 252 eP P 17 39 34.4 +1.1

AAE Adis Abeba 16.65 252 eP P 17 39 34.6 +1.3

AAE Adis Abeba 16.65 252 eP P 17 39 34.4 +1.1

FURI Furi 16.78 251 eP P 17 39 34.0 -0.3

FURI Furi 16.78 251 eP P 17 39 34.2 -0.1

FURI Furi 16.78 251 eP P 17 39 34.0 -0.3

FURI Furi 16.78 251 eP P 17 39 34.0 -0.3

FURI Furi 16.78 251 eP P 17 39 34.2 -0.1

FURI Furi 16.78 251 eP P 17 39 34.0 -0.3

DILA Dilla 18.18 245 eP P 17 39 52.6 +3.0

DILA Dilla 18.18 245 eP P 17 39 52.6 +3.0

GRD1 Great Renaisa 19.54 262 eP Pn 17 40 06.7 +0.9

GRD1 Great Renaisa 19.54 262 eP Pn 17 40 06.7 +0.9

HMAD HMadia desert 21.25 287 i P P 17 40 17.6 -5.1

JAWL J.Audla 21.51 274 i P P 17 40 27.1 +1.2

MRWI Hamdad 22.06 283 i P P 17 40 32.4 +0.7

LODK Lodwar 22.20 241 P Iamb Iamb 17 40 31.1 -2.1

LODK Lodwar 22.20 241 eP P 17 40 34.3 +1.1

LODK Lodwar 22.20 241 eP P 17 40 33.0 -0.3

LODK Lodwar 22.20 241 eP P 17 40 34.3 +1.1

LODK Lodwar 22.20 241 eP P 17 40 34.3 +1.1

Table with columns: CHGR, Chuyangaron, 26.97, 25, P, P, 17 41 18.9 +0.5, etc. Includes stations like Gaziantep, Kars, Mbarara, Makhachkala, Batken, Bannan, etc.

Table with columns: SANT, Santorini, 33.85, 315, P, I/Amb, 17 42 17.1 -2.2, etc. Includes stations like Ambohitrararo, Tian-Shan, Przheval'sk, etc.

Table with columns: BVAR, Borovoye Array, 40.12, 15, P, P, 17 43 11.9 -0.4, etc. Includes stations like Kurchatov, Semipalatinsk, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KOLS, KWP, MORH, CRVS, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like GTA, VRAC, MYKA, KRLC, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like BRG, RETA, HSKK, DAVOX, etc.

8d 17h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like WHN, ESB, KOWA, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like YAK, KLR, JNU, etc.

566

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like K20K, ILAR, CAST, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, etc. Includes stations like CESP1, GUMA, etc.



Table with columns: Code, Station Name, A1, AZ, Op, Phase ID, h, m, s, Res, ISC. Includes stations like CINQ Cingoli, CINQ Cing, CINQ Cing, T1214 Arquata del T, etc.

Table with columns: SNO1, IAMB, IAMB, 17 56 59.7, etc. Includes stations like LRLAL Lakeview Res, APMT Aspermont, MIAR Mount Ida, etc.

Table with columns: ellipse: s-maj=10.5km s-min=5.3km az=104.5, NEIC 08 18:00:29.4z, 2.15, 15:38N:0:07:94, 34W:0:07, h37km, 7km, etc.

IDC 08 17:52:47.3z, 3.2, 15:77N:93:55W, h88km, 27km, mb3, 8/13, mbmp4, 1/15, Error ellipse: s-maj=28.0km s-min=12.8km az=60.0

NEIC 08 17:52:46.0z, 1.7, 15:68N:0:06:93:87W, 0.05, h70km, 9km, mb4, 4/65, Md4, 4/12(MEX), Error ellipse: s-maj=9.3km s-min=6.7km az=186.0

MEX 08 17:52:47.8z, 0.5, 15:46N:93:78W, h50km, 145km, MD4, 4 GCG 08 17:53:02.6z, 0.8, 15:35N:92:87W, h50km, 113km, MD4, 4

ISC 08 17:52:46.6z, 0.8, 15:51N:0:05:93:87W, 0.04, h81km, 8km, n126, r1930/137, mb4, 3/29, Near coast of Chiapas

Table with columns: Code, Station Name, A1, AZ, Op, Phase ID, h, m, s, Res, ISC. Includes stations like NILT Santiago Nitte, TGIG Huatulco, HUIG Huatulco, etc.

Table with columns: SNO1, IAMB, IAMB, 17 56 59.7, etc. Includes stations like ANMO Albuquerque, SIUC Southern Ilin, WCI Wyandotte Cave, etc.

Table with columns: Code, Station Name, A1, AZ, Op, Phase ID, h, m, s, Res, ISC. Includes stations like CEDE Laguna Cedeo, SOCE Pococol, COVE Coepe Vega, Sa, etc.

MOS 08 18:00:27.9z, 1.3, 15:43N:94:10W, h36km, mb5, 1/34, Error

8d 18h

Table with columns: ID, Name, Comp, Az, El, AzEl, Pn, P, S, Smax, Pmax, Time, AzEl, Pn, P, S, Smax, Pmax. Includes entries like 451A, FW13 Cleburne, VBMS Vicksburg, etc.

2017 SEP

Table with columns: ID, Name, Comp, Az, El, AzEl, Pn, P, S, Smax, Pmax, Time, AzEl, Pn, P, S, Smax, Pmax. Includes entries like HELC Santa Helena, OK031 Zaragoza, OK052 Battle Ridge, etc.

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Table with columns: ID, Name, Comp, Az, El, AzEl, Pn, P, S, Smax, Pmax, Time, AzEl, Pn, P, S, Smax, Pmax. Includes entries like MACC Macarena, U56A King, PTLC Puerto Leguiza, etc.



Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SJMB, CHUM, GUA01, etc.

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

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

MOS 08 18:24:13.1 ± 1.1, 15:72N:94:92W, h32km, mb5.2/40, Error ellipse: s-maj=9.1km s-min=4.7km α=103.2
NEIC 08 18:24:14.0 ± 1.8, 15:69N:005:94:93W, 0.04, h27km, 3km, mb5.0/505, Mds, 1/12(MEX), Error ellipse: s-maj=8.4km s-min=4.7km αz=158.0
MEX 08 18:24:14.2 ± 0.8, 15:69N:95:21W, h16km, 16km, MD4.6
IDC 08 18:24:15.8 ± 2.2, 15:62N:94:81W, h44km, 19km, mb4.6/25, mbmp4.8/27, ML4.5/2, MS4.3/27, Error ellipse: s-maj=16.7km s-min=9.3km αz=65.0
ISC 08 18:24:11.5 ± 1.1, 15:58N:004:95:15W, 0.03, h17km, 6km, n126, ±168/950, mb5.0/295, MS4.4/33, 1C-BD, Near coast of Oaxaca

BUC 08 18:12:02.3 ± 0.3, 45:78N:26:76E, h127km, 2km, m3.5/40, 49C-32D, Romantia: s-maj=1.6km s-min=1.4km

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PLOR, PLOH, ODBI, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CRIN, IANM, MATN, etc.



Table with columns for call sign, name, elevation, bearing, distance, and status. Includes entries like Mesa Verde, Wupatki, WUAZ, etc.

Table with columns for call sign, name, elevation, bearing, distance, and status. Includes entries like Pilot Hill, Turquoise Mountain, El Baul, etc.

Table with columns for call sign, name, elevation, bearing, distance, and status. Includes entries like Palisades, Battle Mountain, Yerrington, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other technical details for stations 573.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other technical details for stations 2017 SEP.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other technical details for stations 8d 18h.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Rows include stations like O18K Koktuh Hills, MLY Manley, TROA Torment, etc.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Rows include stations like SUMG Summit, L14K Kuba Creek, D19K Kuna River, etc.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Rows include stations like WLF Walferdange, WLF WLF, WLF Walferdange, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Liptovska Anna, Cervenica-Dubn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Papeete2, PAE, PAE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like ENEZ, Enez, Balya, etc.

IDC 08:18:30:01.6:1.2, 15:50Sx152:03W, h0km, mb3.5/4, mbmp3.6/5, ML4.4/1, MS4.2/5, Error ellipse: s-maj=41.0km s-min=29.3km az=157.0

ATH 08:18:33:40.8, 39:57'N-26:03'E, h13km, 4km, ML2.5/7, Manual Solution by D. Makaris First location: 2019/04/11 10:33:07, This location: 2019/04/11 10:37:25 ML

NEIC 08:18:35:55.1:0.7, 15:18N:0:06:94:40W:0:04, h28km, n55, i=159/64, mb4.1/10, Near coast of Oaxaca i=159/64, mb4.1/10, Near coast of Oaxaca



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CSTR, TUL3, HBAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like T45A, CGM3, V51A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like P40A, U45A, S51A, etc.

O49A	baz=204	S	S	19 07 09.3	-4.6
O49A	baz=204	S	S	19 07 09.3	-4.6
SCIA	State Center	25.82	3 P	19 02 46.2	-2.1
SCIA	State Center	25.82	3 P	19 02 47.2	-1.2
SCIA	State Center	25.82	3 P	19 02 47.6	-0.8
L34A	Svensden Farm,	25.85 358	P	19 02 47.2	-1.5
L34A	comp=Z,158nm,1.1s	25.85 358	P	19 02 49.0	+0.3
L34A	Svensden Farm,	25.85 358	P	19 02 49.0	+0.3
PMD	Palm Desert	25.97 316	I Amb	19 02 54.2	
TPFO	Pinon Flats	26.00 316	P	19 02 52.2	+1.9
PFO	Pinon Flats O	26.00 316	P	19 02 50.3	-0.1
PFO	Pinon Flats O	26.00 316	i P	19 02 50.5	+0.2
PFO	comp=Z,63nm,1.2s	26.00 316	P	19 02 52.1	+1.8
PFO	Pinon Flats O	26.00 316	P	19 02 51.8	+1.4
PFO	comp=Z,32nm,1.1s, baz=116,slow=7.3,SNR=18	26.00 316	LR	19 13 06.9	
109C	comp=Z,2um,21.6s, baz=138,slow=36	26.02 314	I Amb	19 02 55.2	
109C	Camp Elliot, M	26.02 314	I Amb	19 02 55.2	
Q54A	Coxs Mills	26.05 26	P	19 02 47.5	-3.1
Q54A	baz=212	P	P	19 02 47.5	-3.1
N47A	Urbana	26.05 16	P	19 02 47.3	-3.3
N47A	comp=Z,41nm,0.7s	26.14 7	I Amb	19 03 07.0	
L40A	Anamosa	26.14 7	P	19 02 49.7	-1.5
L40A	comp=Z,97nm,0.8s	26.14 7	P	19 02 51.6	-0.5
PKCU	Pink Cliffs	26.18 328	P	19 02 57.7	
PKCU	comp=Z,103nm,1.6s	26.22 319	P	19 02 54.3	+2.1
GMRC	Granite Mounta	26.22 319	P	19 02 54.3	+2.1
P53A	Whipple	26.25 25	I Amb	19 03 27.9	
P53A	comp=Z,99nm,1.1s	26.25 25	P	19 02 49.9	-2.4
P53A	baz=211	P	P	19 02 49.9	-2.4
L42A	Oliver, Polo	26.29 9	I Amb	19 03 08.3	
L42A	comp=Z,97nm,0.9s	26.29 9	P	19 02 51.0	-1.6
ACSO	Alum Creek Sta	26.31 21	P	19 02 49.4	-3.4
V12A	Nelson	26.35 322	I Amb	19 02 54.1	+0.7
V12A	comp=Z,102nm,1.1s	26.48 341	P	19 02 55.9	+1.2
N23A	Red Feather La	26.48 341	P	19 02 55.9	+1.2
MURC	Murrieta	26.49 315	P	19 02 57.5	+2.9
MURC	baz=126,SNR=7.1	26.49 315	P	19 02 55.3	-0.4
MTPU	Mount Pierson	26.57 329	P	19 03 06.2	
O20A	White River Cj	26.58 337	I Amb	19 02 57.6	+2.0
O20A	comp=Z,71nm,1.2s	26.58 337	P	19 02 57.6	+2.0
K38A	Parkersburg	26.58 4	I Amb	19 02 56.9	
K38A	comp=Z,93nm,0.8s	26.58 4	P	19 02 54.4	-0.9
O52A	Adamsville	26.62 23	P	19 02 51.6	-4.0
O52A	comp=Z,53nm,0.9s	26.62 23	P	19 02 52.4	-3.3
O52A	baz=209,SNR=5.7	26.62 23	P	19 02 52.4	-3.3
K31A	O'Neill	26.66 354	P	19 02 53.8	-2.2
K31A	comp=Z,172	26.66 354	P	19 02 57.6	+1.5
HEC	Hector, Ludlow	26.67 318	P	19 02 58.5	+2.2
ELS	Elsinore Mount	26.68 315	P	19 02 57.0	+0.6
PHWY	Pilot Hill	26.70 342	P	19 02 56.1	-0.7
L44A	Lake County Fo	26.76 12	P	19 02 55.7	-1.2
L44A	comp=Z,76nm,0.6s	26.80 320	P	19 02 59.6	+2.1
TUQ	Turquoise Moun	26.80 320	P	19 02 59.6	+2.1
MVU	Marysville	26.95 329	I Amb	19 03 10.3	
P18A	Preston Nutter	26.95 334	I Amb	19 03 07.3	
SHRP	Sheep Range	27.06 323	PcP	19 06 20.3	+0.3
JFWS	Jewell Farm	27.09 8	P	19 02 57.5	-2.3
JFWS	comp=Z,124nm,0.7s	27.09 8	P	19 02 58.5	-1.4
JFWS	Jewell Farm	27.09 8	P	19 02 58.9	-1.0
JFWS	baz=190,SNR=25	27.09 8	P	19 03 00.2	-0.2
TMUT	Trail Mountain	27.10 332	P	19 03 03.3	+2.4
BFSC	Mount Baldy Ra	27.10 336	P	19 03 04.2	+2.5
GSC	Goldstone, Bar	27.27 319	P	19 03 34.5	
BAUV	Ei Baul	27.34 102	I Amb	19 03 34.5	
L48A	N Adams	27.39 17	P	19 02 59.8	-2.8
L48A	comp=Z,60nm,1.0s	27.40 336	P	19 03 03.5	0.0
RDMU	Red Mountain	27.40 336	P	19 03 03.5	0.0
RWWY	Rawlins	27.40 340	I Amb	19 03 08.3	
N53A	Lisbon	27.60 24	P	19 03 01.7	-2.8
N53A	comp=Z,55nm,0.9s	27.62 358	P	19 03 04.0	-0.6
ECSD	EROS Data Cent	27.62 358	P	19 03 04.8	+0.2
ECSD	baz=177,SNR=27	27.62 358	P	19 03 05.5	+0.6
PRN	Pahroc Range	27.63 324	P	19 03 05.7	-0.4
GWY	Greenwater Val	27.75 320	P	19 06 22.1	+0.5
GWY	comp=Z,912nm,20.5s, baz=268,slow=39	27.75 320	P	19 03 08.5	+2.3
EDW2	Edwards Air Fo	27.78 317	P	19 03 06.8	+0.3
PSUT	Pine Spring	27.80 327	P	19 03 54.5	
I37A	Lemond, Waseca	27.91 3	I Amb	19 03 06.2	-1.0
I37A	comp=Z,50nm,0.8s	27.91 3	P	19 03 11.7	+2.8
BSUT	Blindstream Ca	27.93 334	I Amb	19 03 11.7	+2.8
LRMC	Laurel Mtn Rad	27.94 318	P	19 03 09.8	+2.1
TPNV	Topopa Spring	28.00 322	P	19 03 11.4	+3.1
I40A	Norwalk	28.01 7	I Amb	19 03 24.8	
NLU	North Lily Min	28.03 332	P	19 03 08.4	-0.2
WCT	Wildcat Mounta	28.12 321	P	19 03 10.4	+1.1
MPMC	Manual Prospec	28.18 319	P	19 03 22.6	+0.1
S11A	Rachel	28.19 324	P	19 03 11.6	+1.7
S11A	comp=Z,96nm,1.1s	28.25 10	P	19 03 07.9	-2.3
K22A	Casper	28.26 342	I Amb	19 03 14.3	
K22A	comp=Z,113nm,1.7s	28.26 342	P	19 03 11.8	+1.3
K22A	Casper	28.26 342	P	19 03 11.0	+0.5
K22A	baz=156,SNR=10	28.26 342	P	19 03 13.8	+1.8
ATAH	Atahualpa	28.37 143	P	19 06 25.4	+1.6
ATAH	comp=Z,5.1nm,0.8s, baz=275,slow=13,SNR=2.9	28.37 143	P	19 06 25.4	+1.6
ATAH	comp=Z,11nm,1.0s, baz=337,slow=9.2,SNR=4.0	28.37 143	P	19 06 25.4	+1.6

ATAH	LR	LR	19 12 53.9		
SPR3	Spring Creek 3	28.39 327	P	19 03 12.0	0.0
ARVC	Arvin	28.48 316	P	19 06 22.6	-0.7
DUG	Dugway, Tooele	28.56 331	P	19 03 14.9	+2.5
ISA	Isabella, Lake	28.56 318	P	19 03 15.3	+2.1
ISA	Isabella, Lake	28.56 318	P	19 03 14.4	+1.2
ISA	Isabella, Lake	28.56 318	P	19 06 24.4	+1.2
ISA	Isabella, Lake	28.56 318	P	19 03 15.8	+2.6
R11B	Troy Canyon, C	28.59 325	P	19 03 15.7	+2.1
TCUT	Toone Canyon	28.68 334	I Amb	19 03 18.3	
GRAC	Grapevine Rang	28.70 321	P	19 03 15.5	+1.1
GRAC	comp=Z,68nm,1.1s	28.70 321	P	19 03 19.1	
GRAC	Grapevine Rang	28.70 321	P	19 03 16.9	+2.5
CWC	Cottonwood Cre	28.79 319	P	19 03 17.7	+2.4
GMN	Gold Mountain	28.84 321	P	19 06 26.3	+1.9
RSSD	Black Hills	28.99 347	P	19 03 17.1	+0.2
RSSD	Black Hills	28.99 347	P	19 03 17.2	+0.2
RSSD	comp=Z,22nm,1.3s	28.99 347	P	19 03 19.4	+2.4
PKM	Mpgherson Peak	29.00 315	P	19 03 18.1	+0.9
VES	Vestal, Richgr	29.07 317	P	19 03 20.3	+2.8
SPMN	Marine on St.	29.15 3	P	19 03 16.3	-1.9
SPMN	comp=Z,62nm,0.6s	29.15 3	P	19 03 16.8	-1.4
SPMN	Marine on St.	29.15 3	P	19 03 17.4	-0.8
HWUT	Hardware Ranch	29.15 334	I Amb	19 03 23.3	
DSP	Deep Springs	29.31 321	I Amb	19 03 24.3	
BW06	Boulder Array	29.36 338	P	19 03 21.4	+1.0
PD31	Pinedale Array	29.36 338	P	19 03 19.7	-0.7
PDAR	Pinedale Array	29.36 338	P	19 03 19.7	-0.7
PDAR	comp=Z,5.9nm,1.0s, baz=138,slow=9.1,SNR=27	29.36 338	P	19 03 20.9	+0.5
PDAR	comp=Z,1.9nm,0.7s, baz=123,slow=3.3,SNR=5.5	29.36 338	P	19 06 25.7	+0.1
SMMC	Simmler	29.37 315	P	19 03 23.1	+2.8
G40A	Rib Lake	29.42 7	P	19 03 17.8	-2.8
G40A	Rib Lake	29.42 7	P	19 03 18.8	-1.8
F36A	Milaca	29.75 2	P	19 03 22.3	-1.2
HVU	Hansel Valley	29.81 333	P	19 03 25.0	+0.7
HVU	comp=Z,100nm,0.9s	29.81 333	P	19 03 25.0	+0.7
HVU	Hansel Valley	29.81 333	P	19 03 31.8	
Q09A	Carvers	29.82 324	I Amb	19 03 31.8	
OMMB	Old Mammoth M	30.10 320	I Amb	19 03 31.5	
NV11	Mina Array Sit	30.12 322	P	19 03 27.7	+0.7
NV11	comp=Z,99nm,1.1s	30.12 322	P	19 03 31.8	
NV11	MDP	30.16 320	I Amb	19 06 27.4	-0.1
ELK	Elk	30.16 329	PcP	19 03 32.0	
ELK	comp=Z,7.3nm,0.9s, baz=113,slow=3.2,SNR=4.3	30.16 329	P	19 07 28.1	
NVAR	Mina Array Bea	30.20 322	P	19 06 29.4	+1.6
NVAR	comp=Z,11m,18.5s, baz=156,slow=40	30.20 322	P	19 03 30.6	+2.7
NVAR	Mina Array Bea	30.20 322	P	19 06 28.8	+1.0
NVAR	comp=Z,66nm,0.9s, baz=139,slow=8.8,SNR=188	30.20 322	P	19 16 56.3	
NVAR	comp=Z,5.5nm,0.8s, baz=148,slow=2.5,SNR=7.0	30.20 322	P	19 03 29.2	+1.6
LHV	Little Huntoon	30.20 322	P	19 03 32.7	
LHV	comp=Z,49nm,1.0s	30.23 97	P	19 03 23.4	-4.8
PCRV	Puerto La Cruz	30.23 97	P	19 17 25.7	
PCRV	comp=Z,5.5nm,0.6s, baz=210,slow=7.0,SNR=8.9	30.23 97	P	19 03 32.4	
REDW	Red Top Meadow	30.35 337	I Amb	19 03 27.6	-1.5
COWI	Conover	30.37 8	P	19 03 33.8	
PMPB	Monarch Peak	30.42 316	I Amb	19 03 37.4	
KVN	Kaisererville	30.50 323	I Amb	19 03 29.0	-2.0
E38A	The Farm, Br	30.61 5	P	19 03 30.2	-0.9
E38A	comp=Z,75nm,0.7s	30.61 5	P	19 03 31.6	
E38A	The Farm, Br	30.61 5	P	19 03 30.2	-0.9
MOOW	Moose Ponds	30.64 337	P	19 03 31.4	-0.2
MOOW	comp=Z,25nm,0.6s	30.65 337	P	19 03 34.2	
MOOW	Fox Creek	30.84 337	P	19 06 28.2	-0.7
MOOW	comp=Z,47nm,1.2s	30.84 337	P	19 03 30.5	+1.6
MOOW	IMW	30.84 337	P	19 03 32.5	+0.7
MOOW	IMW	30.84 337	P	19 04 34.8	
WAKR	Walker	30.93 321	I Amb	19 03 39.1	
BMN	Battle Mountain	30.96 326	I Amb	19 03 38.6	
E43A	Lone Tree Farm	30.98 11	P	19 03 32.4	-2.0
YERR	Yerington	31.12 322	P	19 03 36.0	+0.1
YERR	comp=Z,58nm,1.1s	31.12 322	P	19 03 40.4	
SAO	San Andreas Ge	31.16 316	P	19 03 36.7	+0.6
SAO	San Andreas Ge	31.16 316	P	19 03 36.7	+0.6
YMP	Mirror Lake Pl	31.29 339	P	19 03 36.6	-0.9
RLMT	Red Lodge	31.34 341	P	19 03 40.8	
RLMT	comp=Z,57nm,1.3s	31.34 341	P	19 03 39.1	+1.4
YNE	Yellowstone No	31.48 340	P	19 03 37.8	-1.3
YNE	Yellowstone No	31.48 340	P	19 03 39.3	-0.7
YNE	Herald Hill	31.58 338	I Amb	19 03 45.3	
EMB	Emerald Bay	31.63 321	I Amb	19 03 37.4	-2.8
SADO	Sadowa	31.65 22	P	19 03 37.4	-2.8
SADO	comp=Z,798nm,18.1s, baz=163,slow=42	31.65 22	P	19 19 08.5	
PAHR	Pah Rah Range	31.68 323	P	19 03 41.5	+0.7
PAHR	comp=Z,44nm,1.2s	31.68 323	P	19 03 46.4	
YHL	Hebgen Lake	31.75 338	I Amb	19 03 42.9	+0.9
MPK	Martis Peak	31.79 322	P	19 03 42.9	+0.9
MPK	comp=Z,120nm,1.1s	31.79 322	P	19 03 43.0	+0.4
MDND	Maddock	31.92 354	P	19 03 42.1	-0.5
MDND	baz=172,SNR=12	31.92 354	P	19 03 42.9	
MDND	Maddock	31.92 354	P	19 03 42.9	
MDND	baz=172,SNR=12	31.92 354	P	19 03 42.9	
EYMN	Ely	31.95 5	P	19 03 40.9	-1.9
EYMN	comp=Z,23nm,0.7s	31.95 5	P	19 03 40.9	-1.9
EYMN	baz=186,SNR=10	31.95 5	P	19 03 40.9	-1.9



8d 18h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PMR Palmer, RC01 Rabbit Creek A, and many others.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M19K Big River Lodg, Q16K King Salmon, and many others.

580

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SUMG Summit, SUMG Summit, and many others.









Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, OUZ Omahuta, HAZ Te Kaha, PKGZ Pakihiroa, etc.

JMA 08 19:21:36.6±0.1, 32°N, 173°13'E, h383km, MV3.1/33, FAR S OFF TOKAI DISTRICT
IDC 08 19:21:37.4±0.7, 32°42'N, 138°06'E, h373km, 9km, mb3.2/9, mbmp3.9/13, Error ellipse: s-maj=25.0km s-min=11.7km az=70.0

ISC 08 19:21:37.5±0.8, 32°42'N, 138°06'E, 0.07, h376km, n33, 0.577740, mb3.5/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JAOM Agoshimamukai, TTO2 TONANKAI O.B.S, TJO1 TONANKAI O.B.S, etc.

IDC 08 19:33:07.8±1.9, 59°25'N, 152°59'W, h76km, 28km, mb3.8/12, mbmp4.1/16, Error ellipse: s-maj=28.6km s-min=15.2km az=137.0

NEIC 08 19:33:08.3±1.3, 59°27'N, 152°55'W, 0.05, h68km, 5km, Error ellipse: s-maj=4.2km s-min=4.0km az=169.0, Moment Tensor Solution, Moment tensor: C1015Nm; Mn=1.8; M-1.02; M-0.84; M-0.28; M-0.57; M-0.46; Fault plane solution: M-1.22000x10^15 Np; e-327.77000, 365.88000, 1.165.68000; NP-2; e-63.47000, 87.684000, 1.23.68000; Principal axes: T 1.2460, P1g26.0000, Azm287.0000; N - 0.0522, P1g63.0000, Azm91.0000; P - 1.1938, P1g7.0000, Azm194.0000;

AEIC 08 19:33:09.2±1.6, 59°25'N, 152°56'W, 0.05, h64km, 5km, ML3.9, mb4.2/3(NEIC), ML4.1/130(NEIC), Mw4.0/13(NEIC) Error ellipse: s-maj=3.9km s-min=2.8km az=51.0

NEIC 08 19:33:09.7±0.5, 59°26'N, 152°56'W, 0.04, h73km, 6km, n430, 0.101442, mb4.1/15, Southern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AU22 Augustine Moun, AU25 Augustine Qik, AUH Augustine H, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Q20K Shuyak Island, Q20K Shuyak Island, SYI Shuyak Island, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like N17K Nushagak Hills, N17K Nushagak Hills, P23K Montague Islan, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IPIR, IKLH, AMIS, KRSH, QAMS, ISFB, HSAM, HAGD, IKOM, ILBA, BRTR, AKTO, IDI, MKAR, KURBB, AKASG, ZALV, FINES, HFS, TORD, MATP, KRSRS.

ISN 08 19:36:57.21.6,37.29N;44.93E, h8km, ML2.8
TEH 08 19:36:58.3,37.38N;44.95E, h6km,99km, ML2.8
DDA 08 19:37:01.6,0.0,37.14N;44.90E, h6km,5km, ML2.8
ISC 08 19:36:58.7,1.2,37.27N;0.004,44.96E,0.03,h10km,12km, n15,158/23,Turkey-Iran border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like YOVA, MAHB, IAZR, CUKT, ISHB, SDSI, ITBZ, OZAP, TVAN, TVAN, IHSH, IKRK, IKRK, IHRS, PERV, PERV, SIRS, SIRS, SIRS, K22A, ISRB.

IDC 08 19:39:17.1,1.3,0.75S;130.13E, h0km, mb3.4/3, mbmp3.4/4, ML3.8/1, MS3.8/1, Error ellipse: s-maj=28.6km s-min=19.5km az=29.0
DJA 08 19:39:18.2,0.7,0.7,7.13\*13.2E, h10km, M4.2/9, mb4.4/2, ML4.1/9
ISC 08 19:39:14.1,1.2,0.1S;0.1;132.45E;0.09,h10km,n19, 1554/19,mb3.5/3,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SUJI, SWI, RKPI, FAKI, KMPI, MSAI, LBMI, BNDI, LUWI, KDU, MTN, KNRA, WRAB, WRA, ASAR, STKA, MKAR, KURBB.

UUSS 08 19:39:17.0,0.6,42.559N;0.007,111.42W;0.02, h8km,2km, Error ellipse: s-maj=2.0km s-min=0.5km az=117.0
NEIC 08 19:39:17.0,0.5,42.57N;0.003,111.44W;0.04,h9km,3km, ML2.8/90,ML2.9/9(UUSS), Error ellipse: s-maj=5.5km s-min=2.4km az=127.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ID06, ID05, AHID, AHID.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GRRI, ECR, L17A, HLI, MDU, REDW, NPI, HWUT, WYUT, FWXY, MCV, HVU, MOOV, IMW, BW06, PD31, PDAR, TCUT, SPUT, CTU, RDMU, BGU, BSUT, BCYI, YHH, YHL, HLID, RDMU, RDMU, YNE, NU, DLMT, DLMT, RLMT, P18A, RWWY, TMUT, MFID, MFID, ELKA, O20A, K22A, MVU, BPMT, PLID, PLID, SPR3, BEMT, PSUT, N23A, MTPU, OVMT, HMCU, SHMO, BMO, BMO, ISCO, WWOR, WWOR, UUSS.

UUSS 08 19:41:27.4,1.4,42.58N;0.02;111.43W;0.03,h10km,5km, Error ellipse: s-maj=3.7km s-min=1.0km az=127.0
NEIC 08 19:41:27.1,0.5,42.57N;0.02;111.44W;0.04,h8km,6km, ML2.5/62,ML2.5/10(UUSS), Error ellipse: s-maj=4.0km s-min=2.2km az=101.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ID06, ID05, AHID, GRRI, ECR, BEI, L17A, ML, REDW, REDW, ID06, ID05, AHID, GRRI, ECR, BEI, L17A, ML, REDW, REDW, NPI, PTU, HWUT, WYUT, FWXY.

UUSS 08 19:41:27.4,1.4,42.58N;0.02;111.43W;0.03,h10km,5km, Error ellipse: s-maj=3.7km s-min=1.0km az=127.0
NEIC 08 19:41:27.1,0.5,42.57N;0.02;111.44W;0.04,h8km,6km, ML2.5/62,ML2.5/10(UUSS), Error ellipse: s-maj=4.0km s-min=2.2km az=101.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ID06, ID05, AHID, GRRI, ECR, BEI, L17A, ML, REDW, REDW, NPI, PTU, HWUT, WYUT, FWXY.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like FWXY, HVU, MOOV, IMW, BW06, PD31, PDAR, TCUT, SPUT, SPUT, CTU, CTU, CTU, BGU, BGU, BCYI, YHL, HLID, HLID, RDMU, RDMU, RDMU, DUG, DLMT, DLMT, DLMT, RLMT, RLMT, P18A, P18A, RWWY, TMUT, TMUT, MFID, MFID, MFID, ELK, O20A, O20A, SRU, SRU, SRU, K22A, K22A, PLID, PLID, PLID.

IDC 08 19:43:16.3,1.2,2.30S;139.37E, h0km, mb3.3/3, mbmp3.3/4, ML3.3/1, Error ellipse: s-maj=29.5km s-min=14.8km az=13.0
DJA 08 19:43:19.4,0.7,2.2S;11\*14.0E, h10km, M3.7/9, mb4.3/2, mb5.2/1, ML3.7/7, Mv(MB)4.5/1
ISC 08 19:43:18.2,0.9,2.22S;0.09;139.52E;0.05,h10km,n12, 1543/12,mb3.5/3,Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like WAMI, SRPI, RANSKI, FAKI, WRR, ASAR, MKAR, KURBB.

IDC 08 19:55:17.8,1.0,1.834N;122.70E, h0km, mb3.6/10, mbmp3.8/13, ML3.7/3, MS3.7/13, Error ellipse: s-maj=30.6km s-min=17.4km az=78.0
NEIC 08 19:55:20.2,0.2,1.842N;0.08;122.7E;0.1,h10km,1km, mb4.2/13, Error ellipse: s-maj=16.8km s-min=12.2km az=107.0
ISC 08 19:55:19.6,0.8,1.844N;0.07;122.66E;0.09,h10km,n57, 1524/42,mb3.9/15,MS3.6/11,Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TWG, TWG, YULB, YULB, TPUB, TPUB, SLSB, NACB, NACB, YON, YON, YHNB, YHNB, HKPS, HKPS, JOW, JOW, JOW, QIZ, ENH, ENH.

Table with columns for station code (e.g., Ksar, KSRS), name (e.g., Wonju Array Be), frequency (e.g., 19.48), and other technical details. Includes sub-sections like GUMO, CHTO, CM31, etc.

IDC 08:20:04:47.9:0.9,44.07N:105.71W,h0km,mb3.9,1  
mbpm3.7,10,ML3.6/5,Error ellipse: s-maj=27.1km  
s-min=7.7km,az=145.0

NEIC 08:20:04:47.2.1.4,43.86N:0.02:105:37W:0.06,h0km,2km,  
ML3.4/92,Error ellipse: s-maj=8.4km s-min=3.1km  
az=114.0

ISC 08:20:04:46.9:0.8,43.83N:0.06:105:36W:0.06,h0km,n69,  
0581/63,mb3.9/5,Wyoming

Table with columns: Code, Station Name, Azimuth (AZ), Phase, ID, Time, Residual (Res), ISC, Magnitude (M). Lists various seismic stations like RSDS, K22A, PHWY, etc.

Table with columns for station code (e.g., O20A), name (e.g., Huff), frequency (e.g., 20.07), and other technical details. Includes sub-sections like E28A, YHL, AHID, etc.

IDC 08:20:09:14.4:0.6,14.88N:94.28W,h0km,mb4.3/21,  
mbmp4.3/23,ML3.9/2,MS4.0/34,Error ellipse:  
s-maj=20.1km s-min=11.8km,az=67.0

NEIC 08:20:09:18.4:2.1,14.35N:0.07:94.41W:0.05,h20km,5km,  
mb4.7/21,ML4.5/71(MEX),Error ellipse: s-maj=10.3km  
s-min=6.2km,az=200.0

MEX 08:20:09:18.8:0.6,14.86N:94.59W,h15km,MD4.5  
GCG 08:20:09:49.7:3.0,14.73N:92.24W,h46km,94km,MD4.6  
ISC 08:20:09:14.8:2.7,14.90N:0.05:94.49W:0.04,h2km,17km,  
n346,0187/285,mb4.6/80,MS4.1/33,1C,off coast of  
Chiapas

Table with columns: Code, Station Name, Azimuth (AZ), Phase, ID, Time, Residual (Res), ISC, Magnitude (M). Lists various seismic stations like NILT, HUIG, TGIG, etc.

Table with columns for station code (e.g., JTS), name (e.g., Las Juntas de), frequency (e.g., 10.38), and other technical details. Includes sub-sections like SOCE, COVE, JACO, etc.

8d 20h

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Waverly Hall, Smith Ranch, University, etc.

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Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SDV, U54A, WCI, etc.

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Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SDBA, INK, SFJD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NEIC, IDC, NOU, etc.



8d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes BOS, WUAZ, LYMT, F10A, PZH.

IDC 08 21:27.44.0.0.9, 15:25N-94:54W, h0km, mb4.0/14, mbmp4.0/16, ML4.0/2, Error ellipse: s-maj=30.2km, s-min=14.1km az=54.0

MEX 08 21:27.49.8.0.7, 15:40N-94:66W, h16km,22km,MD4.5, NEIC 08 21:27.54.7.1.7, 15:58N-10:08.94:26W-0.08, h62km,8km, mb4.3/62, Md4.5/8(MEX), Error ellipse: s-maj=13.8km, s-min=9.4km az=223.0

ISC 08 21:27.47.3.0.7, 15:46N-10:06.94:58W-0.05, h10km, n125, r1548/120, mb4.3/24, Near coast of Oaxaca

Main station list table for the 8d 21h section, including stations like Santiago Nilte, Huatulco, Retalhuleu, etc.

2017 SEP

Main station list table for the 2017 SEP section, including stations like Imbabura, Tulum, ANMO, ROSO, PRAC, BARC, SDCO, etc.

590

Main station list table for the 590 section, including stations like HKT, HNVL, 435B, JCT, SAND, TX31, etc.



591 2017 SEP 8d 21h

OK031	S. Brethren Rd	20.66	355	P	21 36 01.5 +0.1
OK031	comp-Z, 60nm, 0.8s	I	Amb	I	21 36 02.6
OK052	Battle Ridge R	20.70	355	P	21 36 02.2 +0.4
OK052	comp-Z, 65nm, 0.8s	I	Amb	I	21 36 03.0
PLMC	San Jos del P	20.74	118	eP	21 36 05.5 +0.4
OK033	Mehan	20.76	355	P	21 36 02.9 +0.4
OK033	comp-Z, 41nm, 0.8s	I	Amb	I	21 36 07.2
Y52A	Libburn	20.77	25	P	21 36 02.7 0.0
RLO	Rose Lookout	20.77	359	P	21 36 02.6 -0.1
RLO	comp-Z, 18nm, 0.7s	I	Amb	I	21 36 07.2
FPAL	Fort Paine	20.78	21	P	21 36 01.9 -0.9
FPAL	comp-Z, 32nm, 0.8s	I	Amb	I	21 36 05.8
ZARC	Zaragoza, Cauc	20.82	110	eP	21 36 03.6 +0.3
QUOK	Quay	20.86	355	P	21 36 02.9 -0.8
319A	Douglas	20.89	322	P	21 36 06.7 -0.1
LCAE	Lake Charles	20.90	8	P	21 36 03.5 -0.5
121A	Cookes Peak, D	20.94	327	P	21 36 07.2 -0.2
121A	Cookes Peak, D	20.94	327	P	21 36 08.3 +0.9
GNAR	Gosnell	20.97	10	P	21 36 04.2 -0.6
GNAR	comp-Z, 45nm, 0.7s	I	Amb	I	21 36 13.6
HALT	Halls	21.04	12	P	21 36 05.8 +0.3
U38A	Gravette	21.05	0	P	21 36 06.0 +0.4
U38A	comp-Z, 48nm, 0.7s	I	Amb	I	21 36 09.5
X51A	Calhoun	21.08	23	P	21 36 04.6 -1.3
X51A	comp-Z, 22nm, 0.8s	I	Amb	I	21 36 18.8
OK048	Pawnee Station	21.13	355	P	21 36 06.5 0.0
OK048	comp-Z, 42nm, 0.9s	I	Amb	I	21 36 12.5
YOTC	Yotoco, Valle	21.18	120	eP	21 36 11.3 +4.0
OK051	E0350 and S346	21.21	355	P	21 36 07.4 +0.1
OK051	comp-Z, 41nm, 0.8s	I	Amb	I	21 36 12.7
SWET	Sewanee	21.29	20	P	21 36 06.4 -1.8
CROK	Carrier	21.33	352	P	21 36 08.9 +0.3
CROK	comp-Z, 35nm, 0.7s	I	Amb	I	21 36 10.3
U32A	Winter Ranch,	21.35	350	P	21 36 08.3 -0.6
U32A	comp-Z, 60nm, 0.9s	I	Amb	I	21 36 14.4
GUY2C	Guyana, Caidas	21.37	116	eP	21 36 12.3 +2.5
GLAT	Glass	21.40	12	P	21 36 07.4 -2.0
OK038	West end OK0370	21.41	351	P	21 36 09.8 +0.3
OK038	comp-Z, 28nm, 0.7s	I	Amb	I	21 36 11.7
W50A	Signal Mountai	21.48	21	P	21 36 08.7 -1.6
BL0K	Blackwell	21.49	354	P	21 36 10.2 -0.2
BL0K	comp-Z, 52nm, 1.0s	I	Amb	I	21 36 13.7
V48A	Smith Brothers	21.50	17	P	21 36 08.7 -1.7
V48A	comp-Z, 28nm, 0.8s	I	Amb	I	21 36 12.9
T35A	Sooner Center	21.59	356	P	21 36 11.2 -0.2
T35A	comp-Z, 57nm, 0.8s	I	Amb	I	21 36 12.1
NOKA	Waynoka	21.59	350	P	21 36 12.1 +0.6
NOKA	comp-Z, 49nm, 0.7s	I	Amb	I	21 36 17.0
WVT	Waverly	21.59	15	P	21 36 10.7 -0.7
WVT	comp-Z, 32nm, 0.7s	I	Amb	I	21 36 13.4
WVT	Waverly	21.59	15	P	21 36 10.0 -1.4
WVT	comp-Z, 32nm, 0.7s	I	Amb	I	21 36 13.7
BBAC	Balboa, Cauca	21.60	126	eP	21 36 17.2 +5.3
OK035	E0210 Rd and N	21.63	351	P	21 36 12.7 +0.9
OK035	comp-Z, 55nm, 0.8s	I	Amb	I	21 36 17.5
NORC	Norcasia	21.64	114	eP	21 36 15.2 +3.0
OK032	Salt Plains WL	21.65	352	P	21 36 11.7 -0.4
OK032	comp-Z, 38nm, 0.7s	I	Amb	I	21 36 16.5
GO02	Grant County #	21.65	353	P	21 36 12.2 +0.1
HICK	Hickman	21.68	12	P	21 36 10.9 -1.4
HICK	comp-Z, 58nm, 1.1s	I	Amb	I	21 36 15.2
PBMO	Poplar Bluff	21.70	9	P	21 36 11.8 -0.8
PBMO	comp-Z, 24nm, 0.7s	I	Amb	I	21 36 15.1
ANIL	Santa Ana	21.71	118	eP	21 36 18.1 +5.0
POPC	Popayan, Colom	21.73	124	eP	21 36 18.1 +4.8
KAN13	South Haven SW	21.77	354	P	21 36 13.3 -0.1
KAN13	comp-Z, 38nm, 0.8s	I	Amb	I	21 36 16.3
KAN14	Manchester OK	21.77	353	P	21 36 13.3 0.0
KAN14	comp-Z, 20nm, 0.7s	I	Amb	I	21 36 17.1
KAN17	Caldwell West	21.83	353	P	21 36 13.2 -0.8
KAN17	comp-Z, 31nm, 0.9s	I	Amb	I	21 36 16.9
MGMO	Mountain Grove	21.85	5	P	21 36 14.7 +0.4
MGMO	comp-Z, 37nm, 0.8s	I	Amb	I	21 36 16.9
T42A	Van Buren	21.85	8	P	21 36 13.5 -0.7
OTAW	Otawalpa	21.86	132	P	21 36 17.0 +2.0
W52A	Murphy	21.90	24	P	21 36 13.9 -0.9
W52A	comp-Z, 22nm, 0.8s	I	Amb	I	21 36 16.4
KAN10	Anthony SW Sta	21.95	352	P	21 36 15.8 +0.5
CLTN	Cedars of Leba	21.97	18	P	21 36 14.0 -1.4
CLTN	comp-Z, 31nm, 0.7s	I	Amb	I	21 36 17.3
PULU	Putulaha	21.98	132	P	21 36 18.8 +2.6
CPCT	Cooper Cave	21.99	22	P	21 36 14.4 -1.3
IMBA	Imbabura, San	22.02	131	P	21 36 19.8 +3.2
IMBA	comp-Z, 45nm, 0.6s	I	Amb	I	21 36 30.1
TULM	Tulch-Chalpat	22.02	130	P	21 36 18.9 +2.1
TULM	comp-Z, 30nm, 1.2s	I	Amb	I	21 36 34.9
KAN08	Anthony NE Sta	22.04	353	P	21 36 17.0 +0.8
KAN06	Argonia West S	22.05	353	P	21 36 15.8 -0.5
KAN06	comp-Z, 26nm, 0.6s	I	Amb	I	21 36 20.2
KAN12	Harper NE Stat	22.11	353	P	21 36 17.5 +0.5
ORTC	Ortega, Tolima	22.14	119	eP	21 36 22.0 +4.4
BG3	Lake Jocassee	22.22	26	P	21 36 17.5 -0.7
BG3	comp-Z, 32nm, 0.8s	I	Amb	I	21 36 19.0
URIC	Uribia, Colomb	22.24	96	eP	21 36 17.2 -1.5
T45A	Paduach	22.26	13	P	21 36 17.5 -1.0
ANMO	Albuquerque	22.28	334	P	21 36 20.4 +1.4
ANMO	Albuquerque	22.28	334	P	21 36 24.8 +5.7
ANMO	Albuquerque	22.28	334	P	21 36 20.6 +1.5
S39A	Bolivar	22.32	3	P	21 36 18.8 -0.5
CGM3	Cape Girardeau	22.33	10	P	21 36 18.1 -1.3
CGM3	comp-Z, 13nm, 0.8s	I	Amb	I	21 36 20.6
V51A	Loudon	22.37	22	P	21 36 18.0 -1.8
V51A	comp-Z, 20nm, 0.8s	I	Amb	I	21 36 19.6
TKL	Tuckaleeche C	22.45	24	P	21 36 19.0 -1.7
TKL	Tuckaleeche C	22.45	24	P	21 36 19.3 -1.4
TKL	comp-Z, 13nm, 0.8s	I	Amb	I	21 36 24.8 +5.7
TKL	comp-Z, 5.9nm, 1.0s	I	Amb	I	21 40 25.8 +1.1
ROSC	El Rosal	22.47	115	P	21 36 23.3 +1.8
ROSC	comp-Z, 29nm, 0.8s	I	Amb	I	21 36 27.4
ROSC	El Rosal	22.47	115	P	21 36 19.9 -1.6
ROSC	comp-Z, 5.8nm, 0.4s	I	Amb	I	21 36 28.0 +1.8
ROSC	comp-Z, 5.8nm, 0.4s	I	Amb	I	21 36 28.0 +1.8
SLOR	San Lorenzo	22.51	134	P	21 36 24.2 +2.2
U49A	Red Boiling Sp	22.53	19	P	21 36 19.1 -2.4
PRAC	Prado	22.55	119	eP	21 36 25.9 +3.9
T47A	Sharon Grove	22.59	16	P	21 36 20.6 -1.6
V52A	Sevierville	22.68	24	P	21 36 22.2 -1.0
V52A	comp-Z, 25nm, 0.8s	I	Amb	I	21 36 24.1
BARC	Barichara	22.70	110	eP	21 36 24.6 +0.8
S44A	Carbondale	22.79	11	P	21 36 23.4 -0.8
S44A	comp-Z, 26nm, 0.6s	I	Amb	I	21 36 24.9
CHSH	Refugio Sur-Vo	22.80	136	P	21 36 27.7 +2.5

CHSH	comp-Z, 26nm, 1.0s	I	Amb	I	21 36 31.0
SIUC	Southern Illin	22.82	11	P	21 36 23.1 -1.4
SIUC	comp-Z, 28nm, 0.6s	I	Amb	I	21 36 24.8
PAMC	Pamploa, Colo	22.85	108	eP	21 36 26.2 +0.7
CCM	Cathedral Cave	22.85	7	P	21 36 23.3 -1.5
CCM	comp-Z, 18nm, 0.7s	I	Amb	I	21 36 24.9
CCM	Cathedral Cave	22.85	7	P	21 36 23.8 -1.0
V53A	Saluda	22.85	25	P	21 36 23.5 -1.5
V53A	comp-Z, 22nm, 0.8s	I	Amb	I	21 36 25.7
PIAT	Ana Tenorio	22.86	134	eP	21 36 26.0 +0.4
FVM	French Village	22.88	8	P	21 36 23.9 -1.3
Y58A	Scranton	22.89	33	P	21 36 22.7 -2.7
Y58A	comp-Z, 44nm, 0.8s	I	Amb	I	21 36 26.0
R40A	Maddies Statio	22.98	5	P	21 36 25.0 -1.2
R40A	comp-Z, 53nm, 0.9s	I	Amb	I	21 36 27.2
KMCS	Kings Mountain	23.05	29	P	21 36 25.5 -1.4
KMCS	comp-Z, 24nm, 0.7s	I	Amb	I	21 36 27.6
KMCS	Kings Mountain	23.05	29	P	21 36 26.4 -0.5
KMCS	comp-Z, 24nm, 0.7s	I	Amb	I	21 36 27.6
CHIC	Chingaza	23.08	115	eP	21 36 31.7 +3.8
RUSC	La Rusia	23.08	112	eP	21 36 29.8 +1.8
COHC	Chocomaay	23.28	138	P	21 36 30.1 +1.1
T50A	Nancy	23.29	20	P	21 36 27.0 -2.3
R32A	Long Quarter,	23.31	352	P	21 36 29.5 -0.1
TZTN	Tazewell	23.32	23	P	21 36 27.6 -2.1
TZTN	comp-Z, 23nm, 1.1s	I	Amb	I	21 36 29.4
TZTN	Tazewell	23.32	23	P	21 36 28.0 -1.6
TZTN	comp-Z, 23nm, 1.1s	I	Amb	I	21 36 29.4
VILC	Villavicencio,	23.37	116	eP	21 36 33.7 +3.3
USIN	University of	23.38	14	P	21 36 27.3 -2.8
USIN	comp-Z, 34nm, 0.7s	I	Amb	I	21 36 29.5
T25A	Trinidad	23.43	340	P	21 36 31.9 +1.0
T25A	comp-Z, 30nm, 1.1s	I	Amb	I	21 36 50.9
T25A	Trinidad	23.43	340	P	21 36 33.6 +2.6
T25A	comp-Z, 30nm, 1.1s	I	Amb	I	21 36 50.9
SLM	Saint Louis	23.55	9	P	21 36 29.8 -2.0
SLM	comp-Z, 37nm, 0.6s	I	Amb	I	21 36 31.9
X18A	Snowflake	23.62	327	P	21 36 36.1 +3.4
V55A	Troyville	23.69	28	P	21 36 31.1 -2.0
V55A	comp-Z, 19nm, 0.7s	I	Amb	I	21 36 33.2
W57A	Gilead	23.70	31	P	21 36 31.8 -1.4
W57A	comp-Z, 20nm, 0.6s	I	Amb	I	21 36 33.0
KSU1	Kansas State U	23.77	356	P	21 36 33.3 -0.4
KSU1	comp-Z, 29nm, 0.8s	I	Amb	I	21 36 36.3
KSU1	Kansas State U	23.77	356	P	21 36 33.3 -0.5
KSU1	comp-Z, 29nm, 0.8s	I	Amb	I	21 36 36.3
CBKS	Cedar Bluff	23.85	350	P	21 36 35.3 +0.6
CBKS	comp-Z, 42nm, 1.1s	I	Amb	I	21 36 38.2
CBKS	Cedar Bluff	23.85	350	P	21 36 35.6 +1.0
CBKS	comp-Z, 42nm, 1.1s	I	Amb	I	21 36 38.2
WCI	Wyandotte Cave	23.97	16	P	21 36 34.8 -0.9
WCI	Wyandotte Cave	23.97	16	P	21 36 34.2 -1.6
WCI	comp-Z, 20nm, 0.6s	I	Amb		

8d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various station identifiers. Includes stations like Santo Antonio, Ponte de Pedra, Araguaiana, etc.

IDC 08 21:39:27.0.7, 14.789N, 94.28W, h0km, mb4.2/22, mbmp4.2/24, ML3.6/2, MS4.3/52, Error ellipse: s-maj=21.1km s-min=11.2km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various station identifiers. Includes stations like PCIG, NIIT, HUIG, TGIG, RTAL, etc.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various station identifiers. Includes stations like 441A, HNVL, 435B, JCT, SAND, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and various station identifiers. Includes stations like DEOK, TUL3, FCAR, Y52A, AMTX, etc.

FVM	French Village	23.10	8	P	P	21 44 35.8	-0.6
R40A	Maddies Station	23.23	4	P	Iamb	21 44 36.2	-1.4
T50A	Nancy	23.43	19	P	P	21 44 39.1	-0.5
R32A	Long Quarter,	23.63	351	P	P	21 44 41.7	+0.1
V55A	Taylorville	23.77	27	P	P	21 44 43.3	+0.4
V55A	comp=Z,22nm,1.2s			Iamb	Iamb	21 44 56.5	
T25A	Trinidad	23.81	339	P	P	21 44 43.6	+0.1
T25A	comp=Z,21nm,1.1s			Iamb	Iamb	21 44 58.9	
T25A	Trinidad	23.81	339	P	P	21 44 45.7	+2.1
SDV	Santo Domingo	23.84	102	P	P	21 44 44.0	0.0
SDV	comp=Z,6.3nm,0.3s,baz=279,slow=9.5,SNR=3.3			LR	LR	21 56 03.3	
BOSC	San Juan Bosco	23.85	138	P	P	21 44 46.5	+2.5
X18A	Snowlflake	24.04	327	P	P	21 44 46.9	+1.2
KSU1	Kansas State U	24.06	355	P	P	21 44 45.1	-0.5
KSU1	comp=Z,14nm,0.8s			Iamb	Iamb	21 44 46.7	
WPZ	Wyandotte Cave	24.14	15	P	P	21 44 45.4	-0.9
WCI	comp=Z,17nm,0.9s			Iamb	Iamb	21 44 45.3	
CBKS	Cedar Bluff	24.18	349	P	P	21 44 47.2	+0.4
DLIL	Olney	24.21	12	P	P	21 44 45.8	-1.2
PTGC	Puerto Gaitan,	24.25	114	eP	P	21 44 49.1	+1.7
P40A	Paris	24.27	4	P	P	21 44 48.0	-1.4
P40A	comp=Z,19nm,0.7s			Iamb	Iamb	21 44 49.6	
P38A	Dawn	24.50	1	P	P	21 44 48.2	-1.4
P38A	comp=Z,8.6nm,0.7s			Iamb	Iamb	21 44 49.8	
SDCO	Great Sand Dun	24.73	338	P	P	21 44 51.7	-0.4
SDCO	Great Sand Dun	24.73	338	P	P	21 44 53.8	+1.6
RS0A	Paris	24.74	19	P	P	21 44 51.8	-0.1
RS0A	comp=Z,19nm,1.1s			Iamb	Iamb	21 45 06.5	
X16A	Lo Mia Camp	24.78	324	P	P	21 44 53.4	+1.0
X16A	comp=Z,12nm,0.9s			Iamb	Iamb	21 45 05.3	
BLO	Bloomington	24.97	14	P	P	21 44 53.2	-0.8
BLO	comp=Z,14nm,0.8s			Iamb	Iamb	21 44 57.0	
113A	Mohawk Valley	25.05	318	P	P	21 44 56.3	+1.6
S22A	4UR Ranch, Cre	25.23	336	P	P	21 44 59.2	+2.6
MVCO	Mesa Verde	25.48	333	P	P	21 45 00.2	+1.4
WUAZ	Wupatki	25.55	326	P	P	21 44 59.4	0.0
WUAZ	comp=Z,18nm,1.2s			Iamb	Iamb	21 45 05.5	
WUAZ	Wupatki	25.55	326	P	P	21 45 01.8	+2.4
N38A	Joes South For	25.68	2	P	P	21 44 59.0	-1.2
BAUV	Ei Baul	26.28	100	P	P	21 45 06.2	+0.2
SMCO	Snowmass	26.54	337	P	P	21 45 08.6	0.0
ISCO	Idaho Springs	26.62	340	P	P	21 45 08.7	-0.5
SCIA	State Center	26.79	2	P	P	21 45 09.1	-1.2
ATAH	Atahualpa	27.04	144	LR	LR	21 53 50.7	
L40A	comp=Z,35nm,18.5s			LR	LR	21 53 50.7	
L40A	Anamosa	27.05	3	P	P	21 45 10.8	-1.9
HMU	Henry Mountain	27.07	320	P	P	21 45 13.9	+0.4
L42A	Oliver, Polo	27.16	7	P	P	21 45 12.0	-1.7
L42A	comp=Z,17nm,0.8s			Iamb	Iamb	21 45 13.8	
PFO	Pinyon Flats O	27.34	317	LR	LR	21 56 42.5	
KNB	Kanab	27.45	326	P	P	21 45 16.8	+0.3
K38A	Parkersburg	27.54	2	P	P	21 45 15.7	-1.4
V12A	Nelson	27.68	322	P	P	21 45 19.0	+0.4
MTPU	Mount Pierson	27.89	329	P	P	21 45 21.7	+1.0
SRU	San Rafael Swe	27.95	337	P	P	21 45 22.0	+1.0
JFWS	Jewell Farm	27.99	6	P	P	21 45 19.8	-1.2
JFWS	comp=Z,12nm,0.8s			Iamb	Iamb	21 45 35.7	
SZCU	Shurtz Canyon	28.02	327	P	P	21 45 17.9	-3.8
CCUT	Cedar City	28.13	326	P	P	21 45 21.0	-1.7
P57A	Homestead Farm	28.19	27	P	P	21 45 22.1	-0.9
P57A	comp=Z,17nm,1.4s			Iamb	Iamb	21 45 26.8	
P18A	Preston Nutter	28.25	333	P	P	21 45 24.2	+0.4
TMUT	Trail Mountain	28.41	332	P	P	21 45 26.1	+0.9
ECSD	EROS Data Cent	28.67	356	P	P	21 45 26.4	-0.8
ECSD	comp=Z,6.7nm,0.7s			Iamb	Iamb	21 45 28.2	
ECSD	EROS Data Cent	28.67	356	P	P	21 45 26.8	-0.4
ECSD	baz=175,SNR=5.2						
RWWY	Rawlins	28.84	340	P	P	21 45 29.9	+0.8
RWWY	comp=Z,13nm,1.0s			Iamb	Iamb	21 45 38.5	
PSUT	Pine Spring	29.12	327	P	P	21 45 32.4	+0.9
BSUT	Blindstream C	29.22	334	P	P	21 45 33.4	+0.9
PCRV	Puerto La Cruz	29.24	96	LR	LR	21 58 02.9	
SPR3	comp=Z,49nm,20.7s			Iamb	Iamb	21 45 37.8	+0.9
SPR3	Spring Creek 3	29.37	327	P	P	21 45 39.6	+0.5
TCUT	Toone Canyon	29.79	333	P	P	21 45 40.8	
TCUT	comp=Z,16nm,1.1s			Iamb	Iamb	21 45 50.8	
SPMN	Marine on St.	30.11	2	P	P	21 45 38.5	-1.5
SPMN	Marine on St.	30.11	2	P	P	21 45 39.8	-1.0
BGU	Big Grassy Cou	30.55	331	P	P	21 45 44.9	+0.9
PD31	Pinedale Array	30.62	337	P	P	21 45 45.8	+1.0
PDAR	Pinedale Array	30.62	337	P	P	21 45 45.1	+0.3
PDAR	Pinedale Array	30.62	337	P	P	21 45 43.7	-1.0
PDAR	comp=Z,0.5nm,0.3s,baz=126,slow=9.3,SNR=4.7						
F36A	Milaca	30.73	1	P	P	21 45 43.6	-1.7
F36A	comp=Z,8.9nm,0.8s			Iamb	Iamb	21 45 47.8	
GLMI	Grayling	30.78	13	P	P	21 45 44.7	-1.1
GLMI	Grayling	30.78	13	P	P	21 45 44.8	-1.0
SGCS	SEO Gabriel d	30.80	117	eP	P	21 45 46.6	+0.4
CZSB	Cruzeiro do Su	31.08	135	P	P	21 45 40.5	+1.8
CZSB	comp=Z,15nm,1.0s			Iamb	Iamb	21 45 57.1	
HVU	Hansel Valley	31.11	333	P	P	21 45 49.6	+0.6
HVU	comp=Z,6.3nm,0.9s			Iamb	Iamb	21 45 52.1	
NV11	Mina Array Sit	31.45	322	P	P	21 45 52.1	+0.1
ELK	Elko	31.48	329	P	P	21 45 53.6	+1.3
ELK	Elko	31.48	329	P	P	21 45 52.6	+0.3
ELK	comp=Z,2.6nm,0.9s,baz=126,slow=6.8,SNR=8.8			LR	LR	22 00 17.7	
MDPB	Devils Postpil	31.50	320	P	P	21 45 53.3	+0.8
NVAR	Mina Array Bea	31.54	322	P	P	21 45 52.8	-0.1
NVAR	Mina Array Bea	31.54	322	P	P	21 45 53.3	+0.5
NVAR	comp=Z,1.5nm,0.8s,baz=142,slow=8.9,SNR=9.7			LR	LR	22 00 08.8	
REDW	Red Top Meadow	31.62	337	P	P	21 45 53.5	0.0
REDW	comp=Z,1.5nm,0.8s			Iamb	Iamb	21 46 02.9	
NNA	Nana	31.89	146	LR	LR	21 56 28.2	
INW	comp=Z,234nm,19.6s			LR	LR	21 56 28.2	
INW	Indian Meadow	32.11	337	P	P	21 45 58.0	+0.1
SADO	Sadowa	32.27	20	LR	LR	22 00 29.3	
BMM	comp=Z,332nm,20.6s			LR	LR	22 00 29.3	
BMM	Battle Mountain	32.29	326	P	P	21 46 00.5	+1.1
BMM	comp=Z,10nm,1.5s			Iamb	Iamb	21 46 17.2	
AGMN	Agassiz Nation	33.19	358	P	P	21 46 06.3	-0.6
AGMN	Agassiz Nation	33.19	358	P	P	21 46 07.1	+0.2
B35A	Bob, Littlefor	33.23	1	P	P	21 46 04.9	-2.4
HLID	HLID	33.26	333	P	P	21 46 08.3	+0.5
HLID	comp=Z,4.9nm,0.9s			Iamb	Iamb	21 46 19.2	
DLMT	Dillon	33.98	337	P	P	21 46 14.9	+0.8
WVOR	Wild Horse Val	34.46	327	P	P	21 46 19.1	+0.9
WVOR	comp=Z,7.4nm,1.1s			Iamb	Iamb	21 46 21.1	
ULM	Lac du Bonnet	35.15	358	P	P	21 46 22.4	-1.4
ULM	Lac du Bonnet	35.15	358	P	P	21 46 22.5	-1.4
ULM	comp=Z,7.9nm,0.8s,baz=199,slow=8.4,SNR=6.7			LR	LR	22 04 14.8	

PLID	Pearl Lake	35.16	333	P	P	21 46 24.6	+0.2
PLID	comp=Z,7.9nm,0.8s			Iamb	Iamb	21 46 26.8	
LYMT	Lyons Mountain	35.23	338	P	P	21 46 24.2	-0.7
BOAV	Boa Vista	35.51	107	P	P	21 46 27.1	-0.4
BOAV	comp=Z,4.9nm,1.0s			Iamb	Iamb	21 46 41.8	
BOAV	Boa Vista	35.51	107	eP	P	21 46 19.5	-8.0
CHMT	Chamberlain Mo	35.53	337	P	P	21 46 19.7	-0.4
YBH	Yreka Blue Hor	36.24	323	LR	LR	22 03 06.0	
F10A	Beach Ranch, E	36.40	333	P	P	21 46 35.1	+0.4
F10A	comp=Z,6.2nm,0.8s			Iamb	Iamb	21 47 06.7	
ETMB	Extrema	37.14	130	P	P	21 46 41.2	-0.1
ETMB	Extrema	37.14	130	eP	P	21 46 40.6	-0.7
NEWL	Newport	38.14	335	LR	LR	22 05 05.2	
SAM	comp=Z,7.49nm,18.2s			LR	LR	22 05 05.2	
SAM	Samuel	38.90	126	P	P	21 46 55.0	-1.2
SAM	comp=Z,5.9nm,1.0s			Iamb	Iamb	21 47 03.5	
SAM	Samuel	38.90	126	eP	P	21 46 55.5	-0.7
LPAZ	La Paz	40.40	139	P	P	21 47 08.9	-0.4
LPAZ	La Paz	40.40	139	P	P	21 47 05.5	-3.7
LPAZ	comp=Z,2.0nm,0.7s,baz=334,slow=6.7,SNR=7.8			LR	LR	22 03 57.4	
MDP	Montagnes des	42.02	99	LR	LR	22 05 55.8	
ITTB	Itaituba	42.71	114	eP	P	21 47 26.7	-1.0
MCPB	Mesage, AP	44.39	39	P	P	21 47 40.9	+0.3
RPN	Rapa Nui	44.41	199	LR	LR	22 01 26.0	
SIV	San Ignacio	44.96	132	P	P	21 47 44.1	-1.6
SIV	comp=Z,7.1nm,1.1s,baz=316,slow=9.6,SNR=12			LR	LR	22 05 12.4	
SCHO	Schetterville	45.03	22	LR	LR	22 08 40.5	
BBB	Bella Bella	45.82	331	LR	LR	22 09 29.9	
CLDB	Colider	45.94	122	eP	P	21 47 52.7	-0.8
PTLB	Pontes e Lacer	46.03	130	eP	P	21 47 53.1	-0.9
PTLB	comp=Z,4.8nm,1.0s			Iamb	Iamb	21 47 54.7	
BBSD	Serra de San D	46.09	133	eP	P	21 47 53.7	-0.9
BBBR	Robore, Bolivi	47.38	133	eP	P	21 48 03.9	-0.8
SALV	Santo Antonio	48.91	127	eP	P	21 48 16.2	-0.3
YAK	Yellowknife Ar	49.55	348	P	P	21 48 20.7	0.0
YAK	comp=Z,2.2nm,0.9s,baz=150,slow=14,SNR=3.7			LR	LR	22 11 00.2	
DLBC	Dease Lake	50.85	337	LR	LR	22 14 00.2	
TAOE	Nuku Hiva Isla	51.35	245	eLR	LR	22 03 23.6	
FRB	Frobisher Bay	51.81	14	LR	LR	22 12 57.0	
FRB	comp=Z,4.49nm,19.7s,baz=198,slow=39			LR	LR	22 12 57.0	
ARAG	Araguainia, MT	51.84	124	eP	P	21 48 38.3	-0.4
SMTB	Santa Maria do	51.95	114	eP	P	21 48 40.6	+1.0
LMEL	Las Melosas	53.73	155	P	P	21 48 53.0	+0.5
CPUP	Villa Florida	54.56	139	P	P	21 48 57.2	-1.3
CPUP	comp=Z,1.5nm,0.7s,baz=337,slow=13,SNR=3.3			LR	LR	22 10 47.8	
BDFB	Brasilia	54.88	122	P	P	21 49 01.6	+0.4
BDFB	Brasilia	54.88	122	P	P	21 49 00.2	-1.0
SDBA	Somme Creek	55.91	117	eP	P	21 49 10.7	+2.0
M29M	Somme Creek	56.63	337	P	P	21 49 12.1	-1.0
M29M	comp=Z,7.0nm,1.1s			Iamb	Iamb	21 49 53.9	
INK	Inuvik	58.85	344	P	P	21 49 29.0	+0.5
INK	comp=Z,2.7nm,0.3s,baz=203,slow=13,SNR=1.4						

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Table with columns: Station, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like ABTX, ABTL, ABTH, etc.

Table with columns: Station, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like TULM, U49A, T47A, etc.

Table with columns: Station, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like PV21, Cone Mtn., Par, BRIGG, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like FARO, P29M, M31M, N30M, M30M, BDFB, YUK8, M29M, L29M, K29M, J30M, J30M, CRQE, I30M, MCARA, DAWY, G31M, GLB, BCAR, L27K, F31M, M26K, L26K, K27K, K27K, INK, INK, INK, H29M, F30M, G29M, SCRK, SCRK, J26L, J26L, E29M, K24K, F28M, G27K, GHO, E20M, HDA, PLCA, IL31, ILAR, E27K, SUA, RND, MCK, H25L, POKR, POKR, BMAR, SKT, BWN, G25K, TRF, H24K, H24K, F25K, I23K, I23K, G24K, M20K, CAST, CAST, N19K, MLY, MLY, M19K, G23K, I21K, I21K, D25K, N18K.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like H22K, K20K, O17K, J20K, TTA, J19K, F22K, F21K, EKB, ESDC, ESDC, NB2, NOA, ARCES, ECH, ESDC, DAVA, DALL, CLL, RETA, FETA, FETA, MOTA, KHC, LESA, LESA, GERES, ABTA, ABTA, FINES, BIOA, KBA, KBA, MOA, OSTC, DPC, CONA, SOKA, TORD, BOS, WRA, ASAR, PZH, CMAR, IDC 08 21:56:58.0-0.7, 15:60N:94:50W, h0km, mb4.3/22, mtmp4.3/24, ML4.1, MS2.0/12, Error ellipse: s-maj=19.2km s-min=11.9km az=62.0, NEIC 08 21:57:04.4-2.3, 15:43N:07:94:82W, 0:01, h35km, 2km, mb4.7/152, Md4.5/10(MEX), Error ellipse: s-maj=12.5km s-min=3.0km az=173.0, MEX 08 21:57:04.5-0.8, 15:46N:94:81W, h16km, 23km, MD4.5, ISC 08 21:57:04.0-0.4, 15:46N:07:94:75W, 0:04, h37km, n335, ISC 08 21:57:04.0-0.4, 15:46N:07:94:75W, 0:04, h37km, n335, Code Station Name, Az, Phase ID, Time, Res.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like TXAR, TXAR, TXAR, TX31, TX32, BRDY, BRDY, OZNA, OZNA, WHTX, WHTX, ALPN, ALPN, FW14, FW14, BRAL, BRAL, SGCY, SGCY, FW07, FW07, FW06, FW06, ABTX, ABTX, ABTX, FW03, FW03, PECO, PECO, 425A, Z35A, Z35A, ODSA, ODSA, SN01, SN01, APMT, APMT, WTF5, WTF5, POST, POST, LOOK, MNTX, MNTX, TIGA, TIGA, DKNS, DKNS, W35A, W35A, MSTX, MSTX, DBBC, DBBC, AMTX, AMTX, DEOK, DEOK, TUL3, OK029, CSTR, FCAR, FCAR, OK031, OK031, OK033, OK033, 319A, 319A, QUOK, QUOK, 121A, 121A, 121A, CBOC, ELIS, OK048, OK048, PLMC, HELC, HELC, ZARC, OK051, OK051, CROK, CROK, U32A, OK038, GLOK, BLOK, WCTC, NOKA, T35A, T35A, DUN6, OK032, JAMC, SBM, GUY2C, KAN14, KAN14, KAN13, KAN17, KAN17, MGMO, T42A, BBAC, W52A, W52A, ANMO, ANMO, ANMO, ANMO.



TEIG	TEpich	7.72	48	Pn	Pn	22 16 36.9	-2.2
TEIG	TEpich	7.72	48	Pn	Pn	22 16 37.8	-1.3
TEIG	baz=284,slow=18			Sn	Sn	22 18 00.0	-5.2
TEIG	comp=Z,21nm,1.8s,baz=359,slow=45			LR	LR	22 20 27.1	
CNGN	Cerro Negro	7.86	108	Pn	Pn	22 16 42.2	+1.2
MATN	Matagalpa	8.44	104	Pn	Pn	22 16 51.4	+2.3
BOAB	BOACO BROADBAND	8.93	106	Pn	Pn	22 16 58.4	+4.1
ORTG	Ortega, Santa	9.85	117	Pn	Pn	22 17 13.0	+4.6
JTS	Las Juntas de	10.32	116	Pn	Pn	22 17 11.8	-3.1
	0.4nm,0.3s,baz=294,slow=18,SNR=1.1						
	1.6nm,0.3s						
RIMA	Rio Macho	11.52	116	Pn	Pn	22 17 37.9	+6.5
SOR	Soroa	13.18	53	Pn	Pn	22 17 52.0	-1.9
833A	Chaparral WMA	13.98	341	Pn	Pn	22 18 07.6	+2.7
H3DO	Hondo	15.08	343	Pn	Pn	22 18 21.4	+1.7
DRIO	Del Rio	15.40	339	Pn	Pn	22 18 25.2	+1.3
DRIO				Iamb	Iamb	22 18 38.3	
HNVL	Huntsville, TX	15.64	356	Pn	Pn	22 18 27.6	+0.8
HNVL				Iamb	Iamb	22 18 33.9	
435B	Jarell	15.91	350	Pn	Pn	22 18 31.2	+0.8
435B				Iamb	Iamb	22 18 39.4	
JCT	Junction City	16.13	343	Pn	Pn	22 18 34.2	+1.0
SAND	Sanderson	16.45	335	Pn	Pn	22 18 38.9	+1.5
SAND				Iamb	Iamb	22 18 47.7	
TXAR	Lajitas Array	16.59	330	Pn	P	22 18 42.0	+0.6
TXAR	Lajitas Array	16.59	330	Pn	P	22 18 42.0	+0.6
	comp=Z,0.2nm,0.3s,baz=157,slow=12,SNR=16						
TX31	Lajitas Ar. Si	16.59	330	Iamb	Iamb	22 18 41.9	+0.5
TX31				Iamb	Iamb	22 18 47.3	
TX32	Lajitas Array	16.59	330	Pn	Pn	22 18 41.3	+2.0
NATX	Nacogdoches	16.61	359	Pn	Pn	22 18 39.3	+0.1
NATX				Iamb	Iamb	22 18 50.3	
BRDY	Brady	16.68	346	P	Pn	22 18 41.9	+1.6
BRDY				Iamb	Iamb	22 19 04.0	
237A	Washetta, Mt	16.90	356	Iamb	Iamb	22 18 43.7	+0.8
237A				Iamb	Iamb	22 18 54.0	
OZNA	Ozona	16.95	340	P	P	22 18 46.0	+0.6
OZNA				Iamb	Iamb	22 18 52.8	
WHTX	Lake Whitney	17.07	351	P	P	22 18 47.2	+0.6
WHTX				Iamb	Iamb	22 18 55.0	
FW14	Alvarado	17.43	352	P	P	22 18 51.6	+0.1
FW14				Iamb	Iamb	22 19 03.5	
ALPN	Alpine	17.45	332	P	P	22 18 52.0	+1.0
ALPN				Iamb	Iamb	22 18 56.4	
FW07	Weatherford	17.82	350	Iamb	Iamb	22 18 55.0	+0.6
FW07				Iamb	Iamb	22 19 10.2	
SGCV	Sterling City	17.86	341	P	P	22 18 56.5	+1.0
SGCV				Iamb	Iamb	22 19 14.4	
FW06	Azie	18.05	351	Iamb	Pn	22 18 56.6	-0.6
FW06				Iamb	Iamb	22 19 14.1	
Z38A	Mt. Pleasant	18.11	358	Iamb	Pn	22 18 57.2	-0.7
Z38A				Iamb	Iamb	22 19 10.1	
ABTX	Abilene, Hawle	18.12	345	P	Pn	22 18 58.9	+0.9
FW03	Perrin-Whitt E	18.20	350	P	Pn	22 18 59.9	+0.9
FW03				Iamb	Iamb	22 19 17.7	
Z35A	Perchaven, San	18.36	352	P	P	22 19 01.0	+0.2
Z35A				Iamb	Iamb	22 19 18.3	
250A	Grady	18.36	22	P	P	22 18 59.7	-1.1
250A				Iamb	Iamb	22 19 39.0	
PECS	Pecos	18.41	333	P	Pn	22 19 02.7	+1.0
PECS				Iamb	Iamb	22 19 28.8	
425A	Indio Mountain	18.43	330	Pn	Pn	22 19 03.6	+1.6
ODSA	Odessa	18.54	338	P	P	22 19 04.0	+1.1
ODSA				Iamb	Iamb	22 19 11.3	
WLAR	White Oak Lake	18.56	3	P	P	22 19 02.4	-0.5
WLAR				Iamb	Iamb	22 19 20.4	
SN01	Snyder I	18.67	343	Pn	Pn	22 19 05.7	+0.8
SN01				Iamb	Iamb	22 19 14.3	
APMT	Aspermont	18.90	345	P	Pn	22 19 08.9	+1.3
APMT				Iamb	Iamb	22 19 11.5	
Z47A	Carrollton	18.91	16	P	P	22 19 07.0	+0.1
Z47A				Iamb	Iamb	22 19 25.4	
WTF5	Witchita Falls	18.97	349	Pn	Pn	22 19 15.7	+7.3
WTF5				Iamb	Iamb	22 19 21.2	
LOOK	Love County	19.00	353	P	P	22 19 07.2	-0.6
LOOK				Iamb	Iamb	22 19 32.5	
POST	Post	19.05	341	P	Pn	22 19 10.9	+1.5
POST				Iamb	Iamb	22 19 19.6	
LRAL	Lakeview Retre	19.08	19	P	P	22 19 07.0	-1.7
Y45A	Yeager Farm, C	19.10	12	P	P	22 19 08.5	-1.5
Y45A				Iamb	Iamb	22 19 34.2	
CLMS	Hat Mesa	19.27	336	P	Pn	22 19 12.8	+0.7
HTN7	Carlsbad 7	19.29	335	P	Pn	22 19 12.9	+0.6
GD12	Guadalupe Moun	19.34	334	P	Pn	22 19 13.3	+0.4
MINTX	Cornudas Mount	19.37	331	P	Pn	22 19 13.5	+2.4
MIAR	Mount Ida	19.39	2	P	P	22 19 11.6	-0.5
MIAR				Iamb	Iamb	22 19 23.9	
DKNS	Dickens	19.44	343	P	P	22 19 13.7	+0.9
DKNS				Iamb	Iamb	22 19 16.8	
X37A	Clayton	19.45	357	P	P	22 19 13.5	+0.8
X37A				Iamb	Iamb	22 19 36.1	
152A	Waverly Hill	19.57	25	P	P	22 19 14.0	-0.1
X34A	Smith Ranch, M	19.59	351	P	P	22 19 16.4	+1.1
WMOK	Wichita Mounta	19.98	349	P	P	22 19 18.9	+1.2
W35A	Tecumseh	20.12	354	P	P	22 19 20.0	0.0
FLAL	Franklin	20.28	353	P	P	22 19 23.2	+1.4
MSTX	Muleshoe	20.29	339	P	P	22 19 23.5	+1.5
MSTX				Iamb	Iamb	22 19 28.3	
X48A	Hartselle	20.38	18	P	P	22 19 23.8	+0.9
OKCSW	OKLAHOMA CITY	20.43	353	P	P	22 19 24.1	+0.7
PLAL	Pickwick Lake	20.60	15	P	P	22 19 25.0	0.2
GOGA	Godfrey	20.74	26	P	P	22 19 25.6	-1.2
GOGA				Iamb	Iamb	22 19 35.3	
DEOK	Depew	20.77	355	P	P	22 19 26.6	-0.5
DEOK				Iamb	Iamb	22 19 38.9	
TUL3	Leonard	20.78	357	P	P	22 19 28.5	+1.3
AMTX	Amarillo	20.79	343	P	P	22 19 28.2	+0.7
OK029	Liberty Lake	20.82	353	P	P	22 19 27.2	-0.4
FCAR	Ozark Folk Cen	20.82	5	P	P	22 19 26.6	-1.0
FCAR				Iamb	Iamb	22 19 38.9	
CSTR	Hydro, Custer	20.85	350	P	P	22 19 29.5	+1.6
Y52A	Liburn	20.88	25	P	P	22 19 29.2	+0.8
Y52A				Iamb	Iamb	22 19 48.1	
OK031	S. Brethren Rd	20.91	354	P	P	22 19 28.6	+0.1
FPAL	Fort Payne	20.91	21	P	P	22 19 28.4	-0.3
OK032	Battle Ridge R	20.94	354	P	P	22 19 29.0	+0.1
OK052				Iamb	Iamb	22 19 35.0	
OK033	Mehan	21.00	354	P	P	22 19 29.7	+0.1
OK033				Iamb	Iamb	22 19 34.7	
RLO	Rose Lookout	21.01	358	Iamb	Iamb	22 19 28.7	-0.9
RLO				Iamb	Iamb	22 19 38.4	

LCAR	Lake Charles	21.09	7	P	P	22 19 28.9	-1.7
QUOK	Quay	21.11	355	P	P	22 19 30.1	-0.6
X51A	Calhoun	21.20	22	Iamb	Iamb	22 19 29.6	-2.2
X51A				Iamb	Iamb	22 19 37.4	
319A	Douglas	21.21	322	P	P	22 19 35.0	+3.0
121A	Cookes Peak, D	21.25	327	P	P	22 19 35.3	+2.8
121A				Iamb	Iamb	22 19 44.7	
U38A	Gravette	21.27	360	Iamb	Iamb	22 19 33.9	+1.4
U38A				Iamb	Iamb	22 19 43.7	
OK048	Pawnee Station	21.37	354	Iamb	Iamb	22 19 34.0	+0.4
OK048				Iamb	Iamb	22 19 38.7	
ELIS	Ellis County	21.39	349	P	P	22 19 34.6	+0.8
SWET	Sewanee	21.43	19	P	P	22 19 31.7	-2.5
SWET				Iamb	Iamb	22 19 47.2	
OK051	E0350 and S346	21.45	354	P	P	22 19 33.3	-1.1
CROK	Carrier	21.58	352	P	P	22 19 36.6	+0.8
W50A	Signal Mountai	21.61	20	P	P	22 19 38.1	+1.9
W50A				Iamb	Iamb	22 20 11.4	
U32A	Winter Ranch,	21.61	350	P	P	22 19 36.4	+0.2
OK038	West end E0370	21.67	350	Iamb	Iamb	22 19 37.8	+1.0
OK038				Iamb	Iamb	22 19 43.9	
WVT	Waverly	21.75	14	P	P	22 19 36.4	-1.2
T35A	Sooner Cattle	21.83	355	P	P	22 19 38.0	-0.5
T35A				Iamb	Iamb	22 19 44.7	
NOKA	Waynoka	21.85	350	P	P	22 19 40.7	+2.0
OK035	E0210 Rd and N	21.89	351	P	P	22 19 41.3	+2.2
GC02	Grant County #	21.91	352	P	P	22 19 40.5	+1.2
OK032	Salt Plains WL	21.91	352	P	P	22 19 40.6	+1.3
KAN13	South Haven SW	22.02	353	P	P	22 19 40.1	-0.4
KAN14	Manchester OK	22.02	352	P	P	22 19 41.7	+1.1
T42A	Van Buren	22.05	7	P	P	22 19 41.2	+0.4
T42A				Iamb	Iamb	22 19 59.7	
MGMO	Mountain Grove	22.06	4	P	P	22 19 41.2	+0.2
MGMO				Iamb	Iamb	22 20 03.2	
CLTN	Cedars of Liba	22.11	17	P	P	22 19 42.0	+0.4
CLTN				Iamb	Iamb	22 19 55.4	
S39A	Bolivar	22.54	2	P	P	22 19 45.5	-0.6
S39A				Iamb	Iamb	22 19 47.9	
TKL	Tuckaleechee C	22.57	23	P	P	22 19 45.7	-0.8
TKL				Iamb	Iamb	22 20 07.8	
TKL	Tuckaleechee C	22.57	23	P	P	22 19 46.8	+0.3
	comp=Z,5.6nm,0.9s,baz=248,slow=9.2,SNR=3.4						
ANMO	Albuquerque	22.58	333	P	P	22 19 48.7	+1.9
ANMO	Albuquerque	22.58	333	P	P	22 19 49.0	+2.2
	comp=Z,2.5nm,0.7s,baz=246,slow=16,SNR=7.4						
U49A	Red Boiling Sp	22.67	18	P	P	22 19 48.9	+1.4
U49A				Iamb	Iamb	22 20 15.6	
TUC	Tucson	22.77	322	P	P	22 19 51.5	+2.8
RUSC	La Rusia	22.79	111	P	P	22 19 51.0	+1.5
V53A	Saluda	22.96	25	P	P	22 19 49.7	-0.9
V53A				Iamb	Iamb	22 20 20.6	
S44A	Carbondale	22.97	10	P	P	22 19 50.7	+1.0
S44A				Iamb	Iamb	22 20 00.5	
SIUC	Southern Illin	23.00	10	P	P	22 19 49.7	-1.2
SIUC				Iamb	Iamb	22 20 09.0	
CCM	Cathedral Cev	23.05	6	P	P	22 19 50.5	-0.9
R40A	Maddies Statio	23.19	4	P	P	22 19 52.0	-0.8
R40A				Iamb	Iamb	22 20 08.0	
R32A	Long Quarter,	23.57	351	P	P	22 19 52.4	+0.6
T25A	Trinidad	23.72	340	P	P	22 19 50.4	+2.1
T25A				Iamb	Iamb	22 20 03.2	
W57A	Gilead	23.78	30	P	P	22 19 57.1	-1.4
W57A				I			





Table with columns: CCM, Cathedral Cave, 22.92, 6, P, P, 22.33, 42.3, -0.7. Includes rows for FVM, R40A, TZTN, T50A, USIN, R32A, SDV, T25A, BOSQ, K5U1, 214A, WCI, WCI, OLIL, Q44A, X18A, PTGC, R49A, P40A, U56A, P38A, W18A, V58A, R50A, P43A, P43A, SDCO, SDCO, X16A, K5CO, P46A, P46A, P46A, P46A, O44A, MVCO, MVCO, N38A, N38A, Q51A, Q51A, Q51A, WUAZ, WUAZ, U59A, N41A, P49A, HDIL, HDIL, HDIL.

Table with columns: N35A, Tabor, 25.64, 357, P, Iamb, P, Iamb. Includes rows for Q24A, SFIN, SFIN, Q52A, Q52A, Q52A, GLA, P51A, P51A, P51A, ESJX, ESJX, ESJX, T59A, T59A, PDMCI, BGNE, Q54A, Q54A, P52A, SMCO, SMCO, ISCO, ISCO, N47A, N47A, OGNE, OGNE, SCIA, SCIA, SCIA, W13A, U15A, BC3, L34A, L34A, L34A, SJG, IRM, BRIGG, BRIGG, L40A, L40A, L42A, L42A, L42A, ATAH, O52A, O52A, N49A, N49A, HMU, HMU, PFO, PFO, K38A, K38A, KNB, PKCU, PKCU, GMRC, O54A, O54A, N23A, N23A, K31A, LCMT, V12A, O20A, JFWS, JFWS, JFWS, JFWS, PHWY, MTPU, SRA, L48A, N53A, N53A, N53A, HEC, ELS, Q16A, CCUT, P16A, MVU, TMUT, SHPR, TCRU, ECSD, ECSD, ECSD, ECSD, I37A, I37A, I37B, H40A, RWWY, RWWY, PASC.

Table with columns: PASC, Draeger Farm, 28.95, 8, P, P, 22.34, 36.8, -1.3. Includes rows for SSSA, PCRV, QSM, QSM, MPU, BSUT, NLU, TPNV, K22A, K22A, S11A, S11A, MPMC, SPR3, DUG, DUG, R11B, ISA, TCUT, TCUT, SPMN, SPMN, SPMN, LUPA, G40A, G40A, HWUT, BGU, SPUT, SPUT, PDAR, PDAR, F36A, F36A, F36A, GLMI, GLMI, GLMI, F33A, D3P, TPH, TPH, BINY, HVU, HVU, COWI, AHID, ID07, ID07, E38A, E38A, OMMB, NV11, NV11, ELK, ELK, MDPB, MDPB, ECR, NVAR, NVAR, LHV, LHV, REDW, REDW, E43A, E43A, PMPB, PMPB, E28A, MOOV, NNA, FXWY, IMW, SADO, WAKR, BMN, H17A, YERR, YERR, YFT, YMP, YMP, RLMT, RLMT, SMO, SMO, YNR, YNE, EYMN, EYMN, YHND, YHND, YHL, YHL, EMB, EMB, PAHR, PAHR, LAO, LAO, AGMN.

8d 22h

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like AGMNN Agassiz Nation, B35A Bob, HLID Hailey, etc.

2017 SEP

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like SNDB Serra Nova Dou, DLBC Dease Lake, DLBC Dease Lake, etc.

600

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like F28M Old Crow, BSCB Bismarck, WAT6 Susitna Watana, etc.







9d 0h

Table with columns: GEM, NATI, NATI, NATI, NATI, KSHT, KSHT, MMLI, SALP, BOVS, QRNQ, HMDT, HMDT, CFR, AMAZ, AMAZ, KZIT, YTIR, YTIR, DSI, MLR, MLR, MLR, MLR, VOIR, MSBI, WALU, GHJU, Herculan, PLOH, COVR, TIP, MDVR, ZFRF, DOPR, ASF, PRNI, GZRR, KRMI, HRFI, HRFI, TESR, MBRI, MBRI, MBRI, EIL, EIL, EIL, SARR, BIZ, MORH, KEST, GERES, KHC, DAVOX, CLL, FINES, ESDC, AKTO, TORD, MKAR, ZALV, TIXI, CMAR, KAPI

2017 SEP

Table with columns: SADO, ULM, SCHO, PPT, SFUD, ILAR, ILAR, ARCES

NEIC 08 23:45:09.0z 1.8, 18.97N, 0.09:155.39W, 0.06, h27km, 12km, Error ellipse: s-maj=13.6km s-min=6.6km az=154.0

HVO 08 23:45:08.9z 1.2, 18.90N, 0.03:155.31W, 0.02, h13km, 5km, ML2.6/10, ML2.7/42(NEIC), Error ellipse: s-maj=5.1km s-min=2.2km az=148.0, Hawaiian Islands

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

604

Table with columns: KRSR, YBH, NVAR, USRK, BBB, KLR, MA2, NEW, TXAR, TXAR, ILAR, PDAR, CMAR, YKA, TIXI, BRTR, GERES

NEIC 09 00:01:23.2z 2.2, 16.8N, 0.1:94.66W, 0.06, h105km, 10km, mb4.3/67, MD4.3/14(MEX), Error ellipse: s-maj=17.9km s-min=7.1km az=191.0

MEX 09 00:01:24.5z 1.1, 16.80N, 94.74W, h102km, 11km, MD4.3, IDC 09 00:01:24.7z 1.1, 16.88N, 94.41W, h113km, 28km, mb5.6/9, mbmtmp4.1/11, Error ellipse: s-maj=26.0km s-min=15.6km az=62.0

ISC 09 00:01:23.6z 0.6, 16.84N, 0.05:94.69W, 0.04, h111km, 6km, n115, s1970/125, mb4.1/23, Oaxaca

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

IDC 08 23:42:09.5z 7.6, 4.02S, 142.18E, h0km, mb3.4/2, mbmtmp3.6/3, ML3.9/1, Error ellipse: s-maj=271.7km s-min=34.6km az=93.0, New Guinea

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

IDC 08 23:45:06.8z 4.2, 2.29N, 94.64W, h0km, mb3.7/4, mbmtmp3.7/4, ML5.4/1, MS3.8/10, Error ellipse: s-maj=160.1km s-min=78.7km az=148.0, Galapagos Islands region

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

IDC 08 23:49:49.4z 1.2, 15.06S, 175.69W, h0km, mb4.0/8, mbmtmp4.1/9, ML4.3/2, MS3.6/16, Error ellipse: s-maj=61.6km s-min=18.7km az=155.0

ISC 08 23:49:49.8z 1.0, 15.45S, 0.14:175.5W, 0.1, h10km, n35, s165/14, mb4.0/8, MS3.8/14, Tonga Islands

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

IDC 08 23:49:49.4z 1.2, 15.06S, 175.69W, h0km, mb4.0/8, mbmtmp4.1/9, ML4.3/2, MS3.6/16, Error ellipse: s-maj=61.6km s-min=18.7km az=155.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OK051, U32A, SWET, BLOK, T35A, NOKA, OK032, WVT, CRNM, T42A, LENM, CPCT, ANMO, V51A, TKL, U49A, T47A, V52A, CCM, V53A, V55A, WCI, N38A, HDIL, O49A, U15A, TXK, L40A, HMU, F36A, COWI, E38A, NVAR, NVAR, LPAZ, SIV, PLCA, PAB, E38A, ESDC, NB2, NOA, NC602, WLF, SSB, GERES, MEX 09 00:04:04.7-0.5, GCG 09 00:04:06.6-0.4, IDC 09 00:04:06.5-4.1, ISC 09 00:04:03.4-0.9, 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 ILAR, CMAR, UUSS 09 00:17:59.4-0.7, NEIC 09 00:17:59.0-0.4, Code Station Name Az Az' Phase ID Time Res ISC. Rows include ID06, ID05, ID05, ID05, AHID, AHID, AHID, GRRI, ECR, ID07, ID07, BEI, L17A, MLI, HDU, REDW, NPI, HWUT, P46A, P46A, MOOW, MOOW, HVU, HVU, HVU, IMW, BW06, PD31, PDAR, TCUT, SPUT, SPUT, SPUT, YFT, YFT, YFT, BGU, BGU, BSUT, BCYI, HLD, RDMU, UUSS 09 00:18:38.9-0.7, NEIC 09 00:18:38.4-0.5, Code Station Name Az Az' Phase ID Time Res ISC. Rows include ID06, ID06, ID05, ID05, AHID, AHID, AHID, GRRI, ECR, BEI, L17A, BMUT, MLI, HDU, REDW, REDW, REDW, HWUT, MCU, HVU, HVU, BW06, BW06, PD31, PDAR, TCUT, SPUT, SPUT, SPUT, CTU, CTU, YFT, YFT, BGU, BGU, BSUT, BCYI, HLD, RDMU, REDW, REDW, HWUT, MCU, HVU, HVU, BW06, BW06, PD31, PDAR, TCUT, SPUT, SPUT, SPUT, CTU, CTU, YFT, YFT, BGU, BGU, BSUT, BCYI, HLD, RDMU, BSUT, BSUT, LKWW, LKWW, YNR, YHR, YHL, YHL, YMP, HLD, HLD, RDMU, RDMU, RDMU, MPU, 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 MPU, MPU, DUG, DUG, YNE, NLU, DLMT, DLMT, RLMT, BOZ, P18A, P18A, P18A, RWVY, RWVY, TMUT, TMUT, MFID, MFID, ELK, ELK, Q20A, SRU, K22A, Q16A, Q16A, ELMT, TCRU, TCRU, MVU, MVU, BPMT, PLID, PLID, SPR3, SPR3, BEMT, N23A, N23A, PSUT, PSUT, LYMT, CHMT, MTPU, MTPU, PHWY, PHWY, HMU, BMO, BMO, MEX 09 00:23:15.4-0.9, NEIC 09 00:23:16.9-1.8, ISC 09 00:23:15.9-0.8, Code Station Name Az Az' Phase ID Time Res ISC. Rows include NILT, NILT, PCIG, PCIG, PCIG, PCIG, HUATULCO, HUATULCO, HUIG, HUIG, HUIG, HUIG, UXUV, UXUV, PEIG, PEIG, PEIG, HUEH, HUEH, RETAL, RETAL, ESQI, ESQI, MTO3, MTO3, SNET, TEIG, TEIG, TX31, TX31, TX31, TXAR, TXAR, BRDY, BRDY, BRDY, OZNA, OZNA, OZNA, WHTX, WHTX, WHTX, FW13, FW13, FW14, FW14, ALPN, ALPN, ALPN, FW07, FW07, SGCY, SGCY, ABTX, ABTX, Z38A, FW03, FW03, Z35A, Z35A, PECS, PECS, SN01, SN01, LOOK, LOOK, LOOK, X37A, 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 MEX 09 00:04:04.7-0.5, GCG 09 00:04:06.6-0.4, IDC 09 00:04:06.5-4.1, ISC 09 00:04:03.4-0.9, Code Station Name Az Az' Phase ID Time Res ISC. Rows include PCIG, PCIG, TGIG, TGIG, NILT, NILT, COIG, COIG, CXIG, CXIG, UXUV, UXUV, STG3, SULLM, SULLM, FUG, FUG, FUG, PCG, PCG, PMUV, PMUV, PEIG, PEIG, SCIG, SCIG, TEIG, TEIG, TEIG, JTS, JTS, TXAR, TXAR, ANMO, ANMO, SDV, SDV, PDAR, PDAR, NVAR, NVAR, SADO, SADO, SIV, SIV, YKA, YKA, 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 UUSS 09 00:18:38.9-0.7, NEIC 09 00:18:38.4-0.5, Code Station Name Az Az' Phase ID Time Res ISC. Rows include ID06, ID06, ID05, ID05, AHID, AHID, AHID, GRRI, ECR, BEI, L17A, BMUT, MLI, HDU, REDW, REDW, REDW, HWUT, MCU, HVU, HVU, BW06, BW06, PD31, PDAR, TCUT, SPUT, SPUT, SPUT, CTU, CTU, YFT, YFT, BGU, BGU, BSUT, BCYI, HLD, RDMU, BSUT, BSUT, LKWW, LKWW, YNR, YHR, YHL, YHL, YMP, HLD, HLD, RDMU, RDMU, RDMU, MPU, 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 MEX 09 00:23:15.4-0.9, NEIC 09 00:23:16.9-1.8, ISC 09 00:23:15.9-0.8, Code Station Name Az Az' Phase ID Time Res ISC. Rows include NILT, NILT, PCIG, PCIG, PCIG, HUATULCO, HUATULCO, HUIG, HUIG, HUIG, UXUV, UXUV, PEIG, PEIG, PEIG, HUEH, HUEH, RETAL, RETAL, ESQI, ESQI, MTO3, MTO3, SNET, TEIG, TEIG, TX31, TX31, TX31, TXAR, TXAR, BRDY, BRDY, BRDY, OZNA, OZNA, OZNA, WHTX, WHTX, WHTX, FW13, FW13, FW14, FW14, ALPN, ALPN, ALPN, FW07, FW07, SGCY, SGCY, ABTX, ABTX, Z38A, FW03, FW03, Z35A, Z35A, PECS, PECS, SN01, SN01, LOOK, LOOK, LOOK, X37A, Code Station Name Az Az' Phase ID Time Res ISC.

9d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like W35A Tecumseh, MSTX Muleshoe, TUL3 Leonard, etc.

DNK 09 00:34:32.91, 1.6, 15.7N, 0.1, 94.52W, 0.10, h30km, 12km, mb4, 4/82, MD4.5/8(MEX), Error ellipse: s-maj=18.9km

MEX 09 00:47:58.9, 0.7, 15.63N, 94.55W, h16km, 56km, MD4.5, IDC 09 00:47:59.2, 2.7, 15.67N, 94.51W, h50km, 25km, mb3, 8/6, mbmp3, 1/8, ML4, 1/2, MS3.6/4, Error ellipse: s-maj=21.9km

ISC 09 00:34:32.6, 0.9, 51.54N, 0.03, 16.26E, 0.04, h0km, n25, o0954/11, Poland

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ksiaz, Chvalec, Ostas, Upice, Dobruska-Polom, etc.

IDC 09 00:39:10.8, 3.5, 15.85S, 172.86W, h0km, mb3, 9/4, mbmp3, 9/5, ML4, 8/1, MS3, 7/20, Error ellipse: s-maj=184.2km s-min=25.5km az=148.0

ISC 09 00:30:19.5, 3.4, 14.9S, 0.9, 172.9W, 0.6, h35km, n36, o644/6, mb3, 8/4, MS3, 7/23, Samoa Islands

Continuation of station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AF1 Afiamalu, MSFV Novsavy, DZM Mont Dzumac, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, SHEM Shemaya Is, MJAR Matsushiro Arr, etc.

NEIC 09 00:47:59.0, 1.6, 15.7N, 0.1, 94.52W, 0.10, h30km, 12km, mb4, 4/82, MD4.5/8(MEX), Error ellipse: s-maj=18.9km

MEX 09 00:47:58.9, 0.7, 15.63N, 94.55W, h16km, 56km, MD4.5, IDC 09 00:47:59.2, 2.7, 15.67N, 94.51W, h50km, 25km, mb3, 8/6, mbmp3, 1/8, ML4, 1/2, MS3.6/4, Error ellipse: s-maj=21.9km

ISC 09 00:47:58.1, 0.9, 15.57N, 0.07, 94.60W, 0.07, h40km, n28, o114/131, MS3, 4/2, MS3, 4/2, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiago Nite, PCIG Pico, UXUV, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like POST Cornudas Mount, MNTX Dickens, MIAR Mount Ida, etc.

NEIC 09 01:00:44.8, 1.8, 15.30N, 0.1, 94.46W, 0.03, h47km, 26km, mb3, 9/2, MD4, 2/14(MEX), Error ellipse: s-maj=14.1km

MEX 09 01:00:44.4, 1.0, 15.00N, 94.28W, h16km, 99km, MD4.2, ISC 09 01:00:44.6, 1.2, 15.08N, 0.07, 94.47W, 0.04, h54km, 23km, n21, o05/31, Near coast of Oaxaca

ISC 09 01:00:44.4, 1.0, 15.00N, 94.28W, h16km, 99km, MD4.2, ISC 09 01:00:44.6, 1.2, 15.08N, 0.07, 94.47W, 0.04, h54km, 23km, n21, o05/31, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QUOK Quay, CBQC Ciudad Bolivar, 319A Douglas, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Puerto Escondido, Retalhuleu, Huehuetenango, Flores, etc.

IDC 09 01:05:58.0:7.9, 14:67N:92:96W, h0km, mb3.5/3, mbmp3.5/4, ML3.5/1, MS3.7/2, Error ellipse: s-maj=223.5km s-min=117.5km az=40.0

NEIC 09 01:06:15.5:0.1, 15:58N:0:08:93:53W:0.1, h68km, 6km, mb4.1/4, Md4.1/10(MEX), Error ellipse: s-maj=17.4km s-min=7.2km az=36.0

MEX 09 01:06:15.5:0.1, 15:58N:93:57W, h75km, 10km, MD4.1 ISC 09 01:06:15.5:0.1, 15:59N:0:08:93:53W:0.07, h85km, n28, r155/32, mb3.5/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCIG, RTAL, HUEH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Z41A, Z47A, X48A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OC033, 121A, PDAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NVAR, NNA, CPUP, etc.

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

MEX 09 01:14:03.4:0.4, 15:12N:94:36W, h17km, 999km, MD4.5 NEIC 09 01:14:04.2:4.2, 15:30N:0:07:94:14W:0.07, h32km, 10km, mb4.1/24, Md4.5/13(MEX), Error ellipse: s-maj=13.6km s-min=3.1km az=136.0

IDC 09 01:14:06.2:9.7, 15:20N:93:83W, h74km, 65km, mb3.4/2, mbmp3.5/3, ML5.8/1, Error ellipse: s-maj=128.5km s-min=44.9km az=162.0

ISC 09 01:14:06.4:1.1, 15:32N:0:09:94:13W:0.07, h69km, n56, r179/51, mb4.0/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCIG, RTAL, HUEH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MATN, ORTG, SOR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TXAR, BRDY, 346A, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ODSA, MIAR, DKSNS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like U38A, CROK, GRANT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like R32A, X16A, PHWY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPMM, ELK, NVAR, etc.

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

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

UPA 09 01:15:37.9:1.4, 7:38N:82:43W, h19km, 12km, MW4.6 IDC 09 01:15:42.8:6.7, 8:66N:81:96W, h0km, mb3.7/5, mbmp3.8/6, ML4.3/1, MS3.1/3, Error ellipse: s-maj=153.7km s-min=45.5km az=7.0

UCR 09 01:15:42.9:0.7, 7:79N:82:44W, h14km, MW4.1, MD4.3(NEIC) NEIC 09 01:15:42.2:1.3, 7:79N:0:07:82:44W:0.06, h14km, 6km, mb4.3/11, Error ellipse: s-maj=11.2km s-min=7.0km az=217.0

ISC 09 01:15:38.5:1.9, 7:53N:0:07:82:36W:0.04, h11km, 11km, n94, r132/107, mb4.1/11, 5C-3D, South of Panama

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTRC, EDSV, CACAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BURE, CHIT3, RGM0, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NVAR, MDPE, KVN, etc.

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

IDC 09 01:16:02.6:1.3, 15:10S:175:59W, h0km, mb3.9/5, mbmp3.9/7, ML4.3/1, Error ellipse: s-maj=89.2km s-min=19.4km az=154.0

ISC 09 01:16:06.8:1.1, 15:45S:0:5:175:4W:0.2, h35km, n15, r132/11, mb3.8/5, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI, MSVF, H11S2, etc.

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

ATH 09 01:21:37.4, 34:76N:26:00E, h33km, 4km, ML2.7/6, Manual Solution by D.Makariz First location: 2019/04/19 17:42:02, This location: 2019/04/19 17:40:05 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 11 km; Longitude uncertainty: 4 km

THE 09 01:21:41.1, 35:20N:25:07E, h13km, 3km, ML2.0/5, Error ellipse: s-maj=4.7km s-min=0.9km az=169.0

ISC 09 01:21:38.0:1.9, 34:39N:0:1:25:99E:0.03, h32km, 7km, n14, r151/26, Crete

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like PKI, PKIN, SONM, DMN, GKN, etc.

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

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

GCQ 09 02:10.21.2.2.6, 15.38N, 94.64W, h50km, 999km, MD4.8
NEIC 09 02:32:05.9.2.2.6, 15.08N, 0.07.94.28W, 0.05, h20km, 4km,
mb4.2/3, MD4.3/12(MEX), Error ellipse: s-maj=10.6km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like FW13, FW13, FW14, etc.

NEIC 09 01:40:45.9.1.8, 15.71N, 0.07.93.89W, 0.03, h80km, 9km,
mb4.2/3, MD4.3/12(MEX), Error ellipse: s-maj=10.6km

MEX 09 01:40:47.9.0.5, 15.71N, 93.89W, h75km, 11km, MD4.3
ISC 09 01:40:45.1.1.2, 15.70N, 0.07.93.95W, 0.06, h69km, n20,
e1942/23, Near coast of Chiapas

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like FW06, Z38A, ABTX, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like FW03, Z35A, Z35A, etc.

IDC 09 02:09:33.0.1.4, 3.06S, 142.30E, h0km, mb3.6/3,
mbmtpp3.6/4, ML3.6/1, MS3.4/4, Error ellipse:
s-maj=27.5km s-min=16.4km az=23.0, Near north coast
of New Guinea

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

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

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

IDC 09 02:14:01.4.5.0, 22.97N, 95.08E, h0km, mb3.4/3,
mbmtpp3.4/3, Error ellipse: s-maj=431.4km
s-min=31.2km az=60.0, Myanmar

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

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

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

IDC 09 02:15:08.0.1.0, 13.57N, 121.11E, h0km, mb3.8/6,
mbmtpp3.8/6, MS3.4/1, Error ellipse: s-maj=22.5km
s-min=6.6km az=70.0, Myanmar

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

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

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

Table with columns: Call Sign, Frequency, Band, Mode, Power, Time, Azimuth, Elevation, and other parameters. Includes stations like Y22F, CLTN, ROSC, ROSC, BG3, BARC, CHSH, S39A, TKL, TKL, TKL, ANMO, ANMO, U49A, T47A, CHIC, RUSC, TUC, TUC, V53A, VILC, CCM, CCM, KM5C, R40A, ARNL, ARNL, TZTN, TZTN, T25A, 214A, 214A, MACC, X18A, SDV, SDV, SDV, SDV, KSU1, KSU1, CBKS, WCI, WCI, Q44A, Q44A, W18A, PTCG, P40A, P40A, P38A, R49A, SDCO, SDCO, X16A, P43A, CNCC, KSCO, KSCO, KSCO, 113A, BLO, S22A, P46A, B1VCO, MVCO, WUAZ, WUAZ, Q44A, Q44A, Q24A, N41A, Q51A, HDIL, HDIL, P49A, GLA, GLA, ESJX, SFIN, Q52A, BLYC, PDMCI, Q48B, IKP, and BGNE.

Table with columns: Call Sign, Frequency, Band, Mode, Power, Time, Azimuth, Elevation, and other parameters. Includes stations like BGNE, SMCO, O49A, ISCO, BC3, OGNE, IRM, SCIA, MONP, ACSO, HMU, L42A, ATAH, O52A, TPFO, PFO, GMRC, L44A, O53A, N23A, N23A, K31A, O20A, JFW5, Q16A, TUQ, L48A, L48A, P18A, SHRP, SC12, BFSC, ECSD, ECSD, RWVY, I37A, I42A, SNCC, TPNV, MPMC, K22A, K22A, S11A, SUSD, DUG, R11B, TCUT, CWC, SPMN, SPMN, RSSD, RSSD, VES, BW06, PDAR, PDAR, TPH, F33A, GLMI, SGCB, HVU, CZSB, CZSB, CZSB, ELK, MDPB, NVAR, LHV, E43A, MOOW, FWXY, IMW, SADO, H17A, RLMT, RLMT, YNE, EYMN, EYMN, EYMN, YHL, MDDN, AGMN, HLID, HLID, and HLID.

Table with columns: Call Sign, Frequency, Band, Mode, Power, Time, Azimuth, Elevation, and other parameters. Includes stations like BOZ, BOZ, DLMT, DLMT, WVOR, TEFÉ, PLID, ULM, EGMT, BOAV, BOAV, MSO, MSO, F10A, ETMB, ETMB, H04A, MACA, HOOD, NEW, JIR01, SAML, SAML, D05A, FFC, GNW, LPAZ, PB16, LLLB, GO01, ITTB, MALB, VILB, VILB, RPN, NPGB, MCBP, VBST, LVC, SCHQ, PDRB, CLDB, PTLB, PTLB, BBSB, BBRB, PTFE, NBRS, BBLB, POCN, PRPB, SALV, YKFA, YKFA, T35M, KOTAN, PANT, GDB, PP1B, DLBC, DLBC, S34M, CO03, CO03, BDOQ, TAOE, TAOE, MURT, WTLY, AODB, ARAG, Q32M, Q32M, SMTB, DVLD, TGNT, ZON, ANTJ, CFA, RO5B, ESFA, P32M, S31K, P33M, VACA, N32M, LMEL, AMBA, WHY, MPMY, MPMY, FARO, FARO, P30M, P29M, O30N, CPUP, CPUP, M31M, BDFB, BDFB, BDFB.

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Table with columns: Station Name, Elevation, Azimuth, Phase, Time, Res. Includes stations like N30M Aishkik Lake, NBPS Pedro II - PI, M30M Minto, Yukon, etc.

Table with columns: TRF, Station Name, Elevation, Azimuth, Phase, Time, Res. Includes stations like TRF Thorofore Moun, NEA2 Thorofore Moun, H24K Noodor Dome, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase, Time, Res. Includes stations like G17K Kiwalki Moun, E18K Tukpahleark C, J14K Navsnak Lak, etc.

NEIC 09 02:42:04.1±2.4, 68°53'N, 0°02'146°69'W, 0.07, h13km, 5km, Error ellipse: s-maj=3.6km s-min=3.1km az=76.0

AEIC 09 02:42:03.0±2.7, 68°51'N, 0°02:146°62'W, 0.07, h14km, 6km, s-min=2.4km az=66.0, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like E25K Arctic Village, E24K Your Creek, E24K Kavir River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like J26L Joseph Creek, SCRK Sand Creek, etc.

DC 09 02:43:34.5-0.5, 15:43N-94:95W, h0km, mb4.5/26, mbtm4.5/27, ML4/21, MS4.6/26, Error ellipse: s-maj=17.9km s-min=10.9km az=71.0

Code Station Name Az AZZ Phase ID ISC h m s ISC

Main table of station data with columns: Code, Station Name, Az, AZZ, Phase, ID, ISC, h, m, s, ISC. Lists numerous stations like HUIG Huatulco, PANG Puerto Angel, etc.

Main table of station data (continued) with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like 346A Big Creek Wild, PAYG Puerto Ayora, ALPN Alpine, etc.

Main table of station data (continued) with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like UREC San Jos de Ur, GOGA Godfrey, GOGA Godfrey, etc.

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Table with 4 columns: Station ID, Name, Frequency, and other data. Includes stations like V52A Sevierville, FVM French Village, R40A Maddies Statio, etc.

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Table with 4 columns: Station ID, Name, Frequency, and other data. Includes stations like BLA Blacksburg, YUH Yuha Desert, N41H Harden Midland, etc.

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Table with 4 columns: Station ID, Name, Frequency, and other data. Includes stations like I37B Waseca, AAM Ann Arbor, MPMC Manual Prospec, etc.

Table with columns: BOZ, Bozeman (W), 33.08 339, Iamb, Iamb, 02 50 26.2, ... containing various station and flight data.

Table with columns: CRAG, Craig, 49.40 333, P, P, 02 52 24.9 -1.1, ... containing various station and flight data.

Table with columns: DAWY, Dawson, 57.20 339, P, P, 02 53 22.4 -0.8, ... containing various station and flight data.







Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer-Watz, Sanae, Troll, Tordi Ar. Bea, Bosa, ASAR, WRA, WRA, ZALV, MKAR.

ROM 09 02:53:43.5 0.1, 42.544N, 0.004, 13.288E, 0.005, h11km, 14km, M4.3, 1.5/26, 4C-2D, Error ellipse: s-maj=0.4km s-min=0.3km az=51.0, Central Italy

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like Pellescritta, RM33, RM33, RM33, etc.

MEX 09 02:57:04.3 0.5, 14.94N, 94.31W, h17km, 99km, MD4.1 NEIC 09 02:57:07.8 1.6, 15.20N, 0.08, 94.08W, 0.08, h43km, 25km, mb4.0/4, Md4.1/16(MEX), Error ellipse: s-maj=13.4km s-min=8.8km az=217.0

ISC 09 02:57:03.6 1.5, 15.20N, 0.08, 94.30W, 0.07, h28km, n20, r104/26, Near coast of Oaxaca

Table of seismic stations for the MEX event, including stations like PCIG, PCIG, PCIG, etc.

Table of seismic stations for the NEIC event, including stations like Flores, ESQI, MTO3, etc.

NEIC 09 03:01:00.8 2.8, 15.5N, 0.1, 94.64W, 0.02, h59km, 19km, mb4.0/5, Md4.3/10(MEX), Error ellipse: s-maj=17.5km s-min=3.5km az=178.0

MEX 09 03:01:05.8 0.6, 15.43N, 94.89W, h68km, 23km, MD4.3 NEIC 09 03:00:58.7 1.1, 15.20N, 0.08, 94.68W, 0.04, h69km, 16km, n20, r185/28, Near coast of Oaxaca

Main table of seismic stations for the NEIC event, including stations like NIIT, HUATULCO, HUATULCO, etc.

MEX 09 03:05:10.9 0.5, 14.91N, 94.33W, h16km, 17km, MD4.1 NEIC 09 03:05:11.9 1.7, 15.5N, 0.1, 94.34W, 0.04, h54km, 24km, mb4.0/5, Md4.1/10(MEX), Error ellipse: s-maj=17.3km s-min=5.7km az=176.0

ISC 09 03:05:09.8 1.2, 15.12N, 0.08, 94.35W, 0.04, h79km, 14km, n18, r1179/26, Near coast of Oaxaca

Main table of seismic stations for the MEX event, including stations like PCIG, NIIT, HUATULCO, etc.

IDC 09 03:08:14.0 0.7, 15.85N, 94.79W, h56km, 6km, mb4.1/19, mbmp4.4/21, MS4.2/47, Error ellipse: s-maj=15.8km s-min=10.3km az=67.0

MEX 09 03:08:14.6 1.1, 15.74N, 94.53W, h35km, 71km, MD5.2 NEIC 09 03:08:15.9 1.5, 15.91N, 0.06, 94.35W, 0.06, h63km, 7km, mb4.9/16, Md5.3/14(MEX), Error ellipse: s-maj=10.0km s-min=8.3km az=220.0

GCMT 09 03:08:15.9 0.3, 15.84N, 0.02, 94.55W, 0.02, h84km, 3km, MW5.2/78, Moment Tensor Solution. s32,c41; s78,c125; Duration: 0 Moment tensor: Scale 1016N; Mr3.36t.35; Mw0.74t.26; Mw0.37t.27; Mw0.71t.17; Mw4.09t.23; Mw0.90t.21; Best double couple: Mo6.59400x10^16 NP1.9e90.00000, d70.00000, lambda.150.00000. Principal axes: T 6.1780, Plg50.0000, Azm316.0000; N 0.8310, Plg36.0000, Azm105.0000; P -7.0110, Plg16.0000, Azm207.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GCG 09 03:08:29.8 1.9, 15.61N, 93.34W, h60km, MD4.9 ISC 09 03:08:13.7 0.4, 15.82N, 0.04, 94.53W, 0.03, h55km, 4km, h55km, nP-P. n582, r1946/427, mb4.8/128, MS4.2/51.9D, Near coast of Oaxaca

Main table of seismic stations for the GCG event, including stations like NIIT, HUATULCO, HUATULCO, etc.

Main table of seismic stations for the WHTA event, including stations like Vista Hermosa, Puerto Escondi, Sontecomapan, Huehuetenango, Retalhuleu, Santiago 3, Yotigua, Suchitepequez, Pinotepa, Fuego 3, Pacaya, Jalcomulco, Las Nubes, Sabancuy, Flores, Esquipulas, Retalhuleu, San Cristobal, Cerro Negro, Matagalpa, BOACO BROADBAND, Atoyac, Orteg Dulce Nombre, Las Esperanzas, Las Juntas de, JTS, Coepe Vega, La Lucha 2, PEZE, Chaparral WMA, Jarrell, Junction City, Junction City, Sanderson, Lajitas Array, Nacogdoches, Brady, Westbrook Farm, Washetta, Ochoqui, Ozona, Lake Whitney, Lake Whitney, Sierra La Laguna, Cleburne, Alvarado, Alpine, Vicksburg, Vicksburg, Waxahatchie, Brewton, Brewton, Weatherford, Sterling City, Azle, Abilene, Abilene, Mt. Pleasant, Perrin-Whitt E, Union, Perchaven, ODS, WLAR, Blakely, Snyder, Aspermont, Cane Creek, Wittita Falls, Lakeview Reto, Tifton, Cornudas Mount, MIAR, MIAR, Dickens, Clayton, University, Waverly Hall, Oxford, Oxford, Wichita Mouta, Franklin, Tecumseh.





Table with columns: KBZ, ILAR, NEIC 09 03:18:02.14, 15.15N, 0.09:94.47W, 0.05, h66km, 19km, m4, 1/6, Md4, 0.1/14(MEX), Error ellipse: s-maj=13.2km

MEX 09 03:18:04.0, 14.97N, 94.18W, h20km, 398km, MD4.0
ISC 09 03:18:03.3-1.7, 15.01N, 0.07:94.39W, 0.04, h2km, 151km, n20, c19/26, Near coast of Oaxaca

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

MEX 09 03:39:58.0, 15.60N, 94.87W, h17km, 10km, MD4.0
NEIC 09 03:39:58.0, 1.4, 16.10N, 0.09:95.02W, 0.05, h3km, 32km, m3, 3/4, Md4, 0.1/16(MEX), Error ellipse: s-maj=13.8km

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

NOU 09 03:56:37.3, 16.58N, 178.08E, h128km, MLV3.8/7, Off E. Coast of N. Island, N.Z.
WEL 09 03:56:43.7, 0.8, 37.5, 17.8E, h49km, 13km, M3.7/52, ML3.9/15, MLV3.7/52, Error ellipse: s-maj=0.0km

ISC 09 03:56:42.2, 0.1, 37.29S, 0.07:177.69E, 0.06, h90km, 12km, n92, c19/19/7, Off east coast of North Island

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

Table with columns: MHGZ, KUTZ, NMHZ, MKAZ, ARHZ, etc.

ISC 09 04:02:16.2, 1.5, 15.40N, 94.15W, h0km, mb3.7/7, mbmp3.7/9, ML3.9/2, MS3.5/3, Error ellipse: s-maj=38.3km

NEIC 09 04:02:19.1, 1.6, 15.08N, 0.08:94.21W, 0.02, h10km, 2km, mb4, 2/38, Md4, 3/17(MEX), Error ellipse: s-maj=13.8km

GCG 09 04:02:20.0, 1.1, 15.10N, 94.25W, h50km, 267km, MD4.5
MEX 09 04:02:22.0, 1.1, 15.25N, 94.34W, h10km, 30km, MD4.3

ISC 09 04:02:17.8, 3.3, 15.15N, 0.06:94.22W, 0.05, h8km, 21km, n70, c15/57/4, mb4, 2/13, Near coast of Oaxaca

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

MATN Matagalpa 8.25 104 Pn Pn 04 04 18 -0.6
BOAB BOAC BROADBAN 73 107 Pn Pn 04 04 26 +1.6

JTS Las Juntas de 10.25 117 Pn Pn 04 04 64 +1.0

RIMA Rio Macho 11.44 117 Pn Pn 04 05 01.6 -0.2
833A Chaparral WMA, 13.96 341 Pn Pn 04 05 38.8 +2.9

435B Jarrell 15.86 349 Pn Pn 04 06 03.4 +1.9
TXAR Lajitas Array 16.59 330 Pn Pn 04 06 11.6 +0.7

TXAR comp=2.110m, 19.1s, baz=190, slow=39
BRD1 Lajitas Ar. Si 16.59 330 Pn Pn 04 06 11.6 +0.5

TXAR Brady 16.64 346 Pn Pn 04 06 27.6

OZNA OZNA 16.92 339 Pn Pn 04 06 16.0 +0.8

WLAR White Oak Lake 18.48 3 Pn Pn 04 06 35.6 +1.4

SN01 Snyder 1 18.64 342 Iamb Iamb 04 06 37.8 +1.7

APMT Aspermont 18.87 345 Pn Pn 04 06 40.7 +1.7

WTF5 Witchita Falls 18.93 349 Pn Pn 04 06 40.2 +1.1

POST Post 19.02 341 P P 04 06 41.4 +1.2

MIAR Mount Ida 19.32 2 Pn Pn 04 06 44.3 +0.9

3X7A Clayton 19.38 357 Pn Pn 04 06 47.4 +2.1

DKNS Dickens 19.41 343 Pn Pn 04 06 45.3 +0.9

W35A Tecumseh 20.62 354 Iamb Iamb 04 07 11.9

Table with columns: T35A, ROSC, ANMO, T3UC, T25A, P40A, WUAZ, N35A, PDAR, PDAR

ELK NVAR, MNA Array Bea, 31.44 322 P P 04 08 39.6 +0.2

B35A Bob Littlefor, 33.11 1 P P 04 08 54.6 +0.3

ULM Lac du Bonnet, 35.03 358 P P 04 09 06.4 -4.5

SIV comp=2.0, 7m, 0.5s, baz=309, slow=11, SNR=3.3

INK Inuvik, 58.74 344 P P 04 12 13.7 -2.1

ILAR Eielson Array, 60.94 337 P P 04 12 29.1 -2.1

DJA 09 04:03:55.0, 0.4, 9.5S, 6.110E, h58km, 27km, M4.1/17, mb4.5/1, MLV3.9/17, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, YOGI, UGM, UGM, WJMI, CMJI, CMJI

SMRI Semarang, 1.80 22 Pn Pn 04 04 21.5 +0.3

NGRI Ngawi, 2.16 51 Pn Pn 04 04 28.2 -0.4

UJWI Ujung Watu, 2.58 27 Pn Pn 04 04 34.8 +0.4

JCJI Jatiwangi, 2.67 326 Pn Pn 04 04 32.4 -3.2

CNJI Cibinong, 2.96 298 Pn Pn 04 04 39.5 -0.1

BLJI Bandar Lampung, 3.92 76 Pn Pn 04 04 53.1 +0.4

JAGI Jajag, Banyuwa, 4.35 87 Pn Pn 04 04 58.2 -0.4

CGJI Cibinong, 4.55 297 Pn Pn 04 05 12.5 +0.5

IGBI Bandar Lampung, 5.32 91 Pn Pn 04 05 15.2 +0.2

NEIC 09 04:09:25.4, 2.2, 15.90N, 0.06:94.56W, 0.04, h56km, 22km, mb3.7/4, Md4, 1/10(MEX), Error ellipse: s-maj=8.9km

MEX 09 04:09:26.8, 0.8, 15.74N, 94.53W, h45km, 29km, MD4.1
ISC 09 04:09:24.8, 1.0, 15.81N, 0.07:94.55W, 0.04, h63km, 16km, n17, c19/12/5, Near coast of Oaxaca

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

NEIC 09 04:14:46.6, 1.5, 15.33N, 0.1:94.94W, 0.06, h41km, 33km, mb3.9/5, Md4, 1/9(MEX), Error ellipse: s-maj=15.0km

MEX 09 04:14:48.1, 0.3, 15.64N, 94.95W, h30km, 15km, MD4.1
ISC 09 04:14:47.1, 1.1, 15.51N, 0.08:94.90W, 0.04, h37km, n22, c19/17/26, Near coast of Oaxaca

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

NEIC 09 04:15:29.0, 1.8, 38.42N, 0.03:87.93W, 0.03, h9km, 7km, Error ellipse: s-maj=5.1km, s-min=2.4km, az=220.0
SLM 09 04:15:29.1, 1.6, 38.43N, 0.03:87.91W, 0.03, h12km, 7km, Md3, 1/33, mb\_Lg3, 2/139(NEIC), ML3.4/18(NEIC), Error



Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Residual, etc. Includes stations like QUOK Quay, OK052 Battle Ridge R, V584 Windy Hill, PI, etc.

Table with columns: TXAR, Station Name, Az, El, Azimuth, Elevation, Date, Time, Residual, etc. Includes stations like Lajitas Array, Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Station Name, Az, El, Azimuth, Elevation, Date, Time, Residual, etc. Includes stations like 214A Organ Pipe Nat, KSU1 Kansas State U, KSU1 Kansas State U, etc.

IDC 09 04:22:17.0-0.7, 15:08N-94:16W, h0km, mb4.2/19, mbmp4,3/20, ML4.6/1, MS3.8/10, Error ellipse: s-maj=25.3km s-min=13.6km az=60.0

MEX 09 04:22:23.6-0.8, 15:03N-94:35W, h20km, 1hkm, MD4.1 NEIC 09 04:22:23.4-2.7, 15:13N-0:08-94:43W, 0.0, 4, h28km, 6km, mb4.7/15, MD4.6(MEX), Error ellipse: s-maj=11.2km s-min=5.8km az=182.0

GCG 09 04:22:26.9-1.2, 14:72N-94:20W, h113km, 51km, MD4.6 ISC 09 04:22:23.4-2.5, 15:12N-0:04-94:40W, 0.0, 3, 1km, 18km, m4.7, r143/461, mb4.6/70, MS3.6/8, 9D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Residual, etc. Includes stations like PCIG Station Name, PCIG Station Name, PCIG Station Name, etc.

Table with columns: UREC, Station Name, Az, El, Azimuth, Elevation, Date, Time, Residual, etc. Includes stations like UREC San Jos de Ur, WMOK Wichita Mounta, W35A Tecumseh, etc.

Table with columns: Station Name, Az, El, Azimuth, Elevation, Date, Time, Residual, etc. Includes stations like 214A Organ Pipe Nat, KSU1 Kansas State U, KSU1 Kansas State U, etc.

9ad 4h

Table with columns: BOAV, BOVA, YBH, ETMB, ETMB, ETMB, ETMB, MACA, MACA, MACA, SAML, SAML, LPAZ, ITTB, VILB, VILB, VILB, NPGB, MCPB, PDRE, CLDB, PTLB, PTLB, BBSB, BBSB, TMA5, SALV, YKA, DLBC, S34M, BDOQ, WTLV, R33M, Q32M, SIT, WRGLY, TGTN, P32M, S31K, P33M, N32M, MPMY, FARO, CPUP, N31M, BDFB, HYT, N30M, PINM, M29M, M29M, L29M, K29M, J30M, ITQB, MCARA, M27K, DAWY, PMNB, G31M, L27K, EPYK, EYAK, N25K, G30M, L26K, INK, INK, K27K, H29M, I28M, F30M, RODS, P23K, KLU, HARP, GLR, SCRK, I27K, J26L, H27K, PL7K, I26K, VAO, E29M, DIAM, KNK, K24K, CPSB, F28M, F28M, SML, G27K

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Table with columns: WAT6, J25K, J25K, GHO, PMR, RC01, BSCB, KDCB, E28M, WAT1, OHAK, Q20K, HOM, HDA, D28M, IL31, ILAR, ILAR, G26K, E27K, SII, SUA, RND, MCK, H25L, D27M, R18K, F26K, P19K, CHIR, SKT, G5K, TRF, TRF, NEA2, H24K, H24K, F25K, I23K, Q18K, G24K, E25K, BPAW, M20K, S2MB, CAST, CAST, Q17K, P18K, N19K, M17K, MLY, O18K, F24K, CHUM, C26K, G23K, I21K, E24K, N18K, H22K, K20K, K20K, O17K, E23K, J20K, CHNA, G22K, TOLK, D24K, TTA, I20K, J19K, F22K, G21K, D23K, E22K, H20K, J18K, F21K, D22K, H19K, L16K, E21K, F20K, O14K

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Table with columns: G19K, C21K, FALS, E20K, SUMG, SUMG, F19K, G18K, J16K, L15K, M14K, D20K, H17K, K15K, I17K, F18K, D19K, G17K, M13K, B20K, A21K, C19K, G16K, E17K, K13K, G15K, D17K, F15K, TNA, SPIA, ESDS, DOU, BMRD, NB2, NOA, BGES, BCLA, RCHB, BSTI, MEM, BHOU, WLF, WLF, ARCES, ECH, SEY, BNI, CLL, BRG, BRG, KHC, KHC, GEC2, GERES, GERES, CIMO, FINES, PRED, TORD, TAM, BOSA, LZH, LZH, STKA, WRA, PZH, CMAR, KRSC, GUC, PB08, PB08, GO01, GO01, HMBC, HMBC



Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, and other parameters for stations like TA02, PB01, TA01, etc.

ICD 09 04:30:31.0.1.6,21.84N:121.80E, h0km, mb3.7/5, mbtmp3.7/5, MS3.2/1, Error ellipse: s-maj=55.3km s-min=30.5km az=63.0

ASIES 09 04:30:33.3,22.03N:121.60E, h17km, ML3.8, Mw3.8, Moment Tensor Solution, Moment tensor: Scale 10^21 Nm; M2.88; Mw=0.57; M2.31; M2.52; Mw=4.10; Mv=0.33;

Principal axes: P 1.49, 0.20, 0.20; T 0.46, 0.66, 0.65; N 0.20, 0.20, 0.20. Azm 130.2180; P Plg 9.2600; Azm 228.6130; JMA 09 04:30:33.3.0.1.22.1N.0.6:121.7E.0.3, h21km, MV3.8/14, TAIWAN REGION

TAP 09 04:30:33.3,22.03N:121.60E, h17km, ML3.8, C ISC 09 04:30:33.3.0.8,22.07N.0.03:121.64E.0.03, h15km, 4km, n136, s19:04/177, mb3.6/5, 4C, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, and other parameters for stations like LYUB, LAY, LDUT, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, and other parameters for stations like WTP, WHP, CHN1, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, and other parameters for stations like HATJ, TATO, TWB1, etc.

ICD 09 04:33:57.2.1.0, 15.212N:94.38W, h0km, mb3.9/11, mbtmp3.9/13, ML3.3/2, MS3.5/4, Error ellipse: s-maj=29.2km s-min=16.6km az=57.0

MEX 09 04:34:04.2.1.2, 15.24N:94.49W, h11km, 65km, MD4.2, NEIC 09 04:34:05.1.2.0, 15.34N:0.08-94.46W, h0.06, h4.2km, 11km, M4.2/52, M4.2/52(MEX), Error ellipse: s-maj=11.3km s-min=8.6km az=200.0

ISC 09 04:34:03.0.2.0.6, 15.25N:0.06-94.50W, h0km, n97, s140/90, mb4.2/24, MS3.4/4, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, and other parameters for stations like NILT, PCIG, TGIG, etc.

9d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like WHAR Woolly Hollow, MSTX Muleshoe, CBOS Ciudad Bolivar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like MEX 09 04:49:35.1-0.7, NEIC 09 04:49:36.1-2.9, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like MWJ5, GUC 09 04:50:38.7-0.6, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like DJA 09 04:53:39.5-0.2, NEIC 09 04:53:39.6-1.9, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries like MEEK Meekatharra, WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, M, and error ellipses.

GC9 09:04:54.1.5.0.7, 14:40N-94:30W, h114km, 164km, MD5.2
IDC 09:04:54.1.0.5, 15:04N-93:39W, h10km, mb4.8/33,
mblm1.7/34, ML5.2, MSS.3/63, Error ellipse:
s-maj=17.5km s-min=10.6km az=61.0
MEX 09:04:54.49.4.1.4, 14:75N-94:08W, h23km, 77km, MD5.6,
Mv5.6
MOS 09:04:54.50.6.1.1, 15:07N-94:06W, h36km, mb5.4/44,
MS5.4/20, Error ellipse: s-maj=8.5km s-min=5.6km
az=98.6
NEIC 09:04:54.52.2.1.2, 15:08N-0:06-94:06W, 0:05, h29km, 1km,
mb5.3/530, Ms.20.5/3475, Mwbs.5/55, Mwv5.5/24,
MD5.6/16(MEX), Error ellipse: s-maj=11.0km s-min=8.3km
az=191.0, Moment Tensor Solution: Moment tensor:
Scale 10^17Nm; M1: 1.8; M2: 0.97; M3: 0.22; 2.22; 2.22; 2.22;
0.68; M4: 1.50; Fault plane solution: M2: 130000/1017
NP1: 144.560000, 823.850000, 147.010000. Principal axes: T
2.1680, Plg59.0000, Azm78.0000; N -0.0763,
Plg16.0000, Azm319.0000; P -2.0917, Plg26.0000,
Azm221.0000
GCMT 09:04:54.53.1.0.2, 15:15N-0:01-94:18W, 0:01, h16km,
MW5.7/130, Moment Tensor Solution: Scale 10^17Nm;
s130,c234; Duration: 188 Moment tensor: Scale 10^17Nm;
M1: 0.42; M2: 0.3; M3: 0.27; 0.2; M4: 0.14; 0.2;
M5: 0.44; M6: 0.05; 0.2; M7: 0.78; 1.4; Best double
couple: M5: 12400/1017, NP1: 138.0000, 88.000000,
1.91.00000. NP2: 296.00000, 82.00000, 168.00000.
Principal axes: T 5.2050, Plg47.0000, Azm48.0000; N
-0.1650, Plg1.0000, Azm318.0000; P -5.0400,
Plg43.0000, Azm227.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
NEIC 09:04:54.53.15:13N-94:00W, h30km, Moment Tensor
Solution: Duration: 269 Moment tensor: Scale 10^17Nm;
M1: 0.19; M2: 0.21; M3: 0.02; M4: 1.38; M5: 0.16; M6: 1.79;
Fault plane solution: M2: 28000/1017 NP1:
0:142.36000, 87.35000, 133.82000. NP2:
0:267.09000, 84.65000, 134.81000. Principal axes: T
2.2591, Plg48.0000, Azm56.0000; N 0.0330, Plg4.0000,
Azm322.0000; P -2.2921, Plg42.0000, Azm229.0000
NEIC 09:04:54.53.15:13N-93:39W, h30km
NEIC 09:04:54.54.4.15:12N-93:39W, h47km
ISC 09:04:54.51.0.3, 15:02N-0:03-94:10W, 0:03, h33km, 2km,
h33km; pP-P, 1562, 1861/1228, mb5.2/300, MS5.3/330,
10C-14D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, M, and error ellipses.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, M, and error ellipses.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, M, and error ellipses.

Table of station data for 9d 4h period, including station names (e.g., ANIL, X51A, POPC), coordinates, and various data points.

Table of station data for 2017 SEP period, including station names (e.g., S39A, GRTK, ANMO), coordinates, and various data points.

Table of station data for 2017 SEP period, continuing from the previous table, including station names (e.g., U56A, HATO, V58A) and various data points.



2017 SEP

Table with columns: ID, Name, Azimuth, Elevation, SNR, Status, and other parameters. Includes entries like EGMT Eagleton, BOAV Boa Vista, VLDQ Val d'Or, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, Status, and other parameters. Includes entries like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, Status, and other parameters. Includes entries like YUK6 Outpost Mounta, SDBA SAO DESIDERIO, IPMB Ipaneri, GO, etc.



Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SDPT Sand Point, D23K Nanushuk River, E22K Anaktuvuk Pass, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like ALE Alert, ALE Alert, NIKH Nikolski High, F14K Arctic Creek, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MEM Membach, BHOU Houvegnex, BTNL Terrell, WLF Walferdange, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PZH, KMI, TNCH, QIZ, CRAI, MMRI, CHTO, CMAR, NWAO, HYB, PSAAO, MORW, PMBI, etc.

NEIC 09 05:02:31.9, 0.8, 15.168N, 0.06, 94.85W, h0km, mb4.0/11, m4.3/9, Md4.28(MEX), Error ellipse: s-maj=13.0km s-min=4.6km az=54.0

MEX 09 05:02:34.7, 0.3, 15.76N, 94.93W, h64km, 25km, MD4.2 ISC 09 05:02:30.5, 0.9, 15.82N, 0.07, 94.86W, 0.04, h37km, n23, c170/27, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NI, HUIG, TGIG, PEIG, HUEH, MTO, TEIG, RIMA, DRIO, 435B, TXAR, TX31, ALPN, MTJD, PAYG, ODSA, POST, MNTX, TIGA, etc.

IDC 09 05:07:33.8, 1.2, 18.57N, 94.46W, h0km, mb3.7/4, mbtimp3.7/4, Error ellipse: s-maj=42.1km s-min=32.4km az=62.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H10N3, H10N2, H10N1, H10S3, H10S2, CPUP, TORD, PDAR, ILAR, etc.

IDC 09 05:09:36.1, 0.9, 14.91N, 94.28W, h0km, mb4.0/11, mbtimp4.0/13, ML3.4/2, Error ellipse: s-maj=30.0km s-min=17.1km az=55.0

MEX 09 05:09:41.5, 1.3, 14.96N, 94.24W, h17km, 77km, MD4.6 NEIC 09 05:09:43.8, 2.1, 15.13N, 0.10, 94.03W, 0.08, h38km, 12km, mb4.3/30, Md4.6/14(MEX), Error ellipse: s-maj=15.4km s-min=9.1km az=205.0

GCG 09 05:09:47.2, 3.3, 14.83N, 93.87W, h30km, 99km, MD4.7 ISC 09 05:09:42.8, 1.3, 15.07N, 0.06, 94.12W, 0.07, h41km, 12km, n8, c1825/96, mb4.1/12, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCIG, NI, NILT, TGIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UXUV, CCIG, RTAL, STG3, HUEH, SULM, PEIG, FUG, PCG, NBG, TXIG, TOIG, PETF, MTO, SCIG, SNET, TGUH, CRIN, TEIG, TEIG, TEIG, TEIG, CNGM, MATN, BOAB, ACOYA, ORON, DUNO, JTS, SOCE, RLMA, RMR2, SOR, H33A, H33B, H33C, J35T, J35T, TX32, TXAR, TXAR, TXAR, TX31, BRDY, OZNA, OZNA, WHTX, WHTX, FW13, FW13, FW14, ALPN, ALPN, FW07, FW07, SGCY, SGCY, ABTX, PECS, PECS, 425A, 425A, APMT, APMT, WFTS, WFTS, LOOK, LOOK, MIAR, MIAR, GOGA, GOGA, ROSC, ROSC, ROSC, ROSC, CHSH, TKL, ANMO, R32A, N38A, PDAR, NVAR, AGMN, HLID, ULM, YKA, PLCA, ILAR, NB2, NOA, GERES, KSH, SKA, WRA, CMAR, etc.

IDC 09 05:17:13.4, 2.4, 15.27N, 94.38W, h0km, mb3.7/7, Error ellipse: s-maj=12.5km s-min=7.5km az=115.0

IDC 09 05:17:13.4, 2.4, 15.27N, 94.38W, h0km, mb3.7/7, Error ellipse: s-maj=12.5km s-min=7.5km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UXUV, CCIG, RTAL, STG3, HUEH, SULM, PEIG, FUG, PCG, NBG, TXIG, TOIG, PETF, MTO, SCIG, SNET, TGUH, CRIN, TEIG, TEIG, TEIG, TEIG, CNGM, MATN, BOAB, ACOYA, ORON, DUNO, JTS, SOCE, RLMA, RMR2, SOR, H33A, H33B, H33C, J35T, J35T, TX32, TXAR, TXAR, TXAR, TX31, BRDY, OZNA, OZNA, WHTX, WHTX, FW13, FW13, FW14, ALPN, ALPN, FW07, FW07, SGCY, SGCY, ABTX, PECS, PECS, 425A, 425A, APMT, APMT, WFTS, WFTS, LOOK, LOOK, MIAR, MIAR, GOGA, GOGA, ROSC, ROSC, ROSC, ROSC, CHSH, TKL, ANMO, R32A, N38A, PDAR, NVAR, AGMN, HLID, ULM, YKA, PLCA, ILAR, NB2, NOA, GERES, KSH, SKA, WRA, CMAR, etc.

mbtimp3.7/8, ML3.8/1, Error ellipse: s-maj=60.8km s-min=24.9km az=36.0

NEIC 09 05:17:21.9, 1.8, 15.3N, 0.1, 93.8W, 0.1, h69km, 24km, mb4.0/14, Error ellipse: s-maj=20.7km s-min=16.2km az=205.0

ISC 09 05:17:21.1, 2.1, 0.1, 15.3N, 0.1, 94.06W, 0.09, h69km, n42, c178/42, mb3.8/9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTAL, HUEH, PETF, ESQI, MTO, TGUH, CRIN, TEIG, TEIG, TEIG, TEIG, MATN, BOAB, JTS, JTS, LCR2, RIMA, BATAN, BRDY, SOR, 833A, H33A, H33B, H33C, J35T, J35T, TX31, TX31, TX32, BRDY, OZNA, OZNA, ALPN, ALPN, 425A, MIAR, MIAR, 121A, 121A, ROSC, ROSC, JSC, ANMO, ANMO, ANMO, ANMO, T25A, T25A, PDAR, NVAR, ULM, YKA, NOA, IDC 09 05:18:31.1, 2.9, 15.16N, 94.59W, h0km, mb3.8/6, mbtimp3.8/8, ML3.7/2, Error ellipse: s-maj=76.2km s-min=28.0km az=39.0, NEIC 09 05:18:35.7, 1.6, 15.22N, 0.08, 94.68W, 0.06, h36km, 12km, mb4.3/26, Md4.0/10(MEX), Error ellipse: s-maj=12.5km s-min=7.1km az=198.0, MEX 09 05:18:39.0, 0.6, 15.61N, 94.84W, h11km, 14km, MD4.0 ISC 09 05:18:33.8, 3.5, 15.24N, 0.06, 94.71W, 0.05, h23km, 27km, n53, c1954/59, mb3.8/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Perrin-Whitt E, ODSA Odessa, SN01 Snyder 1, etc.

IDC 09 05:22:09.6:0.8, 15:43N;94:67W, h0km, mb4.3/20, mtimp4.3/21, ML4.1/1, MS4.4/18, Error ellipse: s-maj=28.0km s-min=12.9km az=54.0

MEX 09 05:22:16.1:1.2, 15:50N;94:83W, h16km, 17km, MD4.8, NEIC 09 05:22:18.8:2.1, 15:67N;108:94.70W, 0.06, h51km, 9km, mb4.7/52, MD5.2/13(MEX), Error ellipse: s-maj=12.1km s-min=6.7km az=203.0

GCG 09 05:22:23.6:2.7, 15:32N;94:25W, h42km, 99km, MD4.8, ISC 09 05:22:15.8:0.6, 15:53N;100:05.9478W, 0.04, h37km, 1km, n504, e123/502, mb4.6/41, MS4.3/16,6D, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NILT Santiago Nilte, HUIG Huatulco, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NATX Nacogdoches, WHTX Lake Whitney, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SFIN Lafayette, SWSC Sam W. Stewart, etc.

Table with 24 columns: Station Name, Elevation (ft), Azimuth (deg), Distance (mi), Azimuth Error (deg), Distance Error (mi), Station Name, Elevation (ft), Azimuth (deg), Distance (mi), Azimuth Error (deg), Distance Error (mi). Rows include stations like LASA Array, Halley, Agassiz Nation, Bozeman (W), Dillon, Adam Dziewonski, Lake Ozonia, Dagmar, Circle Bar Ran, Lac du Bonnet, Eagleton, Chamberlain Mo, Chamberlain Mo, Yreka Blue Hor, Peaks-Kenny Pk, Newport, La Paz, Vilhena, Rapu Nui, Schefferville, Yellowknife Ar, Bob Quinn, Fort Liard, Kotaneelee Air, Craig, Whale Pass, Dease Lake, Dease Lake, Telegraph Cree, Watson Lake, Y, Jennings River, Killisnoo, Sitka, Wriegley, Hyland Airport, Eaglecrest, Atlin, Teslin, Yukon, Quiet Lake, Whitehorse, Sheldon Lake, Faro, Yukon, Million Dollar, Windy Craggy, Mendenhall, Drury Creek, Y, Braeburn, Yuko, Haines Junctio, Peninsula, Mount Kennedy, Aishikik Lake, Outpost Mounta, CPUP, Talbot Arm, Minto, Yukon, BDFB, Mayo, Somme Creek, L29M, Chitna Glacier, Moose Creek, Barlow Dome, Peel River, Paulatuk, Beaver Creek, Cirque, Mount Dempster, Kayak Island, McCarthy VSAT, Dawson, Gatah River, Beaver Creek, Bremner River, Middleton Isla, Tsighehtchic, Nabesna, AK, Eagle Plains, Cordova Ski Ar, Chitna, Valde, Aah Zraii Nji, Log Cabin Wild, Chicken, Inuvik, G23K Bananza Creek, R16K Pilot Point, I21K Tanana, D25K Kavik River, E24K Your Creek, N18K Kilae Creek, L19K White Mountain, H22K Ishlaltina Cre, K20K Telida, COLD Coldfoot, O17K Koliganek Bris, E23K Chandalar, J20K Nowinta River, H21K Meloztina Rive, G22K Bettles, N17K Nushagak Hills, TOLK Toolik Lake Re, D24K Happy Valley, PPT Peete, O16K Kokwok River B, TTA Tatalina, I20K Naaghedeneel, L18K Granite Mounta, C24K Franklin Bluff, M17K Holtina River, J19K Poorman, F22K John River, G21K Allakaket, D23K Nanushuk River, E22K Anaktuyuk Pass, H20K Anotleneega Mo, J18K Innoko River, N16K Nishlik Lake, F21K Alatina River, O15K Ungalikthiuk R, C23K Ikilik River, M16K Timber Creek, L17K Donlin, K17K Iditku, D22K Aiyikav River, H19K Roundabout Mou, N15K Kwethluk River, L16K Owhat River, S12K Black Hills, F20K Kilik River, E21K Avaraart Lake, O14K Tigykauviet M, G19K Purcell Mounta, H18K Honhosa River, C21K Knifeblade Rid, B22K Teshekpuk Lake, E20K Nigu River, F19K Shaleruckik Mo, G18K Tagagawik, J16K Anvik River, M14K Bethel, D20K Chituk River, H17K Granite Mounta, K15K Wolf Creek Mou, I17K Unalakleet, A22K Sinclair Lake, L14K Kuka Creek, F18K Selawik, D19K Kuna River, G17K Kiwalik Mounta, B20K Alasat River, A21K Barrow, E18K Nuvahlearik C, J14K Tanparanak Lak, G16K Koyuk River, C19K Lookout Ridge, UNV Unalaska Valle, E17K Hotham Inlet, K13K Kusilvak Mount, G15K Niukluk, M11K Mekoryuk, D17K Noatak River, RDOG Red Dog Mine, F15K North Star Dit, C16K Lisburne Hills, SHEM Shemya Is, Ala, ESDC Svecena Array, NB2 NORSAR Subarra, NOA NORSAR Array B.

Table with columns: NOA, LR, LR, 06 11 04.7, and various station codes like DOU, BGES, BCLA, RCHB, MEM, SHOU, ARCES, GERES, MSVF, KEST, TORO, VYHS, VAE, MDJ, MKAR, HHC, WMQ, NL2, BOSA, WRA, PZH.

TAP 09 05:36:20.1, 24.76N:122.55E, h110km, ML2.5, D
JMA 09 05:36:22.4, 0.2, 25.1N:122.5E, 0.5, h97km, 1km, NW
OFF ISHIGAKIUMA IS

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like E0S2, E0S3, E0S3, Y0J, Y0J, EGS, E0S4, E0S4, TWB1, TWC, EWUT, SXH1, ENA, ENA, FUSB, ENT, ENT, LATG, NWLT, NWLT, NACB, NACB, YHNB, YHNB, ETLH, NSK, NSK, NNSB, NNSB, NNS, NNS, LXIB, WIF, WIF, WHF, TWT, LIOB, LIOB, WUSB, WUSB, JKRS, JKRS, WHP, WHP, HGSD, WVDT, WVDT, WVDT, JIH, JIH, EHY, EHY, SSLB, SSLB, JISG, JISG, YULB, YULB, WHYT, WHYT.

NEIC 09 05:48:43.0, 1.5, 15.8N:0.1, 94.4W:0.02, h40km, 23km, mb4.1/1.4, Md4.5/15(MEX), Error ellipse: s-maj=14.6km s-min=2.8km az=178.0

MEX 09 05:48:42.5, 0.4, 15.70N:94.55W, h32km, 9km, MD4.5
ISC 09 05:48:40.9, 2.3, 15.73N:0.06, 94.52W:0.04, h33km, 8km, n46, c121/51, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like NIILT, NIILT, PCIG, PCIG, HUIG, HUIG, UUVU, UUVU, TGIG, TGIG, CCIG, CCIG, OXIG, OXIG, VHO, VHO, PEIG, PEIG, REIG, REIG, HUEH, HUEH, PTAL, PTAL, TOIG, TOIG, TXIG, TXIG, PETF, PETF, ESQI, ESQI, MTO3, MTO3, TGUH, TGUH, TEIG, TEIG, MATN, MATN, ORTO, ORTO, DUNO, DUNO, JTS, JTS, SOCE, SOCE, LCR2, LCR2, RIMA, RIMA, 833A, 833A, HNDO, HNDO, 435B, 435B, BRDY, BRDY, 344A, 344A, OZNA, OZNA, WHTX, WHTX, MTJD, MTJD, FW14, FW14, FW07, FW07, FW03, FW03, APMT, APMT, POST, POST, Y45A, Y45A, GTBY, GTBY, MSTX, MSTX.

IDC 09 05:49:46.1, 1.6, 39.42N:70.35E, h0km, mb3.8/4, mbmp3.8/12, ML3.3/8, Error ellipse: s-maj=23.1km s-min=12.9km az=150.0

MOS 09 05:49:50.0, 1.0, 38.62N:70.12E, h39km, mb4.3/4, Error ellipse: s-maj=12.0km s-min=5.0km az=67.7

NNC 09 05:49:51.0, 3.5, 38.45N:70.20E, h107km, 78km, mb3.6, mpv4.0, Error ellipse: s-maj=31.0km s-min=18.7km az=11.0

ISC 09 05:49:51.7, 0.8, 38.69N:0.06, 70.15E:0.05, h27km, n58, c25/20/65, mb3.9/8, 9C-8D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BATK, BATK, OHH, OHH, SFI, SFI, MNAS, MNAS, AML, AML, AML, AML, KK31, KK31, KK31, KK31, AAK, AAK, AAK, AAK, KBK, KBK, CHMS, CHMS, CHMS, CHMS, USP, USP, BOOM, BOOM, TKM2, TKM2, TKM2, TKM2, THW, THW, GHTY, GHTY.

GEYT comp=Z, 1.1nm, 0.3s, baz=106, slow=16, SNR=2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MK31, MKAR, MKAR, MKAR, AB31, AB31, KURBB, KURBB, KURK, KURK, BVAR, BVAR, BRVK, BRVK, AKTO, AKTO, AKTO, AKTO, DGZ, DGZ, ZALV, ZALV, NALV, NALV, ARU, ARU, ARU, ARU, BELG, BELG, BELG, BELG, OBN, OBN, OBN, OBN, ULN, ULN, ULN, ULN, NRIK, NRIK, NRIK, NRIK, FINES, FINES, FINES, FINES, ARCES, ARCES, ARCES, ARCES, CLL, CLL, CLL, CLL, NOA, NOA, NOA, NOA, TORO, TORO, TORO, TORO.

IDC 09 05:56:14.0, 0.0, 6.59:26S:25.64W, h0km, mb4.3/12, mbmp4.3/13, ML5.2/1, MS4.2/7, Error ellipse: s-maj=31.5km s-min=16.4km az=39.0

NEIC 09 05:56:14.5, 1.9, 59.8S:0.1, 25.7W:0.2, h10km, 1km, mb4.9/40, Error ellipse: s-maj=18.5km s-min=14.9km az=199.0

ISC 09 05:56:18.8, 0.4, 59.72S:0.07, 25.85W:0.08, h40km, n90, c185/84, mb4.7/27, MS4.2/6, SC, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like HOPE, HOPE, ORCD, ORCD, VNA1, VNA1, VNA1, VNA1, VNA3, VNA3, VNA3, VNA3, VNA2, VNA2, SNA4, SNA4, SNA4, SNA4, SNA4, SNA4, TROLL, TROLL, TROLL, TROLL, EFI, EFI, EFI, EFI, MG05, MG05, GO09, GO09, TROA, TROA, AY01, AY01, PLCA, PLCA, PLCA, PLCA, PLTB, PLTB, GO06, GO06, IT0B, IT0B, IT0B, IT0B, MAW, MAW, MAW, MAW, ML02, ML02, B001, B001, LMEL, LMEL, MT09, MT09, PFLA, PFLA, PFLA, PFLA, CFA, CFA, CPUP, CPUP, CPUP, CPUP, VA03, VA03, SUR, SUR, CO02, CO02, CO02, CO02.

Table with columns for station name, time, phase, and other data. Includes stations like CO01, H04S2, H04S3, etc.

IDC 09 05:58:28.5-0.9,39:35N:71:66E, h0km, mb4.0/12, mbtmp3.9/15, ML3.2/3, Error ellipse: s-maj=21.1km s-min=12.8km az=143.0

Table with columns for station name, time, phase, and other data. Includes stations like CHMI, BTX, FRG, etc.

Table with columns for station name, time, phase, and other data. Includes stations like ARK, YBZ, CHMG, etc.

IDC 09 06:08:21.2-1.2,59:52S:25:93W, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=50.5km s-min=35.7km az=11.0

Table with columns for station name, time, phase, and other data. Includes stations like KURBB, BVAR, ZALV, etc.

Table with columns for station name, time, phase, and other data. Includes stations like INK, ILAR, YKA, WRA, ASAR, etc.

IDC 09 06:08:21.2-1.2,59:52S:25:93W, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=50.5km s-min=35.7km az=11.0

Table with columns for station name, time, phase, and other data. Includes stations like VNA1, VNA3, VNA2, etc.

SONM Sogino Array 150.14 92 PKPbc PKPbc 06 28 12.7 +0.2
ILAR Eielson Array 152.82 306 PKPbc PKIKP 06 28 18.3 +0.1

IDC 09 06:12:01.9-0.8, 15:32N:94:17W, h0km, mb4.1/18,
mbmp4.2,20,ML4.0/1,MS4.1/3,Error ellipse:
s-maj=28.7km s-min=13.8km az=56.0

MEX 09 06:12:07.5-1.1, 15:21N:94:56W, h17km,999km,MD4.7
NEIC 09 06:12:11.4-1.8, 15:45N:0:10:94:3W,0:1, h53km,12km,
mb4.5/51,MD4.7/6(MXZ),Error ellipse: s-maj=17.1km
s-min=12.1km az=50.0

SNET 09 06:12:16.5-2.4, 16:26N:93:34W, h35km,999km,ML4.1
GCG 09 06:12:20.9-3.6, 15:01N:93:66W, h35km,999km,MD4.7
ISC 09 06:12:07.9-0.5, 15:29N:0:06:84:37W,0:06, h40km, n297,
r138/297,mb4.3/27,MS4.0/4,10D Near coast of Oaxaca

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, P, S, L, O, I, A, M, B. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, P, S, L, O, I, A, M, B. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, P, S, L, O, I, A, M, B. Lists various stations and their parameters.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like M19K Big River Lodg, C26K Camden Bay, etc.

Table with columns: TUC, Tucson, Date, Time, and other technical details. Includes station information for TUC and Tucson.

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



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Table with columns for call sign, name, power, frequency, and other technical details. Includes entries for MTDJ Mount Denham, Vicksburg, Brewton, 143A Socs Landing, FW06 Azle, ABTX Abilene, HA7we, 238A Mt. Pleasant, FW03 Perrin-Whitt E, PECS Pecos, 425A Indian Mountain, 241A Richland Creek, 235A Perchaven, San, ODSA Odessa, SN01 Snyder I, WLAR White Oak Lake, 250A Grady, APMT Aspermont, 352A Blakely, WFTS Wichita Falls, LOOK Love County, MNTX Cornudas Mount, DKNS Dickens, LRAL Lakeview Retre, Y45A Yeager Farm, C, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, X40A Basin Creek Fa, X37A Clayton, X37A Clayton, TIGA Tifton, X34A Smith Ranch, M, UALR University of, WMOK Wichita Mouta, WMOK Wichita Mouta, WMOK Wichita Mouta, OXF Oxford, OXF Oxford, OXF Oxford, MSTX Muleshoe, FNO Franklin, APAC Apartido, C, WHAR Wooly Hollow, Y49A Blount Moutai, Y49A Blount Moutai, okcsw OKLAHOMA CITY, X48A Hartselle, AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, CSTR Hydro, Custer, TUL3 Leonard, TUL3 Leonard, SJCOC San Jacinto, C, 121A Cookes Peak, D, 121A Cookes Peak, D, GOGA Godfrey, Y52A Liburn, Y52A Liburn, UREC San Jos de Ur, U40A Yellville, U40A Yellville, U38A Gravette, U32A Winter Ranch, CBOC Ciudad Bolivar, Y22A Socorro, T35B Sooner, Cattle, C, Y22D IRIS PASSCAL I, Y22D IRIS PASSCAL I

2017 SEP

Table with columns for call sign, name, power, frequency, and other technical details. Includes entries for Y22F Pascal Instru, V48A Smith Brothers, PLMC San Jos del P, HELC Santa Helena, WVT Waverly, ZARC Zaragoza, Cauc, PBMO Popajo Bluff, YOTC Yotoco, Valle, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, TUC Tucuman, JAMC Jamundi, Valle, GUYCZ Guyana, Caldas, NHSC New Hope, S39A Bolivar, BBAC Balboa, Cauca, PACI Pacho, Paraso, NORO Noronza, ANIL Santa Ana, TKL Tuckaleechee C, POPC Popayan, Colombia, CMBC Cumbal, OTAV Otavalo, OTAV Otavalo, CCM Cathedral Cave, BRRC Barranca, Sant, GCUF Volcan Galeras, TULM Tulcan Galap, R40A Maddies Statio, ORTC Ortega, Tolima, URIC Uribe, Colomb, R32A Long Quarter, 214A Elgan Pipe Nat, KMSC Kings Mountain, T25A Trinidad, BONI Boconita, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, SLOR San Lorenzo -, PRAC Prado, FRAC Francisco, KSU1 Kansas State U, KSU1 Kansas State U, PAMC Pamplona, Colo, CBKS Cedar Bluff, CBKS Cedar Bluff, W18A Petrified Forest, W18A Petrified Forest, W18A Petrified Forest, W18A Petrified Forest, GARC Garzon, Huila, RUSC La Rusia, CHIC Chingaza, FLOC Florencia, Q44A Meyer Farm, Va, Q44A Meyer Farm, Va, WCI Wyandotte Cave, OLIL Olney, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Cochancay, P38A Dawn, P40A Parris, R49A Shelbyville, R49A Shelbyville, R49A Shelbyville, KSCO Kaye Shedlock, KSCO Kaye Shedlock, KSCO Kaye Shedlock, S22A 4UR Ranch, Cre, MVCO Mesa Verde, MVCO Mesa Verde, TAME Tame, Aruica, WUAZ Wupatki, SDV Santo Domingo, SDV Santo Domingo, CNNC Cliffs of the, MACC Macarena, Meta, Q24A Divide, BOSG San Juan Bosco, GLA Glamis, GLA Glamis, GLA Glamis, GLA Glamis, BLA Blacksburg, ESJX Sierra Juarez, N38A Joes South For, N35A Tabor, N41A Herden Midland, PTLT Puerto Leguiza, PTGC Puerto Gaitan,

9d 6h

Table with columns for call sign, name, power, frequency, and other technical details. Includes entries for HDIL Hopedale, HDIL Hopedale, PDMO Parker Dam, Lak, R53A Hurricane, R53A Hurricane, P49A Miami Univ. Ec, SWSC Sam W. Stewart, IKP In-Ko-Pah, Jac, SFIN Lafayette, SMC0 Snowmass, SMC0 Snowmass, BC3 Big Chuckwall, ISCO Idaho Springs, ISCO Idaho Springs, BGNE Belgrade, BGNE Belgrade, IRM Iron Mountain, MONP Monument Peak, OGNE Oggalla, OGNE Oggalla, NEE2 Needles Airpor, O48B Farmland, SCIA State Center, SCIA State Center, L34A Svendsen Farm, TPFO Pinon Flats, PFO Pinon Flats, PFO Pinon Flats, PFO Pinon Flats, P109C Camp Elliott, P52A Corning, GMRC Granite Mouta, MURC Murata, N23A Red Feather La, K38A Parkersburg, O20A White River Ci, HEIC Hector, Ludlow, K31A O'Neill, BBRC Big Bear Solar, SZCU Surtz Canyon Fo, L44A Lake County Fo, TUQ Turquoise Moun, BAUV EI Baul, BAUV EI Baul, O53A New Philadelphia, CBN Corbin Frederi, MVU Marysville, MVU Marysville, SC12 San Clemente I, JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, RRR Edison Barstow, BFSC Mount Baldy Ra, GSC Goldstone, Bar, SHOC Shoshone, Teco, DECC Green Verdugo, ECSD EROS Data Cent, ECSD EROS Data Cent, ATAH Atahualpa, EDW2 Edwards Air Fo, SNCC San Nicolas Is, LRMC Laurel Mtn Rad, TPNV Topash Spring, FURC Furnace Creek, OSI Oslo Audit, C, MPMC Manual Prospect, K22A Casper, K22A Casper, ARVC Arvin, SUSD Miller, ISA Isabella, Lake, DUG Dugway Toeole, R11B Troy Canyon, C, GRAC Grapevine Rang, CWC Cottonwood Cre, ERPA Erie, PKM Mcherson Peak, RSSD Black Hills, VES Vestal, Richgr, SPMN Marine on St., SPMN Marine on St.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Simmler, Boulder Array, Pinedale Array, Milaca, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Dease Lake, Dease Lake, DLBC, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Itaquí, Bebedouro, Crissiumal, Sand Creek, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Time, Res. Rows include G22K Bettles, P16K Nushagak River, N17K Nushagak Hills, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Time, Res. Rows include TIXI Tiksi, CLL Colim, GERES GERES, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Time, Res. Rows include SMTH Samothraki Isl, CHOS Chios island, CAVK Edirne/Enze-Ca, etc.

ISK 09 06:26:38.6, 39°53'N, 26°07'E, h12km, ML2.6/18
DDA 09 06:26:39.0, 39°53'N, 26°11'E, h11km, ML2.2
THE 09 06:26:39.0, 39°52'N, 26°08'E, h12km, ML2.4/6, Error
elliptic: s-maj=2.0km s-min=0.6km az=119.0
ATH 09 06:26:39.2, 39°52'N, 26°10'E, h13km, ML2.2, 3/5,
Manual Solution by D.Makariz First location: 2019/05/20
15:31:59, This location: 2019/05/20 15:30:50 ML
Amplitudes are expressed in micrometers. All distances
are expressed in degrees Latitude uncertainty: 4 km;
Longitude uncertainty: 4 km
ISC 09 06:26:39.1, 0.8, 39.52N, 26.10E, 0.02, h13km, 5km,
n47, 0.45/87, Turkey

IDC 09 06:28:04.5, 0.7, 14°84'N, 94°08'W, h0km, mb4.3/18,
mbmaj=3.19, ML4.5/1, MS4.2/10, Error ellipse:
s-maj=27.2km s-min=14.3km az=59.0
SNET 09 06:28:07.0, 2.0, 16°64'N, 93°77'W, h15km, 999km, ML5.0
MEX 09 06:28:10.0, 0.4, 14°99'N, 94°38'W, h14km, 12km, MD4.5
CGC 09 06:28:11.3, 2.8, 14°71'N, 94°23'W, h50km, 999km, MD4.8
NEIC 09 06:28:15.7, 1.9, 15°18'N, 08°93'W, h0.9, h62km, 99km,
mb4.8/37, Md4.5/14(MEX), Error ellipse: s-maj=14.3km
s-min=9.2km az=225.0
ISC 09 06:28:13.2, 0.6, 15.02N, 0°05'94'18W, 0.06, h60km, 4km,
h61km, pp-P, n156, 0.19/92/161, mb4.6/34, 5D, Near coast of
Oaxaca

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BBAC Balboa, CAUCA, IMBA Imbabura, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GERES GERRS Array B, FINES FINES Array B, TORO Torodi Ar. Bea, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KURS Kuram, ARXS Arxary, TNSH Tian-Shan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MEEK Meekatharra, FORT Forrest, etc. Includes station data for various locations like San Lorenzo, San Pedro de A, Humahuaca, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MEEK Meekatharra, FORT Forrest, etc. Includes station data for various locations like Santiago Nilte, Huatulco, Uxuv, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KUR06 Kurchatov Arra, KUR14 Kurchatov Arra, etc. Includes station data for various locations like Kurchatov Arra, Marisa, Gorontalo, etc.

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NEIC 09 07:48:24.4, NEIC 09 07:48:24.4, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BUII 09 07:48:35.3, MOS 09 07:48:35.0, etc.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KSH, KSH, SFK, SFK, OHH, OHH, etc.

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

Table with columns for call sign, name, frequency, mode, and status. Includes stations like AJM, KURK, PYUN, DANN, KOLN, GEYT, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like ULN, PZH, KIRV, VRH, SOC, BTO, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like MLR, BURR, FINES, FINES, etc.

Table with columns: ID, Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Rate, Altitude Rate, Azimuth Accuracy, Altitude Accuracy, Azimuth Precision, Altitude Precision. Includes rows for NORSTAR Subarra, MALCOLM, ANOTLENEGA MO, ANVIK RIVER, ARCTIC VILLAGE, SQUAW LAKE, BANANA CREEK, VABM DOME, MELIOZINA RIVE, WOLF CREEK MOUNTAIN, CHRISTIAN RIVER, ISHTALITNA CRE, NAAGHEDENEEL, SHEENJEK RIVER, KUKA CREEK, COLEMAN RIVER, BABBAJE RIVER, HADZANZIC RIVER, UNGALAK MOUNTAIN, POORMAN, TANANA, INNOKO RIVER, YUKON RIVER, BEARMAN LAKE, IGTAROD, DALL LAKE, NOWINTA RIVER, BLOW RIVER, BETHEL, PORCUPINE RIVE, MANLEY, NOODOR DOME, NOODOR DOME, OWIAR RIVER, DONLIN, OLD CROW, TATALINA, MIMTO, YUKON-K, TELIDA, CHUM LAKE MINCHUMIN, DOYON STRIP, GRANITE MOUNTAIN, INUVIK, INUVIK, INUVIK, MURPHY DOME, BEAR PAW MOUNTAIN, PAULATUK, PAULATUK, POKER PLAT RIVER, TIMAR CREEK, NENANA, CICUA, UAF YANK, COLLEGE, COLLEGE, COLLEGE, BARRIER RIVER, CASTLE ROCKS, HOLITNA RIVER, STEAMBOAT MOUNTAIN, PINE CREEK, WHITE MOUNTAIN, EISENBERG ARRAY, NISHLIK LAKE, TIGYUKAUIVET MOUNTAIN, PURKEYPICH, TISIGHTETHIC, AOAH ZRAII, THEFARE MOUNTAIN, HARDING LAKE, BIG RIVER LODGE, MCKINLEY, COAL CREEK MOUNTAIN, KANDIK RIVER, SALCHA RIVER, WHITESTONE, WHITESTONE, NUSHAGAK HILLS, TORODI AR BEA, SATAR RIVER, EAGLE PLAINS.

Table with columns: ID, Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Rate, Altitude Rate, Azimuth Accuracy, Altitude Accuracy, Azimuth Precision, Altitude Precision. Includes rows: COLDFOOT, MALCOLM, ANOTLENEGA MO, ANVIK RIVER, ARCTIC VILLAGE, SQUAW LAKE, BANANA CREEK, VABM DOME, MELIOZINA RIVE, WOLF CREEK MOUNTAIN, CHRISTIAN RIVER, ISHTALITNA CRE, NAAGHEDENEEL, SHEENJEK RIVER, KUKA CREEK, COLEMAN RIVER, BABBAJE RIVER, HADZANZIC RIVER, UNGALAK MOUNTAIN, POORMAN, TANANA, INNOKO RIVER, YUKON RIVER, BEARMAN LAKE, IGTAROD, DALL LAKE, NOWINTA RIVER, BLOW RIVER, BETHEL, PORCUPINE RIVE, MANLEY, NOODOR DOME, NOODOR DOME, OWIAR RIVER, DONLIN, OLD CROW, TATALINA, MIMTO, YUKON-K, TELIDA, CHUM LAKE MINCHUMIN, DOYON STRIP, GRANITE MOUNTAIN, INUVIK, INUVIK, INUVIK, MURPHY DOME, BEAR PAW MOUNTAIN, PAULATUK, PAULATUK, POKER PLAT RIVER, TIMAR CREEK, NENANA, CICUA, UAF YANK, COLLEGE, COLLEGE, COLLEGE, BARRIER RIVER, CASTLE ROCKS, HOLITNA RIVER, STEAMBOAT MOUNTAIN, PINE CREEK, WHITE MOUNTAIN, EISENBERG ARRAY, NISHLIK LAKE, TIGYUKAUIVET MOUNTAIN, PURKEYPICH, TISIGHTETHIC, AOAH ZRAII, THEFARE MOUNTAIN, HARDING LAKE, BIG RIVER LODGE, MCKINLEY, COAL CREEK MOUNTAIN, KANDIK RIVER, SALCHA RIVER, WHITESTONE, WHITESTONE, NUSHAGAK HILLS, TORODI AR BEA, SATAR RIVER, EAGLE PLAINS.

Table with columns: ID, Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Rate, Altitude Rate, Azimuth Accuracy, Altitude Accuracy, Azimuth Precision, Altitude Precision. Includes rows: O15K, M20K, KOWA, I28M, I28M, O16K, J26L, J26L, J26L, K24K, SKT, O17K, JAY, N19K, WAT1, DHY, DHY, I29M, SCRK, SCRK, SCRK, H31M, WAT6, O18K, O19K, K27K, SUA, I30M, I30M, P17K, P18K, SML, Q16K, DAWY, M23K, L26K, RC01, SCM, SCM, SCM, J30M, J30M, J30M, M24K, HARP, FALS, L27K, L27K, Q17K, K29M, K29M, P29M, S14K, KLU, GLI, SEW, M27K, N25K, MAYO, L29M, BMRM, EYAK, M29M, KDAK, OHAK, CTG, M31M, N30M, MMPY, FARO, FARO, YUK6, N31M, HYT, HYT, WRGLY, PINM, O29M, O30N, TGTN, TSUM, P33M, YKA.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKAG Skagway, WTLY Watson Lake, R33M Jennings River, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ESCD Sonsea Array, IDC 09 07:54:58.9, NEIC 09 07:54:59.6, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARHZ Aropoanui, EDRZ Edgcombe, PUZ Puketiti, etc.

UUSS 09 07:49:22.3, 0.4, 42.57N, 0.01:11.42W, 0.02, h7km, 1km, Error ellipse: s-maj=1.7km, s-min=1.6km, az=61.0

NEIC 09 07:49:22.0, 0.5, 42.58N, 0.01:11.43W, 0.02, h8km, 1km, ML2.6/28, ML2.5/10(UUSS), Error ellipse: s-maj=1.9km, s-min=1.5km, az=89.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ID06 Fossil Canyon, ID05 Sulphur Canyon, ID05 6j, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAW Mawson, BO01 Tunca, MT09 Talagante, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 09 07:56:06.8, m2.7/3, mbtmp3.7/4, etc.

MEX 09 07:54:50.7-0.7, 15.50N, 94.93W, h20km, 11km, MD3.8

ICD 09 07:54:56.4-1.1, 15.91N, 94.41W, h70km, 36km, MD3.3/2, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=39.4km, s-min=29.6km, az=17.0

ISC 09 07:54:50.3, 1.0, 15.58N, 0.09-94.90W, 0.05, h35km, n9, s=295/14, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulco, HUIG Huatulco, PCIG Huatulco, etc.

WEL 09 07:55:53.4-0.9, 39.9S, 177.7E, h55km, 7km, M3.1/50, ML3.4/13, MLV3.1/50, Error ellipse: s-maj=0.0km, s-min=0.0km, az=131.8, confirmed

NOU 09 07:55:52.4, 38.60S, 177.49E, h29km, MLV3.5/6, North Island, New Zealand

ISC 09 07:55:52.1, 5.38S, 177.51E, 0.04, h73km, 7km, n109, 0.091/116, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAGZ Rawiri, SHAN Shannon Statio, SNGZ Shannon Statio, etc.

MSVF Nonsau 3.71 270 P P 08 07 52.1 0.0

WRA Warramunga Arr 44.99 259 P 0.5nm, 0.5s, bazz=96, slow=7.0, SNR=17

ASAR Alice Springs 45.15 254 P 0.8nm, 0.4s, bazz=92, slow=7.8, SNR=19

ASAR Eielson Array 85.69 13 P 0.2nm, 0.4s, bazz=102, slow=4.3, SNR=5.5

GCG 09 08:01:28.9, 2.6, 15.26N, 94.62W, h31km, 999km, MD4.7

MEX 09 08:01:31.6, 0.7, 14.99N, 94.36W, h16km, 23km, MD4.7

IDC 09 08:01:36.0, 2.8, 15.11N, 94.10W, h62km, 24km, mb4.1/25, mbtmp4.4/27, ML4.3/2, MS3.8/29, Error ellipse: s-maj=24.3km, s-min=9.6km, az=57.0

NEIC 09 08:01:36.3, 1.9, 15.27N, 0.10, 94.00W, 0.1, h54km, 10km, mb4.8/54, MD4.7/10(MEX), Error ellipse: s-maj=17.7km, s-min=10.7km, az=49.0

SNET 09 08:01:39.1, 0.6, 14.47N, 93.75W, h15km, 999km, ML4.1

ISC 09 08:01:32.8, 0.4, 15.16N, 0.05-94.10W, 0.05, h33km, n384, s=131/374, mb4.6/41, MS3.9/26, 3D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG Huatulco, NILT Santiago Nilte, NILT Santiago Nilte, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 09 08:03:51.6:5.7, 6.41S: 130.90E, h189km, 60km, mb3.4/1, mbtmp4.6/20, Error ellipse: s-maj=130.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 09 08:19:26.8:1.7, 6.86S: 130.00E, h104km, 14km, mb4.1/15, mbtmp4.6/20, Error ellipse: s-maj=16.8km s-min=12.1km

DJA 09 08:19:28.2:0.2, 7.2S: 130.00E, h168km, 4km, M4.7/22, mb5.2/12, mb4.7/22, MLV5.1/13, Mw(mb)4.5/12

NEIC 09 08:19:29.5:1.8, 6.98S: 0.07x130.08E:0.09, h134km, 8km, mb4.5/34, Error ellipse: s-maj=13.3km s-min=10.6km

ISC 09 08:19:30.2:0.3, 7.12S: 0.04x130.09E:0.05, h150km, n123, c2509/128, mb4.4/30, Tanimbar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

UPA 09 08:23:02.1:2.0, 6.87N: 82.68W, h21km, 33km, MW3.9

UCR 09 08:23:03.0:1.2, 7.11N: 82.82W, h0km, 81km, MW4.4

ISC 09 08:23:00.3:2.6, 9.6N: 0.10:82.65W:0.06, h6km, 16km, n45, c093/62, 2C-8D, South of Panama

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.



Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SADO, NB2, NOA, FINES, KIRV.

IDC 09:28:33.4z1.14, 18.77N; 145.57E, h216km, 13km, mb3.9/22, mbtmp4.4/24, Error ellipse: s-maj=15.2km s-min=8.6km az=82.0

NEIC 09:28:34.1z1.15, 18.69N; 0.08:145.7E; 0.2, h215km, 8km, mb4.6/46, Error ellipse: s-maj=20.8km s-min=11.1km

ISC 09:28:31.9.0.4, 18.75N; 0.05:145.7E; 0.1, h200km, n81, c1918/88, mb4.5/42, Mariana Islands

Main table for stations 651-975, including GUAMO, JCJ, JMW, JOW, JOW, JGF, JHJ, MJB, JMM, JSD, JSD, YHNB, SSSL, SSSL, SIJI, KSRS, FAKI, ASAJ, JKA, JKA, COEN, COEN, MTN, MTN, KNRA, KNRA, WBO, WBO, WRA, WRA, WRA, WRA, CMAR, CMAR, DZM, DZM, DZM, OUCN, OUCN, MBWA, MBWA, PSAO, PSAO, ARMA, ARMA, FORT, FORT, MORW, MORW, TOO, TOO, ZAAO, ZAAO, ZALV, ZALV, MKAO, MKAO, MKAR, MKAR, MAKZ, MAKZ, KDAK, KDAK, K20K, K20K, CNPK, CNPK, CAST, CAST, NRIK, NRIK, I2IK, I2IK, GHO, GHO, MLY, MLY, PWL, PWL, PWL, PWL.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOOM, BOOM, ILAR, ILAR, RTZ, RTZ, BKZ, BKZ, L27K, L27K, K27K, K27K, BCAR, BCAR, LTZ, LTZ, BVAR, BVAR, BRVK, BRVK, K KAR, KAR, CHGR, CHGR, INK, INK, ARU, ARU, GEYT, GEYT, YKA, YKA, ARCES, ARCES, NVAR, NVAR, FINES, FINES, BRTR, BRTR, TORD, TORD, PLCA, PLCA, LPAZ, LPAZ.

IDC 09:27:19.4z0.9, 41.1771N; 110.88W, h0km, mbtmp3.5/4, ML3.2/4, Error ellipse: s-maj=20.0km s-min=5.9km az=146.0

NEIC 09:28:27.0.8, 42.58N; 111.47W, h9km, NEIC 09:28:27.0.0.0, 42.579N; 0.006:111.43W; 0.03, h9km, 3km, ML4.0/64, Mw4.0/60, ML4.1/17(UJSS), Error ellipse: s-maj=3.1km s-min=0.7km az=99.0, Moment Tensor Solution - Moment tensor: Scale 10^19 Nm, Mw=0.81; Mw=0.267; Mw=1.07; Mw=0.12; Mw=0.78; Mw=0.69; Fault plane solution: M1: 4.2000x10^15 NP1: 0.357, 17000; 866, 12000; 1-125, 39000; NP2: 0.237, 49000; 841, 80000; 1-37, 40000; Principal axes: T: 1.5649, Plg14.0000; Azm112.0000; N: -0.3618, Plg32.0000; Azm13.0000; P: -1.2030, Plg54.0000; Azm22.0000;

UUSS 09:28:27.1.3z0.5, 42.57N; 0.01x111.43W; 0.01, h8km, 3km, Error ellipse: s-maj=2.4km s-min=0.5km az=140.0

ISC 09:27:21.2z0.8, 42.58N; 0.02:111.46W; 0.02, h11km, 5km, n68, c1932/75, Eastern Idaho

Main table for stations 975-1250, including ID06, ID06, ID05, ID05, ID05, ID05, AHID, AHID, GRR, GRR, ID08, ID08, ID08, ID08, ECR, ECR, BEI, BEI, BMUT, BMUT, L17A, L17A, MLI, MLI, HDU, HDU, NPI, NPI, REDW, REDW, REDW, REDW, PTU, PTU, RSUT, RSUT, HWUT, HWUT, HWUT, HWUT, WYUT, WYUT, FWXY, FWXY, BCUT, BCUT, LTU, LTU, HWU, HWU, MOOW, MOOW, IMW, IMW, IMW, IMW, BW06, BW06, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, PDAR, PDAR, PDAR, TCUT, TCUT, SPUT, SPUT, SPUT, SPUT, SPUT, SPUT, H17A, H17A, H17A, H17A, BGU, BGU, BGU, BGU, BSUT, BSUT, VNR, VNR, BCYI, BCYI, BLDI, BLDI, BLDI, BLDI, BGU, BGU, CRIN, CRIN, CNGN, CNGN, BOAB, BOAB, BOAB, BOAB, JTS, JTS, JTS, JTS, COVE, COVE, LCR2, LCR2, RIMA, RIMA, SOR, SOR, HKR, HKR, DRIO, DRIO, DRIO, DRIO, J435B, J435B.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPU, MPU, MPU, MPU, DUG, DUG, DUG, DUG, DUG, DUG, YNE, YNE, NLU, NLU, NLU, NLU, BOZ, BOZ, BOZ, BOZ, MFID, MFID, MFID, MFID, ELK, ELK, ELK, ELK, ELK, ELK, O20A, O20A, K22A, K22A, TCRU, TCRU, TCRU, TCRU, SPR3, SPR3, SPR3, SPR3, PSUT, PSUT, PSUT, PSUT, N23A, N23A, MSO, MSO, R11B, R11B, S22A, S22A, S22A, S22A, KVN, KVN, TPH, TPH, NV11, NV11, PAHR, PAHR, SDCO, SDCO, NVAR, NVAR, NVAR, NVAR, OGNE, OGNE, YBH, YBH, TXAR, TXAR.

IDC 09:08:37.14.8z1.4, 4.7, 53.60N; 90.84E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=43.9km s-min=26.1km az=56.0, Southwestern Siberia

ISC 09:08:44.34.2z2.2, 15.36N; 0.09:94.54W; 0.07, h54km, 14km, mb4.1/22, MD4.1/10(MEX), Error ellipse: s-maj=13.6km s-min=9.8km az=182.0

MEX 09:08:44.37.4z4.7, 15.26N; 94.55W, h37km, 65km, MD4.1 CCG 09:08:44.37.4z4.7, 15.26N; 93.51W, h170km, 33km, MD4.2

IDC 09:08:44.37.4z4.7, 15.68N; 94.32W, h55km, 38km, mb4.0/4, mbtmp4.1/6, ML3.6/2, MS3.4/2, Error ellipse: s-maj=42.2km s-min=34.1km az=92.0

ISC 09:08:44.34.1z1.1, 15.34N; 0.07:94.52W; 0.05, h56km, 12km, n61, c1939/68, mb4.2/6, Near coast of Oaxaca

Main table for stations 1250-1525, including Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H6RU, H6RU, ZALV, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, MKAR, SONM, SONM, NEIC, NEIC, MEX, MEX, CCG, CCG, IDC, IDC, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NILT, NILT, PCIG, PCIG, PCIG, PCIG, TGIG, TGIG, TGIG, TGIG, UXUV, UXUV, UXUV, UXUV, PEIG, PEIG, PEIG, PEIG, RTAL, RTAL, HUEH, HUEH, STG3, STG3, STG3, STG3, SULM, SULM, SULM, SULM, FUG, FUG, FUG, FUG, PEFF, PEFF, ESOL, ESOL, MTO3, MTO3, TGUH, TGUH, TEIG, TEIG, TEIG, TEIG, TEIG, TEIG, CRIN, CRIN, CNGN, CNGN, BOAB, BOAB, BOAB, BOAB, JTS, JTS, JTS, JTS, COVE, COVE, LCR2, LCR2, RIMA, RIMA, SOR, SOR, HKR, HKR, DRIO, DRIO, DRIO, DRIO, J435B, J435B.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JCT Junction City, TXAR Lajitas Array, BRDY Brady, etc.

Table with columns: LIFNC, LIFOU, YATNC, etc. Includes stations like Mammie plateau, Queen Island, Oueni, etc.

Table with columns: FTIG, FTIG, TLIG, etc. Includes stations like Fresnillo de T, Tiapa, Esquirol, etc.

WEL 09:08:47.13±0.1, 8.32°S 111°18'00"W, h346km, 25km, M4.77, mb4.7/3, MLv4.77, Mw(mB)4.0/3, Error ellipse: s-maj=0.0km s-min=0.0km az=105.4, confirmed, Kermadec Islands region

AS31 Alice Springs 32.22 256 P P 09 40 19.6 -0.8 AS31 Alice Springs 32.22 256 P P 09 40 19.6 -0.8

NNC 09:09:39.33±0.1, 6.51°N 176°06'00"E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=66.8km s-min=10.4km az=26.0, Suspected Mining explosion, IDC 09:09:39.8±0.1, 5.1°S 166°08'00"E, h0km, mbtmp2.9/2, ML2.2/2, Error ellipse: s-maj=51.4km s-min=28.2km az=107.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GLKZ Green Lake, KUZ Koaotunu, WNGZ Waiomatatini S, etc.

Table with columns: J05D Fort Rock, ARCS ARCS Array B, RONA Rosalia Austr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KURBB Kurchatov Arr, KURKB Kurchatov, KURK Kurchatov, etc.

MEX 09:09:27.25±0.4, 15°30'N 94°62'W, h16km, 5km, MD3.9, ISC 09:09:27.23±0.4, 15°28'N 094°60'W, h16km, 3km, n11, c1917/21, Near coast of Oaxaca

NEIC 09:09:39.10±0.1, 14°91'N 099°55'15W, h22km, 7km, mb3.9/13, MD4.1/29(MEX), Error ellipse: s-maj=13.9km s-min=4.9km az=186.0

MEX 09:09:39.15±0.5, 15°16'N 95°20'W, h16km, 36km, MD4.1, ISC 09:09:39.02±1.6, 15°08'N 097°95'08W, h17km, 12km, n51, c1972/69, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NILT Santiago Nilte, PCIG Huatulco, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HUIG Huatulco, PANG Puerto Angel, PANG Puerto Angel, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BRPK Brown Peak, ISLZ Isanotski Laza, FALS False Pass, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKV Akutan Volcano, AKGG Akutan Green G, AKMO Akutan Morgan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ECR Eagle Creek, TPNV Topopah Spring, PDAR Pinedale Array, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LVC, PB15 IPOC Station P, G002 Mina Guarana, AS7B Santa Barbara, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CNLB Canela, SAML Samuel, and various other call signs.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OXF Oxford, PLAL Pickwick Lake, and various other call signs.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like T25A Trinidad, T25A Trinidad, and various other call signs.







Table of astronomical observations with columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations with columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations with columns for object name, coordinates, magnitude, and other parameters.



Table with columns: Station Name, Time, Az, El, P, PKI, Az, El, P, PKI, Az, El, P, PKI. Includes stations like HLID Hailey, PFO Pinyon Flats, TPFO Pinon Flats, etc.

Table with columns: Code, Station Name, Az, El, P, PKI, Az, El, P, PKI, Az, El, P, PKI. Includes stations like BCIP Isla Barro Col, CPUP Villa Florida, PACI Panto Paraso, etc.

Table with columns: Station Name, Time, Az, El, P, PKI, Az, El, P, PKI, Az, El, P, PKI. Includes stations like TEY Ternei, TEY Ternei, TEY Ternei, etc.

Table of astronomical observations for 9d 10h, listing station names, object names, coordinates, and observation details.

Table of astronomical observations for 2017 SEP, listing station names, object names, coordinates, and observation details.

Table of astronomical observations for 2017 SEP, listing station names, object names, coordinates, and observation details.

VIE 09 10:23:15.6:0.4, 46:08N:14:21E, h14km, 4km, mLO.9/1, Error ellipse: s-maj=1.5km s-min=1.2km az=57.0 17km

LJU 09 10:23:16.2, 46:08N:14:20E, h0km, ML0.4, 1C, Suspected explosion, Northwestern Balkan Peninsula

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

NEIC 09 10:44:27.2:1.5, 15:34S:0:06:70:2W:0:1, h225km, 9km, mb4.2/1, Error ellipse: s-maj=16.2km s-min=8.1km az=91.0

VAO 09 10:44:28.1:0.7, 15:41S:70:04W, h227km, mb4.2 GUC 09 10:44:28.2:0.9, 15:93S:70:48W, h280km, mLO, ML4.3

ISC 09 10:44:29.4:4.1, 15:29S:69:73W, h243km, 22km, mb3.1/2, mbmp4.0/3, Error ellipse: s-maj=67.5km s-min=35.5km az=178.0

ISC 09 10:44:26.6:0.6, 15:36S:0:05:70:12W:0:08, h224km, n80, mb3.8/1, mb4.0/6, 3C, Southern Peru

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, and various station data points like ITQB, PCMB, FRBT, etc.

JMA 09 10:51:42.3, 0.2, 42.0N, 0.9, 142.6E, 0.8, h65km, 1km, MV3.6/39, S OFF URAKAWA

JMA Felt J1 at S OFF URAKAWA

NIED 09 10:51:42.3, 42.03N, 142.58E, h65km, MW3.7, Moment Tensor Solution, c3 Moment tensor, Scale 10^19Nm

M1:2.88, M2:0.4, M3:2.46, M4:2.6, M5:1.23, M6:1.14, M7:3.42, Fault plane solution: Mo=4.66000x10^14 NP1:2.1, 0.0000, 571.00000, 1.88.00000, NP2:2.08, 0.0000, 820.00000, 1.97.00000

IDC 09 10:51:43.7, 2.0, 42.11N, 142.49E, h72km, 15km, mb3.4/11, mbtmp3.6/15, MS2.8/1, Error ellipse: s-maj=23.5km, s-min=12.9km az=120.0

ISC 09 10:51:42.6, 0.8, 42.03N, 0.05, 142.56E, 0.04, h64km, 6km, n39, c067/44, mb3.6/11, 11D, Hokkaido region

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, and various station data points like JNBK, JSHD, JSHD, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, and various station data points like TNTI, CIBINJO, LBMI, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, and various station data points like MDJ, XLT, ASAJ, etc.

MEX 09 11:15:23.7, 0.8, 15.50N, 94.59W, h16km, 15km, MD4.0, IDC 09 11:15:29.6, 4.0, 15.50N, 94.18W, h74km, 37km, mb3.5/5, mbtmp3.7/7, ML3.6/2, MS4.1/1, Error ellipse: s-maj=37.3km, s-min=29.6km az=22.0

ISC 09 11:15:24.8, 1.0, 15.30N, 0.09, 94.60W, 0.04, h40km, n17, c38/40/21, mb3.7/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, and various station data points like NILT, PNLG, PNLG, etc.

IDC 09 11:22:08.4, 1.8, 20.705S, 178.01W, h550km, 23km, mb3.2/3, mbtmp4.3/5, Error ellipse: s-maj=33.7km, s-min=23.6km az=149.0

ISC 09 11:22:08.7, 1.1, 20.705S, 178.02W, 0.2, h550km, n7, c0565/8, mb3.5/3, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, and various station data points like MSVF, AFI, URZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for BUHA, CESE, GPNR, ZEVE, etc.

ISC 09 11:33:12.1-8.4, 15.39N-94.61W, h0km, mb3.5/2, mbmp3.5/3, ML4.4/2, MS3.9/1, Error ellipse: s-maj=162.7km s-min=46.2km az=176.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NILT, HUIG, PANG, etc.

ISC 09 11:39:18.9-1.5, 38.79N-26.86E, h0km, mb3.4/3, mbmp3.5/4, ML3.8/1, MS2.9/5, Error ellipse: s-maj=53.2km s-min=17.6km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RFT7, EAG3, etc.

ISC 09 11:39:20.3-0.8, 38.92N-26.71E, h6km, mb3.9/7, Error ellipse: s-maj=2.8km s-min=0.4km az=311.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RFT7, EAG3, etc.

Table with columns: BUHA, CESE, GPNR, ZEVE, etc. Includes station names and associated data.

ISC 09 11:33:19.3-1.6, 15.77N-01.94-89W, h0km, n8, a150/13, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NILT, HUIG, PANG, etc.

ISC 09 11:39:19.9-0.0, 38.92N-26.68E, h7km, mb3.9/7, Error ellipse: s-maj=2.8km s-min=0.4km az=311.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RFT7, EAG3, etc.

ISC 09 11:50:49.6-0.3, 15.69N-02.94-74W, h02h31km, MW5.0/83, Moment Tensor Solution, s57.c73, s83.c120

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RFT7, EAG3, etc.

Table with columns: RYK, CAVK, CAVK, etc. Includes station names and associated data.

ISC 09 11:50:48.2-0.5, 15.53N-02.04-89W, h0.03, h30km, 3km, h31km, PP-P, n634, r159, mb4.8/46, MS4.2/42, 12D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NILT, HUIG, PANG, etc.

ISC 09 11:50:50.2-1.0, 15.55N-94.79W, h45km, 30km, mb4.3/17, mbmp4.5/18, ML5.0/2, MS4.2/40, Error ellipse: s-maj=24.4km s-min=11.9km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RFT7, EAG3, etc.

ISC 09 11:50:53.4-3.4, 15.24N-94.49W, h33km, 99km, MD4.9, NEIC 09 11:50:51.6-1.6, 15.59N-02.04-89W, h0.06, h47km, 8km, mb4.9/12, ML4.9/14(MEX), Error ellipse: s-maj=13.2km s-min=7.8km az=197.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RFT7, EAG3, etc.



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9d 11h

Table with columns for call sign, name, frequency, and other details. Includes stations like CCIG, YOIG, YOHU, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like LOOK, CCAR, Z47A, WNTX, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like SDV, MACO, BOSQ, WUAZ, etc.





9d 12h

2017 SEP

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Table with 6 columns: station code, frequency, band, speed, SNR, and date. Includes stations like YBH, GMRC, ANMO, ANMO, ECSD, KAN01, ULM, ARCES, etc.

Table with 6 columns: station code, frequency, band, speed, SNR, and date. Includes stations like LPAZ, LPAZ, TICA, BBRB, BBSD, ESFA, LAS, SIV, MURT, etc.

Table with 6 columns: station code, frequency, band, speed, SNR, and date. Includes stations like GR1C, CHIC, YOTC, ROSC, ROSC, MALC, PLMJC, GUYVZ, RUSC, etc.

Station coordinates and parameters: SJA 09 12:03:40.6, 1.3, 22.51s:66.29W, h252km, 7km, MLS.1, MW4.9, NEIC 09 12:03:40.7, 22.46S:66.17W, h250km, etc.

Station coordinates and parameters: ANTU Antonio Joao (9.49 89 eP), PTBL Pontes e Lacer (9.65 66 eP), MECA Mercedes (9.98 135 eP), etc.

Station coordinates and parameters: PAMC Pamplona, Colo (30.24 347 eP), MPGF Montagnes des DBCZ (30.42 28 P), etc.

Station coordinates and parameters: VA0 09 12:03:41.2, 0.2, 22.36S:66.23W, h228km, mb5.2, MOS 09 12:03:42.0, 0.5, 22.39S:66.14W, h242km, mb4.7, etc.

Station coordinates and parameters: RNTJ Francisco Belt (12.65 109 eP), RNTJ Terra Santa (12.65 109 eP), RNTJ Terra Santa (12.65 109 eP), etc.

Station coordinates and parameters: RBCH Rio de Janeiro (33.61 65 eP), RBCH Rio de Janeiro (33.61 65 eP), RBCH Rio de Janeiro (33.61 65 eP), etc.

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and Date. Lists many stations including YVIA, YVIA, HJA, HJA, HJA, AF01, etc.

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and Date. Lists many stations including PLTB, PLTB, ARAG, CLDB, FRFB, etc.

Table with 6 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and Date. Lists many stations including JTS, JTS, JTS, JTS, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Y52A Liburn, LRAL Lakeview, VNA1 Neumayer-Stat, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like TAZTN Tazewell, V48A Smith Brothers, S57A Dark Hollow, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like ODNJ Ogdensburg, O54A Avella, SS5A Standing Stone, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MNTX Cornudas Mount, O44A Mansfield, J61A Chestnut, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BFSC Mount Baldy Ra, RRX Edison Barstow, B35A Bol Littlefor, etc.



Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KRVS, HHC, LZH, CMAR, JOW, CD2, etc.

IDC 09 12:15:04.7-4.7, 5.05S-152.70E, h49km, 39km, mb3.4/2, mbmt3.6/2, Error ellipse: s-maj=57.7km s-min=32.8km

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like KRVT, WRA, ASAR, TORD, etc.

IDC 09 12:17:15.0-0.9, 21.20S-67.10W, h178km, 15km, mb3.4/1, s-min=12.1km az=106.0

GUC 09 12:17:17.7-0.8, 21.24S-67.52W, h212km, 7km, ML3.7, SCB 09 12:17:17.1-3.2, 26S-67.33W, h178km, 11km, ML3.7, MW3.6, Error ellipse: s-maj=4.7km s-min=2.9km az=0.0

ISC 09 12:17:15.9-0.9, 21.24S-0.05E, h197km, n42, c129/61, 2C-3D, Chile-Bolivia border region

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like MOCH, PB09, YJA, LVC, LWC, etc.

comp=E,0.8nm,0.8s,baz=2318,slow=3.9,SNR=5-3.3

IDC 09 12:17:40.8-2.5, 15.83N-94.66W, h53km, 23km, mb4.1/2/1, mbmp4.4/23, ML4/0/2, MS3.8/48, Error ellipse: s-maj=18.7km s-min=12.3km az=52.0

MEX 09 12:17:40.1-0.6, 15.79N-94.93W, h56km, 38km, MD5.4, NEIC 09 12:17:43.2-1.9, 16.0N-0.1x, 94.75W, 0.07, h52km, 11km, mb4.750, MD5.4/8(MEX), Error ellipse: s-maj=15.6km s-min=10.0km az=115.1

GCG 09 12:17:43.7-3.5, 14.86N-94.85W, h27km, 999km, MD4.7, ISC 09 12:17:40.5-0.5, 15.87N-0.05E-94.92W, 0.04, h50km, n445, c1942/411, mb4.6/40, MS3.9/50, Near coast of Oaxaca

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like NILT, HUIG, X37A, etc.

Main table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like LOOK, MINTX, DKNS, etc.





Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like E21K Killik River, F20K Avaraat Lake, G19K Purcell Mouna, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MPRI comp=N,1002um,0.5s, MPRI comp=N,756um,0.5s, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like CGRP Cima Grappa, CGRP Cima Grappa, CGRP comp=E,116um,0.3s, etc.

PRU 09 12:18:56.4, 46°31'N, 12°62'E, h10km
ROM 09 12:18:53.0, 0.1, 46°25'N, 0.0005, 12°61'E, 0°006,
h7km, ML2.1/46, 3C-6D, Error ellipse: s-maj=0.5km
s-min=0.3km az=150, Northern Italy

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like STAL STALIGIAL, STAL comp=E,9081um,0.2s, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like AFL Alpe Faloria, BAD Bernadia, VARN Col Varnada, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MABI Malga Bissina, MABI comp=N,53um,1.1s, etc.

Table with columns: ZONE, comp=N, AML, AML, comp=N, AML, AML, MOA, comp=N, AML, AML, BOAS, comp=N, AML, AML, BOUS, comp=N, AML, AML, OZLJ, comp=N, AML, AML, DAVA, comp=N, AML, AML, VIRC, comp=N, AML, AML, CKRC, comp=N, AML, AML, DUGI, comp=N, AML, AML, KHC, comp=N, AML, AML, KHC, comp=N, AML, AML, UREC, comp=N, AML, AML, ZHF, comp=N, AML, AML, ZIRJE, comp=N, AML, AML, QLNO, comp=N, AML, AML, QLNO, comp=N, AML, AML, HVAR, comp=N, AML, AML, BURY, comp=N, AML, AML, BURY, comp=N, AML, AML, BURY, comp=N, AML, AML

NEIC 09 12:25:03.8-2.4, 15:39N-0.09-94.72W±0.04, h25km±8km, mb4.5/42, MD3.8/12(MEX), Error ellipse: s-maj=12.7km s-min=6.2km az=178.0
IDC 09 12:25:04.2-2.9, 15:35N-94.39W, h44km±26km, mb3.9/20, mbmp4.1/22, ML4.1/2, Error ellipse: s-maj=24.4km s-min=10.8km az=51.0
MEX 09 12:25:06.2-0.8, 15:44N-94.78W, h31km±20km, MD3.8
CGC 09 12:25:10.3-3.9, 14:30N-94.30W, h39km±999km, MD4.5
ISC 09 12:25:03.0-0.4, 15:31N-0.05-94.66W±0.04, h40km±n195, 194/205, mb4.2/26, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists various stations like NIIT, HUIG, HUIG, HUIG, UUVU, UUVU, TGIG, TGIG, PEIG, PEIG, PEIG, RTAL, STG3, STG3, HUEH, HUEH, SULM, FUG, FUG, NBG, NBG, PETF, ESQI, MTCO, TEIG, TEIG, CRIN, ORTG, DUNO, JTS, JTS, RIMA, SRBA, SRBA, 833A, 833A, 833A, HNDO, DRIO, 435B, 435B, JCT, JCT, JCT, SAND, SAND, TX31, TX31, TX32, TXAR, TXAR, NATX, BRDY, BRDY, OZNA, OZNA, 237A, 237A, WHTX, ALPN, ALPN, BRAL, SGCY, SGCY, ABTX, ABTX, FW03, FW03, 425A

Table with columns: ODDA, Odessa, Pn, Pn, 12:29 14.2 +1.0, 12:29 20.0, 12:29 15.8 +0.7, 12:29 21.0, 12:29 18.7 +0.8, 12:29 21.0, 12:29 19.7 +0.2, 12:29 25.4, 12:29 19.7 -1.5, 12:29 23.5 +0.5, 12:29 23.7 +0.8, 12:29 24.0 -0.8, 12:29 22.7 -0.9, 12:29 30.4 -0.6, 12:29 30.0 5, 12:29 30.7 -0.3, 12:29 30.7 -0.4, 12:29 37.1, 12:29 33.7 -0.6, 12:29 34.1 -0.5, 12:29 39.0 +1.0, 12:29 39.4 -0.9, 12:29 38.6 +0.2, 12:29 40.4 -1.3, 12:29 40.9 -0.7, 12:29 43.9 +2.0, 12:29 46.0, 12:29 44.5 +2.0, 12:29 47.2, 12:29 46.0 +0.9, 12:29 46.3 0.0, 12:29 49.0 +0.9, 12:29 54.4 +1.6, 12:29 50.6 +0.6, 12:29 52.3 +1.5, 12:29 51.7 +0.4, 12:29 54.9 +3.7, 12:29 55.0 +3.8, 12:29 54.6 +2.4, 12:29 53.8 +1.4, 12:29 54.2 +1.6, 12:29 10.7 +5.2, 12:29 58.2 +1.7, 12:29 59.2 +2.3, 12:29 58.5 +1.5, 12:29 58.4 -0.1, 12:29 51.1 +2.6, 12:29 10.2 +1.7, 12:29 10.6 +0.1, 12:29 10.7 +0.6, 12:29 11.6 +6.1, 12:29 02.6 -0.6, 12:29 03.0 -1.4, 12:29 09.9 +2.0, 12:29 06.3 -0.6, 12:29 07.8 +0.2, 12:29 10.5 +1.6, 12:29 11.2 +2.2, 12:29 11.9 +3.0, 12:29 13.1 +2.5, 12:29 13.3 +1.2, 12:29 13.9 +1.1, 12:29 16.6 +2.8, 12:29 19.9 +2.5, 12:29 22.6, 12:29 19.9 +2.3, 12:29 17.3 -0.4, 12:29 18.6 +1.0, 12:29 20.0 +2.3, 12:29 23.7 +1.6, 12:29 26.3 +2.3, 12:29 28.4 +4.0, 12:29 28.8 +2.3, 12:29 37.1 +4.2, 12:29 37.7 +3.2, 12:29 37.0 +2.2, 12:29 37.2 +2.5, 12:29 39.1 +3.5, 12:29 38.0 +2.5, 12:29 37.5 +1.9, 12:29 45.5 +3.2, 12:29 38.3 -4.3, 12:29 50.9 +3.4, 12:29 48.0 -0.3, 12:29 53.5 -0.3, 12:29 00.9 +4.8, 12:29 00.8 +3.8, 12:29 01.2 +2.9, 12:29 02.3 +2.4, 12:29 06.4 +3.2, 12:29 07.0 +2.6, 12:29 03.5 -0.7, 12:29 05.9 -1.0, 12:29 05.9 -1.0, 12:29 10.7 +0.4, 12:29 11.7 +1.7, 12:29 19.7 +2.2, 12:29 20.2 +2.4, 12:29 13.5 +0.6, 12:29 20.2 +1.2, 12:29 21.7

Table with columns: RLMT, EYMN, MDND, HLID, HLID, AGMN, BOZ, ULM, EGMT, CHMT, YB, ETMB, ETMB, NEW, NEW, LPAZ, YKA, U33K, Q32M, CPUP, BDFB, INK, E29M, PLCA, ILAR, SKT, G25K, H24K, G24K, E25K, CAST, K20K, O17K, J20K, N17K, TOLK, C24K, D22K, N15K, L16K, E21K, F20K, L15K, E17K, K13K, C18K, ESDC, NB2, NOA, ARCES, TORO, BOSA, WRA, ASAR, PZH, MEX, IDC, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists various stations like Red Lodge, Ely, Maddock, Hailey, Hailey, Agassiz Naton, Bozeman (W), Lac du Bonnet, Yreka Blue Hor, Chamberlain Mt, Yreka Blue Hor, Extrema, Newport, Newport, La Paz, Yellowknife Ar, Whales Pass, Nakina River, Villa Florida, Brasilia, Inuvik, Blow River, Paso Flores, Eielson Array, Skwentna, Bearman Lake, Noodor Dome, Hadwenzic Riv, Arctic Village, Gas Rocks, Telida, Koligek Bris, Novinta River, Nushagak Hills, Toolik Lake Re, Franklin Bluff, Aiyikav River, Kwethluk River, Kook River, Killik River, Avarakt Lake, Ungalak Mounta, Hotham Inlet, Kuslivak Mount, Utukok River, Sonseca Array, NORSAR Subarra, NORSAR Array B, ARCES Array B, Torodi Ar, Boshof, Warrangung Arr, Alice Springs, PanZhihua

Table of astronomical observations for 9d 13h, listing station names (e.g., NILT, HUIG, TGIG), coordinates, and other parameters.

Table of astronomical observations for 2017 SEP, listing station names (e.g., FXWY, NNA, SADO), coordinates, and other parameters.

Table of astronomical observations for 2017 SEP, listing station names (e.g., ULXUV, CCIG, RTAL), coordinates, and other parameters.

ISN 09 12:55:43.0, 0.3, 33.71N, 46.85E, h5km, ML2.1

TEH 09 12:55:43.0, 0.3, 33.71N, 46.85E, h5km, ML2.5

ISC 09 12:55:44.8, 1.1, 33.88N, 0.07, 46.90E, 0.04, h17km, n11, -0.85/13, Iran-Iraq border region

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

IDC 09 13:06:41.1, 1.2, 9.01N, 40.32W, h0km, mb3.7/5, mbmt3.7/5, MS3.4/3, Error ellipse: s-maj=54.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like MDP, H10N3, H10N2, etc.

SNET 09 13:18:41.9, 0.7, 14.90N, 94.46W, h35km, 598km, MD4.5

NEIC 09 13:18:46.8, 2.3, 15.21N, 0.07, 94.28W, 0.06, h5km, 10km, mb4.7/280, MD4.5/18(MEX), Error ellipse: s-maj=11.2km

IDC 09 13:18:47.1, 2.6, 15.21N, 94.00W, h54km, 23km, mb4.1/28, mbmp4.3/30, ML3.9/2, Error ellipse: s-maj=20.5km

MEX 09 13:18:47.9, 1.0, 15.29N, 94.45W, h26km, 33km, MD4.5

GCG 09 13:19:01.2, 3.5, 14.81N, 93.20W, h35km, 999km, MD4.7

ISC 09 13:18:45.0, 0.9, 15.17N, 0.05, 94.30W, 0.04, h43km, 6km, n560, r153/493, mb4.7/117, 2D, Near coast of Oaxaca

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

Table with columns: Station, Frequency, Class, Power, Date, Time, and other details. Includes stations like WLAR, ODDA, SN01, CCAR, Z47A, APMT, WTF5, LOOK, TIGA, POST, LRAL, Y45A, MIAR, MNTX, K37A, 152A, UALR, OXF, UREC, WMOK, Y49A, WHAR, CBOC, MSTX, X48A, PLMC, PLAL, GOGA, GOGA, DEOK, TUL3, AMTX, FCAR, CSTR, Y52A, FPAL, OK052, YOTO, RLO, LCAR, QUOK, JAMC, GUY2C, X51A, 319A, U38A, 121A, 121A, SWET, ANIL, POPC, W50A, V48A, OTAV, WVT, WVT, IMBA, TULM, T35A, PBMO, CRUC, OK032, ORTC, KAN14, T42A, MGMO, Y22D, Y22F, CPCT, CLTN, KAN05, KAN10, ROSC, ROSC, KAN08, PRAC, BARC, CGM3, S39A, S39A.

Table with columns: Station, Frequency, Class, Power, Date, Time, and other details. Includes stations like TKL, ANMO, PAMP, U49A, PIAT, TUC, TUC, CHIC, RUSC, CCM, CCM, CCM, KMSC, TZTN, R32A, T25A, X18A, KSU1, KSU1, SDV, U54A, WCI, WCI, CBKS, Q44A, OLIL, P40A, P38A, PTGC, R49A, U56A, U56A, SDCO, X16A, R50A, P43A, KS23, KSC0, S22A, P46A, MVC0, MVC0, WUAZ, WUAZ, N38A, Q24A, Q24A, N41A, HDIL, P49A, GLA, PDMCI, O48B, BGMC, S30E, O49A, ISCO, ISCO, BC3, OGNB, U15A, U15A, IRM, MONPN, L34A, L42A, O52A, O52A, TPFO, PFO, PFO, PFO, ATAH, GMR, L44A, O53A, MCWV, LCMT, N23A, MURC, O20A.

Table with columns: Station, Frequency, Class, Power, Date, Time, and other details. Includes stations like SZCU, JFW5, MVU, SHPR, BFSC, GSC, ECSD, ECSD, RWWV, I40A, PSUT, LRMC, TPNV, TPNV, K22A, MPMC, S11A, SUSD, SPR3, DUG, DUG, ISA, R11B, TCUT, GRAC, CWC, SPMN, RSSD, PKM, YES, BW06, PD31, PDAR, F33A, GLMI, OMVB, ELK, ELK, MDPB, NVAR, LHV, REDW, MOOW, H17A, YMP, RLMT, RLMT, EYMN, YHL, MDND, MPK, AGMN, AGMN, HLID, HLID, BOZ, BOZ, DLMT, DGMT, DGMT, WVOR, J08A, J08A, PLID, ULM, EGMT, EGMT, EGMT, MSO, MSO, BOAV, YBH, H04A, H04A, NEW, NEW, NEW, LTY, SAML, FFC, LPAZ, EDM, EDM, PB16, V35K, YKA.



Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other details. Includes entries for Los Arroyos, Centro de Oper, Alcaide, Conchagua, San Cristobal, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other details. Includes entries for AMTX Amarillo, AMTX Amarillo, OK029 Liberty Lake, FCAR Ozark Folk Cen, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other details. Includes entries for 113A Mohawk Valley, S22A 4UR Ranch, S22A 4UR Ranch, etc.

9d 13h

Table with columns for station ID (e.g., ETMB, H04A), station name (e.g., Extrema, Detroit Lake), coordinates, elevation, and wind speed/direction data.

2017 SEP

Table with columns for station ID (e.g., F31M, M26K), station name (e.g., Tsightgthic, Nabesna, AK), coordinates, elevation, and wind speed/direction data.

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Table with columns for station ID (e.g., M19K, Q16K), station name (e.g., Big River Lodg, King Salmon), coordinates, elevation, and wind speed/direction data.



Table with columns: GERS, FINES, KEST, TORD, TORO, NRIK, MLR, DZM, STKA, WRA, ASAR, CMAR. Includes station names, coordinates, and various codes.

MEX 09 13:32:23.40.3, 15.64N, 94.89W, h63km, 34km, MD3.4, Near coast of Oaxaca

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

USS 09 13:55:50.1±0.7, 42.56N, 0101.11142W, 0.02, h8km, 2km, Error ellipse: s-maj=2.6km s-min=1.6km az=112.0

NEIC 09 13:55:49.8±0.0, 42.573N, 0101.1144W, 0.02, h10km, 2km, ML2.6/88, ML2.6/4(USS), Error ellipse: s-maj=2.4km s-min=1.0km az=59.0, Eastern Idaho

Main table listing stations (ID06, AHID, GRRI, etc.) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like Fossil Canyon, Sulphur Canyon, Auburn Hatcher, etc.

Table with columns: RWVY, ELK, O20A, SRU, K22A, BPMT, SPR3, LYMT, N23A, CHMT, MTPU, MSO, HMU, SMCO, ISCO, ISCO, UUSS, NEIC, Code, Station Name, Az, Az', Phase ID, Time, Res.

USS 09 13:56:01.1±0.7, 42.562N, 0100.91142W, 0.02, h6km, 2km, Error ellipse: s-maj=2.0km s-min=1.1km az=65.0

NEIC 09 13:56:00.6±1.6, 42.557N, 0100.91143W, 0.03, h1km, 4km, ML2.8/20, ML2.6/7(USS), Error ellipse: s-maj=2.9km s-min=1.2km az=79.0, Eastern Idaho

Main table listing stations (ID06, ID05, AHID, GRRI, etc.) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like Fossil Canyon, Sulphur Canyon, Auburn Hatcher, etc.

Table with columns: ZALV, SONM, ILAR, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zalesovo Bend, Songino Array, Eielson Array, etc.

ISC 09 14:30:25.8±1.2, 15.57N, 94.82W, h0km, mb3.8/8, mbmp3.9/10, ML3.9/2, MS3.3/7, Error ellipse: s-maj=46.1km s-min=16.6km az=50.0

MEX 09 14:30:31.7±0.8, 15.66N, 95.05W, h33km, 13km, MD4.4, NEIC 09 14:30:32.3±1.6, 16.33N, 91.94W, 0.1, h107km, 16km, mb4.2/50, MD4.4/12(MEX), Error ellipse: s-maj=22.7km s-min=12.1km az=218.0

ISC 09 14:30:50.7±1.7, 15.59N, 006.9497W, 0.05, h37km, n85, c212/84, mb4.1/15, MS3.5/5, Near coast of Oaxaca

Main table listing stations (NILT, HUIG, XUVU, etc.) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like Nihte, Huatulco, XUVU, etc.

2017 SEP

Table with columns: Id, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Santo Domingo, Wupatki, San Juan Bosco, Snowmass, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Santiago Nilte, Huatulco, Negor - Chabah, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Negor - Chabah, Wadi Sarin, Wadi Bani Khal, etc.

JMA 09 14:38:46.4-0.1, 39.5N:01.140:4E:0.2, h9km, 1km, M3.1/20, SOUTHERN AKITA PREF.

IDC 09 14:45:49.5-1.4, 14.84N:04.49W, h0km, mb3.7/5, mbmp3.6/6, ML3.4/1, MS3.5/6, Error ellipse: s-maj=46.6km

OMAN 09 15:17:35.2-0.6, 24.88N:62.76E, h10km, 8km, mb4.2/7, m3.3/7, Error ellipse: s-maj=4.6km s-min=3.5km az=119.0

JMA 09 14:38:46.9-1.2, 39.51N:140.41E, h0km, mb3.4/4, mbmp3.4/8, ML3.0/4, MS2.4/1, Error ellipse: s-maj=30.4km

IDC 09 14:45:58.2-2.7, 15.2N:01.94:61W, h0.06, h35km, 2km, mb4.1/20, MD4.0/9(MEX), Error ellipse: s-maj=18.9km

ISOC 09 15:17:32.6-3.4, 24.85N:009.62:8E:0.2, h10km, n26, o988/41, Off coast of Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Rokugo, Yuwa, Kaneyama, Ohasama, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Vernon, Abilene, Hawle, Indio Mountain, etc.

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

ASAJ Asahikawa 4.86 18 Pn 14 40 01.4 +0.3

IDC 09 14:52:02.3-4.3, 9.2S:01.003:140:47E:0.03, h10km, n20, o1844/22, mb3.5/4, Eastern Honshu

NEIC 09 15:20:40.6:2.2, 15.4N:01.94:89W:0.04, h10km, 2km, mb4.2/9, Mch4.4/42(MEX), Error ellipse: s-maj=17.7km

USRK Ussuriysk Arr. 7.87 309 Pn 14 40 40.9 -1.3

IDC 09 14:52:08.1-1.6, 18.41N:104.71:15W:0.09, h35km, n9, o225/17, 1C-9D, Dominican Republic region

MEX 09 15:20:48.7:0.8, 15.72N:04.89W, h16km, 12km, MD4.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 30.10 123 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Newport, La Paz, Schefferville, etc.

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

OSPL 09 14:43:02.6:1.4, 18.49N:71:01W, h43km, 10km, ML2.0

IDC 09 14:52:08.7-1.1, 3.8S:01.100:58E:0.09, h34km, n20, o995/13, mb3.2/4, Southern Sumatera

DJA 09 14:52:09.4:0.7, 4.7S:10:2E, h34km, 9km, M3.6/6, ML3.6/6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Neiba UASD, Polo, Presa de Saban, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kapahiang, Manna, Pulau Pagai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Huajuapam de L, Toluca, Tepic, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like FPAL, OMMB, MDPB, PB16, MEX 09, NEIC 09, ISC 09, and various other stations.

Table with columns: LRAL, WFTS, LOOK POST, MIAR, MIAR, X37A, MNTX, MNTX, DKNS, UALR, X3A, WMOK, WMOK, WHAR, FNO, MSTX, MSTX, OKSX, GOGA, GOGA, DEOK, Y52A, FCAR, TUL, FPAL, AMTX, OK031, OK052, RLO3, RLO3, QUOK, U38A, U38A, 121A, 121A, OK048, ELIS, OK051, W50A, W50A, TULM, TULM, T35A, MGMO, MGMO, ROSC, KAN14, KAN14, DUN6, KAN17, Y22F, Y22F, TKL, S39A, U49A, ANMO, ANMO, ANMO, TUC, TUC, SIUC, CCM, CCM, KMSC, T25A, T25A, T25A, 214A, KSU1, KSU1, WCI, CBKS, CBKS, W18A, P40A, P40A, P38A, SDCO, X16A, S22A, S22A, MVCO, WUAZ, WUAZ, G27K.

Table with columns: Q24A, SMCO, ISCO, OGNB, BC3, IRM, MONP, HMU, PFO, PFO, KNB, GMRC, N23A, O20A, MTPU, JFW, MVU, MVU, TMUT, ECSD, ECSD, K22A, WUPA, SPR3, DUG, R11B, TCUT, SPMN, PDAR, F36A, NV11, ELK, ELK, NVAR, REDW, BMN, RLMT, YNE, EYMN, L61B, MDND, AGHM, HGLD, HGLD, BOZ, DLMT, WVOR, J08A, ULM, PLID, PLID, EGMT, CHMT, MSO, YBH, F10A, H04A, NEW, LPAZ, YKA, R33M, CFA, CPUP, BDFB, M29M, RAGM, G31M, L27K, F31M, INK, INK, K27K, F30M, KLU, G29M, GLI, SCRK, J26L, PLCA, H27K, F28M, SML, G27K.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAT6 Susitna Watana, D5K1 Salcha River, JHY Denali Highway, etc.

Table with columns: DUNO, Dulce Nombre, ESPN, Las Esperanzas, JTS, Las Juntas de, etc. Includes stations like SOCE Pocosol, COVE Coope Vega, JACO Garabito, etc.

Table with columns: OK052 Battle Ridge R, Y52A Liburn, OK033 Mehan, etc. Includes stations like OK033 Mehan, QUOK Quay, 319A Douglas, etc.

NEIC 09 15:29:06.6, 1.6, 15:09N, 0:08-94:59W, 0:07, h47km, 7km, mb4, 0/190, Error ellipse: s-maj=13.0km s-min=6.8km

IDC 09 15:29:07.5, 2.5, 15:31N, 94:19W, h50km, 24km, mb4, 1/30, s-min=6.4, 3.2, M/L2, Error ellipse: s-maj=21.9km s-min=8.9km az=58.0

ISC 09 15:29:05.4, 0.6, 15:14N, 0:06-94:53W, 0:07, h37km, 11km, h37km, pp-P, n303, c19127/253, mb4, 8/86, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCIG Comitán, TLIG Tlapa, MTO3 Montecristo, etc.

Table with columns: WMOK Wichita Moun, Z51A Franklin, UREC San Jos de Ur, etc. Includes stations like WMOK Wichita Moun, UREC San Jos de Ur, Y49A Sincua Moun, etc.

Table with columns: V12A Nelson, P18A Preston Nutter, OSIM Queen of Sheba, etc. Includes stations like V12A Nelson, P18A Preston Nutter, OSIM Queen of Sheba, etc.

Table with columns: YHL, HLID, B35A, J08A, PLID, ULM, BOAV, BOAV, BOAV, YBH, F10A, ETMB, H4M, H04A, NEW, LON, SAML, SAML, SAML, FFC, FFC, FFC, LPFZ, LPFZ, LPFZ, ITTB, VILB, VILB, PB09, NPGB, MCBP, SCH0, LVC, LVC, LVC, LVC, CLDB, CLDB, PTBL, PTBL, PTBL, BBS0, BBRB, SALV, YKA, PP1B, BDNQ, AQDB, AQDB, ARAG, SMTB, CFA, N32M, N32M, AMBA, CPUP, CPUP, BDFB, BDFB, SDBA, M29M, M29M, JANB, M26K, M26K, K27K, INK, INK, INK, KLU, KLU, J26L, J26L, PLCA, PLCA, PLCA, J25K, J25K, HDA, LL01, ILAR, RND, TRQA, COLA, COLA, RSO, H24K, H24K, I23K, BPWA, CAST, CAST, MLY

Table with columns: MLY, AY01, K20K, K20K, RIB01, ESDC, ESDC, ESDC, NB2, NOA, ARCS, KOWA, CLL, CLL, GERES, FINES, TOR, WRA, ASAR, CMAR, SNET, NEIC, MOS, MEX, GCM, ITT, VILB, VILB, PB09, NPGB, MCBP, SCH0, LVC, LVC, LVC, LVC, CLDB, CLDB, PTBL, PTBL, PTBL, BBS0, BBRB, SALV, YKA, PP1B, BDNQ, AQDB, AQDB, ARAG, SMTB, CFA, N32M, N32M, AMBA, CPUP, CPUP, BDFB, BDFB, SDBA, M29M, M29M, JANB, M26K, M26K, K27K, INK, INK, INK, KLU, KLU, J26L, J26L, PLCA, PLCA, PLCA, J25K, J25K, HDA, LL01, ILAR, RND, TRQA, COLA, COLA, RSO, H24K, H24K, I23K, BPWA, CAST, CAST, MLY

Table with columns: TEIG, CRIN, CRIN, CRIN, MATN, ROAB, ACON, ORTO, DUNO, ESPN, JTS, JTS, JTS, JTS, SOCE, COVE, JACO, LCR2, RIMA, BATAN, PEZE, SREB, 833A, 833A, 833A, 833A, 833A, 735A, 735A, 735A, RGMO, CDTO, BRU2, HKT, HKT, HND0, DRIO, HNLV, 435B, 435B, 435B, 435B, JCT, JCT, JCT, JCT, SAND, SAND, TXAR, TXAR, TXAR, TX31, BRDY, BRDY, NATX, BCIP, BCIP, BCIP, SLBS, OZNA, OZNA, 237A, WHTX, WHTX, WHTX, WHTX, 061Z, ALPN, FW13, FW13, FW14, FW14, FW16, FW16, VBMS, VBMS, SGGY, SGGY, FW07, FW07, FW06, FW06, ABTX, ABTX, ABTX, Z38A, Z38A, FW03, PECS, PECS, 425A, DWPF, 241A, 238A, 146A, ODSA, ODSA, SN01, WLP1, 250A, APMT, APMT, 352A, 352A, WFTS, WFTS, POST, POST, LOOK, LOOK, Z47A, MINTX

9d 15h

Table with columns: Station, Frequency, Power, Class, and other metrics. Includes stations like MNTX, DKN5, LRAL, Y45A, X40A, MIAR, X37A, X34A, UALR, WMOK, 152A, LCBG, GTBY, OXF, OXF, OXF, APAC, MSTX, MSTX, FNO, WHAR, Y49A, OKCSW, X48A, AMTX, AMTX, AMTX, DEOK, DEOK, OK029, CSTR, TUL3, TUL3, TUL3, PLAL, OK031, FCAR, OK052, 319A, OK033, 121A, 121A, QUOK, QUOK, GOLG, EGIS, U40A, U40A, GRIC, OK048, OK051, CROK, U32A, OK038, DUN6, Y22A, NOKA, WVT, KAN13, PBMO, KAN09, KAN01, T42A, ANMO, ANMO, ANMO, PAPH, PAPH, TUC, TUC, TUC, NHSC, S39A, PAC1, TKL, TKL, TKL, OTAV, OTAV, OTAV.

2017 SEP

Table with columns: Station, Frequency, Power, Class, and other metrics. Includes stations like TULM, CCM, CCM, CCM, R40A, SDDA, R32A, R32A, ROSC, ROSC, ROSC, ROSC, R214A, KMSC, KMSC, SLOR, T25A, BETH, BETH, KSU1, KSU1, CBKS, CBKS, W18A, Q44A, Q44A, OLLI, SDCO, SDCO, KSCO, KSCO, S22A, P43A, BLO, MVCO, MVCO, WUAZ, SDV, SDV, SDV, SDV, BOSC, BOSC, P46A, Q24A, GLA, GLA, GLA, GLA, BLA, N38A, N35A, N41A, HDIL, PDMCI, P49A, GUVV, BC3, ISCO, IRM, MONP2, OGNE, O48B, SCIA, SCIA, SCIA, TPFO, PFO, PFO, P52A, GMRC, L42A, L42A, N23A, K38A, K38A, O20A, HEC, TUQ, JFWS, JFWS, JFWS, JFWS, BFSC, GSC.

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Table with columns: Station, Frequency, Power, Class, and other metrics. Includes stations like SJG, SJG, SJG, ATAH, ATAH, ATAH, N53A, ECSD, ECSD, QSM, SNCC, LRMC, I37A, TPNV, WCT, WCT, M53A, MPMC, K22A, SPR3, SPR3, R11B, GRAC, CWC, SPWN, SPMN, HWUT, PDAR, PDAR, PCRV, PCRV, GLMI, GLMI, ID05, ID05, OMMB, MDPB, ELK, ELK, NVAR, NVAR, NVAR, COWI, REDW, MEDO, E38A, E38A, E38A, E28A, E28A, E28A, TBTG, SGLCB, RLMT, RLMT, SADO, SADO, CZSB, LAO, LAO, LAO, EYMN, EYMN, EYMN, HLID, AGMN, AGMN, AGMN, FDF, FDF, B35A, NNA, NNA, MPOM, BOZ, DLMT, LONY, J08A, PLID, EGMT, ULM, ULM, ULM, MSO, TRQ, YBH, F10A, BOAV, BOAV, BOAV.

Table with columns for station call letters, name, frequency, power, and other technical details. The table is organized into two main sections: stations 685-975 and stations 975-1275. Each row contains a call sign, station name, frequency, power, and various technical parameters like SNR and antenna type.

9d 15h

2017 SEP

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Table with columns for station code, name, elevation, and various performance metrics. Includes stations like COLA College, CIGO, UAF Yank, etc.

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like G22K Bettles, N17K Nushagak Hills, VAS01 Vascauras-RJ, etc.

Table with columns for station code, name, elevation, and various performance metrics. Includes stations like F14K Arctic Creek, ALE Alert, DBG Daneborg, etc.



Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like BLS5, ARF, DOMB, STOK, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like BRG, BERGI, BRG, BRG, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like MODS, JAVC, SMOL, TOAO, etc.

9d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MBAR Mbarara, KSH Kashi, KSH comp-Z, 190nm, 18.6s, etc.

NNC 09 15:33:16.3-10.0, 36.98N-70.77E, h0km, mb3.7, mpv3.4, 3C-3D, Error ellipse: s-maj=107.9km s-min=68.7km az=136.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayush, AML 0.5nm, 0.5s, KK31 Karatay Array, etc.

NOU 09 15:37:46.5, 15.24S-167.72E, h18km, MLV4.3/13, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LIFUNC LIFOU, ROUNC Koumac, New Ca, etc.

IDC 09 15:40:09.9-1.7, 15.65N-95.01W, h0km, mb3.5/4, mbtm3.5/5, ML3.4/1, Error ellipse: s-maj=46.5km s-min=35.0km az=22.0

MEX 09 15:40:13.2-0.8, 15.21N-94.96W, h5km, 44km, MD3.8, 15.40N-94.87W, h2km, 16km, n15, r153/21, mb3.5/4, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NILT Santiago Nilte, HUIG Huatulco, HUIG Huatulco, etc.

2017 SEP

ASAR Alice Springs 133.47 252 PKP 15 59 28.5 +0.6
CMAR Chiang Mai Arr 143.76 337 PKP 15 59 45.4 -0.2

IDC 09 15:58:47.6-6.4, 35.26N-106.56E, h0km, mb3.3/3, mbtm3.3/3, MS3.7/1, Error ellipse: s-maj=587.0km s-min=30.1km az=48.0, Gansu

IDC 09 16:10:21.4-2.1, 11.68S-163.73E, h0km, mb3.4/3, mbtm3.7/4, ML5.2/1, Error ellipse: s-maj=45.1km s-min=34.4km az=149.0, Bougainville-Solomon Islands region

DJA 09 16:13:19.6-0.5, 11.5S-4\*11'2E, h10km, M4.1/15, mb4.2/5, mb4.9/2, MLV4.0/15, Mw(MB)4.2/2, South of Java

NEIC 09 16:21:06.3-2.0, 15.19N-0.08-94.55W-0.05, h39km, 11km, mb4.4/95, MD4.1/10(MEX), Error ellipse: s-maj=11.9km s-min=7.1km az=181.0

MEX 09 16:21:07.3-0.9, 15.26N-94.58W, h12km, 16km, MD4.1, IDC 09 16:21:08.5-3.6, 15.17N-94.29W, h56km, 32km, mb3.9/11, mbtm3.4/11, ML3.7/2, MS3.7/10, Error ellipse: s-maj=38.0km s-min=13.6km az=52.0

GCG 09 16:21:19.4-3.4, 15.87N-93.43W, h80km, MD4.8, ISC 09 16:21:04.1-2.0, 15.18N-0.05-94.52W-0.04, h29km, 15km, n160, r166/157, mb4.4/30, MS3.6/10, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NILT Santiago Nilte, HUIG Huatulco, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MATN Matagalpa, BOAB BOAC BROADBAND, ORTC Ortega, 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 OZNA Ozona, WHXY Lake Whitney, ALPN Alpine, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Idaho Springs, Dark Hollow, Henry Mountain, Pinyon Flats, etc.

IDC 09 16:40:39.5-0.8, 15.14N-94.63W, h0km, mb4.1/11, mbmp4.1/12, ML2.8/1, MS3.5/10, Error ellipse: s-maj=27.2km s-min=14.5km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Huatulco, Santiago Nilte, Dulce Nombre, Rio Macha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aspermont, Witchita Falls, Cornudas Mount, Lakeview Retre, etc.

IDC 09 16:40:42.6-0.6, 15.11N-0.06-94.92W, 0.04, h22km, n104, r157/105, mb4.3/26, MS3.4/9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Great Sand Dun, Santo Domingo, Mesa Verde, Wualpa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAV, WRA, ASAR, ASAR, STKA, MKAR, ZALV, FINES, etc.

IDC 09 17:22:39.6-1.2, 14.90N-94.32W, h0km, mb3.7/5, mbmp3.6/6, ML3.5/1, MS3.6/6, Error ellipse: s-maj=35.1km s-min=25.0km az=49.0

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

Table with columns for station name, frequency, mode, and other parameters. Includes stations like NEUV Arroyo Zacate, OXIG Oaxaca, VHO Vista Hermosa, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like OK052 Battle Ridge R, QUOK Quay, 121A Cookes Peak, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like ISCO Idaho Springs, AGPR Aguadilla, O49A Covington, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like NVAR, NOA, KRSC, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station identifiers like KIRR, BZP, BZMR, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station identifiers like TIXI, TIKSI, J14K, etc.



Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MNTX Cornudas Mount, GNI Garni, 425A Indio Mountain, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ATAH Atahualpa, NNA Nana, TXAR Lajitas Array, etc.

DJA 09 18:40:38.4-0.9, 0.5s, 9.7E, h10km, M4.5/11, mb5.6/1, MLV3.9/11

ICC 09 18:40:42.4-3.0, 0.06S: 97.57E, h0km, mb3.7/5, mbmp3.7/6, Error ellipse: s-maj=131.3km s-min=20.3km

ISC 09 18:40:43.1-2.0, 0.23S: 0.09: 97.1E: 0.1, h22km, n28, s181/17, mb3.8/5, Southwest of Sumatera

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PBSI Pulau Batu, GSI Gunungsitoli, SISI Sibai, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, STKA Stephens Creek, ZALV Zalesow Beam, etc.

NEIC 09 18:50:43.4-1.6, 15.8N: 0.1: 94.4W: 0.1, h57km, 10km, mb4.4/83, Error ellipse: s-maj=20.6km s-min=12.5km az=46.0

ICC 09 18:50:52.1-2.9, 16.71N: 94.16W, h89km, 26km, mb3.8/13, mbmp4.1/15, MS3.7/1, Error ellipse: s-maj=33.1km s-min=13.2km az=52.0

ISC 09 18:50:42.4-0.9, 15.77N: 0.1: 94.5W: 0.1, h50km, n134, s108/111, mb4.4/29, MS3.7/14, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HUEH Huehuetenango, RTAL Retalhuleu, PETF Flores, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like OZNA Ozona, WHTX Lake Whitney, FW13 Cleburne, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like W35A Tecumseh, MSTX Muleshoe, FNO Franklin, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like OK051 Popayan, CROK Carrier, OK038 West end E037, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like T35A Sooner Cattle, OK032 Salt Plains WL, DUN6 Lazy B Ranch, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GARC Garzon, Hulla, RUSC La Rusia, CHIC Chicago, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like W12A Nelson, MTPU Mount Pierson, PRN Pahroc Range, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like U15A North Rim, PFO Pinyon Flats, W12A Nelson, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MDPB Devils Postpile, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like REDW Red Top Meadow, HLID Halley, AGMN Agassiz Station, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NNA Nana, DLMT Dillon, J08A Circle Bar Ranch, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PLID Pearl Lake, ULM Lac du Bonnet, YBH Yreka Blue Hor, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NEW Newport, ETMB Xtrema, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, MDP Montagnes des, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MIMPY Sheldon Lake, BDFB Brasilia, INK Iniqua, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, TRF Thorafore Moun, MLY Manley, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NB2 NORARS Subarra, NOA NORARS Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GERES GERES Array B, VAE Valparaiso, SJA 09 19:16:27.9, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GUC 09 19:16:29.0, GUC 09 19:16:30.2, etc.

9d 19h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chusmiza, IPOC Station P, Humberstone, etc.

ADC 09 19:22:43.1±0.8,55°30N,157°40W,h0km,mb4.5/24, mbmp4.5/27,ML4.4/3,MS3.7/47,Error ellipse: s-maj=20.3km s-min=12.9km az=175...

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chirikof Island, Chignik, etc.

2017 SEP

Main table with columns: CHGN, S, Sb, Azimuth, Phase, ID, Time, Res. Lists numerous stations and their coordinates.

694

Table with columns: M15K, S, Sb, Azimuth, Phase, ID, Time, Res. Lists stations like Kasigluk River, North Crescent, etc.



Table with columns: ID, Name, Date/Time, P, N, Pn, R, S, Value, and other metrics. Includes entries like H20K Anotleneega Mo, G16K Koyuk River, BCDM Bancroft Point, etc.

Table with columns: ID, Name, Date/Time, P, N, Pn, R, S, Value, and other metrics. Includes entries like NEW Newport, PET Petropavlovsk, PEAOB Petropavlovsk, etc.

Table with columns: ID, Name, Date/Time, P, N, Pn, R, S, Value, and other metrics. Includes entries like TX31, TXAR Lajitas Array, TXAR Lajitas Array, etc.

9d 20h

Table of astronomical observations for 9d 20h, listing station names (e.g., MK31, MKAR), object names (e.g., Makanchi Array), and various parameters like magnitude, position, and error.

2017 SEP

Main table of astronomical observations for 2017 SEP, listing station names (e.g., BUR08, BURAR), object names (e.g., Bucovina Arr.), and various parameters like magnitude, position, and error.

696

Table of astronomical observations for 696, listing station names (e.g., WRA, ASAR), object names (e.g., 0.3nm, 0.4s), and various parameters like magnitude, position, and error.

Table listing various locations (e.g., CCIG Comitán, YOUNG Yotaludá) with associated data points including coordinates, status, and other identifiers.

Table listing various locations (e.g., CBOC Ciudad Bolívar, 121A Cooke Peak, 121A Cooke Peak) with associated data points including coordinates, status, and other identifiers.

Table listing various locations (e.g., SCIA State Center, HMU Henry Mount, P52A Corning) with associated data points including coordinates, status, and other identifiers.

Table with columns: ID, Name, Date, Time, Az, El, Status, etc. Rows include stations like MDND Maddock, HLID Hailey, AGMN Agassiz Nation, etc.

Table with columns: ID, Name, Date, Time, Az, El, Status, etc. Rows include stations like M29M comp=Z,12nm,1.0s, L29M comp=Z,127,SNR=5.1, etc.

Table with columns: ID, Name, Date, Time, Az, El, Status, etc. Rows include stations like BMAR Burnt Mountain, P19K Ohi Pt, CHIR Chirikof Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like EUNU Eureka, M15K Kasigliuk River, G19K Purco Mouna, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like WRA Warramunga Arr, PZH PanZhiHua, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like 121A Cookes Peak, PFO Pinyon Flats, ATAH Athualpa, etc.

Table with columns: JNU, Nakatsue, 15.47 317 P, Pn, 20 52 41.7 -0.3, etc.

IDC 09 20:50:46.2.0.5, 27:68S, 177:56W, h147km, 4km, mb4.2/11, mtimp4.6/14, MS3.5/6, Error ellipse: s-maj=14.5km

NEIC 09 20:50:47.3.2.1, 27:73S, 0:10, 177:6W, 0.1, h147km, 6km, mb4.9/58, Error ellipse: s-maj=17.6km s-min=13.2km

NOU 09 20:50:48.5, 28:30S, 177:35W, h178km, mb4.9/47, Keradec Islands Region

ISC 09 20:50:47.5.0.4, 27:74S, 0:05, 177:64W, 0:05, h155km, 3km, h155km, pp-P, n230, 0:188/217, mb4.8, 64, 5C, Keradec Islands region

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

Main table with columns: QLP, Quilpie, 33.86 263 P, P, 20 57 15.4 0.0, etc.

Main table with columns: H03S1, Juan Fernandez, 81.68 124 T, T, 22 33 12.6, etc.

IDC 09 20:52:56.2.6.0, 36:13N, 70:91E, h189km, 57km, mb3.2/3, mtimp3.6/6, MS3.2/2, Error ellipse: s-maj=69.3km

ISC 09 20:53:00.1-1.8,36.5N:0.1-70.7E:0.1,h200km,n18,  
+r136/21,SC-2D,Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Almayashu, Uchto, Karatay Array, Erkin-Say, etc.

ISC 09 21:18:04.6:2.0,37.19N:143.54E,h0km,mb3.6/2,  
mbtm3.5/4,ML3.0/2,MS2.4/1,Error ellipse: s-maj=41.1km  
s-min=33.0km az=26.0

NIED 09 21:18:07.7:37.15N:143.39E,h55km,MW3.5,Moment  
Tensor Solution, s-3 Moment tensor: Scale 10^14Nm;  
Mr=1.53; Mw=0.94; Ms=0.58; Ma=1.06; Mb=0.51; Mc=0.86;  
Fault plane solution: M1.830000/10^14 NP1:  
p270.00000°,s63.00000°,a-62.00000°. NP2:phi41.00000°,  
delta38.00000°,lambda-132.00000°

JMA 09 21:18:07.2:0.2,37.2N:0.6:14.3E:1,h55km,MV3.6/28,  
FAR E OFF FUKUSHIMA PREF

ISC 09 21:18:07.5:1.4,37.19N:0.05:143.53E:0.08,h35km,n20,  
+r156/29,Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Ishinomakikobu, Kawauchi, Ouri, Namamisoumatoc, etc.

ISC 09 21:35:04.8:2.7,0.47S:135.97E,h0km,mb3.6/3,  
mbtm3.5/4,ML3.4/1, Error ellipse: s-maj=128.2km  
s-min=26.7km az=76.0,Irian Jaya region

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

WEL 09 21:40:35.1:0.5,42.5S:47.2E:4,h5km,M2.6/5,ML2.9/6,  
ML2.6/5,Error ellipse: s-maj=0.0km s-min=0.0km  
az=141.3,confirmed,South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Denniston Nort, Matariki Terra, Tophouse, etc.

NEIC 09 21:45:47.9:1.7,15.78N:0.06:95.07W:0.4,h35km,13km,  
mb4.0/12,Md4.3/13(MEX), Error ellipse: s-maj=9.3km  
s-min=5.0km az=178.0

MEX 09 21:45:48.8:0.7,15.79N:95.10W,h57km,31km,Md4.3  
IDD 09 21:45:52.0:6.4,15.98N:94.64W,h65km,53km,mb3.6/3,  
mbtm3.7/4,ML3.4/1,MS3.6/1,Error ellipse: s-maj=61.6km  
s-min=27.0km az=23.0

ISC 09 21:45:46.3:1.7,15.78N:0.07:95.05W:0.04,h27km,n13km,  
n43,+r133/52,mb4.0/7,Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Santiago Nilte, Huatulco, Puerto Angel, etc.

BOAB IACO BROADBAND 21.26 16 P Iamb Iamb 21 49 35.6 -0.3  
WHTX Lake Whitney, 16.28 353 P Iamb Iamb 21 49 41.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Big Creek Wild, Lakeview Retre, Clayton, etc.

ISC 09 22:16:23.6:6.4,31.88S:179.94W,h37km,70km,mb3.3/4,  
mbtm4.1/5,Error ellipse: s-maj=75.6km s-min=37.7km  
az=6.0

ISC 09 22:16:25.9:1.7,31.9S:0.1:179.8E:0.2,h350km,n9,  
+r102/10,mb3.7/6,3C,Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Urewera, Charters Tower, Alice Springs, etc.

GUC 09 22:17:49.5:0.6,36.07S:73.81W,h27km,32km,ML3.9  
NEIC 09 22:17:51.3:1.7,36.15S:0.05:73.6W:0.2,h25km,8km,  
mb4.3/6,ML3.9(GUC),Error ellipse: s-maj=18.5km  
s-min=6.7km az=92.0

ISC 09 22:17:47.6:2.1,36.04S:0.06:73.81W:0.10,h4km,13km,  
n41,+r102/47,mb4.2/3,3C-3D,Near coast of central  
Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Punta Hualpén, Hualpén, San Pedro de C, etc.

VA05 Santo Domingo 2.98 38 Ph Pn 21 18 34.9 -0.8  
VA05 Santo Domingo 2.98 38 eS Sn 21 18 34.5 -1.2  
VA05 Santo Domingo 2.98 38 eS Sn 21 19 09.2 -2.7  
VA05 Santo Domingo 2.98 38 IAML 21 19 13.6

VA05 comp=N,209nm,0.4s IAML 22 19 17.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Talagante, La Punta, Curacav, etc.

ISC 09 22:19:02.3:1.4,36.93N:27.67E,h0km,mb3.6/4,  
mbtm3.5/5,ML3.0/1,MS3.2/1,Error ellipse: s-maj=43.3km  
s-min=19.4km az=149.0

DDA 09 22:19:02.9:0.0,36.99N:27.64E,h7km,4km,MW3.6  
ISK 09 22:19:03.2:37.01N:27.65E,h11km,ML3.4/2  
ATH 09 22:19:03.6:37.01N:27.67E,h9km,3km,ML3.3/4,Error  
ellipse: s-maj=3.7km s-min=1.4km az=225.0  
THE 09 22:19:03.5:37.00N:27.68E,h12km,2km,ML3.3/5,Error  
ellipse: s-maj=2.2km s-min=0.8km az=206.0

ISC 09 22:19:03.7:0.8,37.02N:0.02:27.65E:0.01,h10km,5km,  
n67,+r085/105,mb3.5/4,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Mazikoy-Bodrum, Kayabasi, Bodrum, etc.

KLNA comp=N,3113qm,0.2s AML AML 22 19 26.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Aydin, Didim, Nisiro, etc.

AYDN Tasuluk 0.67 16 P S Sg 22 19 16.8 +0.2  
AYDN G?zelcaml? 0.76 334 P G Pg 22 19 18.5 +0.3  
GCAM G?zelcaml? 0.76 334 P G Pg 22 19 18.5 +0.3  
GCAM G?zelcaml? 0.76 334 P G Pg 22 19 17.9 -0.3  
DALY Dalyan (Mula) 0.83 104 P G Pg 22 19 19.5 -0.2  
DALY Dalyan (Mula) 0.83 104 P G Pg 22 19 19.7 +0.2  
ARG Arkhangelos 0.89 154 P G Pg 22 19 20.2 -0.6  
ARG Arkhangelos 0.89 154 P G Pg 22 19 32.9 -0.3  
ARG Arkhangelos 0.89 154 P G Pg 22 19 31.8 -0.6

SMG comp=E,5938qm,0.6s 0.94 317 P S Pg 22 19 21.0 -0.8  
SMG comp=E,24m,0.5s 22 19 35.4 +0.7  
SMG Samos 0.94 317 P P Pg 22 19 21.6 -0.2  
TAVA DENIZLI Tavass 1.11 66 P P Pg 22 19 24.7 -0.3  
DGB zmir 1.20 330 P P Pg 22 19 30.2 +0.9  
DGB Fethiye 1.22 108 P P Pg 22 19 39.2 -0.7  
FETY Fethiye 1.22 108 P P Pg 22 19 26.8 -0.2  
FETY Fethiye 1.22 108 P P Pg 22 19 40.0 +0.6  
DNIZ Denizli-Tavas 1.27 61 P P Pg 22 19 27.5 -0.2  
DNIZ Denizli 1.27 61 P P Pg 22 19 42.1 -2.0  
CAEL Camel-Denizli 1.33 93 P P Pg 22 19 28.0 -0.5  
CAEL Denizli, Camel 1.34 85 P P Pg 22 19 30.1 +0.7  
CAEL Camel 1.34 85 P P Pg 22 19 46.8 -0.3  
APMY Acipayam-Deniz 1.40 71 P P Pg 22 19 30.2 -0.1  
APMY Acipayam-Deniz 1.40 71 P P Pg 22 19 48.1 -0.5  
IZZE Mula-Seydiye 1.40 114 P P Pg 22 19 50.0 +1.4  
BLCB Balçova 1.45 341 P P Pg 22 19 29.6 -0.3  
ZEVE Izmir, Urla-Ze 1.52 324 P P Pg 22 19 28.8 -2.2  
ZEVE Karpatos 1.52 195 P P Pg 22 19 48.4 -2.3  
KARP Karpatos 1.52 195 P P Pg 22 19 30.2 -0.4







Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PFO Pinyon Flats O, IRM Iron Mountain, R33M Jennings River, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like N15K Kwethluk River, J20K Nowinta River, J19K Poorman, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BMO Blue Mountains, NVAR Mina Array, ELK Elk, etc.

Technical notes and coordinates for stations BMO, NVAR, ELK, WCT, FXWV, PDAR, TXAR, H1N3, H1N2, H1N1, H1S1, H1S2, H1S3.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NILT Santiago Nite, NING Ningo, HUIG Huatulo, etc.

Table with columns: Code, Station Name, Az, Op, Phase, I, S, C, Time, Res, ISC, h, m, s, ISC. Includes stations like U38A, YOTOC, JAMUNDI, etc.

Table with columns: Code, Station Name, Az, Op, Phase, I, S, C, Time, Res, ISC, h, m, s, ISC. Includes stations like NILT, HUIG, HUIG, etc.

Table with columns: Code, Station Name, Az, Op, Phase, I, S, C, Time, Res, ISC, h, m, s, ISC. Includes stations like PEIG, CCIG, RTAL, etc.

10d 1h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like BNM, BBAC, NORC, POPC, KAN17, etc.

IDC 10 01:11:06.274.15.91N:94.46W, h54km, s-maj=63.6/8, mbtmp3.9/9, ML3.8/1, MS3.3/1, Error ellipse: s-maj=69.3km s-min=27.5km az=18.0

MEX 10 01:11:09.304.16.88N:94.75W, h79km, s-maj=63.6/8, NEIC 10 01:11:09.304.16.88N:94.75W, h79km, s-maj=63.6/8, mbtmp3.9/9, ML3.8/1, MS3.3/1, Error ellipse: s-maj=69.3km s-min=27.5km az=18.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like UXUV, TGIG, TGIG, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like PETF, UNM, ESQI, MTEG, etc.

SJA 10 01:31:16.71e.13.31:94S:69.97W, h109km, s-maj=8km, ML3.3, MV3.6

GUC 10 01:31:17.30.8.31:99S:70.18W, h117km, s-maj=8km, ML3.5

ISC 10 01:31:17.41.5.31:96S:00.03:69.97W, 0.04, h115km, s-maj=12km, n40, 0971/64, 2C-1D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like RTLS, VA03, VA03, etc.

706

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like FCH, RTLL, AAGR, etc.

IDC 10 01:42:05.2.3.4.17.67S:178.65W, h601km, s-maj=210.1km s-min=21.6km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like MSVF, WRA, ASAR, etc.

NEIC 10 01:51:25.9.2.1.14.95N:0.09:94.38W, h52km, s-maj=12.6km s-min=6.7km az=183.0

MEX 10 01:51:27.8.0.8.15.09N:94.41W, h6km, s-maj=24km, MD4.3

GCG 10 01:51:34.2.1.6.14.30N:93.87W, h50km, s-maj=53km, MD4.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like NILT, HUIG, HUIG, etc.



10d 3h

Table with columns for station name, SNR, and various parameters. Includes stations like QRD, IHR, BLQ, ALIB, KDMR, etc.

2017 SEP

Main table with columns for station name, SNR, and various parameters. Includes stations like ISFR, IEMG, IAKL, IPAY, etc.

708

Table with columns for station name, SNR, and various parameters. Includes stations like PEIG, PEIG, PEIG, OCIG, etc.







Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like M53A WI Miller and, SNCC San Nicolas Is, LPMC Laurel Mtn Rad, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like E28A Huff, E43A Lone Tree Farm, WSP Westport, CT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EGMG Eagleton, TRQ Mont Tremblant, BMO Blue Mountains, etc.

Table with columns: Station, Coordinates, Azimuth, Elevation, Azimuth Error, Elevation Error, Signal-to-Noise Ratio (SNR), and other station-specific data.

Table with columns: Station, Coordinates, Azimuth, Elevation, Azimuth Error, Elevation Error, Signal-to-Noise Ratio (SNR), and other station-specific data.

Table with columns: Station, Coordinates, Azimuth, Elevation, Azimuth Error, Elevation Error, Signal-to-Noise Ratio (SNR), and other station-specific data.

Table with columns: Station ID, Name, Value 1, Value 2, Status 1, Status 2, Value 3, Value 4, Value 5. Includes stations like M23K Glacier View, SEW Seward, KNK Knik Glacier, etc.

Table with columns: Station ID, Name, Value 1, Value 2, Status 1, Status 2, Value 3, Value 4, Value 5. Includes stations like TRQA comp=Z,104nm,1.5s, TRQA Tornequist, Q19K Cape Douglas, etc.

Table with columns: Station ID, Name, Value 1, Value 2, Status 1, Status 2, Value 3, Value 4, Value 5. Includes stations like N18K Kilae Creek, ANGG Ammassalik, GR ANGG Ammassalik, etc.





10d 3h

Table with columns: MDJ, comp-Z, IAMS, IAMS\_20, IAMS\_20, 04, 19, 05.8, etc. Includes stations like MUJiang, Hialar, Kislovodsk, etc.

2017 SEP

Table with columns: SSSLB, Suanglung, 127.90 317, IAMS\_20, IAMS\_20, 04 19 05.8, etc. Includes stations like FURI, GOMU, GOMU, etc.

716

Table with columns: DAT, Datca, 0.66 244, P, S, I/AML, etc. Includes stations like BDRM, FETY, AYDN, etc.



Table with columns for station code, name, frequency, power, antenna, and coordinates. Includes stations like C36M Paulatuk, C36M Paulatuk, WHY Whitehorse, etc.

Table with columns for station code, name, frequency, power, antenna, and coordinates. Includes stations like ISCO comp=Z,3.0nm,0.9s, ISCO Idaho Springs, etc.

Table with columns for station code, name, frequency, power, antenna, and coordinates. Includes stations like SN01 Snyder 1, SN01 Aspermont, WFTS Witchita Falls, etc.

MOS 10 03:50:05.4e 1.2, 38.26N:141.72E, h61km, mb4.7/11, Error ellipse: s-maj=10.6km s-min=8.7km az=104.9

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IJKH Ishinomakikobu, IJKH Ishinomakikobu, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMM Marumori, JMM Marumori, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOK Kawachi, JOK Kawachi, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLA Vladivostok, VLA Vladivostok, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENH Enshi, ENH Enshi, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, H11S2 WAKE ISLAND, etc.

KRSC 10 03:57:49.71 ± 2.1, 53.78N; 169.46E, h37km, 63km, M4.0
IDC 10 03:57:51.0 ± 2.1, 53.60N; 169.53E, h0km, mb2.9,
mbmp3.2/4, ML3.3/2, Error ellipse: s-maj=62.6km
s-min=27.0km az=7.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, MKZ Mys Kozlova, etc.

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

JMA 10 04:09:31.2 ± 0.3, 43.77N; 170.14E, h31km, MV3.6/29, E
OFF HOKKAIDO
SKHL 10 04:09:32.0 ± 0.0, 43.70N; 147.20E, h43km, 6km, mb4.7/3
ISC 10 04:09:31.8 ± 0.3, 43.71N; 108.147E; 0.08, h36km, 3km,
n17, c677/25, Kuril Islands

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

IDC 10 04:10:11.9 ± 0.8, 14.00N; 145.03E, h186km, 3km, mb3.2/10,
mbmp3.7/10, Error ellipse: s-maj=39.3km s-min=13.8km
az=66.0

NEIC 10 04:10:13.3 ± 2.4, 14.09N; 08.144E; 0.2, h184km, 6km,
mb4.3/10, Error ellipse: s-maj=23.9km s-min=10.1km
az=102.0

ISC 10 04:10:13.0 ± 0.7, 14.13N; 07.144E; 0.2, h200km, n23,
c196/26, mb3.6/15, Mariana Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsau, AFJ Aftamau, STKA Stephens Creek, etc.

NEIC 10 04:28:20.7 ± 1.3, 15.39N; 010.94E; 0.05, h48km, 25km,
mb4.0/11, MD4.4/13(MEX), Error ellipse: s-maj=14.2km
s-min=6.7km az=187.0

MEX 10 04:28:22.0 ± 0.4, 15.38N; 94.82W, h13km, 11km, MD4.4
ISC 10 04:28:20.1 ± 0.1, 15.39N; 07.9480W; 0.04, h37km, n35,
c1956/41, Near coast of Oaxaca

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

NEIC 10 04:43:53.6 ± 2.5, 15.27N; 08.94E; 0.03, h38km, 20km,
mb4.1/11, MD4.6/16(MEX), Error ellipse: s-maj=12.2km
s-min=3.7km az=192.0

MEX 10 04:43:57.0 ± 0.6, 15.51N; 94.87W, h24km, 164km, MD4.6
ISC 10 04:43:55.1 ± 1.5, 15.34N; 05.9484W; 0.03, h39km, 3km,
n35, c1930/48, Near coast of Oaxaca

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

10d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Cane Creek, Wichita Moun, Harrisburg, Quoy, Otava, El Rosal, Rowland.

IDC 10 04:50:25.5:1.2, 16.00N:95.07W, h0km, mb,4.1/7, mbmp4.0/9, ML4.1/1, MS3.7/2, Error ellipse: s-maj=55.6km s-min=18.1km az=52.0

NEIC 10 04:50:32.7:2.0, 15.75N:0.08:95.09W:0.04, h34km,3km, mb,4.1/13, Md4.1/13(MEX), Error ellipse: s-maj=11.9km s-min=5.5km az=176.0

MEX 10 04:50:34.9:0.9, 15.71N:95.08W, h27km,22km, MD4.1

ISC 10 04:50:32.8:1.0, 15.76N:0.06:95.10W:0.04, h53km,11km, n48, c1905/54, mb,0.0/8, Near coast of Oaxaca

Main station list table for the first section, including stations like Nilte, Huatulco, Puerto Angel, Escondido, Comitan, Huehuetenango, Retalhuleu, Flores, Esquipulas, Montecristo, Serv Nac Est T, Tegucigalpa, JN, Matagalpa, Las Juntas de, Hondo, Lajitas Array, Oznata, Alpina, Abilene, Hawle, Aspermont, Witchita Falls, Clayton, Smith Ranch, Muleshoe, Amarillo, Caldwell North, El Rosal, Mina Array, Yreka Blue Hor, La Paz, San Ignacio, Brasilia, Inuvik, Paso Flores, Jan Mayen, Somesca Array, Hotham Inlet.

IDC 10 04:54:18.0:0.8, 67.83N:173.18W, h0km, mb,3.8/18, mbmp3.9/20, ML3.6/2, MS3.4/1, Error ellipse: s-maj=30.1km s-min=13.1km az=21.0

NEIC 10 04:54:18.2:0.6, 67.56N:0.08:173.4W:0.3, h10km,1km, mb,4.1/15, Error ellipse: s-maj=16.8km s-min=13.0km az=27.0

NERS 10 04:54:23.5:0.0, 67.58N:174.64W, h0km

ISC 10 04:54:19.0:0.5, 67.66N:0.06:173.12W:0.04, h10km, n197, c1926/201, mb,4.1/25, Near north coast of eastern Siberia

Main station list table for the second section, including stations like Tin City, TNA, Lisburne Hills, Arctic Creek, DeLong Moun, Red Dog Mine, Red Dog Mine, North Star Dit, Gambell, Hotham Inlet.

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Main station list table for the second section, including stations like Nome, Niukluk, Utukok River, Anadyr, Baldwin Pennin, Tukpahleark, Koyuk River, Lookout Ridge, Elim, Selawik, Kivalik Moun, Kuna River, Granite Moun, Tagawik, Shalerucik Mo, Redstone River, Meade River, Etluk River, Unalakleet, Navrananak Lak, Nigu River, Honhosa River, Purill Moun, Kusilvak Moun, Anvik River, Kniefblade Rid, Roundabout M, Ikpikpuk River, Killik River, VABM Dome, Sinclair Lake, Anoteneega Mo, Ayilyak River, Allakaket, Kukka Creek, Ungalik Moun, Indian Moun, Iditarod, Innoko River, John River, Anaktuvuk Pass, Naaghdeneel, Poorman, Melozitna River, Melozitna Rive, Owhat River, Namushuk River, Iktilik River, Bethel, Nowinta River, Nowinta River, Tatina, Tatina, Ishaltina Cre, Coldfoot, Tanana, Tanana, Toolik Lake Re, Toolik Lake Re, Granite Moun, Chandalar, Telida, Telida, Franklin Bluff, Kuskokwak Cree, Yukon Cree, Lake Minchum, Manley, Manley, White Mountain, Yukon River, Squaw Lake, Castle Rocks, Castle Rocks, Bear Paw Mtn, Bear Paw Mtn, Minn Yukon-K, Big River Lodon, Kavik River, Purkeypile, Nushagak Hills, Khatishna Hill, Noodor Dome, Noodor Dome, Nenana, Nenana.

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Main station list table for the third section, including stations like Kilae Cree, Kilae Cree, Styx River, Styx River, Thorofare Moun, Arctic Village, Camden Bay, Christian River, Kokwok River B, Bearman Lake, Clear Cree Bu, Skwentna, Jago River, Burrt Mountain, Reindeer, Eielson Array, Harding Lake, Koktuh Hills, Kivchak River, Susitna One, Big Mountain, Salcha River, Salcha River, Denali Highway, Denali Highway, King Salmon, Donnelly Dome, Malcolm River, Rabbit Creek A, Contact Creek, Joseph Creek, Sand Creek, HAARP, Mentasta, Mentasta, Karluk, Pine Creek, Pine Creek, Chitina, Valde, Kodiak Island, Nabesna, AK, Beaver Creek, Beaver Creek, Beaver Creek A, Omsukchan, Edge Creek, Aoh Zraii Nji, Dawson, Sitkinak Plain, Atkin Islands, Inuvik, Seymchan, Seymchan, Somme Creek, Steele Glacier, Minto, Yukon, Minto, Yukon, Talbot Arm, Talaya, Shemya Is, Ala, Susuman, Wraggy, Dease Lake, Bozeman, Hailey, Indian Meadow, Elk, Pinedale Array, Pinedale Array, Agassiz Nation, Dugway, Tooele, Songino Array, Preston Tunnel, Mervsvalde.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo Array, Zalesovo Beam, Zalesovo Beam, FINESS Array B, etc.

ISC 10 05:01:45.1, 3.33, 47S=0.03, 67.72W=0.05, h7km, 11km, n18, r173/29, Mendoza Province

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Vizcacheras, Agrelo, Cerro Arco, Salagasta, San Rafael, Coronel Fontan, etc.

GCG 10 05:42:31.5, 0.4, 12.91N:89.95W, h165km, 24km, MD4.0 SNET 10 05:42:37.9, 12.82N:90.54W, h15km, ML3.5

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Nube Las Nubes, Jaya Jayaque - finc, San Blas, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ELK Elko, NVAR Mina Array Bea, SIV San Ignacio, etc.

ISC 10 05:51:24.9, 0.8, 14.88N:94.37W, h15km, 22km, MD4.1

ISC 10 05:51:27.7, 1.2, 15.10N:0.08, 94.27W, h0.06, h47km, 14km, mb4, 0/44, Md4, 1(B)/MX, Error ellipse: s-maj=11.8km

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NIIT Santiago Nilte, HUIG Huatulco, HUIG Huatulco, etc.

ISC 10 05:51:24.6, 0.8, 14.89N:94.36W, h0.05, h28km, n64, r193/64, mb3.9/10, Off coast of Chiapas

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BOAB BOACO BROADBAND, ORTEG Ortega, Juntas de, etc.

GCG 10 05:59:18.6, 0.7, 14.47N:92.28W, h63km, 11km, MD3.8 SNET 10 05:59:21.5, 10.0, 13.47N:92.00W, h24km, ML3.8, ML3.3

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FNO Franklin, MSTM Muleshoe, AMTX Amarillo, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SULM Retalhuleu, RTAL Retalhuleu, STG3 Santiago 3, etc.

SOME 10 06:05:57.6, 43.43N:82.25E, h20km NNC 10 06:06:00.1, 1.1, 43.48N:82.03E, h0km, mb3.9, mpv3.6

ISC 10 06:05:51.0, 2.5, 43.4N:0.1, 82.6E, 0.1, h10km, n37, r294/43, 4C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KTMS Ketmen, KTMS Ketmen, DJR Jarkent, etc.

10d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DGS, KRBS, KRBS, KRBS, KRBS, TKM2, TKM2.

IDC 10 06:18.48.6.1.1, 15.05N:54.89E, h0km, mb3.7/12, mbmp3.7/12, MS3.2/11, Error ellipse: s-maj=29.2km s-min=24.2km az=33.0

ISC 10 06:18.50.3.1.1, 15.11N:02.54.9E:0.2, h10km, n24, o099/13, mb3.7/12, MS3.1/10, Owen Fracture Zone region

Main station list for the 10d 7h period, including stations like WSAR, GEYT, GEYT, KMBO, MMAI, GNI, KBZ, MKAR, MKAR, KURBS, KIRV, ZALV, FINES, TORD, NOA, NOA, ESDC, ARCES, ARCES, KRSR, DAV, JNU, H01W3, H01W2, H01W1, WRA, ASAR, NVAR.

IDC 10 06:26.49.7.0.8, 15.15N:94.36W, h0km, mb4.0/14, mbmp3.9/16, ML3.3, MS3.5/5, Error ellipse: s-maj=26.0km s-min=14.5km az=53.0

MEX 10 06:26.51.2.0.6, 14.89N:94.83W, h16km, mb4.2, NEIC 10 06:26.55.9.2.2, 15.08N:09.94.54V:0.7, h39km, 2km, mb4.3/102, Md4.2/22(MEX), Error ellipse: s-maj=13.3km s-min=9.2km az=206.0

ISC 10 06:26.52.0.5.14, 19.7N:0.06:94.78W:0.04, h22km, n148, o179/136, mb4.3/47, MS3.3/4, Off coast of Chiapas

Main station list for the 10d 7h period, including stations like HUIG, HUIG, HUIG, NILT, NILT, TGIG, TGIG, TGIG, UXUV, UXUV, PEIG, PEIG, PEIG, OXIG, OXIG, VHO, VHO, CCIG, CCIG, RTAL, TUIG, HUEH, YOIG, YOIG, PMUJ, PMUJ, TOIG, TOIG, TLIG, TLIG, PETF, SCIG, MTO3, ESQJ, SNET, TGUH, CRIN, TEIG, TEIG, TEIG, MATH, ORTA, DUNO, JTS, JTS, LCR2, 833A, HKT.

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Main station list for the 2017 SEP period, including stations like HND0, HND0, DRIO, DRIO, HPIG, HPIG, JCT, SAND, SAND, TX31, TX31, TX32, TXAR, TXAR, BRDY, BRDY, NATX, NATX, OZNA, OZNA, ALPN, ALPN, SGCY, SGCY, 425A, SNO1, SNO1, APMT, APMT, Z47A, Z47A, MNTX, LRLAL, LRLAL, DKNKS, DKNKS, MIAR, X37A, X37A, UALR, UALR, W35A, CBOC, AMTX, AMTX, HELC, DEOK, FCAR, FCAR, OK052, 319A, 121A, FPAL, FPAL, QUOK, JAMC, GUY2C, OK048, OK051, BBAC, SWET, POPC, OK032, OK032, GC02, ORTC, SPCB, ROSC, PRAC, TUC, S39A, S39A, CGM3, TKL, TKL, PAMC, CHIC, RUSC, R40A, R40A, R32A, T25A, TZTN, MACC, WCI, WCI, X16A, P38A, SDCO, MVCO, WUAZ, P48A, P48A, HMU, L40A, L40A, PDAR, HVU, ID07, ELK, ELK, NVAR, NVAR, NVAR, ID08.

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Main station list for the 722 period, including stations like REDW, MOOW, GCMT, DLMT, J08A, J08A, PLID, PLID, ULM, ULM, ETMB, ETMB, J01E, NEW, SAML, LPAZ, LPAZ, OZB, SCHG, YKA, YKA, BDFB, M29M, M29M, YAH, PLCA, ILAR, ILAR, BMAR, MLY, MLY, ESDC, NB2, NOA, NOA, TORD, WRA, ASAR, ASAR.

TUL 10 07:13.56.4.0.4, 35.992N:0.008-96.804W:0.009, h6km, 1km, ML3.3, mb\_Lg3.179(NEIC), ML3.3/34(NEIC), Error ellipse: s-maj=1.3km s-min=1.0km az=212.0

NEIC 10 07:13.56.2.0.4, 35.984N:0.009-96.805W:0.008, h5km, 1km, Error ellipse: s-maj=2.0km s-min=1.4km az=172.0

ANF 10 07:13.56.9.0.3, 36.00N:96.79W, h6km, ML3.5/10, Error ellipse: s-maj=3.4km s-min=3.0km az=162.0

ISC 10 07:13.56.6.0.8, 35.991N:0.02:96.81W:0.02, h7km, 5km, n93, o54/65, Oklahoma

Main station list for the 722 period, including stations like OK052, OK052, OK052, OK031, OK031, OK033, OK033, OK033, DEOK, DEOK, DEOK, OK048, OK051, OK051, OK029, OKCSW, TUL3, TUL3, TUL3, TUL3, TUL3, TUL3, T35A, T35A, T35B, T35B, CROK, CROK, KAN13, GC02, KAN14, OK032, BLO, CSTR, X34A, OK038, OK035, US2A, US2A, X37A, X37A, NOKA, LOOK, LOOK.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other details. Includes stations like U38A, WMOK, Z35A, MIAR, FW06, Z38A, FW03, KSU1, U40A, S39A, FW07, FW16, X40A, U40A, FW14, FW13, CBKS, WHAR, FCAR, APMT, WLAR, MGMO, Z37A, DKNS, AMTX, R40A, P38A, LCAR, SN01, T42A, N33A, POST, CCM, N35A, BRDY, P40A, SGCY, FVM, KSCO, 143A, JCT, OZNA, OXF, OGNE, SCIA, HND0, DRIO, L40A, HDIL, PECS, SAND, ECSD, O44A, L42A, JFW5, N23A, TXAR, H40A.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other details. Includes stations like RTAL, UHIG, TLHG, LTLG, ESFJ, PETO, MTO3, SNET, TGUH, CRIN, TEIG, TEIG, TEIG, MATH, BOAB, ORTG, DUNO, ORTO, DUNO, JSPN, JTS, ZAIG, SOCE, LCR2, RIMA, CDITO, BRU2, H33A, BCIP, HPIG, 435B, JCT, TXAR, NATX, OZNA, ALPN, FWO7, ABTX, APMT, Z47A, LRAL, MIAR, SJCC, W35A, FNO, CBOC, AMTX, DEOK, OK029, OK031, OK033, 319A, YOTC, JAMC, GUYC, ELIS, OK048, BBAC, POPC, DUNG, T35A, OK035, IMBA, KAN14, ORTO, MGMO, ROSC, PRAC, TUC, TKL, PAMC, CHIC, RUSC, R32A, MACC, OLIL, P40A, P38A, X16A, PTCG, MVCO, WUAZ, N38A, PFO, PDAR, HVU, ID07, ELK, NVAR, NVAR, NVAR, MOOV, YHL, HLID, PLID, ULM, F10A, NEW.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other details. Includes stations like LPAZ, PGC, SCHO, YKA, FRB, BDFB, M29M, M29M, IL31, ILAR, BMAR, H24K, I23K, MLY, ESDC, NB2, NOA, BGES, ARCES, CLL, TORD, MKAR, WRA, ASAR, PZH, CMAR, IDC 107, NEIC 107, NOU 107, ISC 107, and various other stations with their respective frequencies and modes.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other details. Includes stations like NILT, HUIG, HUIG, HUIG, TGIG, LXUV, THIG, THIG, PEIG, PEIG, PEIG, CGIG.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other details. Includes stations like NVAR, NVAR, NVAR, MOOV, YHL, HLID, PLID, ULM, F10A, NEW.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other details. Includes stations like EIDS, EIDS, CMSA, CTA, CTA, STKA, STKA, STKA, INKA, HTT, LCRK, BB00, BB00, BB00, MOOV, YHL, HLID, PLID, ULM, F10A, NEW.





Table of astronomical observations for 10d 8h, listing station names, codes, and observation details.

NEIC 10 08:33:47.6-1.7, 18.165:0.06:177.9W:0.1, h601km, gkm, mb4.4/43, Error ellipse: s-maj=19.9km s-min=7.3km az=106.0

IDC 10 08:33:48.1-1.5, 18.185:0.177:88W, h616km, 11km, mb3.6/13, mbtmp4.6/15, Error ellipse: s-maj=31.7km s-min=13.8km az=141.0

ISC 10 08:33:47.4-0.5, 18.155:0.09:177.91W:0.09, h600km, n81, r1901/89, mb4.4/35, Fiji Islands region

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

Main table of astronomical observations for 2017 SEP, listing station names, codes, and observation details.

mbtmp3.9/8, ML3.9/3, MS3.0/1, Error ellipse: s-maj=74.6km s-min=18.1km az=73.0

DJA 10 08:34:36.7-0.2, 7.5:1.13:3.3E, h76km, gkm, MA.6/13, mB5.6/2, mb4.5/13, MLV4.7/11, MW(MB)5.1/2

ISC 10 08:34:36.3-0.7, 6.97S:0.04:133.01E:0.06, h35km, n28, r195/30, mb3.8/5, Azu Islands region

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

IDC 10 08:34:40.2-1.0, 37.12N:105.21W, h0km, mbtmp3.6/5, ML3.1/4, Error ellipse: s-maj=15.2km s-min=9.4km az=78.0

NEIC 10 08:34:42.0-1.1, 37.04N:102.104:96W:0.02, h5km, 1km, mb\_Lg3.7/133, ML3.8/68, Mw3.7/29, Error ellipse: s-maj=3.6km s-min=2.4km az=172.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm; Mr=2.49; Mw=1.51; Mv=0.98; Mn=0.08; Mh=2.69; Mr=1.71; Fault plane: N: 86.000x1014 NPI: 282.16000, 344.79000, -1: 136.21000, -2: 159.77000, 362.00000, -3: 53.49000, Principal axes: T 4.1390, P1: 0.0000, Azm225.0000, N - 0.6334, P1g2.0000, Azm321.0000, P - 3.5056, P1g5.6000, Azm119.0000;

NEIC 10 08:34:42.37-0.4N:104.96W, h5km ANF 10 08:34:42.6-0.5, 37.11N:104.92W, h7km, 4km, ML4.2/17, Error ellipse: s-maj=3.1km s-min=2.5km az=163.0

ISC 10 08:34:42.9-1.1, 37.14N:103.104:90W:0.03, h11km, 10km, n138, r1914/120, Colorado

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





Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like CDITO Canoas, 833A Chaparral WMA, 833B Chaparral WMA, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like X40A Basin Creek Fa, MIAR Mount Ida, MIAR Mount Ida, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like MGMO Mountain Grove, T42A Van Buren, W52A Murphy, etc.



10d 8h

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Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like J56A Wolcott, CZSB Cruzeiro do Sul, D41A Chassel, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like PKME Peaks-Kenny Pk, LAQ La Tuque, F63A Nahmakanta, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like VA03 San Esteban, CFA Coronel Fontan, TICA Tres Iletas, etc.

Table with multiple columns: Station ID, Station Name, Elevation, Date, Time, Wind Speed, Wind Dir, Gusts, etc. Includes stations like Alto Alegre, Susitna Watana, Babbage River, and many others.

Table with columns: PET, Name, RA, Dec, P, pmax, etc. Includes entries like Petropavlovsk, Tomouidi, Lamto, Dimbokro, etc.

Table with columns: VORR, Name, RA, Dec, eP, P, Pdif, pmax, etc. Includes entries like Voronezh, Mudanjiang, etc.

MOS 10 08:44:22.6: 1.0, 41.77N; 142.83E, h47km, mb6.1/81, MS5.3/44, Error ellipse: s-maj=5.1km s-min=3.7km az=107.7

BUI 10 08:44:22.0: 0.0, 41.73N; 142.80E, h48km, mb5.5/93, mb5.5/99, MS5.2/99, MS7.5/296

NEIC 10 08:44:24.6: 41.79N; 142.89E, h50km, Moment Tensor. Solution - Duration: 289 Moment tensor: Scale 1017Nm; M1: 0.97; M2: 0.54; M3: 1.43; M4: 0.42; M5: 0.90; M6: 1.05; Fault plane solution: Ms2.28E000x1017 NP1: 26.900000; 559.930000; 184.970000; NP2: 216.860000; 630.450000; 198.610000; Principal axes: T: 2.2767, Plg75.0000; Azm283.0000; N: 0.0005, Plg4.0000; Azm29.0000; P: -2.2772, Plg15.0000; Azm121.0000;

NIED 10 08:44:24.1: 41.76N; 142.88E, h43km, MW5.6, Moment Tensor Solution. s3 Moment tensor: Scale 1017Nm; M1: 2.27; M2: 0.74; M3: 1.53; M4: 0.57; M5: 1.37; M6: 1.63; Fault plane solution: Ms2.97000x1017 NP1: 26.000000; 653.000000; 179.000000; NP2: 229.000000; 629.000000; 111.000000;

NEIC 10 08:44:24.6: 41.79N; 142.89E, h50km NEIC 10 08:44:24.2: 41.79N; 142.86E, h40km JMA 10 08:44:24.1: 0.2, 41.8N; 0.9; 142.9E; 0.9, h43km, 1km, MD5.6/40, MW5.6/40, S OFF URAKAWA JMA Felt IV J1 at S OFF URAKAWA

NEIC 10 08:44:24.5: 1.9, 41.78N; 0.05; 142.89E; 0.09, h45km, 1km, Mb5.5/662, Ms 2.05, 0.449, Mw5.6/87, Mw5.6/24, Mw5.5/23, Error ellipse: s-maj=13.1km s-min=5.5km az=127.0, Moment Tensor Solution. Moment tensor: Scale 1017Nm; M1: 1.64; M2: 0.67; M3: 0.97; M4: 0.20; M5: 1.18; M6: 1.91; Fault plane solution: Ms2.67000x1017 NP1: 24.500000; 829.190000; 134.380000; NP2: 26.177000; 669.600000; 168.660000; Principal axes: T: 2.7001, Plg6.000000; Azm256.000000; N: -0.0543; Azm123.000000; Moment Tensor Solution. Moment tensor: Scale 1017Nm; M1: 1.75; M2: 0.59; M3: 1.16; M4: 1.04; M5: 0.77; M6: 2.25; Fault plane solution: Ms3.02000x1017 NP1: 22.209000; 817.890000; 140.680000; NP2: 26.700000; 872.710000; 185.330000; Principal axes: T: 3.0649, Plg62.000000; Azm290.000000; N: 0.0891, Plg4.000000; Azm28.000000; P: -2.9758, Plg28.000000; Azm120.000000;

NEIC 10 08:44:24.1: 41.80N; 142.86E, h40km IDC 10 08:44:25.8: 1.2, 41.82N; 142.75E, h54km, 9km, mb5.5/242, mbmt5.5/50, MS5.0/80, Error ellipse: s-maj=10.0km s-min=7.0km az=125.0

GCMT 10 08:44:26.5: 0.1, 41.80N; 0.01; 142.96E; 0.01, h45km, MW5.6/147, Moment Tensor Solution. s130, c240; s147, c287; Duration: 186 Moment tensor: Scale 1017 Nm; M1: 2.93; M2: 0.05; M3: 0.73; M4: 0.03; M5: 2.21; M6: 0.82; M7: 0.03; M8: 1.04; M9: 0.73; Best double couple: Ms3.49700x1017 NP1: 25.000000; 863.000000; 188.000000; NP2: 205.000000; 827.000000; 193.000000; Principal axes: T: 3.5900, Plg72.0000; Azm291.0000; N: -0.1960, Plg2.0000; Azm26.0000; P: -3.4030, Plg18.0000; Azm117.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 08:44:24.4: 0.2, 41.82N; 0.03; 142.88E; 0.02, h45km, 1km, h46km; p-P, n2152, s1940, 1836, mb5.6/539, MS5.0/344, 142C-64D, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, etc. Includes entries like Erimo, Utsunomiya, etc.

Table with columns: Name, RA, Dec, P, pmax, etc. Includes entries like Akkeshi, Ishikarishita, Kujideransuru, etc.

Table with columns for flight codes (e.g., JFY, JFFD), destinations (e.g., Yanaizu, Fukushimafuru), times, and status indicators (e.g., Pn, P, A).

Table with columns for flight codes (e.g., NKL, OKH), destinations (e.g., E, Okha), times, and status indicators (e.g., Pn, P, A).

Table with columns for flight codes (e.g., HIA, MA2), destinations (e.g., Z, Hailar), times, and status indicators (e.g., P, Pn, A).





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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WMQ, Urumqi, Nushagak River, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PPLA, CAST, F22K, etc.

10d 8h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NEA2, O22K, D24K, etc.

10d 8h

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like HIN Hinchinbrook I, KLU Klutina, F26K Sheenjek River, etc.

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like GRNC Granite Creek, JIRN Jiri, BRZS Berezni, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like MTKI Muara Teweh, KSH Kashi, G31M Sathu River, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like C36M Paulatuk, Q32M Nakin, PBA Port Blair, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like KBL Kabul, SMRI Semarang, HSPB Hornsund, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like CLRS Cowichan Lake, WB6 Warramunga Arr, WB4 Warramunga Arr, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like LPSR, DBO, STOK, C09A, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like KBZ, TBLU, FFC, MFK, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like AKASG, AKASG, AKASG, MASF, etc.

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Table with columns for call sign, name, frequency, mode, power, and other technical details. Includes stations like ISABELLA, ANGAMASSALIK, and many others.

2017 SEP

Table with columns for call sign, name, frequency, mode, power, and other technical details. Includes stations like MDND, MURC, VLDLR, and many others.

10d 8h

Table with columns for call sign, name, frequency, mode, power, and other technical details. Includes stations like BRTR, ICOR, KSP, and many others.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like CLL, LOT, PVCC, DEV, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like CKRC, ESK, KHC, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like BSTI, BHO, I37A, etc.



Table with columns: Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like ACSO Alum Creek Sta, F64A Sherman, VT1 Waterbury, etc.

Table with columns: Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like O54A Saint George, GGN Saint George, FFD Frank Falls, etc.

Table with columns: Station Name, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like TZTN Tazewell, L64A Middleborough, SWET Sewanee, etc.



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Table with columns: LIC, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Lamto, Garzon, Huila, etc.

IDC 10:08:56:51.2, 1.5, 23.19N; 120:44E, h0km, mb3.5/3, mbtm3.6/4, ML3.5/1, Error ellipse: s-maj=45.0km s-min=29.1km az=67.0 JMA 10:08:56:52.0, 2.2, 23.3N; 0.3:120:3E; 0.6, h0km, MV3.7/14, TAIWAN REGIONAL ASIENS 10:08:56:53.7, 23.22N; 120:40E, h11km, ML3.9, Mw3.3, Moment Tensor Solution, Moment tensor: Scale 10^20Nm; Mn:5.85; Mxx:3.62; Myy:-9.75; Mxz:2.6; Mxy:1.56; Myz:1.65; Fault plane solution: Mo:9.72223x10^20 NP1: 0:154.86000, 86.0, 12000, 144.79000. NP2: 0:38.55000, 82.35000, 141.01000. Principal axes: T: Plg51.6450, Azm10.8870; N: Plg37.9810, Azm181.5120; P: Plg4.5700, Azm275.0900; TAP 10:08:56:53.7, 23.22N; 120:40E, h11km, ML3.9, B, ISC 10:08:56:54.3, 0.8, 23.23N; 0.01:120:39E; 0.01, h18km, 3km, n173, 0:99/259, m36.7, 39C-23D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TWK, SNST, CHN1, etc.

2017 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Shoushan, WSF, CHNS, etc.

10d 8h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WCS, ECBN, HGSD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EGS, PTMZ, KNM, TIPB, YMO1, ANP, KNMB, NWF, WFSB, TWB1, SX11, ZPLA, JYNG, JYNG, YOJ, YOJ, YOJ, YOJ, DSXP, AXDP, PCYT, MATB, MSUT, MHZQ, HATJ, HATJ, IRIF, LYJJ, JKRS, JKRS, JIJ, JIJ, XPSS, JISG, JISG, SXFK, TJT, TJT, JOW, JOW, MKAR, WRA, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DVP, LIFOC, MARCN, YATNC, DZM, DZM, NOUC, NOUC, OUENC, OUENC, ONTNC, ONTNC, KOUNC.

NOU 10:09:20.44.5, 18.70.5, 168.71E, h98km, MLv3.8/12, Vanuatu Islands, Vanuatu Islands
Code Station Name Az AzZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THORFA, THORFA, THORFA, THORFA, KTH, KTH, KTH, KTH, PPLA, PPLA, PPLA, CAST, CAST, CAST, CAST, CUT, CUT, CUT, CUT, WAT7, WAT7, RND, RND, RND, SKT, SKT, SKT, SKT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHUM, CHUM, CHUM, WAT1, WAT1, BPAW, BPAW, BPAW, MCK, MCK, MCK, M22K, M22K, M22K, BWN, BWN, BWN, BWN, K20K, K20K, K20K, K20K, M20K, M20K, M20K, WAT6, WAT6, WAT6, SUA, SUA, SUA, SUA, GHO, STLK, STLK, DHY, DHY, PMR, PMR, PMR, SML, SML, SML, SML, SPCG, NEA2, NEA2, NEA2, CRP, SPCP, SPCP, SPNN, J20K, J20K, J20K, J20K, SPBG, FIS, FIS, FIS, SPCR, SPCR, SPCR, SPCR, N20K, N20K, N20K, M23K, M23K, M19K, M19K, WRH, KNK, KNK, KNK, L19K, L19K, L19K, RC01, RC01, RC01, RC01, MLY, MLY, MLY, SCM, SCM, SCM, CCB, CAPN, I21K, I21K, I23K, I23K, I23K, HDA, HDA, HDA, HDA, MDM, TTA, TTA, TTA, J19K, J19K, J19K, J19K, TCOL, TCOL, TCOL, TCOL, COLA, COLA, COLA, COLA, M24K, M24K, M24K, M24K, I20K, I20K, I20K, I20K.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like K24K, K24K, PWL, PWL, SLKM, RDT, IL31, ILAR, ILAR, ILAR, DFR, RDJH, O22K, O22K, NCT, POKR, POKR, POKR, J18K, J18K, J18K, RDWB, HSO, HARP, HARP, N19K, N19K, N19K, L18K, L18K, L18K, KLU, KLU, KLU, H21K, H21K, H21K, GLI, GLI, GLI, SVW2, SVW2, H23K, H23K, H23K, H22K, H22K, H22K, J25K, J25K, J25K, J25K, SEW, SEW, SEW, O20K, H20K, H20K, DIV, DIV, DIV, IVE, IVE, IVE, H24K, H24K, H24K, GCSA, GCSA, GCSA, ILSW, O19K, O19K, O19K, O19K, WACK, IMAR, BRLL, BRLL, BRLL, BRLL, BRSE, BRSE, BRSE, N25K, N25K, N25K, SCRK, SCRK, SCRK, SCRK, SCRK, SCRK, MENT, MENT, MENT, MENT, HIN, HIN, HIN, HOM, HOM, HOM, K17K, K17K, K17K, M17K, M17K, M17K, P23K, P23K, L26K, L26K, L26K, L26K, CNPM, CNPM, CNPM, CNPM, EYAK, EYAK, EYAK, EYAK, L17K, L17K, L17K, P19K, P19K, P19K, P19K, J26L.



s-min=6.2km az=193.0
MEX 10 09:33:54.2,0.8, 15:57N-94:88W, h25km, 299km, MD4.6
IDC 10 09:33:55.8,4.2, 15:69N-94:57W, h62km, 38km, MB3.4/4,
mbtmp3.7/6, ML3.8/2, MS4.4/1, Error ellipse: s-maj=35.0km
s-min=21.8km az=54.0

az=131.0
ISC 10 09:38:51.2,0.8, 44.342N,0:05:148E,0:06:h53km,7km,
n149,r193/166,mb4.0/11,11C-6D, Kuril Islands

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

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

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

IDC 10 09:35:55.6,8.5, 6:47S, -148.78E, h53km, 68km, mb2.8/1,
mbtmp3.1/3, ML3.2/1, Error ellipse: s-maj=123.5km
s-min=54.2km az=117.0, New Britain region

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

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

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

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

IDC 10 09:47:10.0, 42.54N, 111.34W, h0km, mb4, 1/20, mbmp4, 1/29, ML3, 6/9, MS4, 3/52, Error ellipse: s-maj=2.9km, s-min=5.1km, az=161.0
NEIC 10 09:47:10.6, 42.56N, 111.42W, h10km, 5km, mb4, 8/59, ML4, 7/86, Mrr4, 9/81, Mww5, 0/44, ML4, 7/16(UJSS), Error ellipse: s-maj=3.4km, s-min=1.1km, az=70.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr=1.50; Mw=0.64; Ms=1.14; M0=0.54; Mw=0.87; Mr=1.03; Fault plane solution: Mo2.390000x10^16 NP1: 0.324, 2.220000, 8.63, 7.60000, -1.24, 4.40000. NP2: 0.226, 2.10000, 8.42, 2.90000, -1.41, 0.70000. Principal axes: T 2.5751, Plg12.0000, Azm103.0000; N -0.4161, Plg30.0000, Azm6.0000; P -2.1590, Plg57.0000, Azm212.0000
UJSS 10 09:47:10.7, 42.57N, 111.42W, h9km, 7km s-maj=2.9km, s-min=5.1km, az=161.0
Error ellipse: s-maj=2.6km, s-min=2.7km, az=121.0
NEIC 10 09:47:10.4, 42.56N, 111.42W, h18km
NEIC 10 09:47:10.4, 42.56N, 111.29W, h18km, Moment Tensor Solution. Duration: 1.6 Moment tensor: Scale 10^16Nm; Mr=2.74; Mw=1.11; Ms=3.85; M0=0.74; Mw=1.73; Mr=0.64; Fault plane solution: Mo3.84000x10^16 NP1: 0.352, 0.0000, 8.54, 7.40000, -1.126, 6.80000. NP2: 0.24, 2.22000, 8.49, 0.90000, -1.49, 81.0000. Principal axes: T 4.4155, Plg3.0000, Azm107.0000; N -1.1556, Plg29.0000, Azm15.0000; P -3.2599, Plg61.0000, Azm203.0000
NEIC 10 09:47:11.1, 42.55N, 111.43W, h5km
GCMT 10 09:47:13.6, 42.64N, 111.33W, 0.02, h18km, MW5, 0/99, Moment Tensor Solution. s38, c45, s89, c158; Durations: 0 Moment tensor: Scale 10^16Nm; Mr=3.25; 1.9; Mw=0.77; 1.2; Ms=4.02; 1.3; M0=0.49; 3.0; Mw=1.68; 0.9; Mw=0.13; 2.4; Best double couple: Mo3.95400x10^16 NP1: 0.209, 0.0000, 8.48, 0.0000, -1.74, 0.0000. NP2: 0.6, 0.0000, 8.44, 0.0000, -1.107, 0.0000. Principal axes: T 4.5600, Plg2.0000, Azm288.0000; N -1.2120, Plg12.0000, Azm18.0000; P -3.3490, Plg78.0000, Azm188.0000; n1a2 refers to surface waves, cutoff=40s. n1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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

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

Table with columns: ID, Name, Time, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc. Rows include stations like 1032A Long Quarter, 1032B In-Ko-Pah, etc.

Table with columns: ID, Name, Time, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc. Rows include stations like G45A Suttens Bay, T35M Bob Quinn, etc.

Table with columns: ID, Name, Time, Az, El, Az Error, El Error, Az Rate, El Rate, Az Acc, El Acc. Rows include stations like SSPA Standing Stone, SSPA Standing Stone, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes stations like H19K Roundabout Mou, E20K Nigu River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, BOSA Boshof, ELIB Princess Elisa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IMW Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, etc.

MEX 10 10:14:12.6,0.3,15.46N,-95.04W,h20km,MDA.9
MOS 10 10:14:13.9,0.9,15.76N,-94.69W,h39km,md5.0/30, Error
ellipse: s-maj=12.8km s-min=5.6km az=106.1
IDC 10 10:14:15.3,2.9,15.55N,-94.82W,h43km,25km,mb4.2/22,
mbtmp4.4/24,ML4.4/2,MS4.3/40, Error ellipse:
s-maj=22.7km s-min=11.7km az=53.0
NEIC 10 10:14:15.4,2.0,15.72N,-0.07,-94.79W,0.0/7,h37km,3km,
mb4.9/190,MD5.0/11(MEX), Error ellipse: s-maj=13.0km
s-min=5.9km az=221.0

ISC 10 10:14:13.7,0.5,15.81N,-100.04,-94.87W,0.0/4,h29km,3km,
h29km,P, n686, s1541/684, mb4.9/111,MS4.3/44,1C-2D,
Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists various stations like NIIT, HUATULCO, PUERTO ANGEL, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists stations like RICHLAND CREEK, INDIO MOUNTAIN, PERCHAVEN, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists stations like TUCSON, POPOP, OTAVO, etc.



Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like BGNE, ISCO, U15A, IRM, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like MDND, LAO, AGMN, NNA, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like C36M, SDBA, IPMB, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like N20K Mount Spurr, G25K Bearman Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like N16K Nishlik Lake, F21K Alatina River, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GERES GERESS Array B, FINES FINESS Array B, etc.

IDC 10 10:20:31.8, 37.678N-37.44E, h4km, ML2.8/11
DDA 10 10:20:32.0, 37.68N-37.41E, h7km, 1km, ML2.6
ISC 10 10:20:32.1, 37.679N, 0.03-37.43E, 0.02, h10km, gkm, n17, 0.58/28, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKCA Adyaman/Göllü, GZT Gaziantep, etc.

0.2nm,0.5s

Table of seismic stations in the western US, including locations like UUSS 10 10:35:17.5, NEIC 10 10:35:17.3, and various station codes such as ID06, ID05, AHID, GRRI, etc.

NEIC 10 10:45:07.9, SEA 10 10:45:08.5

Table of seismic stations in the central and eastern US, including locations like RVC, REMR, OBSR, and various station codes such as B941, B941, etc.

Table of seismic stations in the western US, including locations like B203, B203, CPW, CPWF, and various station codes such as B017, B023, B034, etc.

SJA 10 10:48:00.0, GUC 10 10:48:01.2

Table of seismic stations in the central and eastern US, including locations like PB14, GO02, GO02, and various station codes such as PB15, PB15, etc.

Table of seismic stations in the western US, including locations like PB07, PB07, IPOC Station P, and various station codes such as AC06, PB02, etc.

UUSS 10 10:50:35.7, NEIC 10 10:50:35.5

Table of seismic stations in the western US, including locations like ID06, ID06, ID05, ID05, and various station codes such as AHID, AHID, AHID, etc.

NEIC 10 11:12:38.7, NEIC 10 11:12:39.2

Table of seismic stations in the western US, including locations like NEIC 10 11:12:38.7, NEIC 10 11:12:39.2, and various station codes such as MFID, MFID, MFID, etc.

10d 11h

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ELK, ANMO, LR, LR, and various numerical values. The table lists numerous stations and their associated data points across multiple columns.

Table of station data for the left column, including call signs (e.g., E46A, O48B), frequencies, and other technical details.

Table of station data for the middle column, including call signs (e.g., TBI, SIV), frequencies, and other technical details.

Table of station data for the right column, including call signs (e.g., SJA, GUC), frequencies, and other technical details.

10d 12h

Table with columns for station call letters, frequency, and other details. Includes stations like MGIG Malinaltepec, TXIG Tlaxiaco, DAIG Los Arroyos, etc.

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Table with columns for station call letters, frequency, and other details. Includes stations like TUC Tucson, LRAL Lakeview Retre, TUL3 Leonard, etc.

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Table with columns for station call letters, frequency, and other details. Includes stations like BW06 Boulder Array, PDAR Pinedale Array, ELK Elkin, etc.

Table with columns: BDFB, LR, LR, 12 33 35.5, etc. Lists various station names like Reindeer, Resolute Bay, Skwentna, etc. with associated data.

Table with columns: ASAR Alice Springs, ASAR Resolute Bay, MTSU Mount Surprise, MKAR Makanchi Array, etc. Includes NEIC and MEX event details and station codes.

Table with columns: AHID Auburn Hatcher, AHID Grays Lake, AHID Devils Gate, etc. Includes event details like IDC 10 12:17:37.0-0.3 and station codes.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, etc. Lists stations like MTN Manton Dam, KDU Kakadu, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, etc. Lists stations like ID05 Sulphur Canyon, ID05, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, etc. Lists stations like BEI Bear River Ran, L17A Cokeville, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SPUT, H17A, CTU, BSUT, YNR, etc.

DJA 10 12:20:04.0, 0.9, 2.1, N, 10.12 x 12.9E, h10km, M3.7, 6b, mb4.4/1, MLV3.4/6

NTNT Ternate 1.53 247 P Pn 12 20 33.8 -0.9

WRM Warramunga Arr 21.89 166 P P 12 24 59.3 -0.7

ASAR Alice Springs 25.39 169 P P 12 25 35.6 +1.4

USSF USSF 10 12:45:19.3, 1.9, 42.81N, 111.53W, h0km, mbmp3.0/3, ML3.0/3, Error ellipse: s-maj=34.7km s-min=6.6km

NEIC 10 12:45:19.2, 0.7, 42.56N, 101.11, 44W, 0.2, h6km, 1km, ML3.3/48, Mw3.5/24, ML3.5/13(USS), Error ellipse: s-maj=1.8km s-min=1.5km az=120.0, Moment Tensor Solution...

USSF 10 12:45:19.3, 0.6, 42.55N, 101.11, 42W, 0.02, h7km, 1km, Error ellipse: s-maj=1.7km s-min=1.4km az=126.0

NEIC 10 12:45:19.3, 42.55N, 111.43W, h6km, ISC 10 12:45:19.5, 0.8, 42.56N, 101.11, 42W, 0.03, h9km, 5km, n45, c082/50, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ID06, ID05, AHID, GRRI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BCUT, LTU, HVU, MOOW, etc.

NEIC 10 12:50:11.0, 2.6, 12.49N, 0.08, 87.86W, 0.07, h6km, 13km, mb4.2/27, Error ellipse: s-maj=13.7km s-min=7.3km

IDC 10 12:50:11.3, 2.0, 12.69N, 87.62W, h7km, 17km, mb3.7/9, mbmp4.0/10, MS3.4/19, Error ellipse: s-maj=31.4km s-min=12.3km az=55.0

SNET 10 12:50:11.5, 3.3, 12.71N, 87.87W, h30km, ML4.4, ISC 10 12:50:09.0, 0.5, 12.51N, 10.05, 87.92W, 0.05, h50km, n101, c158/92, mb4.3/20, MS3.4/17, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CNCH, CRIN, LCV, etc.

TEH 10 12:58:55.1, 35.25N-58.57E, h8km, 71km, ML3.5, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TBHD, IMOG, IPAF, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TX31, TX32, TXAR, etc.

ULM Lac Du Bonnet 38.19 332 LR LR 13 15 51.5

YBH Yreka Blue Hor 42.01 320 LR LR 13 16 29.0

NEW Newport 43.14 332 LR LR 13 21 29.1

SCHO Schefferville 45.35 17 P P 12 58 19.4 -2.7

CPUP Villa Florida 48.74 143 P P 12 58 47.2 -1.7

FRB Frobisher Bay 52.95 11 LR LR 13 21 18.7

DLBC Dease Lake 55.65 335 LR LR 13 25 36.9

SRF Srednogorsk 58.37 164 P P 12 59 37.7 -0.3

PPT Papeete 67.81 245 LR LR 13 23 08.4

NOA Noatak Array B 83.59 29 LR LR 13 37 23.6

ARCES ARCESS Array B 86.28 19 LR LR 13 43 18.1

TIXI Tiksi 92.50 349 LR LR 13 47 48.9

KSRP Korea Array 119.97 327 PKP PKPdf 13 08 53.8 -0.6

WRA Warramunga Arr 138.85 254 P P 13 09 30.1 -0.5

ASAR Alice Springs 138.87 248 PKNPK PKPPrp 13 09 22.1

CMAR Chiang Mai Arr 148.49 347 PKPb PKPdf 13 09 47.8 +0.2



MEX 10 13:25:49.8,0.7,15.60N,-98.86W,h10km,MD4.2
IDC 10 13:25:50.7,2.1,16.01N,-98.12W,h0km,mb3.9/4,
mbmp4,0.5,ML3.3/1,MS3.7/9,Error ellipse:
s-maj=166.3km s-min=24.4km az=56.0
NEIC 10 13:25:54.6,2.0,15.77N,-0.07,-98.63W,0.0,08,h21km,7km,
mb4.3/104,MD4.2/12(MEX),Error ellipse: s-maj=12.8km
s-min=8.3km az=129.0

ISC 10 13:25:51.3-0.9,15.78N,-0.08,-98.81W,0.0,04,h10km,n133,
c=211/135,mb4.3/11,MS3.7,Off coast of Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded events.

Table with columns: Code, Station Name, Delta A, Delta Z, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded events.

Table with columns: Code, Station Name, Delta A, Delta Z, Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded events.

Table with columns: BRDY, OzNA, WHTX, SGCV, FW06, ABTX, FW03, SN01, APMT, LOOK, LRAL, DKN5, MIAR, X37A, UALR, OXF, WMOK, W35A, WHAR, FNO, OKCSW, X48A, FLAL, DEOK, TUL3, FCAR, OK031, OK052, U38A, OK048, V48A, T35A, WVT, PBMO, MGMO, KAN09, KAN01, CLTN, BG3, ANMO, S39A, V51A, TKL, U49A, T47A, V52A, S44A, SIUC, CCM, V53A, R40A, TZTN, SLM, W57A, WCI, OLIL, P40A, P38A, P43A, BLO, P46A, S54A, P48A, N38A, R53A, R53A, Q51A

Table with columns: Q51A, P49A, SFIN, Q52A, Q54A, SCIA, P52A, N47A, P53A, ACSO, L40A, L42A, L49A, O52A, EROS, SSSA, DUG, ERPA, SPMN, F36A, COWI, NVAR, L59A, J56A, D41A, SADO, DELO, EYMN, B35A, M65A, NCB, EMMW, D62A, CFA, PLCA, P20A, NB2, NOA, ARCES, Code, Station Name, Az, Phase ID, Time, Res, ISC

Table with columns: ALPN, BRDY, 425A, WHTX, PECS, NATX, NATX, 237A, FW13, ODSA, ABTX, ABTX, FW07, MNXT, MNXT, SN01, SN01, FW06, FW06, ODSA, FW03, OXF, Z35A, APMT, APMT, Z38A, Z38A, WTFS, WTFS, DKN5, DKN5, 319A, 319A, MSTX, MSTX, 121A, 121A, WMOK, WMOK, MIAR, MIAR, AMTX, AMTX, X40A, W35A, TUC, TUC, DEOK, OK031, TUL3, ANMO, ANMO, ANMO, ANMO, QUOK, QUOK, 214A, 214A, FCAR, FCAR, BLOK, T35A, T35A, LCAR, LCAR, KAN01, H13A, H13A, X16A, X16A, T25A, T25A, T25A, T25A, GOGA, GOGA, Y52A, Y52A, ESJX, W50A, W50A, SDCO, WUAZ



10d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like King Salmon, Manley, Pilot Point, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAR Alice Springs, PZH PanZhihua, IDC 10 13:42:39.3-4.6, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H24K Noodor Dome, SCRR Sand Creek, J26L Joseph Creek, etc.

Table with columns: Station Name, Frequency, Band, Mode, Phase, ID, Time, Res, and various technical parameters like SNR and bandwidth.

ISK 10 13:56:29.9, 36.09N, 31.85E, h86km, ML2.5/19
DDA 10 13:56:31.8, 0.0, 36.14N, 31.02E, h66km, ML2.4
NIC 10 13:56:32.3, 0.0, 36.10N, 32.04E, h19nm, 23km, M12.9/7

Main table listing stations and their parameters. Includes sections for stations like GAZI, KEZP, HDMB, ALFC, BERE, AKMS, AKDN, AKUM, ANTB, LEF, OREN, SEYD, TEVE, AKKI, GULN, AKKZ, AKKU, KBKE, TROD, YESI, TISA, KARG, KORT, KEBE, SUTC, KRMM, ATHAL, LFK, BURDU, CSS, BMAR, ILSW, MLY, ESDC, TORD, WRA, CMAR, and ECR.

Table listing stations from CSS Mathiatis to CSS Eagle Creek, including frequencies, bands, and technical details.

MEX 10 14:13:05.6-0.3, 16.42N, 98.44W, h3km, 10km, MD3.4, Near coast of Guerrero

Table listing stations like PNIG, YOIG, and TXIG with their respective parameters.

BUT 10 14:13:58.8, 0.6, 46.87N, 0.03, 112.53W, 0.06, h13km, 3km, Error ellipse: s-maj=5.5km s-min=4.4km az=107.0

NEIC 10 14:13:58.5, 0.4, 46.87N, 0.05, 112.52W, 0.05, h15km, 2km, ML2.9/26, ML3.1/17(BUT), Error ellipse: s-maj=7.6km s-min=4.4km az=196.0, Montana

Main table listing stations from BEMT to ECR. Includes stations like BEMT, LYMT, ELMT, OVMT, CHMT, BPMT, MSO, MSO, LMR, BOZ, DLMT, EGMT, YHH, YNE, BYNE, IMW, F10A, NEW, BMO, BMO, BMO, MFID, and ECR.

Table listing stations from BEI Bear River Ran to BEI Boulder Aray, including frequencies, bands, and technical details.

DJA 10 14:41:18.2, 0.5, 9.5S, 4.12E, h117km, 5km, M3.8/7, mb4.2/3, MLV3.7/7

ISC 10 14:41:19.2, 1.2, 8.85S, 0.2, 124.2E, 0.1, h74km, n12, r195/13, Timor region

Main table listing stations from SOEI to MZP. Includes stations like SOEI, BATE, MMRI, MMRI, MMRI, TWSI, MTN, KNRA, and KDU.

NEIC 10 14:47:42.9, 0.5, 42.56N, 0.01, 111.42W, 0.02, h10km, 2km, s-maj=1.9km s-min=1.6km az=89.0

NEIC 10 14:47:42.42, 42.56N, 111.40W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=0.77; Mw=0.58; Mw=1.35; Mw=0.70; Mw=0.76; Mw=0.51; Fault plane solution: M1: 6.4000E-10; N1: 2.35E-10; P1: 1.41E-10; Azimuth: 101.4; Dip: 343.0; Nodal planes: 1.6421, 1.6700, 1.6700; Azimuth: 100.0; N: -0.0010, Plg45.0000, Azm10.0000; P: -1.6411, Plg44.0000, Azm203.0000;

UUSS 10 14:47:43.1, 0.5, 42.56N, 0.01, 111.41W, 0.010, h9km, 2km, Error ellipse: s-maj=1.9km s-min=1.6km az=89.0

ANF 10 14:47:44.0, 0.7, 42.54N, 111.33W, h0km, ML3.4/10, Error ellipse: s-maj=6.5km s-min=5.9km az=119.0

ISC 10 14:47:42.0, 0.8, 42.56N, 0.02, 111.36W, 0.02, h15km, 5km, n65, r150/81, Eastern Idaho

Main table listing stations from ID06 to ID08. Includes stations like ID06, ID05, AHID, ID09, GRRI, ID08, and ID08.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Eagle Creek, Smith Canyon R, 3um,0.3s, BEI Bear River Ran, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like HNTI Hanita, HNTI Cheeba, HNTI SHBL, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NJ2, SOEI Soe, MDJ Muanjiang, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KSHT Keshet, MIMAGB Mount Meron ar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KSAR Wonju Array Ba, TOLIZ Tolitoli, etc.

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



GUC 10 15:15:59.4-0.8, 20.445:69.05W, h109km, 4km, ML3.6
ISC 10 15:15:59.8-1.5, 20.445:0.03-69.13W, 0.07,
h108km, 10km, n23, c084/45, Northern Chile

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

IDC 10 15:21:51.5-2.4, 14.46N:94.02W, h0km, mb3.8/4,
mbtmp3.8/5, ML4.6/2, Error ellipse: s-maj=47.6km
s-min=44.7km az=5.0

NEIC 10 15:21:56.1-1.7, 14.93N:07.94:26W, 0.05, h1.3km, 6km,
mb4.2/44, Md4.0/18(MEX), Error ellipse: s-maj=10.2km
s-min=7.0km az=182.0

MEX 10 15:21:59.4-1.0, 14.91N:94.23W, h21km, 194km, MD4.0
ISC 10 15:21:57.8-0.3, 14.91N:0.06-94.29W, 0.03, h26km, 29km,
n77, r1594/90, mb4.3/17, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like PCIG, HUIG, PATR, PAVE, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like ALPN, ABTX, ODSA, etc.

IDC 10 15:28:44.0-0.7, 15.04N:94.51W, h0km, mb4.3/18,
mbtmp4.3/19, ML4.5/1, MS3.7/22, Error ellipse:
s-maj=27.9km s-min=12.9km az=59.0
GCG 10 15:28:47.6-0.6, 15.84N:94.59W, h50km, MD4.7
MEX 10 15:28:50.2-1.6, 15.22N:94.62W, h20km, 15km, MD4.9
NEIC 10 15:28:51.4-1.5, 15.30N:0.09-94.44W, 0.06, h43km, 8km,
mb4.6/132, Md5.0/16(MEX), Error ellipse: s-maj=13.0km
s-min=7.6km az=196.0
ISC 10 15:28:49.7-0.5, 15.21N:0.05-94.60W, 0.04, h36km, 2km,
n324, r151/258, mb4.5/56, MS3.8/22, Near coast of
Oaxaca

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like NILT, PCIG, HUIG, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like 833A, DRIO, 435B, etc.



Table with columns: TUC, Tucson, 22.52 322 P, P, 15 33 49.5 +3.1, etc. Includes rows for PRAC, TKL, U49A, BARC, T47A, PIAT, S44A, SIUC, CCM, CHIC, R40A, KMCS, TZTN, T25A, 214A, KSU1, KSU2, W18A, WCI, SDV, P40A, P38A, SDCO, SDCS, KSCO, S22A, MVCO, MVCO, WUAZ, WUAZ, Q24A, BC3, IC50, OGNE, OGNE, SCIA, SCIA, P52A, L40A, PFG, SJG, ATAH, JFWS, ECSD, ECSD, SPMN, NVAR, NVAR, RLMT, EYMN, MDND, HLID, AGM, B35A, DLMT, PLID, ULM, YBH, ETMB, ETMB, NEW, NEW, SAML, MDP, SCHO, SIV, SIV, PTLB, PTLB, YKA, T35M, DLBC, S34M, TAOE, TAOE, SKAG, FARO, M31M.

Table with columns: N31M, Braeburn, Yuko, 54.73 337 P, P, 15 38 15.8 +0.4, etc. Includes rows for CPUP, N30M, BDFB, BDFB, M30M, O28M, M29M, M29M, G31M, B31M, K27K, INK, INK, H29M, KLU, HARP, GLI, SCRK, J26L, H27K, E29M, KNK, K24K, SML, PLCA, WAT6, J25K, PMR, E28M, WAT1, HDA, PMOR, IL31, ILAR, ILAR, E27K, SUA, RND, F26K, SKT, SKT, G25K, TRF, NEA2, H24K, H24K, H24K, F25K, I23K, I23K, BPWA, M20K, CAST, P18K, H23K, C27K, N19K, MLY, MLY, F24K, CHUM, M19K, G23K, I21K, D25K, E24K, H22K, CHGN, K20K, K20K, TVO, COLD, PPT, PPT2, PPT2, E23K, J20K, J20K, H21K, P16K, N17K.

Table with columns: TOLK, Toolik Lake Re, 63.54 340 P, P, 15 39 16.8 +0.6, etc. Includes rows for TTA, L18K, J19K, F22K, G21K, D23K, H20K, F21K, O15K, C23K, D22K, H19K, E21K, F20K, G19K, C21K, E20K, F19K, E19K, G18K, J16K, D20K, TBI, H17K, E17K, DAG, SPT, ESDC, ESDC, NB2, NOA, NOA, SEY, TIXI, GERES, FINES, MVSF, NACGM, YAK, HHC, WMQ, NJ2, WRA, ASAR, PZH, CMAR, NEIC, IDC, JMA, JMA, NIED, Fault plane solution, ISC, Code, Station Name, Az, Az, Op, ISC, h, m, s, ISC, Res.

10d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tenmabayashi, Matushiro, MJAR, MAJ, MAJO, MJB9, ERM, ERIM, JGF, INU, INU, INU, INU, JHU, JHU, JHU, ASAJ, ASAH, JKA, USA0, USRB, USRK, USRK, KSR, SONM, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, ZALV, MK31, MKAR, MAKZ, KNRA, WBO, WBO, ABKAR, WRO, WRO, WB2, WB2, WRA, WRA, AS31, AS31, ASAR, ASAR, NC602.

JMA 10:15:47.07:4.0,1.23;2N:0.7;12.1E; h27km,2km, MV3.2/18, TAIWAN REGION
ASIES 10:15:47.08:0.23;19N:121.36E,h18km,ML3.6,Mw3.4, Moment Tensor Solution. Moment tensor: Scale 10^21Nm; Mrr:1.45; Mth:-0.14; Mtt:1.52; Mtr:0.27; Mtr:0.31; Mtr:0.48; Fault plane solution: Mo:1.61634x10^21 NP1: 0.359,79000, 853.86000, 1.75,14000. NP2: 0.204,01000, 838.69000, 1.09,35000. Principal axes: T P1g75.6900, Azm222.5640; N P1g11.9540; A Azm3.6810; P P1g7.7510; Azm100.3300; TAP 10:15:47:08.0,23;19N:121.36E,h18km,ML3.6,B ISC 10:15:47:07.4,0.9,23;15N:102.121;46E:0.02,h20km,2km, n155,c0878/215,10C-25D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHKT, CHKT, FULB, FULB, ECBN, ECBN, ECS, ECS, ECS, EDH, EDH, EYUL, EYUL, TWF1, TWF1, YULB, YULB, YULB, HGSD, HGSD, EHY, EHY, LONT, LONT, ELDTW, ELDTW, LDUT, LDUT, TWGBT, TWGBT, TWGBT, TWG, TWG, TTN, TTN, TTN, TEGC, TEGC, TEGC, WARBT, WARBT.

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Table with columns: STYH, STYH, STYT, ESLS, ALS, ALS, ECL, ECL, SLGT, SLGT, WHYT, WHYT, TPUB, TPUB, TPUB, TPUB, SSSL, SSSL, SSSL, WTP, WTP, ETM, ETM, SGST, SGST, SGST, CHN4, CHN4, CHN4, WCKO, WCKO, OWD, OWD, CHN5, CHN5, CHN1, CHN1, LXIB, LXIB, SSD, SSD, TSMG, TSMG, SMLT, SMLT, SMLT, SNST, SNST, SNST, WUSB, WUSB, TWK, TWK, TWD, TWD, TWC, TWC, TYC, TYC, MASBT, MASBT, CHGB, CHGB, WJS, WJS, WJS, TAW, TAW, EAST, EAST, TAWH, TAWH, TAWH, WPK, WPK, WPK, SGLT, SGLT, WDLH, WDLH, WHF, WHF, DPDB, DPDB, TSPT, TSPT, ETL, ETL, CHN3, CHN3, CHN3, TWMT, TWMT, WNT, WNT, WNT, NACB, NACB, NACB, WCS, WCS, SHHT, SHHT, SHHT, WNT1, WNT1, WNT1, ETLH, ETLH, SSHA, SSHA, SCZT, SCZT, ICHU, ICHU, ICHU, LAY, LAY, WTK, WTK, WTK, TWT, TWT, TDCB, TDCB, WYL, WYL, TAIH, TAIH.

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Table with columns: LYUB, LYUB, CHN8, CHN8, CHN8, SCLT, SCLT, WSL, WSL, WSL, WHP, WHP, WSSB, WSSB, WSSB, TCU, TCU, WSF, WSF, WSF, WCHH, WCHH, EOSA, EOSA, WRL, WRL, WRL, SMST, SMST, TSCK, TSCK, TSCK, NNSB, NNSB, NNSB, NNS, NNS, ENA, ENA, TWP, TWP, EWUT, EWUT, HEN, HEN, TWQ1, TWQ1, TWQ1, TSEB, TSEB, TSEB, EOS3, EOS3, EOS3, LATG, LATG, WDJ, WDJ, WDJ, NSY, NSY, NSY, NDT, NDT, ENT, ENT, ENT, TWC, TWC, NFF, NFF, NFF, NMLH, NMLH, YHNB, YHNB, YHNB, NSK, NSK, NSTT, NSTT, LIOB, LIOB, FUSB, FUSB, NWLT, NWLT, WDG, WDG, EGS, EGS, PHUB, PHUB, PHUB, PNG, PNG, TATO, TATO, TWA, TWA, TIPB, TIPB, VCHM, VCHM, JYNG, JYNG, JYNG, YOJ, YOJ, YOJ, YOJ, YOJ, NWF, NWF, WFSB, WFSB, TWS1, TWS1, SXI1, SXI1, YMO1, YMO1, ANP, ANP, YMO8, YMO8, HATJ, HATJ, HATJ, IRIF, IRIF, IRIF, JKRS, JKRS, JKRS, VWUC, VWUC, JIJ, JIJ, JIJ, JISG, JISG, JISG, KNM, KNM, KNM, KNMB, KNMB, MATB, MATB, JTJ, JTJ, JTJ, DSXP, DSXP, JIRB, JIRB, JIMJ2, JIMJ2, JIMJ, JIMJ, JIMJ, JIKM, JIKM, JIKM, JOGS, JOGS, JOGS.

NEIC 10:15:51.08:0.2,5,35;73N:0.04;139;19E:0.07,h52km,4km,



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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TX32 Lajitas Array, BRDY Brady, OZNA Ozona, ALPN Alpine, FW13 Cleburne, SGCY Sterling City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 121A Cookes Peak, ANMO Albuquerque, ROSC El Rosal, SDCO Great Sand Dun, SDV San Domingo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, ODZ Otahua Downs, RAO Raou Island, GUMO Guam, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MEX 10 17:01:52.3, NEIC 10 17:01:52.2, IDC 10 17:01:56.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARZ Kaharoa, GRRZ Galatos Road, HSRZ Hossack Road, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 10 17:13:03.2, ISC 10 17:13:02.2, etc.

Table with columns: PRZ, DJR, Przheval'sk Jarkeht, 2.97 285, Pg, Pp, 17 19 44.0 -1.4, 17 19 49.6 -2.5, etc.

Table with columns: MRKS, 13nm,1.0s, Lg, Lg, 17 22 29.8, 17 20 59.8 -2.3, etc.

Table with columns: PALE, PVLZ, Pean de, 0.62 229, S, S, 17 22 15.6 +0.7, etc.

ADC 10 17:28:55.0.3.5.9.29S-151.53E, h0km, mb3.5/2, mbtm3.6/3, ML3.1/1, MS3.1/5, Error ellipse: s-min=25.2km s-min=30.3km az=132.0, D'Entrecasteaux Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, etc.

10d 18h

Table with columns: UNCR, eSn, Sb, Time, Res. Rows include SHABESTAR, SARAB, CHARGALI, TRIALETI, ZARSHAHN, MTSKHETISVARI.

STR 10 18:00:52.2.1.1.45 N.L.5 x 1.0 E., h1 1km, 5km, MLV3.9/27, confirmed
GEN 10 18:00:53.6.44.86N:9.76E, h1 4km, ML3.7
IDC 10 18:00:53.5.1.5.44:85N:9.94E, h0 km, mbtmp3.77, ML3.6/7, Error ellipse: s-maj=25.0km s-min=13.2km az=123.0

PRU 10 18:00:56.1.45:05N:9.65E, h1 0km
ISC 10 18:00:55.4.0.8.44:82N:0.01:9.70E:0.01, h2 4km, 6km, n438, c1963/550, 8C-31D, Northern Italy

Main table for the left column containing station names, codes, and coordinates. Includes stations like BOBBIO (Coli), GORRETO, PAVIA, SAREZZANO, ORZINUOVI, RONCA, PALMARIA, PORT, etc.

2017 SEP

Main table for the middle column containing station names, codes, and coordinates. Includes stations like GUSCIOLA, SASSOROSSO, VILLACOLLEMAND, BOTTICINO MATT, etc.

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Main table for the right column containing station names, codes, and coordinates. Includes stations like RAVA, ZCCA, GAZZ, MAIM, POPM, QLNO, GARGN, BAG8, BALD, MUGIO, CANO, MTCR, GAVI, VARE, FERS, MONC, FIU, ROVR, VARA, MOCL, RONC, MTRZ.

Table with columns: Station Name, Frequency, Power, Modulation, and various performance metrics (Pn, P, AML, etc.). Rows list stations like MTRZ, RORO, MARI, BRMO, BHH, ENR, etc., with their respective technical details and performance scores over a 10-day, 18-hour period.







10d 19h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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Main table listing station details for September 2017, including station names, coordinates, and technical specifications.

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Table listing station details for station 776, including station names, coordinates, and technical specifications.



10d 19h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Frontone, Pietralunga, ATPI, etc.

2017 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like Ricce, Karolja, Istria, Pioggia, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like SOKA Soboth, ENR Entraque, BBLs Lazi&#263;i, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAPS, VAY, KHC, Kasperke Hory, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, Malin Array S, BR131, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TOAO, TORO, TORI, etc.

IDC 10.20.03.25.4.4.3.23.50S.68.95W, h70km, 39km, mb4.1/1, mbtpsk Z3, ML3.5/2, Error ellipse: s-major=66.7km s-min=33.6km az=112.0

NEIC 10 20:03:27.2±1.2, 23.60S, 0°05'69.12W, 0.07, h86km, 6km, mb4.3/14, ML4.0(GUC), Error ellipse: s-maj=9.4km s-min=6.4km az=105.0

GUC 10 20:03:27.0±0.7, 23.60S, 69.15W, h92km, 3km, ML4.0 ISC 10 20:03:26.9±0.7, 23.59S, 0°03'69.14W, 0.05, h86km, 6km, n65, c151/278, mb4.2/9, 8C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Limon Verde, San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pan de Azucar, Punta Patache, Diego Aracena, etc.

IDC 10 20:07:06.7±2.5, 43.26N, 111.77W, h0km, mbmp2.6/2, ML3.0/2, Error ellipse: s-maj=33.1km s-min=8.0km az=172.0

NEIC 10 20:07:14.1±0.6, 42.552N, 0°00'8.111'42W, 0.02, h9km, 3km, ML3.2/38, ML3.1/11(UUSS), Error ellipse: s-maj=1.9km s-min=1.0km az=119.0

USS 10 20:07:14.3±0.9, 42.552N, 0°02'11.42W, 0.01, h7km, 1km, Error ellipse: s-maj=1.7km s-min=1.1km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Fossil Canyon, Sulphur Canyon, Auburn Hatcher, etc.

Table with columns: ID, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Alton, Grays Lake Devils Gate, Smith Canyon R, etc.

IDC 10 20:32:12.3±0.8, 42°76'N, 111°63'W, h0km, mbmp2.9/5, ML2.9/5, Error ellipse: s-maj=12.5km s-min=5.5km az=167.0

NEIC 10 20:32:15.7±0.8, 42°56'N, 0°11'11.42W, 0.02, h10km, 1km, ML3.4/54, ML3.4/11(UUSS), Error ellipse: s-maj=2.5km s-min=2.4km az=294.0

USS 10 20:32:16.0±0.5, 42.555N, 0°10'11.43W, 0.02, h8km, 1km, Error ellipse: s-maj=2.0km s-min=1.5km az=97.0

IDC 10 20:32:14.7±0.8, 42.53N, 0°02'11.48W, 0.03, h14km, 6km, n46, c090/52, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Fossil Canyon, Sulphur Canyon, Auburn Hatcher, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Camp Tracy, Grant Village, Big Grassy Mtn, etc.

DJA 10 20:33:31.6±0.3, 10°2'10.1S, 121°1'11.42W, 0.02, h87km, 8km, M4.0/13, mb4.1/6, ML4.0/13

IDC 10 20:33:34.4±4.3, 7.34S, 123.67E, h103km, 49km, mb3.1/1, mbmp3.7/5, Error ellipse: s-maj=81.8km s-min=17.9km az=59.0

ISC 10 20:33:31.1±0.9, 9.52S, 0°07'120.74E, 0.05, h100km, n24, c151/26, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Badi Baing, Sumba, Edfi, etc.

TAP 10 20:34:41.2, 24°68'N, 122°58'E, h20km, ML2.8, D JMA 10 20:34:41.9±0.1, 24°68'N, 122°58'E, 0.4, h27km, 1km, MV2.3/13, NW OFF ISHIGAKUJIMA IS

ISC 10 20:34:40.2±1.1, 24°68'N, 0°03'122.59E, 0.02, h7km, 10km, n84, c0563/122.3D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yonagunijimaku, Eos2, Yonaguni jima, etc.

Table with columns: ENA, NWF, FUSB, FUSB, ENTT, LATG, NLWT, NDLT, NHDH, ETL, NACB, NACB, NACB, YMO1, TATO, PCYT, TWY, TWY, TWD, IRIF, ANP, YHNB, YHNB, YHNB, ETLH, NSK, NSK, NNSB, NNS, NNS, NTST, TWS1, LXIB, LXIB, HATJ, WHF, WHF, NFF, NFF, TWT, ESL, ESL, JKRS, TDCB, CHGB, CHGB, LIOB, JJB, WARBT, WARBT, EGFH, OWD, WUSB, WUSB, WHP, JISG, HGSD, EHY, NMLH, WCS, WCS, TSWL, SSSL, SSSL, YULB, YULB, TYC, FULB, JTJ, CHKT, CHNS, EDH, ELDTW, ELDTW, WCKO, LONT

2017 SEP

Table with columns: STYH, LDUT, CHN4, TPUB, TPUB, WTP, CHN1, SLGT, SSD, IDC, CGC, Code, CCIG, STG3, STG3, HUEH, SULM, FUG, FUG, PCG, PCG, NIBC, NIBC, NUBE, PETF, SNJE, FLIG, ESQI, MTO3, SNET, COEG, SCLA, TEIG, TEIG, TEIG, CGNG, BOAC, ORTG, DUNO, JACS, JACO, RIMA, SAND, TXAR, TXAR, APMT, APMT, WFTS, WFTS, POST, POST, GDL2, MIAR, MINTX, DKN5, WMOK, WHAR, CBQC, ZARC, ADOK, AMTX, YOTC, RLO, RLO, LCAR, JAMC, GUY2C, BBAC, OK048, NORC, POPC, T3SA, ORTC, MGMT, MGMT, SPBC, ROSC, KAN10, BARC, S39A, ANMO, CHC, RUSC, S44A, SIUC, CCM, CCM, R40A, R40A, R32A, T25A, SDV, P40A, P40A, SDCO, P46A, P46A, WUAZ, WUAZ, N41A, N41A, PV13, O49A, O49A, PV23, PV23

Table with columns: SCIA, L42A, SJG, ATAH, PFO, K38A, MTPU, JFWF, ECRS, I42A, I42A, PDAR, F36A, F36A, ELK, NVAR, NVAR, ECR, E43A, E43A, SADO, MCMT, ULM, ULM, YBH, NEW, LPAZ, SDP, SDP, LVC, PB14, YKA, YKA, CPUP, BDFB, INK, PLCA, SEW, F28M, F28M, KDAK, ILAR, ILAR, RND, RND, CAST, MLY, MLY, COLD, COLD, ESDD, NB2, NOA, ARCES, ARCES, GERES, GERES, FINES, CMAR, CMAR, Code, PCIG, PCIG, PCIG, PATR, PATR, PAVE, PAVE, THIG, THIG, THIG, CHUJ, CHUJ, RTAL, PETF, ESQI, MTO3, JAYA, JAYA, SNET, COEG, CRIN, CRIN, ACON, ORTO, DUNO, JTS, COVE, JACO, LCR2, RIMA, PEZE, SBER, BOAB, JCT, JCT, TXAR, TXA1

10d 20h

Table with columns: TX31, TX32, BRDY, OZNA, WHTK, ALPN, FW13, ABTX, PECS, SN01, SN01. Includes station names, times, and various codes.

ROM 10 20:48:41.1, 0.0, 42.086N, 0.0003, 13.318E, 0.0004, h8km, Mdl 1.5/3, ML 1.5/3, 1C-1D, Error ellipse: s-maj=0.3km s-min=0.1km az=95.0, Central Italy

Main table for ROM station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Pietraquaria, L'Aquila, Cerreto, etc.

IDC 10 20:52:56.9, 0.6, 8.745S, 67.47E, h0km, mb4, 1/17, mbmp4, 1/17, MS4, 0/45, Error ellipse: s-maj=19.2km s-min=13.9km az=152.0, NEIC 10 20:52:57.1, 2.3, 8.97S, 0.09, 67.85E, 0.0, h10km, 1km, mb4, 4/30, Error ellipse: s-maj=17.6km s-min=10.5km az=139.0, GCMT 10 20:53:02.1, 0.2, 8.86S, 0.01, 67.48E, 0.01, h14km, 1km, MW5, 0/101, Moment Tensor Solution. s40, c44; s101, c161; Duration: 0 Moment tensor: Scale 10^16Nm; Mw0.59; 1; Mw0.4, 0.3; 1; Mw0.3, 4.4; 12; Mw-1.3; 1.3; Mw0.5; 1; Mw0.7; 29; Best double couple: Mw4.04, 0.00; 10.16; NP1=139.00000; 839.00000; 1-159.00000; NP2=48.00000; 369.00000; 1-1.00000; Principal axes: T 3.6450, Plg14.0000, Azm271.0000; N 0.7970, Plg69.0000, Azm141.0000; P 2.44370, Plg15.0000; Azm55.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 20:52:57.0, 4.8, 9.1S, 0.08, 67.71E, 0.06, h13km, n99, o163/63, mb4, 2/28, MS4, 0/47, 1C, Mid-Indian Ridge

Main table for ISC station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Diego Garcia, Wadi Sarin, etc.

Main table for 2017 SEP station data with columns: HO4N1, HO4N3, LEM, CMAR, CMAR, CMAR, CHTO, SHL, SHL, LBTB, KBL, KBL, CRAI, BOS, BOS, BOS, LSA, LSA, GEYT, GEYT, GEYT, KSH, BTK, BTK, SUR, TSUM, TSUM, TSUM, H01W3, H01W2, H01W1, EIL, NWA0, GOMU, GOMU, GOMU, GOMU, GOMU, MKR, MKR, MKR, MKR, MKR, MKR, KBZ, KVAR, TG, TG, BR13, BR13, BR13, BR13, BR13, ABKAR, ABKAR, ABKAR, MAW, MAW, MAW, AKTO, DAV, KURB, KURK, KURK, BVAR, SIJI, ZALV, ZALV, ASAR, ASAR, WRA, WRA, SONM, SONM, SONM, JOW, JOW, TORD, KSRS, JAY, JAY, JUNU, SNA, SNA, SNA, CTA, GUMO.

Table with columns: MJAR, MJAR, JHJ, ESDD, KRVT, HNR, DZM, PMSA, PDAR, NVAR, TXAR. Includes station names, times, and various codes.

NOU 10 21:10:02.8, 40.45S, 177.03E, h0km, MLv3, 7/7, Off E

Coast of N. Island, N.Z. WEL 10 21:10:06.0, 0.9, 40.53S, 177.66E; h13km, 6km, M3, 1/44, ML3, 6/12, MK3, 1/44, Error ellipse: s-maj=0.0km s-min=0.0km az=115.5, confirmed

ISC 10 21:10:04.6, 1.1, 40.41S, 0.03, 176.59E, 0.04, h29km, 8km, n78, o196/82, North Island

Main table for ISC station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ANWZ, ANWZ, PRHZ, PRHZ, DVHZ, DVHZ, WPHZ, WPHZ, BFZ, BFZ, PXZ, PXZ, PRWZ, PRWZ, PNHZ, PNHZ, TSZ, TSZ, POWZ, POWZ, TWZ, TWZ, KAHZ, KAHZ, KRHZ, KRHZ, MRZ, MRZ, CKHZ, CKHZ, TMWZ, TMWZ, GOWZ, GOWZ, ARHZ, ARHZ, MTWZ, MTWZ, BHZ, BHZ, MTW, MTW, GOWZ, GOWZ, ARHZ, ARHZ, TRWZ, TRWZ, BKZ, BKZ, WNWZ, WNWZ, MTWZ, MTWZ, CAW, CAW, TUWZ, TUWZ, KIW, KIW, MCHZ, MCHZ, TRWZ, TRWZ, WAZ, WAZ, FWZ, FWZ, SNVZ, SNVZ, MSWZ, MSWZ, OTVZ, OTVZ, ETVZ, ETVZ, NGZ, NGZ, TMVZ, TMVZ, PKVZ, PKVZ, NWZ, NWZ, NTVZ, NTVZ, KRVZ, KRVZ, WTVZ, WTVZ, PRTZ, PRTZ, RIHZ, RIHZ, PAWZ, PAWZ, MRHZ, MRHZ, KATZ, KATZ, TWZ, TWZ, RATZ, RATZ, SNZ, SNZ, SHGZ, SHGZ, PRGZ, PRGZ, VRZ, VRZ, TCW, TCW, DUWZ, DUWZ, MWZ, MWZ, NEZ, NEZ, TUWZ, TUWZ, KHEZ, KHEZ, HIZ, HIZ, BAZ, BAZ, RUK, RUK, KNZ, KNZ, KHZ, KHZ, MRNZ, MRNZ, QRTZ, QRTZ, LAKE, LAKE, CTZ, CTZ.

NEIC 10 21:17:33.6, 1.7, 15.11N, 0.10, 94.37W, 0.05, h35km, 2km, mb4, 3/29, MD3, 9/12, (MEX), Error ellipse: s-maj=16.2km s-min=8.0km az=7.0

MEX 10 21:17:33.9, 1.1, 15.16N, 94.37W, h16km, 27km, MD3, 9 GCG 10 21:17:33.6, 1.1, 15.78N, 93.74W, h0km, 932km, MD4, 3, IDG 10 21:17:37.0, 3.7, 15.31N, 93.99W, h74km, 31km, m35, 5/7, mbmp3, 8/9, Error ellipse: s-maj=32.4km s-min=19.2km az=50.0

ISC 10 21:17:27.7, 1.6, 15.08N, 0.06, 94.42W, 0.04, h3km, 10km, n65, o170/74, mb4, 2/15, 1C-1D, Near coast of Oaxaca

Main table for ISC station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PCIG, PCIG, PCIG, NILT, NILT, HUIG, HUIG, HUIG, PANG, PANG, PANG, TGIG, TGIG, TGIG, RTAL, RTAL, STG3, STG3, PEIG, PEIG, PEIG, HUEH, HUEH, SULM, SULM, FUG, FUG, PCG, PCG.



Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Las Nubes, Flores, Montecristo, Tegich, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Rio Naranjo, Aguas Claras, Tegich, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like J56A, Wolcott, J57A, etc.

DJA 10 21:25:17.3; 1.2; 0.5; 7.9; 9.7E; 1.2; h10km, M4.3/7, mb5.1/1, MLV3.9/7
IDC 10 21:25:19.6; 3.2; 0.3; 1S; 96; 95E; h0km, mb3.8/3, mbtm3.6/4, MS4.0/2, Error ellipse: s-maj=133.1km s-min=30.4km az=60.0
ISC 10 21:25:21.4; 1.5; 0.4; 5.0; 0.1; 96; 8E; 0.2; h21km, n15, c1949/13, mb4.1/3, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PPSI Pulau Batu, SISI Gunungsitoli, SISI Saibi, etc.

RSNC 10 21:36:03.4-1.1, 6.83N-73.13W, h151km, 4km, ML3.2, Mw3.8, 2C-1D, Northern Colombia

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BARC Barichara, BRRC Barranca, PAMC Pampiona, etc.

POPC Popayan, Colom 5.54 220 eP Pn 21 37 24.2 0.0. FLOC Florencia 5.79 206 eP Pn 21 37 26.7 -0.7. Includes IDC and NEIC event details.

ISC 10 21:39:58.5-0.4, 57.09N-108.33W, 0.05, h14km, m159, i139/128, mb4.7/96, 1C, Reykjanes Ridge

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NRS Narsarsuaq, IVI Ivigtut, BORG Borgarnes, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include I26K Coal Creek Min, W35A Teaneah, N131M Braeburn, etc.

Table with columns: Name, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like KURK Kurchatov, RTAL Retalhuleu, MKAR Mikancich Array, etc.

BER 10 21:40:17.9.3.5, 56.44N:34.07W, h25km, 11km, mb5.6, M55.7, M55.2

MOS 10 21:40:18.7.0.8, 57.13N:33.76W, h12km, mb5.7/101, M55.5/78, Error ellipse: s-maj=6.2km s-min=4.5km

IDC 10 21:40:18.6.0.3, 57.09N:33.73W, h0km, mb4.9/52, mbmp4.9/57, ML4.2/5, M55.5/73, Error ellipse: s-maj=10.1km s-min=6.9km az=171.0

BUI 10 21:40:19.2.0.0, 57.49N:33.93W, h11km, mb5.3/83, mb5.8/76, M5.6/91, M5.7/86

GCMT 10 21:40:20.6.0.1, 57.10N:0.01:33.53W:0.0:1, h12km, MW5.8/162, Moment Tensor Solution. s120,c207, s162,c372; Duration: t99 Moment tensor: Scale 10^17 Nm; Mn=-5.34e-05; Mw=0.14e-06; Mm=5.48e-05; Mh=0.58e-14; Mv=1.58e-04; Mh-v:0.12e-13; Best double couple: Ms=6530000, N=191, baz=202.00000; 646.00000; 1-89.00000; N2=92, baz=8.00000; 345.00000; 1-102.00000;

Principal axes: T 5.8930, Plg0.0000; Azm285.0000; N -0.4870, Plg7.0000; Azm15.0000; P -5.4120, Plg83.0000; Azm193.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

NEIC 10 21:40:20.6.1.5, 57.13N:0.07:33.77W:0.1, h10km, mb5.6/683, Ms 20.5/71004, Mw=5.7/52 Error ellipse: s-maj=12.7km s-min=11.2km az=171.0

NEIC 10 21:40:21.1, 57.15N:33.68W, h12km

NEIC 10 21:40:21.1, 56.75N:33.87W, h12km, Moment Tensor Solution. Duration: 411 Moment tensor: Scale 10^17 Nm; Mn=-5.14; Mw=0.92; Mh=4.22; Mv=0.10; Mh-v:1.38; Mv-h:0.68; Fault plane solution: M=4.98000e10, N1=21, baz=202.00000; 641.10000; 1-87.860000; Principal axes: T 7.6698, Plg4.0000; Azm193.0000; N 0.4201, Plg1.0000; Azm200.0000; P -5.1898, Plg86.0000; Azm90.0000;

DNK 10 21:40:23.2.4.7, 57.18N:33.54W, h20km, 47km, mb5.8

ISC 10 21:40:20.7.0.3, 57.16N:0.03:33.84W:0.03, h11km, mb5.8, n2196, c1567/1871, mb5.6/556, M55.6/662, 89C-62D, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like NRS Narsarsuaq, IVI Ivgitut, ANGG Ammassalik, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like ILULI Ilulissat, VAL Valentia, SUNG Summit, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like ESK Eskdalemuir, EKA Eskdalemuir, JMI Jan Mayen, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like SCHQ Schefferville, SRBC Serra Branca, PGRA Graciosa, ROSA Rosais, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like ROSA Rosais, PCED Cedros, CALA Caldeira, PSBA Serra de Santa, etc.

Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes entries like POLO Lamas de Oros, NSS Nampos, OSO Oslo, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG, VZL, OSTC, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PVLZ, Pean de Oostas, OSTC, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CONA, Conrad Observa, VSDV, and many others.

10d 21h

Table of 10-day and 21-hour forecasts for stations including ERPA, ARF, NACGM, STHS, MORH, FIGM, M53A, P53A, M55R, S61A, KWP, INTR, BSZH, MNK, E43A, E43A, KOLS, M52A, M52A, G45A, G45A, UPAO, N53A, N53A, CBN, CBN, D41A, D41A, LRV, LVV, LVV, LVV, LVV, ADZR, ADZR, O54A, O54A, O54A, MCWV, MCWV, MCWV, TRPA, O56A, LTVH, R55B, AAM, AAM, AAM, AAM, AAM, T60A, J47A, J47A, J47A.

2017 SEP

Table of 2017 September forecasts for stations including J47A, O53A, O53A, PAOL, F42A, F42A, FRGS, SGRF, N51A, N51A, N51A, N51A, M50A, M50A, COWI, COWI, COWI, SIRR, O52A, O52A, O52A, BMR, BMR, EYMN, EYMN, EYMN, MESR, L48A, S57A, S57A, S57A, P53A, P53A, P53A, DRGR, DRGR, Q54A, Q54A, Q54A, BZS, BZS, R55A, R55A, V61A, V61A, DIVS, P52A, P52A, P52A, P52A, ACSSO, ACSSO, ACSSO, ACSSO, S54A, S54A, S54A, KEST, KEST, KEST, KEST, N49A, N49A, N49A, CJR, CJR, DEV, DEV, T57A, ARCR, MDVR, E38A, E38A, CUC, KLMR, KLMR, KLMR, KLMR, KLMR, B35A, B35A, B35A, B35A, Q52A, Q52A, BURAR, BURAR, BURAR, ULM, ULM, ULM, ULM, ULM.

788

Table of 788 forecasts for stations including ULM, G40A, G40A, G40A, G40A, L46A, L46A, L46A, P51A, P51A, P51A, P51A, GZR, GZR, GZR, I42A, I42A, HERR, O49A, O49A, O49A, O49A, CLTB, AKASC, AKASC, AKASC, AKASC, AKBB, AKBB, AKBB, AKBB, R53A, R53A, R53A, BLA, BLA, TGMR, S54A, S54A, S54A, S54A, DJES, DJES, CNCC, CNCC, CNCC, MDB, MDB, N47A, N47A, Q51A, Q51A, Q51A, Q51A, LOT, FFC, FFC, FFC, FFC, FFC, O48B, O48B, O48B, V58A, V58A, K43A, K43A, PRAR, PRAR, W95A, W95A, L44A, L44A, L44A, L44A, P49A, P49A, P49A, P49A, U56A, U56A, U56A, VAE, VAE, TIP, TIP, TIP, TIP, HQIL, HQIL, ARR, ARR, DOPR, DOPR, I40A, I40A, RAFF, RAFF, AGMN, AGMN, AGMN, AGMN, TIR, TIR, OZUR, VOIR, VOIR, VOIR, SCTE.



10d 21h

Table with columns: EDM, EDM, comp-Z, 137nm, 0.9s, P, pmax, 21 48 21.9 +1.1, etc. Lists various EDM stations and their parameters.

2017 SEP

Table with columns: J30M, J30M, comp-Z, 139m, 18.0s, P, P, 21 48 37.1 +0.4, etc. Lists various J30M stations and their parameters.

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Table with columns: SOC, SOC, comp-Z, 84nm, 1.4s, eSSS, SSS, 22 00 03.3, etc. Lists various SOC stations and their parameters.



Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like KIV Kislovodsk, KVAR Kislovodsk Arr, BNN Bunyan, X34A Smith Ranch, G22K Beetles, J25K Salcha River, L27K Beaver Creek, T35M Bob Quinn, K27K Khabaz, F21K Alatina River, IMW Indian Meadow, MOOW Moose Ponds, H23K Yukon River, H23K Yukon River, NEW Newparr, KOWA Kowa, BWO6 Boulder Array, B19K Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, IL31 Eielson Array, ILAR Log Cabin Wild, ISCO Idaho Springs, ISCO Idaho Springs, 441A DeRidder, WMOK Wichita Mounta, WMOK Wichita Mounta, NATX Nacogdoches, SKAG Skagway, SKAG Skagway, YUK6 Outpost Mounta, FXWY Fox Creek, FXWY Fox Creek, KTUT Trabzon, P30M Million Dollar, YUK3 Moose Creek, COLA College, COLA College, COLA College, TCOL CIGO, UAF Yank, L26K Log Cabin Wild, L26K Log Cabin Wild, M27K Edge Creek, M27K Edge Creek, MDM Murphy Dome, REDW Red Top Meadow.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like Z35A Perchaven, HDA Harding Lake, HDA Harding Lake, YUK6 Steele Glacier, CCB Clear Creek Bu, Q24A Divide, Q24A Divide, H22K Ishaitina Cre, K24K Donnelly Dome, MENT Mentasta, MENT Mentasta, I23K Minto, Yukon-K, I23K Minto, Yukon-K, G21K Allakaket, JIS Juneau Island, C18K Utukok River, M26K Nabesna, AK, M26K Nabesna, AK, M26K Nabesna, AK, M26K Nabesna, AK, WRH Windy Craggy, R32K Eaglestep, F20K Avaraart Lake, WTF5 White Falls, O29M Mount Kennedy, O29M Mount Kennedy, LLLB Lilloet, E19K Redstone River, FW06 Azle, FW06 Azle, NEA2 Nenana, NEA2 Nenana, P29M Windy Craggy, BCA Borcka, O28M Mount Upton, C09A Christian Ranch, MLY Manley, MLY Manley, FW03 Perrin-Whitt E, R31K City Hall, H21K Melozitna Rive, T33K Petersburg, FW07 Weatherford, ZEI Tsey, ZEI Tsey, LOGN Logan Glacier, ID05 Sulphur Canyon, CTGM Dicks, CTG China Glacier, C17K DeLonge, C17K DeLonge, I21K Tanana, I21K Tanana, BARN Barnard Glacier, BARN Barnard Glacier, S32K Killisnoo, S32K Killisnoo, O20A White River Ci, O20A White River Ci, BWN Browne, F19K Shalatruckio Mo, HARP HAARP, T25A Trinidad, T25A Trinidad, MCARA McCarthy VSAT, MCARA McCarthy VSAT, PINN Pinnacle, PINN Pinnacle, PNL Peninsula, PNL Peninsula, MCK McKinley, MCK McKinley, GRNC Granite Creek, GRNC Granite Creek, RDOG Red Dog Mine, RDOG Red Dog Mine, WHTX Lake Whitney, DHY Denali Highway, DHY Denali Highway, E18K Tukpatearik C, S31K Pelican, S31K Pelican, SDCO Great Sand Dun, SDCO Great Sand Dun, AMTX Amarillo.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like AMTX Amarillo, V35K Ketchikan, GLB Gilahina Butte, GAZ Gaziantep, GAZ Gaziantep, RDMU Red Mountain, U33K Whale Pass, U33K Whale Pass, VRDI Vende Repeater, RND Reindeer, RND Reindeer, H20K Anotlenegea Mo, F10A Beach Ranch, E, G19K Purcell Mounta, YAH Yahste, N25K Chitna, Valde, N25K Chitna, Valde, BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., C16K Lisburne Hills, E09A Wood Farm, Sta, GROC Groznyy, GROC Groznyy, GROC Groznyy, GROC Groznyy, D17K Noatak River, TGL Tana Glacier, SIT Sitka, M24K Tolsona, Glenn, M24K Tolsona, Glenn, AKH Akhalkalaki, CRQE Cirque, CRQM Cirque, APMT Aspermont, MESA MESA, MESA MESA, HWUT Hardware Ranch, B06A Marblemont, WAT6 Susitna Watana, HLID Hailey, HLID Hailey, HLID Hailey, WAT1 Susitna Watana, E17K Hotham Inlet, TRF Thorofare Moun, TRF Thorofare Moun, H19K Roundabout Mou, DKNS Dicks, CRAG Craig, I20K Naaghedeneel, KTH Kantishna Hill, KTH Kantishna Hill, HKT Hockley, HKT Hockley, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, TCUT Toone Canyon, BMRM Bremner River, SNH Sunshine Point, E08A Dider Farm, E, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, KLU Klutina, KLU Klutina, KLU Klutina, CHUM Lake Mitrochum, BSUT Blindstream Ca, G18K Tagagawik, BERG Berg Lake, BBB Bella Bella, BBB Bella Bella, BBB Bella Bella, SCM Sheep Creek Mo, SCM Sheep Creek Mo, HVU Hansel Valley, F17K Baldwin Pennin, 435B Jarrell, 435B Jarrell, LTY Liberty, BMO Blue Mountains, J20K Nowinta River.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J20K, J20K, J20K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like GNI, TOC3, TOC4, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I05D, J16K, WVOR, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like 121A, DBO, P18K, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like O14K, ORV, NEE2, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MONP2, MCPB, RMX, etc.

10d 21h

Table with 5 columns: Station/Event, Time, Status, Direction, and Delta. Includes stations like Ortegá, Tolima, Prado, Taraz, etc.

2017 SEP

Table with 5 columns: Station/Event, Time, Status, Direction, and Delta. Includes stations like Otavalo, Pataco, Paraso, Adak, etc.

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Table with 5 columns: Station/Event, Time, Status, Direction, and Delta. Includes stations like Sonm, Songino Array, Porto dos Gac, etc.



10d 21h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like NJ2, LSZ, WHN, PZH, VJD, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CMAR, LBTB, YHNB, NACB, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ANMO, NVAR, SCHO, YKA, INK, etc.

10d 21:45:17.4z-2.1, 13:64N-91:49W, h0km, mb4.0/9, mbmp4.0/11, ML3.6/2, MS4.1/1, Error ellipse: s-maj=56.2km s-min=26.0km az=31.0

CGC 10 21:45:23.2z-2.0, 14:34N-92:28W, h91km, 33km, MD4.2

ISC 10 21:45:21.8z-1.0, 13:3N-01:92.00W/0.09, h50km, n18, c219/21, mb4.2/9, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SULLM, STG3, FUG3, etc.

IDC 10 21:47:34.4z-0.7, 56:95N-33:81W, h0km, mb4.0/20, mbmp4.0/22, ML3.2/2, Error ellipse: s-maj=21.5km s-min=12.8km az=1.0

NEIC 10 21:47:35:1.8, 56:9N-0:1, 33:8W-0:1, h10km, 1km, mb4.6/23, Error ellipse: s-maj=22.2km s-min=9.8km az=340.0

ISC 10 21:47:35.0z-0.5, 56:9N-0:1, 33:73W-0:07, h10km, n57, c113/150, mb4.3/32, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BORG, BORG, H07N1, SCHO, LMN, etc.

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

IDC 10 21:53:02.5:2.5, 37:35N:72:43E, h189km, 23km, mb3.4/10, mbmp4.0/17, Error ellipse: s-maj=35.0km s-min=16.8km az=126.0

NEIC 10 21:53:05.0:1.7, 37:54N:0:03:72:3E:0:1, h201km, 8km, mb4.3/13, Error ellipse: s-maj=13.2km s-min=2.5km az=107.0

NMC 10 21:53:07.1:5.1, 37:77N:71:86E, h176km, 71km, mb3.3, mpv4.0, Error ellipse: s-maj=47.3km s-min=31.9km az=16.0

ISC 10 21:53:03.6:0.5, 37:54N:0:04:72:28E:0:05, h200km, n84, az=11/95, mb4.0/14, 7C-4D, Tajikistan

Main table for 2017 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations and their data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HFS Hagfors, NC303 NORSAR Array S, NB201 NORSAR Array S.

IDC 10 22:01:24.0:0.8, 56:88N:34:16W, h0km, mb3.7/12, mbmp3.7/13, ML3.2/1, MS2.1/1, Error ellipse: s-maj=25.0km s-min=17.2km az=14.0

NEIC 10 22:01:29.9:1.3, 57:2N:0:1:33:7W:0:2, h10km, 1km, mb4.5/21, Error ellipse: s-maj=21.8km s-min=16.3km az=200.0

ISC 10 22:01:28.6:0.6, 57:1N:0:1:33:62W:0:08, h10km, n46, az=175/38, mb4.3/23, Reykjanes Ridge

Main table for 2017 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations and their data.

Main table for 10d 22h, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous seismic stations and their data.

10d 22h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SX11 Grass Mountain, TIBP Shuangxi, TWC Suao, etc.

IDC 10 22:46:12.9,0.8,35.41N:140.80E, h0km, mb3.8/10, mblmp3.8/13, ML3.5/3, Error ellipse: s-maj=2.3km s-min=1.6km az=89.0

JMA 10 22:46:18.4,0.2,35.5N:140.6:141.0E:1.0, h36km, 1km, MV3.4/37, NEAR CHOSHI CITY

ISC 10 22:46:18.0,0.6,35.46N:140.03:140.85E:0.06, h33km, n46, r=178/410, mb3.8/10, 3D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists numerous stations like JSMT Sammumatsuo, JCN Nagara, etc.

OSPL 10 22:47:40.9,1.9,18.23N:69.12W, h120km, 17km, ML2.7 SDD 10 22:47:41.1,2.6,18.55N:69.05W, h111km, 10km, MD3.5, ML2.9

NEIC 10 22:47:42.1,1.6,19.0N:0.2:68.96W:0.05, h43km, 61km, ML2.9/24, Md3.6/7(RSPR), Error ellipse: s-maj=2.97km s-min=6.3km az=183.0

RSPR 10 22:47:43.2,19.50N:68.72W, h25km, 43km, MD3.5/7

ISC 10 22:47:41.7,1.3,18.58N:0.07:69.04W:0.03, h96km, 7km, n49, r=151/65, 23C-9D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like HIDR Higüey Centro, HATM Hato Mayor del, etc.

2017 SEP

Main station list table for 2017 SEP with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like MIDR Isla Saona, SADR Punta Cana, etc.

MEX 10 22:51:49.4,0.9,14.96N:94.38W, h24km, 20km, MD4.0

NEIC 10 22:51:50.2,1.1,15.04N:0.08:94.38W:0.02, h35km, 2km, mb4.0/9, Md4.0/18(MEX), Error ellipse: s-maj=13.2km s-min=3.6km az=187.0

IDC 10 22:51:53.9,3.5,15.26N:94.00W, h68km, 29km, mb3.6/11, mblmp3.8/13, ML3.7/2, MS3.9/1, Error ellipse: s-maj=30.3km s-min=15.8km az=50.0

ISC 10 22:51:46.2,1.7,15.10N:0.06:94.36W:0.03, h11km, 10km, n59, r=1863/69, mb3.9/11, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like PCIG Canovanas, CBYP Canovanas, etc.

Main station list table for 2017 SEP (continued) with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like TGIG, TGIV, TGIV, etc.

UUSS 10 22:56:26.6,1.0,42.592N:0.007:111.45W:0.01, h2km, 2km, Error ellipse: s-maj=1.6km s-min=0.8km az=67.0

NEIC 10 22:56:26.1,1.2,42.596N:0.005:111.45W:0.02, h10km, 1km, ML3.0/9, ML3.1/13(UUSS), Error ellipse: s-maj=2.4km s-min=2.1km az=329.0, Eastern Idaho

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like ID06 Fossil Canyon, ID05 Sulphur Canyon, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like Hansel Valley, Indian Meadow, Boulder Array, etc.

IDC 10 23:09:52.8±1.2, 56.68N:33.80W, h0km, mb3.6/7, mbmp3.6/7, Error ellipse: s-maj=38.9km s-min=22.7km az=23.0

IDC 10 23:09:54.1±1.0, 56.77N:33.80W, h10km, n8, e1909/8, mb3.6/7, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like Sonseca Array, Malin Array Be, etc.

IDC 10 23:28:27.0±2.3, 11.44S:14.26W, h0km, mb3.9/6, mbmp3.8/6, MS3.8/9, Error ellipse: s-maj=51.7km s-min=46.2km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like ASCENSION HYDR 2.49 355, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like ASCENSION HYDR 3.60 359, LIC Lamto, etc.

UPP 10 23:34:07.0±0.4, 67.85N:20.18E, h2km, 5km, ML1.9, Suspected explosion

HEL 10 23:34:08.4±0.1, 67.84N:20.23E, h0km, Explosion

IDC 10 23:34:12.3±1.5, 67.87N:21.00E, h0km, mbmp2.7/3, ML2.0/3, Error ellipse: s-maj=23.0km s-min=9.1km az=120.0

ISC 10 23:34:06.1±0.1, 67.81N:0.03:20.24E:0.03, h0km, n25, +065/25, Sweden

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

SCB 10 23:43:59.5±1.8, 17.53S:65.87W, h8km, 16km, ML3.2/2, MW3.5, 6C-ID, Error ellipse: s-maj=9.4km s-min=7.4km az=0.0, Central Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like ToroToro, La Paz, Chanca, etc.

MEX 10 23:45:41.5±0.6, 13.93N:93.81W, h15km, MD4.2

GOG 10 23:45:42.4±0.5, 14.59N:93.48W, h15km, 16km, MD4.0

IDC 10 23:45:44.3±1.1, 14.03N:93.29W, h57km, 49km, mb3.8/9, mbmp3.8/10, ML4.0/1, MS3.9/3, Error ellipse: s-maj=35.1km s-min=18.3km az=45.0

NEIC 10 23:45:46.5±2.6, 14.10N:0.07:93.62W:0.07, h47km, 8km, mb4.4/76, Md4.2/18(MEX), Error ellipse: s-maj=12.2km s-min=7.9km az=215.0

SNET 10 23:45:55.0±2.6, 14.22N:92.55W, h10km, 71km, ML4.4

ISC 10 23:45:40.2±0.6, 14.01N:0.06:93.80W:0.05, h10km, n149, e1993/155, mb4.4/39, 1C, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like La Paz, Gloria, Mochis, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, H, m, s, ISC. Includes stations like Huatulco, Fuego 3, Pacaya, etc.

11d Oh

Table of astronomical observations for 11d Oh, listing stations like R32A, WCI, P40A, P38A, BAUV, X16A, etc., with columns for station name, magnitude, position, and other parameters.

IDC 10 23:53:48.1±3.1, 29°35'N:57°8'E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=84.8km s-min=28.4km az=157.0

TEH 10 23:53:49.8, 30°03'N:57°66'E, h8km, 51km, ML3.7, DSN 10 23:53:57.5, 1.1, 30°03'N:56°79'E, h15km, ML3.5/5, Error ellipse: s-maj=28.5km s-min=9.3km az=89.0

ISC 10 23:53:52.9±0.8, 30.00N:0.04±57.66E:0.04, h15km, n46, ±154.1, mab3.5/4, Northern and central Iran

Table of astronomical observations for ISC, listing stations like CHMN, TVK, NGRK, KHGB, KBAM, etc., with columns for station name, magnitude, position, and other parameters.

2017 SEP

Main table of astronomical observations for 2017 SEP, listing stations like MKAR, ZALV, TORD, IDC 11 00:05:09.5±6.0, etc., with columns for station name, magnitude, position, and other parameters.

800

Table of astronomical observations for 800, listing stations like MTRA, T1213, T1216, etc., with columns for station name, magnitude, position, and other parameters.

ROM 11 00:09:26.7±0.1, 42.087N:0.004:13.323E±0.005, h8km, ML1.7/8, Error ellipse: s-maj=0.4km s-min=0.2km az=22.0, Central Italy

Table of astronomical observations for ROM, listing stations like PTOR, PTOR, FIAM, etc., with columns for station name, magnitude, position, and other parameters.

UUSS 11 00:12:32.8±0.4, 42.56N:0.01±111.42W:0.01, h8km, 1km, Error ellipse: s-maj=1.7km s-min=1.2km az=219.0

NEIC 11 00:12:32.7±0.5, 42.565N:0.010±141.51W:0.010, h9km, 2km, ML3.2/12, ML3.2/13(UUSS), Error ellipse: s-maj=1.6km s-min=0.9km az=208.0, Eastern Idaho

Table of astronomical observations for NEIC, listing stations like ID06, ID05, AHID, etc., with columns for station name, magnitude, position, and other parameters.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Lake, Norris Junctio, Holmes Hill, Bear Canyon, etc.

KRSC 11 00:25:32.0, 2.0, 55.90N, 163.99E, h42km, 17km, M4.4
MOS 11 00:25:36.7, 0.6, 55.92N, 163.74E, h49km, m4.1/1, Error ellipse: s-maj=52.8km

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Krutoberegovo, Semkarok, Baidarnaya, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Sredinnyy, Esso, Oссора, etc.

MEX 11 00:31:11.7, 0.8, 15:47N, 94:72W, h16km, 19km, MD4.4

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Santiago Nilte, Huatulo, etc.

GCG 11 00:32:10.5, 0.7, 15:36N, 94:85W, h50km, 995km, MD4.8

MEX 11 00:32:17.5, 0.9, 15:00N, 94:37W, h16km, 11km, MD4.9
MOS 11 00:32:17.7, 0.9, 15:27N, 94:12W, h49km, m5.3/74, Error ellipse: s-maj=7.4km s-min=4.3km az=95.3

IDC 11 00:32:19.4, 3.0, 15:20N, 93:99W, h57km, 25km, m4.4/28, mbmp4.6/29, MLS.6/2, MS3.9/38, Error ellipse: s-maj=18.6km s-min=10.4km az=47.0

NEIC 11 00:32:21.0, 2.3, 15:28N, 0:06:94:25W, 0:05, h59km, 6km, m4.9/545, Mds.0/1(MEX), Error ellipse: s-maj=9.4km s-min=7.2km az=185.0

ISC 11 00:32:18.5, 0.5, 15:16N, 104:9433W, h51km, 4km, h51km, 4km, h51km, 4km

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Comitan, Santiago 3, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Puerto Escondi, Arroyo Zacate, etc.

HKT Hockley 1479 355 Iamb Iamb

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, I, S, C. Includes stations like Hockley, Huntsville, TX, etc.





11d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like SAML Samuel, FFC Flin Flon, LPAZ La Paz, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like MMPY Sheldon Lake, FARO Faro, P30M Million Dollar, etc.

804

Table with columns for station name, frequency, power, and other technical details. Includes stations like DIV Divide, K27K Chicken, H29M Whitestone, etc.



Table with columns: NOA, comp, LR, LR, 01 21 26.5, etc. Lists various astronomical observations with their respective parameters and coordinates.

Table with columns: KHC, KHC, KHC, 89.95, 39, eP, P, 00 45 13.3 +0.8, etc. Lists astronomical observations with detailed parameters and coordinates.

Table with columns: az=92.0, DJA 11 01:10:17.5, 0.4, 7.5, S, 3.13, 13.0, etc. Lists astronomical observations with detailed parameters and coordinates.



IDC 11 01:20:06.8:2.6,54.77N:170.45E,h0km,mb3.6/2, mbtmp3.6/3,ML2.9/1,Error ellipse: s-maj=135.9km s-min=32.2km az=178.0

NEIC 11 01:20:06.0:1.7,53.9N:0.2:170.8E:0.1,h10km,2km, mb3.5/3, Error ellipse: s-maj=39.1km s-min=12.7km az=189.0

ISC 11 01:20:08.4:0.9,53.8N:0.2:170.67E:0.07,h35km,n18, s=169/13,mb3.6/3, Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like SMY Shemya, KIWB Kanaga Island, PEAOB Petropavlovsk, PETK, ADK Adak, GSTR Great Sitkin T, ATKA Atka Island, etc.

AUST 11 01:21:13.4:1.0,33.18S:120.08E,h10km, Error ellipse: s-maj=15.5km s-min=7.4km az=162.0

NOU 11 01:21:13.4:33.11S:119.99E,h0km,MLV4.4/8, Western Australia

ISC 11 01:21:12.0:1.0,33.14S:0.06:119.99E:0.04,h10km,n19, s=168/29, Western Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like NWAO Narrogin (SRO), NWAO, NWAO, NWAO Narrogin (SRO), NWAO Narrogin (SRO), KMBL Kambalda, KMBL, NWAO Narrogin (SRO), NWAO Narrogin (SRO), KMBL Kambalda, KMBL, etc.

NEIC 11 01:32:09.7:1.2,12.98N:0.08:143.55E:0.09, h114km,5km,mb4.6/30, Error ellipse: s-maj=14.2km s-min=10.7km az=58.0

IDC 11 01:32:10.7:0.9,9.13N:143.80E,h138km,9km,mb3.7/12, mbtmp3.2/13,ML2.3/2, Error ellipse: s-maj=21.5km s-min=11.4km az=85.0

ISC 11 01:32:07.6:0.4,12.93N:0.06:143.47E:0.07,h100km,n64, s=146/68,mb4.5/26, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like GUMO Guam, GUMO, GUMO, PATS Pohnpei, PATS, JMW Minamidaito 2, JMW, JMW, JMW, MJAR Matsushiro Arr, MJAR, KRSR Korea Array, KRSR, SOEI Soe, SOEI, NJ2 Nanjing, NJ2, NJ2, ASAJ Asahikawa, ASAJ, KNRA Kunurra, KNRA, CTA Charters Tower, CTA, CTAO Charters Tower, CTAO, WBO Warramunga Arr, WBO, MDJ Mudanjiang, MDJ.

Table with columns: WRO, WB2, WRA, WRA, WRA, WRA, LYN, AS31, ASAR, ASAR, ASAR, EIDS, EIDS, XLT, XLT, XLT, XLT, HHC, HEH, HEH, HEH, PZM, PZM, OUCN, ARMA, ARMA, STKA, STKA, STKA, MSVF, MSVF, FORT, FORT, BBOO, BBOO, BBOO, SONM, SONM, SONM, CAN, CAN, MORW, MORW, TOO, WMQ, TKNZ, TCW, MK31, MKAR, MAKZ, MAKZ, ZALV, ZALV, GPZ, GPZ, KURK, KURK, IMAR, KKAR, ILAR, BMAR, GRNC, GRNC, ABKAR, KIRV, NVAR, FINES, FINES, TORD, TORD, PLCA, PLCA, LPAZ, LPAZ. Rows include various station codes and names with associated coordinates and parameters.

JMA 11 01:43:05.0:1.0,23.8N:0.6:122.1E:0.7,h32km,3km, MV3.1/14, TAIWAN REGION

ASIES 11 01:43:06.2:23.80N:122.04E,h36km,ML3.6,Mw3.6, Moment Tensor Solution. Moment tensor: Scale 1021Nm; Mn:0.99; Mxx:1.20; Myy:0.20; Mzz:0.53; Mxy:-2.17; Myz:1.15; Mxz:1.95

Fault plane solution: M2,74411x1021 NP1; e1:195.07000; s3:683.42000; s2:302.27000; NP2:92.96000; e2:05.0000; s1:155.39000; Principal axes: T:Plg36.26600; Azm:55.83700; N:Plg653.42900; Azm:227.30100; P:Plg4.08900; Azm:322.83100;

TAP 11 01:43:06.2:23.80N:122.04E,h36km,ML3.6,B ISC 11 01:43:05.0:1.0,23.76N:0.02:122.09E:0.02,h27km,10km, n151,0s69/213,6C-11Z,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like EOSA EOSA, EOSA, HWA Hwailien, HWA, TEGC Jichi Village, TEGC, TWD Taidwan, TWD, EOS3 EOS3, EOS3, ETL Fush Village, ETL, ETL, ETM Tongmen, ETM, ESL Shilin, ESL, ESL, NACB Ninganchiao, NACB, NACB, NACB, EGFG Guangfu, EGFG, EGFG, WARB Fenglin Township, WARB, WARB, HGSD Huidui, HGSD, HGSD, EOSE EOSE, EOSE.

Table with columns: LXIB, LXIB, LXIB, ETXH, ETXH, ETXH, ENA, ENA, ENA, ECBN, ECBN, ECBN, EWUT, EWUT, EWUT, EHY, EHY, EHY, EYLB, EYLB, EYLB, EYUL, EYUL, EYUL, EYUL, EYUL, EYUL, TWFI, TWFI, TWFI, WHF, WHF, WHF, WHF, OWD, OWD, OWD, WVDW, WVDW, WVDW, TWC, TWC, TWC, CHGB, CHGB, CHGB, WUSB, WUSB, WUSB, FULB, FULB, FULB, NNSB, NNSB, NNSB, NNSH, NNSH, NNSH, LATG, LATG, LATG, NDS, NDS, NDS, CHKT, CHKT, CHKT, NNS, NNS, NNS, NNS, TWT, TWT, TWT, TDCB, TDCB, TDCB, NDT, NDT, NDT, ENT, ENT, ENT, SSLB, SSLB, SSLB, ECS, ECS, ECS, JYNG, JYNG, JYNG, WPL, WPL, WPL, EDH, EDH, EDH, EGS, EGS, EGS, FUSB, FUSB, FUSB, SMLT, SMLT, SMLT, DPDB, DPDB, DPDB, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, YHNB, YHNB, YHNB, WNC, WNC, WNC, NSK, NSK, NSK, WHYT, WHYT, WHYT, TYC, TYC, TYC, ELDTW, ELDTW, ELDTW, ELDTW, ELDTW, ELDTW, NWLT, NWLT, NWLT, WHP, WHP, WHP, ALS, ALS, ALS, ALS, LDUT, LDUT, LDUT, LDUT, LDUT, LDUT, LONT, LONT, LONT, LONT, LONT, LONT, TIPB, TIPB, TIPB, TIPB, TIPB, TIPB, NFF, NFF, NFF, TWB1, TWB1, TWB1, WJS, WJS, WJS, WNT, WNT, WNT, NHDH, NHDH, NHDH.

11d 2h

Table of station data for the 11d 2h period, listing station names, codes, and various parameters.

2017 SEP

Main table of station data for September 2017, including station names, codes, and parameters.

808

Table of station data for the 808 period, listing station names, codes, and various parameters.



Table with columns for station ID, name, coordinates, and status. Includes stations like PTLB Pontes e Lacer, T35M Bob Quinn, SALV Santo Antonio, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like K24K Donnelly Dome, F28M Old Crow, SML Sawmill, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like TTA Tatiana, I20K Naaghedeneel, PPT2 Paapee2, etc.

TAP 11 02:25:41.6, 24:77N, 122:06E, h71km, ML4.8, B NIED 11 02:25:41.4, 24:76N, 122:07E, h73km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mw:0.48; Mb:0.52; Ms:0.04; Mw:0.07; Mw:0.80; Fault plane solution: M1, 20000x10^15 NP1; sigma\_1: 198.00000, sigma\_2: 73.00000, sigma\_3: 7.00000; NP2: sigma\_1: 0.00000, sigma\_2: 846.00000, sigma\_3: 1.156.00000.







11d 3h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Accuracy, Distance Accuracy, and other parameters. Includes stations like L16K, H16K, J16K, etc.

2017 SEP

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Accuracy, Distance Accuracy, and other parameters. Includes stations like I21K, I21K, F21K, etc.

814

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Accuracy, Distance Accuracy, and other parameters. Includes stations like O28M, H27K, G27K, etc.

Station status and error messages: IDC 11 03:15:16.3:0.9, 57:20N:33:66W, h0km, mb3.8/14, mbmp3.8/16, ML3.7/2, MS3.8/7, Error ellipse: s-maj=28.1km s-min=16.0km az=1.0, NEIC 11 03:15:18.9:2.0, 57:24N:01:33:39W:0.07, h10km, 1km, mb4.3/23, Error ellipse: s-maj=24.0km s-min=3.8km az=166.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BORG, EKA, FRB, etc.



Table with columns: M30M, M29M, J26L, Q32M, KBZ, BCAR, ILAR, PDAR, IMAR, K20K, TORD, NLWA, ABKAR, N19K, CNPM, ZALV, GEYT, MK31, MKAR, H10N2, H10N3, H10N1, SONM, ATAH, NNA, CPUR, WRA, ASAR, QSPA, FORT. Includes station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station names like Suchitpequez, Fuego 3, Santiago 3, Las Nubes, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station names like Port Moresby, Keravat, Warramunga, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station names like Depew, Alvarado, etc.

Table with columns: DEOK, IAML, FW13, X40A, S39A, KSU1, KSU2, KSU3, KSU4, KSU5, KSU6, KSU7, KSU8, KSU9, KSU10, KSU11, KSU12, KSU13, KSU14, KSU15, KSU16, KSU17, KSU18, KSU19, KSU20, KSU21, KSU22, KSU23, KSU24, KSU25, KSU26, KSU27, KSU28, KSU29, KSU30, KSU31, KSU32, KSU33, KSU34, KSU35, KSU36, KSU37, KSU38, KSU39, KSU40, KSU41, KSU42, KSU43, KSU44, KSU45, KSU46, KSU47, KSU48, KSU49, KSU50, KSU51, KSU52, KSU53, KSU54, KSU55, KSU56, KSU57, KSU58, KSU59, KSU60, KSU61, KSU62, KSU63, KSU64, KSU65, KSU66, KSU67, KSU68, KSU69, KSU70, KSU71, KSU72, KSU73, KSU74, KSU75, KSU76, KSU77, KSU78, KSU79, KSU80, KSU81, KSU82, KSU83, KSU84, KSU85, KSU86, KSU87, KSU88, KSU89, KSU90, KSU91, KSU92, KSU93, KSU94, KSU95, KSU96, KSU97, KSU98, KSU99, KSU100. Includes station names like S. Brethren Rd, Battle Ridge R, Leonard, etc.

Table with columns: FW13, X40A, S39A, KSU1, KSU2, KSU3, KSU4, KSU5, KSU6, KSU7, KSU8, KSU9, KSU10, KSU11, KSU12, KSU13, KSU14, KSU15, KSU16, KSU17, KSU18, KSU19, KSU20, KSU21, KSU22, KSU23, KSU24, KSU25, KSU26, KSU27, KSU28, KSU29, KSU30, KSU31, KSU32, KSU33, KSU34, KSU35, KSU36, KSU37, KSU38, KSU39, KSU40, KSU41, KSU42, KSU43, KSU44, KSU45, KSU46, KSU47, KSU48, KSU49, KSU50, KSU51, KSU52, KSU53, KSU54, KSU55, KSU56, KSU57, KSU58, KSU59, KSU60, KSU61, KSU62, KSU63, KSU64, KSU65, KSU66, KSU67, KSU68, KSU69, KSU70, KSU71, KSU72, KSU73, KSU74, KSU75, KSU76, KSU77, KSU78, KSU79, KSU80, KSU81, KSU82, KSU83, KSU84, KSU85, KSU86, KSU87, KSU88, KSU89, KSU90, KSU91, KSU92, KSU93, KSU94, KSU95, KSU96, KSU97, KSU98, KSU99, KSU100. Includes station names like Basin Creek Fa, Bolivar, etc.

11d 4h

Table of station data for the 11d 4h region, including columns for station name, coordinates, and various parameters like SNR and time.

2017 SEP

Table of station data for the 2017 SEP region, including columns for station name, coordinates, and various parameters like SNR and time.

816

Table of station data for the 816 region, including columns for station name, coordinates, and various parameters like SNR and time.



Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists stations like RIO Macho, Paraso, Juan Vinas, Cartago, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Samana, DR, Miches, Hatoy Mayor del, Nagua, Higüey Centro, etc.

MEX 11 05:29:28.5 ± 0.7, 15:17N:93:33W, h70km, 10km, MD4.7
NEIC 11 05:29:28.8 ± 2.8, 15:28N:0:06:93:29W ± 0.05, h19km, 9km,
mb4.3/1.9, Md4.711(MEX), Error ellipse: s-maj=9.1km

IDC 11 05:29:30.2 ± 3.6, 15:32N:92:39W, h102km, 35km, mb3.8/7,
mbtmp4.1/9, MS3.4/23, Error ellipse: s-maj=34.0km,
s-min=15.4km az=64.0

GCG 11 05:29:46.9 ± 1.8, 14:72N:92:08W, h29km, 7km, MD4.2
ISC 11 05:29:28.5 ± 0.7, 15:30N:0:06:93:17W ± 0.05, h83km, 6km,
n211, c1541/196, mb4.2/43, Near coast of Hispaniola

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CODE, PCIG, PATR, PAVE, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists stations like TOIG, TGUH, CRIN, etc.

SDD 11 05:04:24.1 ± 2.7, 19:35N:69:29W, h15km, 16km, MD3.5,
ML2.6
OSPL 11 05:04:26.9 ± 0.3, 19:21N:69:27W, h0km, 20km, ML2.4
ISC 11 05:04:23.3 ± 0.3, 19:30N:0:05:69:23W ± 0.02, h17km, 6km,
n211, c1542/37, 22C-5D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mountain Grove, Chingua, Tackaleechee C, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like UUSS 11 06:02:20.1.0.6.42.566N.0.008.111.43W.0.01, NEIC 11 06:02:19.9.0.6.42.570N.0.007.111.44W.0.01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCO comp=E,6.1nm,4.2s, IAML 06 06 20.7, F10A Beach Ranch, E, 5.37 311 Pn Pn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and BATI Baumata.

IDC 11 06:22:32.5.1.1, 25.64N, 128.83E, h0km, mb3.6/4, mbtmp3.7/5, ML3.6/1, MS2.6/1, Error ellipse: s-maj=59.5km

JMA 11 06:22:34.9, 25.65N, 129.00E, h48km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

ISC 11 06:22:33.2, 2.3, 25.66N, 0.06, 128.98E, 0.04, h12km, 15km, n20, c170/28, mb3.5/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTT3 Tamagusuku3, JNTH Nagatoyohara, JOW Kunigami, and CMAR Chiang Mai Arr.

NEIC 11 06:38:39.5, 1.0, 18.89N, 0.09, 145.4E, 0.2, h202km, 10km, mb4.2/19, Error ellipse: s-maj=32.7km s-min=12.4km

IDC 11 06:38:40.6, 2.0, 18.80N, 145.53E, h221km, 21km, mb3.3/10, mbtmp3.9/13, Error ellipse: s-maj=24.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, JCJ Chichijima, JGW Kunigami, and MAJJO Matsushiro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKUT Akutan, FKORT Forrest, MKAR Makanchi Array, and KDAD Kodiak Island.

IDC 11 06:45:24.1, 1.2, 21.9N, 0.3, 94.7E, 0.2, h97km, n15, c057/16, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRDH Baridaha, CMAR Chiang Mai Arr, DMN Dama, and RAMM Ramite.

IDC 11 06:52:43.6, 1.4, 10.48S, 152.83E, h0km, mb3.9/7, mbtmp3.9/7, MS3.4/10, Error ellipse: s-maj=57.1km

ISC 11 06:52:49.1, 1.3, 10.5S, 0.2, 152.7E, 0.3, h35km, n14, c1949/8, mb4.0/6, MS3.3/9, D'Entrecasteaux Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 11 07:05:18.4, 1.3, 49.74N, 81.59E, h0km, mbtmp2.9/2, ML2.3/2, Error ellipse: s-maj=17.6km s-min=9.5km

ASRS 11 07:05:19.5, 0.7, 50.1N, 3.8E, h9km, MLh3.1/9, Error ellipse: s-maj=7.0km s-min=4.4km az=42.7, confirmed

NMC 11 07:05:19.7, 1.5, 49.91N, 81.73E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=21.0km s-min=4.0km az=49.0, Suspected Mining explosion.

ISC 11 07:05:16.6, 0.9, 49.64N, 0.03, 81.57E, 0.02, h0km, n27, c1942/44, SC-3D, Eastern Kazakhstan

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

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

IDC 11 07:07:20.3, 3.3, 36.88N, 71.49E, h115km, 29km, mb3.6/16, mbtmp4.0/19, Error ellipse: s-maj=19.9km s-min=14.5km

NMC 11 07:07:20.1, 1.8, 37.08N, 70.87E, h96km, 37km, mb3.8, mpv4.5, Error ellipse: s-maj=18.7km s-min=9.1km

ISC 11 07:07:17.9, 0.5, 36.93N, 0.05, 71.11E, 0.06, h88km, n59, c199/6/7, mb4.0/16, SC-3D, Afghanistan-Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TASR Tashtagol, NVS Novosibirsk, NVS Novosibirsk, and NVSH Novosibirsk.

IDC 11 07:07:20.3, 3.3, 36.88N, 71.49E, h115km, 29km, mb3.6/16, mbtmp4.0/19, Error ellipse: s-maj=19.9km s-min=14.5km

NMC 11 07:07:20.1, 1.8, 37.08N, 70.87E, h96km, 37km, mb3.8, mpv4.5, Error ellipse: s-maj=18.7km s-min=9.1km

ISC 11 07:07:17.9, 0.5, 36.93N, 0.05, 71.11E, 0.06, h88km, n59, c199/6/7, mb4.0/16, SC-3D, Afghanistan-Tajikistan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, HFS Hagfors, NB2 NORSAR Subarra, etc.

IDC 11 07:24:55.0, 1.0, 24:27S:66:90W, h175km, 10km, mb3.0/4, mbtmp3.6/10, Error ellipse: s-maj=17.9km s-min=12.3km

SJA 11 07:24:55.8, 1.1, 24:23S:67:03W, h195km, 9km, ML3.8, MW3.7

NEIC 11 07:24:56.5, 1.5, 24:26S:01:06E, h11W:0.10, h200km, 8km, mb4.3/12, ML4.3(GUC), Error ellipse: s-maj=12.9km s-min=9.4km az=90.0

GUC 11 07:24:57.4, 0.7, 24:17S:67:33W, h204km, 11km, ML4.3

ISC 11 07:24:55.9, 0.6, 24:26S:00:47, Chile-Argentina border, n88, +f29/109, mb3.25, 6C-1D, 30E

Main table of station data for the 11cd 7h event, listing station names, coordinates, and operational status.

Table for 2017 SEP, listing stations like Puerto Octay, San Ignacio de, Futaleuf, etc., with their respective coordinates and operational status.

IDC 11 07:25:19.1, 8.8, 14:49N:93:37W, h0km, mb3.2/2, mbtmp3.2/3, ML3.6/11, MS3.3/1, Error ellipse: s-maj=297.8km s-min=123.9km az=40.0

MEX 11 07:25:28.3, 0.4, 14:95N:94:23W, h60km, MD4.0

ISC 11 07:25:28.5, 1.5, 15:00N:01:94:13W, h35km, n9, +093/173, Near coast of Oaxaca

Table of station data for the 2017 SEP event, including stations like PCIG, PATR, PAVE, etc.

KRSC 11 07:31:10.7, 1.5, 6:16N:170:11E, h24km, 13km, MI4.2, Eastern Siberia

Table of station data for the KRSC event, including stations like KMSK, TLK, etc.

IDC 11 07:35:43.0, 2.0, 18:54N:145:72E, h194km, 19km, mb3.5/13, mbtmp4.1/15, Error ellipse: s-maj=21.5km s-min=11.9km az=87.0

NEIC 11 07:35:45.5, 1.8, 18:55N:0:08, 145:5E:0.1, h204km, 2km, mb4.3/36, Error ellipse: s-maj=18.0km s-min=10.8km az=82.0

ISC 11 07:35:44.0, 0.4, 18:53N:0:06, 145:6E:0.1, h200km, n74, +088/73, mb4.2/30, Mariana Islands

Main table of station data for the 2017 SEP event, listing stations like GUMO, GU, JACS, etc.

Table of station data for the 2017 SEP event, including stations like ZALV, MK31, MKAR, etc.

IDC 11 07:41:36.4, 0.0, 38:60N:26:97E, h7km, 2km, ML1.0, Aegean Sea

ISC 11 07:41:40.8, 36:90N:27:68E, h14km, 2km, ML0.8/6, Dodecanese Islands

Table of station data for the 2017 SEP event, including stations like J26L, BMAR, etc.

IDC 11 07:47:21.8, 0.5, 44:1N:4:5, h0km, ML0.9/6, Error ellipse: s-maj=0.0km s-min=0.0km az=174.5, preliminary

ROM 11 07:47:21.0, 1.0, 44:29N:0:01, 8:029E:0009, h0km, ML0.4/5, 3C-1D, Error ellipse: s-maj=1.3km s-min=0.7km az=344.0, Northern Italy

Main table of station data for the 2017 SEP event, listing stations like RFTA, RFTC, etc.



Table with columns: NDIM, Nov, di, Mod, 2.13, 73, P, Pn, 07 47 53.7 -4.2, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ID, h, m, s, Time, Res, etc.

IDC 11 07:57:33.4-0.7, 15.00N-94.24W, h0km, mb4.2/20, mbtmp4.2/22, ML3.9/2, MS3.8/45, Error ellipse: s-maj=27.4km s-min=12.2km az=55.0

MEX 11 07:57:39.2-0.7, 15.09N-94.31W, h17km, 64km, MD4.6, NEIC 11 07:57:40.1-2.2, 15.17N-0.07-94.24W, 0.05, h36km, 88km, mb4.8/261, Mwr4.1/22, Md4.6/17(MEX), Error ellipse: s-maj=11.1km s-min=6.7km az=191.0, Moment Tensor Solution, Moment Tensor: Scale 1.01Nm, M1=-3.57, M2=4.50, M3=-0.94; Mw=1.47, Mw-0.36; Mw-3.14, Fault plane solution: Ms5.40000, 1015, NP1=304, 350000, 564, 74000, lambda=56.860000, NP2=67, 52000, 640, 78000, lambda=139.20000, Principal axes: T 4.9362, P14.0000, Azm11.0000; N 0.8261, P130.0000, Azm109.0000; P -5.7623, P1657.0000, Azm259.0000;

NEIC 11 07:57:45.8, 15.40N-93.83W, h66km, GCG 11 07:57:39.5-0.6, 15.11N-0.05-94.26W, 0.04, h38km, 11km, n565, s1940/516, mb4.7/104, MS3.9/48, Near coast of Oaxaca

Main table for Oaxaca region with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ID, h, m, s, Time, Res, etc.

Main table for 2017 SEP region with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ID, h, m, s, Time, Res, etc.

Main table for 11d 7h region with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ID, h, m, s, Time, Res, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like W18A, W18G, W18C, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like HVU, NV11, ELK, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like PNL, O29M, YUK6, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like F25K Christian River, I23K Minto, G24K Hadweenc Riv, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like ESDC Sonsea Array, MDT Midelt, NB2 NORSAR Subarra, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like J26L Joseph Creek, BCAR Beaver Creek A, M29M Somme Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like MCBP Macapa, AP, MALB Monte Alegre, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like PCDR Punta Cana, DR, IDE Isla Descecho, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like MIDR Miches, MIDR Punta Cana, DR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like AGPR Aguadilla, PR, AGPR Punta Cana, DR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like SADR Isla Saona, SADR Punta Cana, DR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HATOM, CRPR Cabo Rojo, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 11 08:34:37.0, ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 11 08:37:51.9, NNC 11 08:37:53.6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 11 08:38:12.2, FRB Frobenier Bay, ESDC Soineca Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 11 08:38:35.4, IDJA 11 08:38:39.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TTSI Tana Toraja, MRSI Marisa, LUWI Luwuk, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, MSZ Milford Sound, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WYZ Waitaha Valley, MHC Mouth Hutt, WACZ Wakaniou South, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 11 09:10:47.6, IDC 11 09:10:49.7, etc.

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EIDS Eidsvold, MTN Manton Dam, WRB Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI 11nm,0.3s, MSVF Nonsavu, RAR Rarotonga, DZM Mont Dzumac, PPT2 Papeete, PPT1 Papeete, PPT2 Papeete, PPT1 Papeete, TBI Tubuai, URZ Urewera, TAOE Nuku Hiva Isla, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, RPN Rapa Nui.

IDC 11 09:15:56.0,3.1,53.56N,87.85E,h0km,mbtmp3.0/2,ML2.7/2,Error ellipse: s-maj=28.0km s-min=16.1km az=54.0,Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include I46RU ZALESOVO INFRA, ZALV Zalevovo Beam, ZALV 1.0nm,0.5s, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR 0.1nm,0.3s.

IDC 11 09:26:22.7,1.5,15.31N,94.27W,h0km,mb3.9/10,mbtmp3.8/11,ML3.2/1,MS3.7/6,Error ellipse: s-maj=55.0km s-min=19.8km az=48.0

MEX 11 09:26:27.5,0.8,15.13N,94.68W,h19km,12km,MD4.4 NEIC 11 09:26:28.2,3.0,15.32N,0.05,94.57W,0.4,0,h38km,10km,mb4.4/20,MD4.4/16(MEXN). Error ellipse: s-maj=8.7km s-min=0.9km az=216.0

ISC 11 09:26:25.1,2.9,15.35N,0.06,94.65W,0.03,h17km,19km,n73,i162/77,mb4.3/19,MS3.7/5,Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include NILT Santiago Nilite, PCIG 1.42 75, HUIG Huatulco, HUIG Huatulco, TGIG 2.04 46, PATR El Naranjo, PAVE Pavencul, CHUJ Union Juarez, CCIG Comitán, RTAL Retalhuleu, HUEH Huehuetenango, TOIG Toxpalán, HLIG Huajuapán de L, TLIG Tiapa, ESQI Esquipulas, MTO3 Montecristo, TGUH Tegucigalpa,Un, TEIG Tepich, CRIN San Cristobal, MATN Matagalpa, ORTG Ortega, Santa, HDC Heredia, TXAR Lajitas Array, LRAL Lakeview Retre, MJAR Mount Ida, FPAL Fort Paine, ZARC Zaragoza, CAUC Guaymas, NORC Norcoisa, SPBC San Pablo de B, U49A Red Boiling, ROSC El Rosal, BARC Barichara, PAMC Pamplona, CHIC Chingaza, RUSC La Rusia, T50A Nancy, TZTN Tazewell, WCI Wyandotte Cave, WCI Wyandotte Cave, P40A Paris, P38A Dawn, SDV Santo Domingo, R53A Hurricane, O49A Covington, T59A Double "B" Far, T59A Double "B" Far.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Q54A Cox's Mills, BAUV El Bau, O52A Adamsville, JFWS Jewell Farm, K43A Burlington, ECSD EROS Data Cent, M53A W Miller, NVAR Mina Array, NEW Newport, FFC Flin Flin, MDP Montagnes Des, SCHO Scheferville, SIV San Ignacio, YKA Yellowknife Arr, SFJD Kangerlussuaq, ILAR Eielson Array, EKA Eskdalemuir Arr, ESDC Sonseca Array, FINES FINESS Array B, TORD Torodi Arr, VAE Valguarnera, BOSA Boshof Arr.

IDC 11 09:36:32.0,0.4,42.53N,111.39W,h0km,mb4.1/19,mbtmp4.1/28,ML3.4/9,MS3.7/31,Error ellipse: s-maj=7.7km s-min=4.5km az=161.0 UUSS 11 09:36:31.9,0.7,42.53N,0.1,111.4W,0.2,h7km,10km, Error ellipse: s-maj=19.3km s-min=15.5km az=84.0 ANF 11 09:36:31.7,0.6,42.51N,111.37W,h0km,ML4.3/6, Error ellipse: s-maj=8.3km s-min=6.4km az=135.0 NEIC 11 09:36:31.6,1.0,42.55N,0.02,111.43W,0.03,h2km,4km,mb4.3/52,ML4.2/98,Mw4.3/94,ML4.4/16(UUSS). Error ellipse: s-maj=3.3km s-min=2.1km az=115.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1=-1.69; M2=1.28; M3=2.97; M4=-1.39; M5=1.20; M6=-0.37; Fault plane solution: Mo3.19000x10^15 Np1.0,48.53000°, 665.74000°, A-42.85000°. NP2.0,159.39000°, 851.68000°, A-148.42000°. Principal axes: T 3.3920, Pigs.0000°, Azm107.0000°, N 0.4545, Pigs42.0000°, Azm205.0000°, P 2.9375, Pigs0.0000°, Azm8.0000° NEIC 11 09:36:32.0,42.55N,111.43W,h7km, ISC 11 09:36:32.0,9,42.54N,0.02,111.43W,0.02,h5km,6km,n343,i1955/329,mb4.2/22,MS3.8/31,Eastern Idaho

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include ID06 Fossil Canyon, ID05 Sulphur Canyon, AHID Auburn Hatcher, GRRI Grays Lake, ID08 Devils Gate, ID08 25um,0.7s, ECR Eagle Creek, ID07 Smith Canyon, BEI Bear River Ran, L17A Koveville, BMUT Black Mountain, MLJ Malad Range, HDU Hyde Park, REDW Red Top Meadow, REDW Red Top Meadow, REDW 12um,0.6s, PTD 5um,0.6s, HWUT Hardware Ranch, WYUT Wellsville, FXWY Fox Creek, LTL Little Mountai, HLU Hansel Valley, MOOW Moose Ponds, MW00 Boulder Array, MW06 Boulder Array, MW06 7um,0.9s, MW06 Boulder Array, MW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Indian Meadow, TCUT Toone Canyon, SPUT South Promonto, SPUT 3um,N,4um,0.7s, SPUT Camp Tracy, CTU Camp Tracy, H17A Grand Village, H17A Grand Village, H17A Grand Village, BGU Big Grassy Mou, BGU Big Grassy Mou, BGU Camp Tracy, BSUT Blindstream Ca, BSUT Blindstream Ca, LKWW Lake

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include LKWW comp=N,1um,0.8s, LKWW comp=N,1um,1.2s, YNR Norris Junction, YHH Holmes Hill, BCYI Bear Canyon, YMP Mirror Lake Pl, RDMU Red Mountain, RDMU Red Mountain, RDMU comp=E,2um,1.1s, RDMU comp=N,2um,1.2s, HLID Hailey, HLID Hailey, HLID comp=N,1um,0.9s, HLID comp=N,1um,0.9s, HLID Hailey, HLID Duval Toolee, MCMT McKenzie Canyo, MPU Maple Canyon, MPU Maple Canyon, DUG Dugway, DUG Dugway, DUG comp=E,1um,1.2s, DUG comp=E,967nm,1.1s, DUG Duval Toolee, DUG baz=23,SNR=216, DUG baz=23, NLY Lily Min, NLE Yellowstone No, DLMT Dillon, DLMT Dillon, DLMT comp=E,761nm,1.6s, DLMT comp=E,684nm,1.6s, RLMT Red Lodge, RLMT Red Lodge, RLMT baz=212,SNR=75, RLMT baz=212,SNR=75, P18A Preston Tunnel, P18A Preston Tunnel, BOZ Bozen (W), BOZ Bozeman (W), RWWY Rawlins, TMUT Trail Mountain, TMUT Trail Mountain, TMUT comp=E,1um,0.9s, TMUT comp=N,1um,0.7s, MFID Camas Ranch, MFID comp=N,991nm,1.0s, MFID comp=N,938nm,1.1s, O20A Mount River C, O20A White River C, ELK Elko, ELK Elko, ELK comp=N,2.8nm,0.3s, ELK comp=N,12nm,0.3s, ELK comp=N,7.2nm,0.3s, GCMT Greycliff, SRU San Rafael Swe, K22A Casper, K22A Casper, K22A Casper, K22A Casper, TCRU Three Creeks R, TCRU Three Creeks R, TCRU comp=N,474nm,1.1s, TCRU comp=E,493nm,1.0s, ELMT Elliston, MVU Marysville, BPMT Black Pine Rid, SPR3 Spring Creek 3, SPR3 Spring Creek 3, SPR3 comp=E,235nm,1.4s, SPR3 comp=N,177nm,0.9s, PLID Pearl Lake, PLID Pearl Lake, PLID comp=N,242nm,1.2s, PLID comp=N,266nm,1.4s, BEMT Mount Beaman, N23A Red Feather La, N23A Red Feather La, PSUT Pine Spring, PSUT Pine Spring, MTPU Mount Pierson, PHWY Pilot Hill, HMU Henry Mountain, MSO Missoula, MSO Missoula, MSO comp=E,348nm,1.1s, MSO comp=N,349nm,1.3s, OVMT Ovando, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, R11B Troy Canyon, C, LAO LASA Array, LAO LASA Array, LAO LASA Array, LAO LASA Array, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, EGMT Eagleton, BRIGG Brigdale, MVCO Mesa Verde, MVCO Mesa Verde, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, Q24A Divide, KVN Kaiselville, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, PAHR Pah Rah Range, NVAR Mina Array, NVAR Mina Array, NVAR Lake

11d 9h

2017 SEP

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like NVAR, TPNV, NEW, etc.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like X37A, P40A, WHTX, etc.

Table with columns: Station, Frequency, Class, Power, and other technical details. Includes stations like MCWV, N31M, M31M, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, KBZ, WMQ, KOWA, GNI, TORO, GEYT, WRA, ASAR.

IDC 11 09:38:36.2-1.2, 42.45N:111.61W, h0km, mb3.4/1, mbmp3.8/3, ML3.6/2, MS3.5/8, Error ellipse: s-maj=19.5km s-min=6.4km az=158.0

UUSS 11 09:38:39.4-0.9, 42.55N:101.111.45W:0.03, h5km, 2km, Error ellipse: s-maj=2.7km s-min=1.5km az=100.0

NEIC 11 09:38:39.2-0.6, 42.56N:103.111.46W:0.02, h5km, 2km, ML.4, 1/16, ML.4, 2/30(UJCS), Error ellipse: s-maj=4.4km s-min=2.0km az=158.0

ISC 11 09:38:39.6-1.0, 42.54N:103.111.43W:0.03, h13km, 8km, n49, c070/40, MS3.5/5, Eastern Idaho

Main table listing station data for the 829 page, including codes like ID06, AHID, GRII, ECR, L17A, MLI, PDI, etc.

UUSS 11 09:38:45.5-0.8, 42.557N:101.111.46W:0.03, h5km, 3km, Error ellipse: s-maj=2.9km s-min=0.9km az=93.0

NEIC 11 09:38:45.5-0.8, 42.555N:100.005.111.45W:0.03, h5km, 3km, ML.1/3(UJCS), Error ellipse: s-maj=2.8km s-min=0.9km az=91.0, Eastern Idaho

Table listing station data for the 2017 SEP page, including codes like ID06, ID05, AHID, GRII, ECR, etc.

IDC 11 09:40:47.2-1.6, 37.12N:141.128E, h67km, 15km, mb3.5/12, mbmp3.9/18, MS2.9/5, Error ellipse: s-maj=14.5km s-min=9.4km az=99.0

JMA 11 09:40:49.0-0.1, 37.2N:103.141.1E:0.7, h86km, MD3.8/39, MV4.2/39, E OFF FUKUSHIMA PREF

JMA Felt II J1 at E OFF FUKUSHIMA PREF

NIED 11 09:40:49.0, 37.15N:141.14E, h86km, MW3.9, Moment Tensor Solution, s1 Moment tensor: Scale 10^14Nm; Mw=4.36; Ms=0.43; Ms+1.72; Mw-1.52; Mw+1.6; Mw+3.85;

Fault plane solution: M=85000x10^14 NPM; P: 179.00000; 868.00000; -1.137.00000. NP2: 0.70.00000; 851.00000; -1.29.00000

ISC 11 09:40:48.9-0.8, 37.16N:105.141.18E:0.07, h83km, 6km, n63, c097/58, mb3.9/13, 14D, Near east coast of eastern

Main table listing station data for the 2017 SEP page, including codes like ID06, ID05, AHID, GRII, ECR, etc.

WRA Warramunga Arr 57.16 188 P P 09 50 26.5 -0.6 comp=N, 0.3m, 0.6s, baz=3.7, slow=6.9, SNR=7.3 comp=N, 0.3m, 0.6s

Table listing station data for the 11d 9h page, including codes like ASAR, STKA, AKASG, NVAR, PDAR, etc.

IDC 11 09:43:03.2-4.1, 48.91S:120.33E, h0km, mb3.7/3, mbmp3.8/3, MS3.6/11, Error ellipse: s-maj=125.5km s-min=74.7km az=123.0, Western Indian-Antarctic Ridge

Table listing station data for the 11d 9h page, including codes like H01W2, H01W1, H01W3, STKA, etc.

JMA 11 09:43:27.0-3.0, 23.1N:109.9:121.9E:0.8, h0km, TAIWAN REGION

TAP 11 09:43:30.8, 23.28N:121.69E, h39km, ML2.8, C

ISC 11 09:43:31.9-1.0, 23.29N:102.121E:0.03, h31km, 2km, n81, c073/148, Taiwan

Main table listing station data for the 11d 9h page, including codes like ECBN, HGSD, EYUL, etc.

Table with columns: TTN, TWGBT, TWG, LXIB, TWD, OWD, ALS, SSSLB, STYH, WHYT, WUSB, NACB, CHGB, CHGB, SMLT, WHF, WHF, ETLH, ECL, ECL, TPUB, TPUB, TPUB, CHN5, CHN5, TYC, TYC, WTP, WTP, WLT, WLT, WCKO, WCKO, CHN4, CHN4, WJS, WJS, SGST, SGST, EOST, EOST, WCS, WCS, CHN1, CHN1, THK, THK, SSS, SSS, TSMG, TSMG, EWUT, EWUT, MASBT, MASBT, NNSB, NNSB, NNS, NNS, TAWH, TAWH, WHP, WHP, LATG, LATG, TCU, TCU, NDT, NDT, SCZT, SCZT, SCZT, TWC, TWC, TWQ1, TWQ1

Table with columns: TWQ1, ENTT, NSY, NSY, YHNB, YHNB, YHNB, NFF, NFF, FUSB, FUSB, LIOB, LIOB, NWL, NWL, NWLT, NWLT, TWKBT, TWKBT, TIPB, TIPB, YQJ, YQJ, SX11, SX11, HATJ, HATJ, PRGZ, PRGZ, MHGZ, MHGZ, KNZ, KNZ, RIGZ, RIGZ, CNGZ, CNGZ, TKGZ, TKGZ, SNGZ, SNGZ, WHZ, WHZ, TWGZ, TWGZ, MWZ, MWZ, RAHZ, RAHZ, PUZ, PUZ, ARHZ, ARHZ, RTZ, RTZ, MTHZ, MTHZ, CKHZ, CKHZ, NMHZ, NMHZ, PKGZ, PKGZ, RUGZ, RUGZ, WMGZ, WMGZ, MUGZ, MUGZ, MHZ, MHZ, HAZ, HAZ, KAHZ, KAHZ, BKZ, BKZ, MRHZ, MRHZ, MXZ, MXZ, KXZ, KXZ, EDZ, EDZ, RRRZ, RRRZ, WHRZ, WHRZ, PRRZ, PRRZ, ALZ, ALZ, KRHZ, KRHZ, MARZ, MARZ, MKRZ, MKRZ, HRRZ, HRRZ, HLRZ, HLRZ, OPZ, OPZ, PRHZ, PRHZ, GRRZ, GRRZ, UTU, UTU, WHZ, WHZ, PNHZ, PNHZ, NGRZ, NGRZ, KARZ, KARZ, RITZ, RITZ, RATZ, RATZ, KUTZ, KUTZ, MUVZ, MUVZ, TMVZ, TMVZ, KATZ, KATZ, ANWZ, ANWZ, NTVZ, NTVZ, OTVZ, OTVZ, TGRZ, TGRZ, KRVZ, KRVZ, TUZ, TUZ, SNVZ, SNVZ, PNVZ, PNVZ, TSZ, TSZ, DVHZ, DVHZ, NGZ, NGZ, VVZ, VVZ, WNVZ, WNVZ, FVZ, FVZ, KMRZ, KMRZ, TWVZ, TWVZ, PKVZ, PKVZ, BFZ, BFZ, PRWZ, PRWZ, POWZ, POWZ, TOZ, TOZ, THVZ, THVZ, WAZ, WAZ, MRZ, MRZ, HIZ, HIZ, VRZ, VRZ, THVZ, THVZ, HOWZ, HOWZ, OGWZ, OGWZ, MTW, MTW, TRWZ, TRWZ, KIW, KIW, PAWZ, PAWZ, CAW, CAW, NEZ, NEZ, KHEZ, KHEZ

Table with columns: PKE, MSWZ, PLWZ, TCWZ, DWZ, TUZ, NNZ, TNZ, QRZ, MRNZ, THZ, KUTZ, LTZ, CTZ

NEIC 11 10:30:31.8,2.9,15.18N;0.08:94.33W;0.03,h35km;14km, mb4.4/63,MD4.5/19(MEX), Error ellipse: s-maj=11.5km

MEX 11 10:30:32.0,0.8,15.02N;94.31W,h16km;19km,MD4.5 IDC 11 10:30:34.0,3.2,15.31N;94.09W,h68km;27km,mb3.6/18, mbmp3.9/20,MS3.3/7, Error ellipse: s-maj=25.3km s-min=15.5km az=49.0

ISC 11 10:30:30.1,0.15,10N;0.06:94.35W;0.04,h48km;10km, n100,r160/95,mb4.3/32,MS2.9/6,Near coast of Oaxaca

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





11d 13h

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like QSPA South Pole Qui, KDKA Kodiak Island, SEY Seymchan, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like MARNC Mare, Loyalty, LIFENC LIFENC, YATNC Mamie plateau, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like GLKZ Green Lake, MSVF Nonsavu, NIUE NIUE, OUZ Omahuta, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like ORZ Quartz Range, NNZ Nelson, TUWZ Tuamarina, THZ Tophouse, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like STKA Stephens Creek, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like WRO Warramunga Arr, WRB Warramunga Arr, WRA Warramunga Arr, etc.

2017 SEP

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like NB2 NORSTAR, NOA NORSTAR, AKASA Malin Array, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like BRTR Keskin Array B, TORD Torodi Ar. Bea, etc.

UUSS 11 12:34:30.1 ± 1.42:541N:0:009:111:42W:0:02, h8km, 1km, Error ellipse: s-maj=2.1km s-min=1.3km az=81.0

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like ID05 Sulphur Canyon, ID06 Fossil Canyon, ID08 Devils Gate, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like ECR Eagle Creek, HDU Hedge Park, REDW Red Top Meadow, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like SPUT South Promonto, TCUT Toone Canyon, BW06 Boulder Array, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like PD31 Pinedale Array, PDAR Pinedale Array, CTU Camp Tracy, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like H17A Grant Village, H17A Grant Village, BGU Big Grassy Mou, etc.

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Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like MPV Yellowstone No, YNE North Lily Min, BOZ Bozeman (W), etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like RMLT Red Lodge, ELK Elko, ELK Elko, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like RWYF Rawlins, O20A White River Ci, O20A White River Ci, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like MSO Missoula, N23A Red Feather La, N23A Red Feather La, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like R11B Troy Canyon, ISCO Idaho Springs, EGMT Eagleton, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like NEW Newport, NEW Newport, YBHU Yreka Blue Hor, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like ANMO Albuquerque, ANMO Albuquerque, PFO Pinyon Flats O, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like ULM Lac du Bonnet, ULM Lac du Bonnet, TXAR Lajitas Array, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like DBB Bella Bella, DLB Dease Lake, YKA Yellowknife Ar, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like TKL Tuckaleechee C, SADO Sadowa, INK Inuvik, etc.

Table with 7 columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like RAO Raoul Island, CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns for station name, frequency, and signal strength. Includes WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, and JCJ Chichijima.

ADC 11 13:26:35.0-0.4, 42.39N; 111.35W, h0km, mb4.0/15, mbtmp4.0/24, ML3.4/8, MS4.0/68, Error ellipse: s-maj=9.4km s-min=4.4km az=157.0

NEIC 11 13:26:35.3, 42.57N; 111.45W, h5km, mb4.3/24, ML4.5/9, MW4.6/71, Mw4.6/73, ML2.15(USS), Error ellipse: s-maj=7.8km s-min=1.5km

comp=E, 2.0m, 0.5s, baz=96, slow=8.1, SNR=35; comp=Z, 0.5nm, 0.5s; comp=N, 1.1nm, 0.5s; comp=N, 0.2nm, 0.3s, baz=301, slow=6.0, SNR=4.0

ANF 11 13:26:35.8-0.9, 42.54N; 111.44W, h0km, ML4.5/6 Error ellipse: s-maj=13.6km s-min=8.9km az=112.0

UUSS 11 13:26:35.4-0.8, 42.53N; 0.02-111.42W, 0.04, h8km, 5km, Error ellipse: s-maj=3.9km s-min=2.2km az=104.0

NEIC 11 13:26:35.3, 42.37N; 111.31W, h12km, Moment Tensor Solution. Duration: 1s3 Moment tensor: Scale 1016Nm; Mrr-0.12; Mss-0.96; Mss-0.81; Mss-0.25; Mss-0.57; Mss-0.31; Fault plane solution: Mo1.13000x1016 NP1: s153.01000, s83.61000, s-158.44000. NP2: s60.49000, s68.58000, s-6.87000. Principal axes: T 1.1602, Plg10.0000, Azm285.0000; N -0.0637, Plg68.0000, Azm169.0000; P -1.0966, Plg20.0000, Azm19.0000

NEIC 11 13:26:35.3, 42.57N; 111.45W, h12km, GCMT 11 13:26:38.6-0.3, 42.47N; 0.02-111.38W, 0.02, h16km, 1km, MW4.8/65, Moment Tensor Solution. s15.c15, s85.c115; Duration: 0 Moment tensor: Scale 1016Nm; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17; Mrr-0.17

ISC 11 13:26:35.6-0.9, 42.52N; 0.02-111.38W, 0.02, h7km, 5km, n232, 118/168, mb4.0/14, MS4.1/63, Eastern Idaho

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, and various signal strength metrics.

Main station list table for 2017 SEP with columns: Station Name, Frequency, Signal Strength, and other parameters.

Main station list table for 11d 13h with columns: Station Name, Frequency, Signal Strength, and other parameters.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SJG San Juan, SDV Santo Domingo, SHEM Shemir Ali, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SAIH SAIHA, SAIH SAIH, SAIH, etc.

ISD 11 13:46:20.1-4.1,30:58Sx177.74W,h0km,mb3.4/2, mbtmp3.4/2, Error ellipse: s-maj=91.3km s-min=33.7km az=120.0, Kermaedec Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WAKE Wake Island, NBOON NORSAR Array S, etc.

JSO 11 13:48:49.31:62N,35:45E,h12km,ML2.5/20 GII 11 13:48:50.9,0.1,31:62N,35:43E,h10km,MD2.5/9, Mm2.5/10

ISC 11 13:48:50.9,0.31:61N,0:02:35.48E,0:03,h11km,7km,n39,+0:40/60, Dead Sea region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DSI Dead Sea, WALJ Wala, MDBI Mazada, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NATI Neve Ativ, MBRI Mt Berach, MBRI Mt Bereh, etc.

IDC 11 13:48:43.7-4.8,24:52N:67:47E,h0km,mb3.5/4, mbtmp3.5/4, MS3.5/1, Error ellipse: s-maj=115.8km s-min=39.4km az=141.0

DSN 11 13:49:30.7-2.27:95N:63:28E,h15km,ML3.7/9, Error ellipse: s-maj=94.4km s-min=25.4km az=151.0

ISC 11 13:49:11.7-1.1,28:8N:02:64:6E:0.1,h10km,n21, az=211.20,mb3.6/4,Southwestern Pakistan

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like THW Thamme Wali, SHME Shamm, CEP Cherat, etc.

IDC 11 13:56:09.1-0.9, 17:35N:95:91E, h0km, mb3.9/12, mbtmp3.9/13, ML3.5/1, MS3.7/2, Error ellipse: s-maj=23.7km s-min=15.0km az=10.0

NEIC 11 13:56:11.5-0.9, 17:40N:0:04:95:93E:0:09,h10km,1km, mb4.6/28, Error ellipse: s-maj=15.3km s-min=3.1km

ISC 11 13:56:10.7-0.6, 17:34N:0:08:95:86E:0:07,h10km,n65, az=073/65,mb4.3/26, Myanmar

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns for station name, elevation, azimuth, distance, and other parameters. Includes stations like Sawmill, Sonseca Array, Coal Creek Min, etc.

SKHL 11 14:04:01.4,0.8,49:00N,147:60E, h577km, 5km, mb5.0/7, msh4.9, msh5.3/7
MOS 11 14:04:02.0,0.8,49:15N,147:44E, h576km, mb4.1/20, Error ellipse: s-maj=10.3km s-min=6.5km az=82.6
IDC 11 14:04:03.0,0.8,49:23N,147:35E, h564km, 10km, mb3.3/17, mbtmp4.3/26, Error ellipse: s-maj=11.9km s-min=8.6km az=133.0
NEIC 11 14:04:03.4,1.2,49:22N,0:1,147:3E,0:2, h568km, 8km, mb4.2/131, Error ellipse: s-maj=15.8km s-min=13.6km az=137.0
ISC 11 14:04:02.6,0.4,49:09N,0:05,147:42E,0:05, h568km, n455, e098/475, mb4.2/98, 14C-12D, Sea of Okhotsk

Main table with columns: Code, Station Name, Azimuth, Distance, Time, Res, ISC. Lists numerous stations like UGL Uglegorsk, TYV Tymooskoe, YSS Yuzh-Sakhalins, etc.

Main table with columns: NMR, Nemuro-Hokkai, NMR, Kamikawa-asahi, ASAJ, etc. Lists stations and their parameters.

Main table with columns: C19K, Lookout Ridge, CNBA, Chernabura Isl, F19K, Shaleik Mo, etc. Lists stations and their parameters.

11d 14h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like E24K Your Creek, MCK McKinley, RC01 Rabbit Creek A, etc.

2017 SEP

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like GLB Gilahina Butte, I27K Kandik River, M26K Nabesna, AK, etc.

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Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like KURK Kurchatov, O30N Mendenhall, M31M Drury Creek, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like M30M Minto, YNE Yellowstone No, DLBC Dease Lake, etc.

PDG 11 14:32:17.0-0.1, 42.42N-18.72E, h11km, MD4.5/6, ML2.4/9, Error ellipse: s-maj=0.2km s-min=0.3km az=0

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

PDG 11 14:32:17.0-0.1, 42.41N-18.72E, h5km, MD2.4/7, RHSSO 11 14:32:17.0-0.1, 42.42N-18.70E, h8km, MD4.7, n53, o#93/94, 7C-5D, Northwestern Balkan Peninsula

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TIR Tirane, TIR Lazii#263;i, etc.

JMA 11 14:34:46.9-0.2, 40.3N-0.6E, h17km, MV3.3/3.0, FAR E OFF SANRIKU, IDC 11 14:34:47.3-2.5, 40.39N-143.67E, h0km, mb3.5/6, mbmp3.5/9, ML2.8/3, MS3.5/1, Error ellipse: s-maj=57.0km

ISC 11 14:34:48.6-0.4, 40.40N-0.05E-143.78E, h16km, n28, s#16133, mb3.5/6, Off east coast of Honshu

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

PDG 11 14:38:57.6-1.1, 15.39N:94.54W, h0km, mb3.9/12, mbmp4.0/14, ML3.7/1, Error ellipse: s-maj=34.1km s-min=16.5km az=51.0

MEX 11 14:39:03.0-0.8, 15.45N:94.76W, h20km, 32km, MD4.6, NEIC 11 14:39:05.6-1.4, 15.40N:0.08-94.42W, h0.06, h50km, 8km, mb4.2/40, MD4.6/16(MEX), Error ellipse: s-maj=11.7km

ISC 11 14:39:04.1-0.6, 15.44N:0.07-94.55W-0.06, h40km, n84, s#149/86, mb4.1/16, Near coast of Oaxaca

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like RIMA Rio Macho, SRBA San Rafael, Bu, etc.

PDG 11 14:46:02.3-2.6, 15.08N:94.60W, h0km, mb3.8/7, mbmp3.9/9, ML3.7/2, Error ellipse: s-maj=66.6km s-min=24.8km az=28.0

NEIC 11 14:46:09.5-2.1, 15.31N:0.06-94.71W, h0.05, h29km, 7km, mb4.2/48, MD4.6/17(MEX), Error ellipse: s-maj=9.5km s-min=6.4km az=211.0

MEX 11 14:46:09.2-0.5, 15.33N:94.75W, h16km, 12km, MD4.6, ISC 11 14:46:05.4-2.5, 15.36N:0.07-94.72W-0.03, h10km, 15km, n89, s#188/98, mb4.2/16, Near coast of Oaxaca

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



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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, IDC 11 14:54:47.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRBA San Rafael, SOR Soroa, SOR Soroa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 11 14:50:59.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CGNG Cerro Negro, MATN Matagalpa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UREC San Jose de Ur, MSTX Muleshove, etc.



Table with columns: ID, Name, Date, Time, Position, Status, and other details. Includes rows for LRMCL Laurel Mtn Rad, I42A Dreaeger Farm, I42A Dreaeger Farm, TPVNV Topopah Spring, MP2C Manual SNPAC, K22A Casper, K22A Casper, SPR3 Spring Creek 3, ISA Isabella, DUG Dugway, R11B Troy Canyon, PCRV Puerto La Cruz, GRAC Grapevine Rang, CWC Cottonwood Cre, RSSD Black Hills, SPMN Marine on St., SPMN Marine on St., PKM Michelson Peak, VES Vestal, Rchgr, HWUT Hardway Ranch, BGV Big Grassy Mow, TPH Tonopah, PDAR Piedale Array, PDAR Piedale Array, F36A Milaca, F36A Milaca, F33A 5 Mile Ranch, F33A 5 Mile Ranch, GLMI Grayling, NV11 Mina Array Sit, COWI Conover, MDPB Devils Postpil, ELK Elko, ELK Elko, SCGB SEO Gabriel D, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Little Huttoon, E38A The Farm, Brul, CZSB Cruzeiro do Su, E28A Huff, E43A Lone Tree Farm, NNA Nana, NNA Nana, E46A Sault Ste Mari, E46A Sault Ste Mari, SADO Sadowa, SADO Sadowa, YMP Mirror Lake Pi, RLMT Red Lodge, RLMT Red Lodge, DELD Deloro Mine, EYMN Ely, EYMN Ely, MDND Madcock, MDND Madcock, HDND Hailey, AGMN Agassiz Nation, AGMN Agassiz Nation, B35A Bob, Littlefor, BOZ Bozeman (W), LONY Lake Ozonia, WVOR Wild Horse Val, WVOR Wild Horse Val, PLID Pearl Lake, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, EGMT Eggleton, MSO Missoula, BOAV Boa Vista, BOAV Boa Vista, YBH Yreka Blue Hor, YBH Yreka Blue Hor, KHMM Horse Mountain, PKME Peaks-Kenny Pk, G06A Carlson Farm, J01E Myrtle Point, ETMB Extrema, ETMB Extrema, H04A Detroit Lake.

Table with columns: Name, Date, Time, Position, Status, and other details. Includes rows for NEW Newport, NEW Newport, MACA Manacapur-UAM, D05A Enumclaw, SAML Samuel, SAML Samuel, SAML Samuel, SAML Samuel, SAML Samuel, SAML Samuel, FFC Flin Flon, FFC Flin Flon, N3M Neilton Lookou, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LLLL Lilloet, MDP Montagnes des, G001 Chumiza, ITTB Itaituba, MALB Monte Alegre, VILB Vilna, RPN Rapa Nui, NPGB Novo Progresso, MCPB Macapa, AP, SCHO Scherferville, SCHO Scherferville, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, SIV Santa Ignacio, SIV Santa Ignacio, PDRB Porto do Gac, CLDB Colider, PTLB Pontes e Lacer, PTLB Pontes e Lacer, BBRD Serra de San D, BBRD Robore, Bolivi, Ketchikan, PRPB Parauapebas, TMAB Tom-Au, PA, Br, SALV Santo Antonio, YKA Yellowknife Ar, T35M Bob Quinn, CRAIG Craig, DLBC Dease Lake, DLBC Dease Lake, S34M Telegraph Cree, SNDB Serra Nova Dou, PP1B Ponte de Pedra, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, CO03 El Pedregal, R33M Jennings River, FRB Frobrisher Bay, Q32M Nakina River, WRLGY Wrigley, WRLGY Wrigley, AQUDA Aquidauana, TGNT Hyland Aragon, ARAG Araguaiana, MT, SMTB Santa Maria do, ZON Zonda, P32M Atlin, P33M Teslin, Yukon, P33M Teslin, Yukon, ANJ Antonio Joao, TICA Tre Islets, SKAG Skagway, N32M Quiet Lake, WHY Whitehorse, MMPY Sheldon Lake, MMPY Sheldon Lake, BOO1 Tunca, AMBA Amambai, F20 Faro, Yukon, P30M Million Dollar, P29M Windy Craggy, P29M Windy Craggy, O30N Mendenhall, O30N Mendenhall, O30N Mendenhall.

Table with columns: Name, Date, Time, Position, Status, and other details. Includes rows for BO02 Sierra Bellavi, M31M Drury Creek, N31M Braeburn, N31M Braeburn, YUKO, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, HAINES Haines Junctio, HAINES Haines Junctio, PNLM Peninsula, PNLM Peninsula, O29M Mount Kennedy, O29M Mount Kennedy, N30M Aishik Lake, N30M Aishik Lake, N30M Aishik Lake, BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, YUK6 Outpost Mounta, PINM Pinnacle, YUK4 Talbot Arm, M30M Minto, Yukon, M30M Minto, Yukon, O28M Mount Upton, SDBA SAO DESIDERIO, M29M Somme Creek, M29M Somme Creek, IPMB Iparneri, GO, IPMB Iparneri, GO, CTGM Chitina Glacier, CTGM Chitina Glacier, GRNC Granite Creek, YUK3 Moose Creek, K29M Barlow Dome, K29M Barlow Dome, J30M Hart River, J30M Hart River, H31M Peel River, TGL Tana Glacier, C36M Pualutk, C36M Pualutk, CR9E Cirque, CRQM Cirque, I30M Mont Dempster, MCARA McCarthy VSAT, M27K Edge Creek, AK, VRDI Verde Repeater, NRS Narsarsuaq, NRS Narsarsuaq, RAGM Ragged Mountain, B919B Behobod, G31M Satah River, CRSM Crissiumal, GLB Gilahina Butte, L27K Beaver Creek, L27K Beaver Creek, BMRM Bremet River, I29M Ogilvie Camp, JANB Nabesna, M26K Nabesna, AK, EPYK Eagle Plains, EYAK Cordova Ski Ar, N25K Chitina, Valde, N25K Chitina, Valde, G30M Aho Zraiji Nji, L26K Log Cabin Wild, L26K Log Cabin Wild, K27K Chicken, K27K Chicken, INK Inuvik, INK Inuvik, INK Inuvik, H29M Whitestone, H29M Whitestone, GO06 Curarehue, I28M Miner Creek, F30M Barrier River, P23K Montague Istan, KLU Klutina, KLU Klutina, HARP HAARP, G29M Pine Creek, G29M Pine Creek, ITAB Concordia, GLI Glacier Island, SFJD Kangerlussuaq.

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like M24K Tolsona, SCRK Sand Creek, J26L Joseph Creek, etc.

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like H24K Noodor Dome, F25K Christian River, RCBR Riochelo, etc.

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like H20K Anotleneega Mo, N16K Nishilk Lake, F21K Altna River, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ESK, DBIC, EKA, PBA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DBIC, KUC, TIXI, DAVOX, etc.

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

NEIC 11 15:06:49.6z 1.7, 14:9N:01:1x94:05W:0:08, h44km=10km, mb4-4/41, MD4-4/13(MEX), Error ellipse: s-maj=16.9km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details. Includes stations like PCIG, NIIT, NIIT, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Band, Status, and other technical details.

JMA 11 15:18:10.3.0.1, 37.4N:0.3:141.6E:0.8, h41km, 1km, MW3.740, E Off FUKUSHIMA PREF

ISC 11 15:18:07.9.1.6, 37.43N:0.04:141.66E:0.07, h15km, 10km, n18, c139/31, 4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Band, Status, and other technical details.

NEIC 11 15:20:24.2.0.1, 4.28S:0.08:146.7E:0.2, h10km, 1km, mb4.3/11, Error ellipse: s-maj=30.1km s-min=13.3km az=94.0

ISC 11 15:20:27.3.1.3, 3.43S:146.73E, h0km, mb4/0/9, mbmp4.0/9, MS3.3/5, Error ellipse: s-maj=42.8km s-min=22.7km az=109.0

ISC 11 15:20:32.9.0.7, 3.48S:146.6E:0.1, h35km, n30, c125/25, mb4/0.10, Bismarck Sea

Table with columns: Code, Station Name, Frequency, Power, Band, Status, and other technical details.

Table with columns: Call Sign, Station Name, Frequency, Power, Band, Status, and other technical details.

AUST 11 15:28:37.9.1.8, 33.18S:120.06E, h0km, Error ellipse: s-maj=29.1km s-min=10.8km az=159.0

NOU 11 15:28:38.3.33.13S:120.00E, h0km, MLV4.2/7, Western Australia

ISC 11 15:28:37.6.0.9, 33.13S:120.08E:0.05, h10km, n23, c1947/33, Western Australia

Table with columns: Code, Station Name, Frequency, Power, Band, Status, and other technical details.

MOS 11 15:29:51.9.1.1, 54.17N:169.26E, h16km, mb4.9/4/0, MS3.8/7, Error ellipse: s-maj=5.8km s-min=4.2km az=36.8

ISC 11 15:29:51.7.0.5, 54.33N:169.22E, h0km, mb4.5/3/7, mbtmp4.5/4/1, ML4.8/2, MS3.9/4/1, Error ellipse: s-maj=13.6km s-min=9.8km az=173.0

KRSC 11 15:29:51.3.1.6, 54.01N:169.24E, h39km, mb4.60km, M1.5.3 BUI 11 15:29:52.9.0.0, 54.76N:168.89E, h9km, mb4.7/5/3, mb4.9/3/1, Ms4.7/39, Ms7.4/3/7

NEIC 11 15:29:53.4.2.0, 54.2N:0.1:169.2E:0.1, h10km, 1km, mb4.8/2/04, Error ellipse: s-maj=18.9km s-min=10.2km az=160.0

GCMT 11 15:29:56.4.0.2, 54.31N:0.02:169.28E:0.02, h26km, 1km, MW5.0105, Moment Tensor Solution, s38, c46; M05.0152; Duration: 0. Moment tensor: Scale 10^16Nm; M=0.12; L=1; M=0.38; 1.1; M=0.35; 1.1; M=0.83; 2.3; M=0.14; 10; M=0.41; 19; Best double couple: Mc3.56600x10^16 NP1.0x223.00000; s85.00000; lambda-14.00000; NP2.0x314.00000; s76.00000; lambda-175.00000; Principal axes: T 3.5470, Plg6.00000; Azm270.00000; N 0.0350, Plg75.00000; Azm24.00000; P -3.5850, Plg14.00000; Azm178.00000; nsta1 refers to body waves, cutoff=0s, nsta2 refers to surface waves, MK2=0s, Triangular moment-rate function

ISC 11 15:29:53.0.3.3, 54.18N:0.06:169.17E:0.03, h10km, n764, c128/701, mb4.8/175, MS4.1/58, 22C-18D, Komandors Islands region

Table with columns: Code, Station Name, Frequency, Power, Band, Status, and other technical details.

Table with columns: Call Sign, Station Name, Frequency, Power, Band, Status, and other technical details.



11d 15h

2017 SEP

Table with columns for station ID, name, coordinates, and various data points. Includes stations like ZEA, K24K, G29M, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like BNX, I29M, G29M, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like MOY, HHC, HHC, etc.





11d 15h

Table with columns: WRA, PPT, RAR, PPT2, PPT2, TEIG, FITZ, WSAR, AS31, ASAR, TBI, ESDC, STKA, JTS, URZ, SJG, SDV. Includes station names, coordinates, and status.

IDC 11 15:33:52.2±1.9, 42.70N:111.50W, h0km, mbtpp.8/2, ML2.9/2, Error ellipse: s-maj=36.9km s-min=7.4km az=161.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Sulphur Canyon, Fossil Canyon, Auburn Hatcher, etc.

2017 SEP

Table with columns: MVCO, NVAR, NVAR, NVAR, NVAR, TXAR. Includes station names and coordinates.

MEX 11 15:41:27.0±0.8, 15.09N:94.37W, h60km, MD4.0, NEIC 11 15:41:32.0±2.3, 15.17N:0.08-94.04W, 0.06, h46km, 12km, mb4.3/20, MD4.0/14(MEX), Error ellipse: s-maj=11.0km s-min=7.6km az=181.0

IDC 11 15:41:36.9±3.7, 15.54N:94.03W, h80km, 36km, mb3.3/4, mbmp3.7/6, MS3.5/4, Error ellipse: s-maj=34.7km s-min=23.6km az=44.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like PCIG, PATR, PAVE, etc.

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Table with columns: TXAR, ANMO, NVAR, ILAR, CMAR. Includes station names and coordinates.

IDC 11 15:51:58.5±3.6, 14.95N:93.95W, h43km, 29km, mb3.9/10, mbmp4.1/12, ML4.8/2, MS4.0/2, Error ellipse: s-maj=29.4km s-min=21.2km az=30.0

NEIC 11 15:52:00.3±1.7, 15.0N:0.1x-93.92W, 0.08, h55km, 8km, mb4.4/72, Error ellipse: s-maj=18.5km s-min=9.8km az=139.0

IDC 11 15:51:57.0±7.0, 15.03N:0.09-94.03W, 0.07, h33km, n12, o=882/112, mb4.4/37, Near coast of Oaxaca

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like RTAL, HUEH, MTHO, etc.

Table listing station codes (e.g., F10A, LON, YKA), station names (e.g., Beach Ranch, Longmire), coordinates, and various time and frequency data.

Table listing station codes (e.g., WRA, ASAR, STKA), station names (e.g., Warramunga Arr, Alice Springs), coordinates, and various time and frequency data.

Table listing station codes (e.g., MW, BW06, BWO6), station names (e.g., Indian Meadow, Boulder Array), coordinates, and various time and frequency data.

IDC 11 15:53:09.8z, 2, 42, 89N, 123.99E, h0km, mb4.11, mbtmp3.7/9, ML3.2/2, Error ellipse: s-maj=27.7km s-min=22.9km az=19.0, Northeastern China

Table listing station codes (e.g., USRK, USRB, USRK), station names (e.g., Ussuriysk Ar), coordinates, and various time and frequency data.

IDC 11 15:56:20.8z, 1.0, 31, 24N, 133.50E, h0km, mb3.6/5, mbtmp3.7/9, ML3.5/3, MS3.3/2, Error ellipse: s-maj=24.2km s-min=19.3km az=74.0

JMA 11 15:56:25.0z, 0.3, 31, 4N, 0.8z, 133.3E, h49km, MV3.6/2, FAR E OFF MIYAZAKI PREF

ISC 11 15:56:22.6z, 0.8, 1, 31, 25N, 105.03E, 133.54E, 0.04, h23km, n21, c227/29, mb3.6/5, 1D, Southeast of Shikoku

Table listing station codes (e.g., JTO, JNKJ, JTSN), station names (e.g., Tosashimizu, Nichinankitago), coordinates, and various time and frequency data.

NEIC 11 16:10:34.9z, 1.1, 18, 6S, 0.1z, 169.8E, 0.2, h223km, 11km, mb4.2/1, Error ellipse: s-maj=25.7km s-min=18.8km az=121.0

IDC 11 16:10:41.4z, 2.7, 19, 01S, 169.21E, h237km, 35km, mb3.5/4, mbtmp4.0/6, Error ellipse: s-maj=75.5km s-min=20.6km az=155.0

ISC 11 16:10:39.0z, 1.6, 18, 9S, 0.1z, 169.5E, 0.2, h250km, n24, c1566/24, mb4.2/1, Vanuatu Islands

NEIC 11 16:16:32.3z, 1.2, 42, 548N, 0.008z, 111.42W, 0.02, h8km, 6km, Error ellipse: s-maj=1.9km s-min=0.9km az=60.0

NEIC 11 16:16:31.9z, 1.0, 42, 58N, 0.011z, 142W, 0.02, h8km, 10km, ML3.2/9, ML3.1/8(UUSS), Error ellipse: s-maj=2.5km s-min=1.5km az=47.0, Eastern Idaho

Table listing station codes (e.g., ID06, ID06, ID06), station names (e.g., Fossil Canyon, Sulphur Canyon), coordinates, and various time and frequency data.

NAO 11 16:19:35.9z, 05/30N-24.47E, h33km, mb5.1, BUI 11 16:20:07.8z, 0.0, 38, 67N, 20.88E, h12km, mb4.9/55, mb5.1/32, Ms4.7/28, Ms7.4/4/27

MOS 11 16:20:14.0z, 0.1, 39, 11N, 21.58E, h14km, mb4.9/31, MS4.4/15, Error ellipse: s-maj=3.9km s-min=2.2km az=88.0

ATH 11 16:20:15.2z, 39, 15N, 21.53E, h8km, 1km, ML4.9/19, Error ellipse: s-maj=1.3km s-min=0.7km az=175.0

MED\_RC 11 16:20:15.0z, 9.1, 39, 15N, 21.45E, h10km, MW5.0/9, Moment Tensor Solution, Mantle waves: s9,c9; Duration: 1s3 Moment tensor: Scale 10^16Nm; Mr=0.22z, 21; Ms=0.04z, 19; Mw=0.26z, 19; Mb=0.2z, 37; Mbb=0.10z, 15; Mv=2.37z, 49; Best double couple: Mo0.06000x1016

NEIC 11 16:20:15.9z, 2.1, 39, 21N, 105.2157E, 0.05, h10km, 1km, mb5.0/198, Error ellipse: s-maj=8.3km s-min=6.2km az=16.0

THE 11 16:20:15.6z, 39, 13N, 21.53E, h12km, ML4.7/34, Error ellipse: s-maj=0.6km s-min=0.3km az=249.0

PDG 11 16:20:15.5z, 0.5, 39, 15N, 21.58E, h14km, 1km, MD5.1/5, ML5.0/10, Error ellipse: s-maj=0.7km s-min=0.9km az=0.0

Table listing station codes (e.g., BEO, TIR, GLL), station names (e.g., Beo 11, Tir 11, Gll 11), coordinates, and various time and frequency data.

11d 16h

2021 SEP

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Table with columns for station ID, name, frequency, polarization, and various signal strength and quality metrics. Includes stations like LK2D, NYDR, SERG, KPRO, LRSO, TRIZ, AXAR, LAKA, DLFA, IGT, FSK, RLS, KLV, ATAL, LKR, KEF, LSK, PSDA, XOR, ROR, NEO, GUR, KAS, THAL, SRN, KEK, LTHK, LOUT, KBN, FNA, and SOKA.

Table with columns: OBKA, Obir, 8.99 327 ePn, Pn, 16 22 26.9 +1.8, comp=Z,2.4nm,0.3s,baz=155,slow=16,SNR=34

Table with columns: GERES, comp=Z,2.4nm,0.3s,baz=155,slow=16,SNR=34, 16 24 58.2 -2.8, SUW, Suwalki, 14.92 4 eP, Pn, 16 23 47.1 +1.1

Table with columns: SUW, Suwalki, 14.92 4 eP, Pn, 16 23 47.1 +1.1, SUW, Suwalki, 14.92 4 eP, Pn, 16 23 46.7 +0.7

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPP Uppsala, EMJ Mijas, STRU Stromstad, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NSS Namoros, OUL Oulu, KIRV Kirov, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIC Kosan Boka, MBAR Mbarara, MBAR Mbarara, etc.



11d 16h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M31M Drury Creek, J19K Poorman, MCK McKinnel, etc.

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YSS, P32M Atin, GRNC Rose Creek, etc.

854

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHGN Chignik, RLO Riese Lookout, RLMT Red Lodge, etc.

IDC 11 16:35:02.5+0.8,29.11N-105.566E,h0km,mb3.9/10, mbtmp3.8/12,ML3.5/1,MS3.3/9,Error ellipse: s-maj=22.9km s-min=15.7km az=67.0 NEIC 11 16:35:08.5+0.9,28.94N/0.06:105.52E/0.8,h37km,g6km, mb4.3/17,Error ellipse: s-maj=12.1km s-min=5.7km az=53.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ENH Enshi, CRAI Chiangrai, CM31 Chiang Mai Arr, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, PYUN, JYOW, KSRs, etc.

NEIC 11 16:44:54.2±1.7, 11.2N:0.1:93.76E:0.09, h135km, 7km, mb4.4/22, Error ellipse: s-maj=14.6km s-min=12.4km az=190.0

IDC 11 16:44:56.1±4.0, 11.17N:93.81E, h162km, 37km, mb3.8/18, mbtmp4.2/19, Error ellipse: s-maj=22.2km s-min=10.2km az=51.0

NDI 11 16:44:58.9±4.2, 11.84N:93.74E, h88km, 31km, mb4.1, ML4.1, mb4.4(NEIC)

ISC 11 16:44:54.8±0.5, 11.36N:0.06:93.74E:0.07, h150km, n75, z=247/3, mb4.1/27, Anderson Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like PBA, CM31, CMAR, etc.

Main table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MKAR, MAZK, KK31, etc.

NEIC 11 16:45:16.8±1.0, 10.86N:0.06:141.8E:0.1, h10km, 1km, mb4.7/19, Error ellipse: s-maj=24.4km s-min=9.2km az=280.0

IDC 11 16:45:17.3±1.1, 10.95N:142.00E, h55km, 30km, mb3.8/22, mbtmp: 1.23, ML4.0/1, MS2.5/1, Error ellipse: s-maj=21.5km s-min=12.1km az=81.0

ISC 11 16:45:20.7±0.6, 10.90N:0.07:141.90E:0.09, h44km, n48, z=080/49, mb4.4/29, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like GUMO, JMW, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KLR, DZM, HEH, etc.

HEL 11 16:46:36.4±0.2, 6.771N:34.15E, h0km, ML2.0, Suspected explosion

IDC 11 16:46:39.7±2.7, 6.771N:33.61E, h0km, mbtmp3.0/2, ML2.1/2, Error ellipse: s-maj=30.1km s-min=11.2km az=72.0

ISC 11 16:46:35.7±1.1, 6.766N:0.04:34.28E:0.06, h0km, n22, z=123/38, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like LVZ, VRF, etc.

IDC 11 16:54:24.3±1.3, 5.87N:175.25:49W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=58.5km s-min=43.7km az=56.0

ISC 11 16:54:30.4±1.7, 5.979S:0.2:25.9W:0.3, h35km, n10, z=214/10, mb4.0/3, SC, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like VNA1, VNA2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TORD Torodi Ar. Bea, ASAR Alice Springs, SONM Songo Array, ILAR Elison Array, etc.

IDC 11 17:32:24.9.1.24:21S:67.03W, h201km, 7km, ML4.0, MW3.9

IDC 11 17:32:25.9.1.1.24:06S:66.84W, h181km, 11km, mb3.6/5, mbmp4.0/11, MS3.2/1, Error ellipse: s-maj=15.3km s-min=14.0km az=38.0

GUC 11 17:32:27.0.6.24:17S:67.32W, h222km, 6km, ML4.3

IDC 11 17:32:25.9.0.7.24:20S:60.467.05W, h191km, 7km, n62, c1577/92, mb3.9/8, 3C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include VA02 Isla de Pascua, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

SJA 11 17:32:24.9.1.24:21S:67.03W, h201km, 7km, ML4.0, MW3.9

IDC 11 17:32:25.9.1.1.24:06S:66.84W, h181km, 11km, mb3.6/5, mbmp4.0/11, MS3.2/1, Error ellipse: s-maj=15.3km s-min=14.0km az=38.0

GUC 11 17:32:27.0.6.24:17S:67.32W, h222km, 6km, ML4.3

IDC 11 17:32:25.9.0.7.24:20S:60.467.05W, h191km, 7km, n62, c1577/92, mb3.9/8, 3C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SLA San Lorenzo, AF01 San Pedro de A, HJA Humahuaca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GO02 Mina Guanaco, GO02 Mina Guanaco, GO02 Mina Guanaco, etc.

IDC 11 17:33:37.5.9.533S:153.99E, h229km, 4.1km, mb3.4/3, mbmp4.0/5, Error ellipse: s-maj=119.1km s-min=61.3km az=35.0, New Ireland region

IDC 11 17:35:07.2.0.24:12N:142.56E, h44km, mb5.3/96, MB5.2/68, MS5.3/99, MS7.5/394

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KRVT Keravat (AS076), CTA Charters Tower, ASAR Alice Springs, etc.

MOS 11 17:35:07.3.0.9.23:98N:142:18E, h36km, mb5.8/104, MS5.4/70, Error ellipse: s-maj=6.4km s-min=3.5km az=111.5

BUI 11 17:35:07.2.0.24:12N:142:56E, h44km, mb5.3/96, MB5.2/68, MS5.3/99, MS7.5/394

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JMM Marumori, JSD Sado, JNU Nakatsue, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JHH2 Haha-jima-NKT2, JHH2 Haha-jima-NKT2, CBJ1 Chichijima, etc.

Solution. Duration: 354 Moment tensor: Scale 10^17Nm; M1=2.96; M2=2.49; M3=0.48; M4=1.53; M5=2.43; M6=1.79; Fault plane solution: M=4.35000x10^17 NP1: 45.85, 92.00000, 85.6, 570000.0, -47.630000. NP2: 207.050000, 85.1930000, -1.135, 590000.0. Principal axes: T 4.1212, Plg3.00000, Azm147.00000; N 0.4477, Plg4.30000, Azm239.00000; P -4.5689, Plg56.00000, Azm54.00000;

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

NEIC 11 17:35:09.2.23.92N:142.31E, h38km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JHH2 Haha-jima-NKT2, JHH2 Haha-jima-NKT2, CBJ1 Chichijima, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like KMSI, MYLDM, KRVT, ENH, GTOI, MSAI, SANI, QIZ, MRSI, HHC, KMI, HAN, XAN, KKM, HIA, LUWI, PEAOB, PETK, PET, BNDI, TOLIZ, LUWI, KAPI, MTKI, PZH, SONM, TARA, SMI, PMG, and others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMG, DLV, TTSI, CD2, LZH, CIT, KUNNING, MA2, SBUUM, KAPI, KAPPANG, PZH, SONM, TARA, SMI, PMG, and others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KDU, COEN, MMRI, SOEI, STKI, KSM, BSK, MTN, MTN, EDPI, BATI, GTA, YAK, AMKA, SEY, TNCH, NAYO, BASI, PLAI, CHTO, CM31, CMAR, TWSI, SRBI, KIWB, KNRA, CMAR, ADK, MOY, DNP, MTSU, and BLJI.

Table with columns: Station Name, Frequency, Mode, Class, and Signal Strength. Includes stations like GSTR Great Sittin T, JAGI Jagaj, GOMU GeErMu, etc.

Table with columns: Station Name, Frequency, Mode, Class, and Signal Strength. Includes stations like LSA comp=Z,2um,27.8s, LSA Lhasa, LSA Lhasa, etc.

Table with columns: Station Name, Frequency, Mode, Class, and Signal Strength. Includes stations like ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, etc.





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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Camden Bay, Bering Glacier, Joseph Creek, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Dawy, Yuku, PNL, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Inuk, Inuk, Inuk, etc.



Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes entries like URZ Urewera, QRZ Quartz Range, LIRD Liard River, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes entries like RES Resolute Bay, RES Resolute Bay, JLN Jaban Bani Buh, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes entries like SGF Sodankyl, LTY Liberty, LTY Liberty, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LPSR Galich'ya Gora, GDXM Geysers, GANJ Ganja, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TBI Tubuai, RBK Rabkut, YERR Yerrington, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NSS Namsos, MNSK Minsk, MNK Minsk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Rows include DUG, SHPR, PSUT, 109C, HWUT, PBUR, WTNK, PFO, PFM, PFM, PFO, TPFO, PMD, GMRC, CTU, CTUT, BAR, BAR, NLU, NLU, MONP2, TKX, CBX, CBX, VIKU, NC405, HFS, HFS, CCUT, CCUT, NC303, SUW, SUW, SUW, SUW, SUW, MPU, BW06, PDAR, PDAR, PDAR, PDAR, CCX, LAO, LAO, TCRU, SZCU, DOMB, NDB01, IKP, NC204, NB2, NB2, NB2, NOA, RMX, BC3, IRM, SWSC, NC602, YUH, DGMT, DGMT, DGMT, NEE2, BSUT, MTPU, MTPU, ESJX, ESJX, KNB, TMUT, AKN, SORM, SORM, W13A, W13A, PKCU, ICESG, ICESG, BLYC.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Rows include PDMCI, GLT, VTX, RDMU, P18A, P18A, OSL, U15A, U15A, SKAR, HMU, STRU, HYO, FJO, KONA, BR131, BR131, BR131, BRTR, SFX, SFX, 113A, K22A, K22A, K22A, K22A, TLR, TLR, BORU, LRV, LRV, RWVW, O20A, ANTO, ANTO, ANTO, ANTO, ANTO, WUAZ, WUAZ, CFR, CFR, SFJD, SFJD, SFJD, SFJD, SFJD, SFJD, TPCR, DEL, DEL, BEL, ODD1, OUA, TESR, BER, BIZ, MASE, PANCY, PIX, BURAR, BURAR, RSSD, RSSD, RSSD, RSSD, RSSD, RSSD, X16A, X16A, HARR, HARR, KWP, KWP, PLOR, PLOR, FRB, X16A, HARR, HARR, KWP, KWP, PLOR, PLOR, FRB, 214A, 214A, BLS5, BSSR, BISRR, BJUU, ASF, COVR, MDND, MDND, MDND, MDND, LUNU, DY2G, N23A, N23A, N23A, E28A.

11d 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Rows include E28A, MVCO, MVCO, MVCO, KOLS, KOLS, MRLR, MRLR, MRLR, DOPR, ULM, ULM, ULM, W18A, W18A, STHS, STHS, STHS, X18A, TRPA, MMAI, CRVS, CRVS, CRVS, OJC, OJC, OJC, OJC, ROGN, ROGN, VOIR, VOIR, ISCO, ISCO, ISCO, NIE, NIE, NIE, TUC, TUC, TUC, TUC, TUC, ARR, S22A, S22A, S22A, CSS, MARR, BRIGG, BRIGG, GHAJ, KECS, KECS, KECS, KECS, LANS, LANS, Q24A, Q24A, Q24A, AGMN, AGMN, AGMN, AGMN, OKC, OKC, OKC, KSP, SDCO, SDCO, SDCO, MORC, MORC, MORC, MORC, PSZ, PSZ, PSZ, OSTO, OSTO, OSTO, MAUC, MAUC, SURR, KRCL, KRCL, KRCL, CHVC, CHVC, CHVC, VYHS, VYHS, VYHS, DPC, DPC, DPC.



Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like G62A West of Eustis, F63A Nahmakanita, H62A Milan, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like PMSA Palmer Station, KIC Kusan Boka, TIC Tomodi, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like TOIG Tlaxiaco, TXIG Tlaxiaco, TXIG Pinotepa, etc.

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

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

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

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like Masahi, Labuha, and Sanana.

NEIC 11 18:09:30.4+1.6, 37.09N, 0.06+8.62W, 0.08, h27km, 7km, ML3.6/16, Error ellipse: s-maj=12.2km s-min=4.9km az=135.0

CNIRM 11 18:09:31.9, 36.96N, 8.47W, h21km, m3.5, MDD 11 18:09:31.8+0.3, 37.17N, 8.69W, h22km, mb\_Lg3.8/36, Error ellipse: s-maj=2.2km s-min=1.8km az=56.0

LDG 11 18:09:32.0+0.2, 37.17N, 8.66W, h15km, M3.5/10, Error ellipse: s-maj=4.3km s-min=3.1km az=58.0

SFS 11 18:09:32.6, 37.18N, 8.67W, h33km, mb4.1/4, ML4.0/23, ML4.0/18, MLv3.9/23

INMG 11 18:09:32.9+1.6, 37.19N, 8.60W, h20km, 1km, ML3.6, Error ellipse: s-maj=2.2km s-min=1.4km az=36.0

IGIL 11 18:09:33.4, 37.19N, 8.60W, h20km, ML4.0

ISC 11 18:09:33.6+0.8, 37.13N, 0.02+8.64W, 0.02, h28km, 4km, n145, c233/278, 17C-5D, Portugal

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Lagos, Portimao, Vila Bisbo, Marzelete, Aljezur, Cabo S. Vicent, Albuteira, Sao Teotonio, Barranco-do-Ve, Faro, Castro Verde, Cassejo, Messejana, Vaqueiros, Sines, Nicolau, Beja, Setbal, Evora, Lisbo, Barrancos, Vila Franca de, Mafra, Estremoz, and Espera.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Badajoz, Badajoz, Santar, Espera, Marv??o, Castelo Branco, Ceuta, Casmilo, Conde, Smir Dam, Mijas, Mijas, Chefchaouen, Manteigas, Manteigas, Adamuz, Adamuz, Malaga-Limoner, Sierra Gorda, Sierra Gorda, Viseu, Viseu, Averoeres, Averoeres, Porto, Pae de, Los Guajares, Los Guajares, ZHG, ZHG, San Pablo, San Pablo, Granatula de C, Presa de Quent, Quentar, Vila Real, Granatula de C, Palemas, Lamas de Olo, Sonseca Array, Sonseca Array, Palemas, Lamas de Olo, Sonseca Array, Quesada, Berja, Berja, Ifrane, LCRM, LCRM, EALB, EALB.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Alboran, Skhour des Reh, Lobios, Gavieira, Arco, Braganca, Mont Gurugu, Zamans, Col de Zad, Nijar, MD31, Midelt, Taforalt, Zarzadilla de, JBK, Agolada, Tobarra, Tobarra, Mazaricos, La Murta, La Murta, Okuaimeden, Pontenova, Tiouine, Cofrentes, Val, Torette, Ouz, Cherha, Arriondas, Tazzarine, Mosqueruela, Zagora, Figuig, Alkurruntz, Porto Moniz, M, Ste Jean, Etsaut, Etsaut, Chisagues Biel, Esparras, Montolieu, Les Rejaudoux, Calviac, Calviac, Saint Martin, Ste Croix, Rostrene, Rostrene, Saint Gilles, Saint-Julien, BUI, NEIC, DJA, IDC, ISC, DAV, DAV, DAV, TGy, TGy, KMSI, KMSI, GTOI, GTOI, MRSI, MRSI, LBMI, LBMI, LUWI, LUWI, SWI, SWI, TGW, TGW.

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Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like SUJI, YULB, TPUB, SSLL, NLAJ, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like MBWA, HHC, HHC, HHC, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, etc. Includes stations like NIKH, UNV, BKZ, ARU, etc.



Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G22K Bettles, H22K Ishatlinna Cre, BRLL Bradley Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like F28M Old Crow, F28N Old Crow, BARN Barnard Glacie, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MIAR Mount Ida, 833A Chaparral WMA, WVT Waverly, etc.

IDC 11 18:35:59.1, 2.9, 4.24s, 152.51E, h81km, 12km, mb3.4/6, mbmp3.7/13, Error ellipse: s-maj=87.2km s-min=18.4km az=120.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warrangana Arr, etc.

JMA 11 18:35:39.6, 0.2, 44.7N, 151.14E, h0km, MV3.8/22, SE OFF ETOROFU

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR 450nm,0.5s, KUR 280nm,0.3s, etc.

IDC 11 18:39:16.2, 3.4, 3.7, 92N, 73.96E, h120km, 30km, mb3.5/6, mbmp3.9/13, Error ellipse: s-maj=25.5km s-min=18.4km az=178.0

NNC 11 18:32:29.5, 1.3, 38.55N, 73.88E, h0km, mb4.7, mpv4.3, Error ellipse: s-maj=42.1km s-min=34.2km az=128.0

SOME 11 18:39:27.8, 39.55N, 73.72E, h20km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like AML Almayashu, AML Ucho, AAK Ala-Archa, etc.

Table with columns: DZA, Taraz, 210nm, 0.6s, 5.10 338 Pg, Pn, 18 40 36.8 +2.1, etc. Includes various station codes and parameters.

Table with columns: SHO, comp=N, 7.0nm, 0.1s, pmax, pmax, 18 41 31.1, etc. Includes various station codes and parameters.

Table with columns: RIMA, Rio Macho, 7.09 115, Pn, Pn, 19 22 33.4 +2.4, etc. Includes various station codes and parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like BSO1, BSO1, BSO1, etc.

ICD 11 20:26:43.12.2.14.13N:146.76E, h0km, mb3.5/3, mbtm3.5/3, MS3.2/1, Error ellipse: s-maj=41.4km s-min=30.7km az=107.0, Mariana Islands

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

SJA 11 20:33:57.0.0.7.24:44S:67.17W, h194km, 5km, ML3.5, MW3.6

GUC 11 20:33:59.3.0.5.24:40S:67.48W, h208km, 11km, ML3.9 NEIC 11 20:33:59.6.1.3.24:36S:0.04:67.4W:0.1, h210km, 13km, mb4.0/3, ML4.0(GUC), Error ellipse: s-maj=19.5km s-min=3.1km az=102.0

ISC 11 20:33:58.0.0.8.24:46S:0.04:67.25W:0.04, h168km, 10km, n70, 1974.97, 9C, Chile-Argentina border region

Main station table for the first section, listing codes, station names, azimuths, elevations, phases, IDs, times, residuals, and ISC values.

Main station table for the second section, listing codes, station names, azimuths, elevations, phases, IDs, times, residuals, and ISC values.

ICD 11 20:34:59.3.1.8.24:58N:141.47E, h172km, 28km, mb3.4/5, mbmp3.9/6, Error ellipse: s-maj=48.5km s-min=16.2km az=72.0

NEIC 11 20:35:01.4.1.0.24:6N:0.1:141.4E:0.3, h186km, 14km, mb4.4/5, Error ellipse: s-maj=36.0km s-min=15.6km az=82.0

ISC 11 20:34:59.7.0.8.24:52N:0.008:141.4E:0.1, h172km, n28, 085/30, mb4.3/14, Volcano Islands region

Main station table for the third section, listing codes, station names, azimuths, elevations, phases, IDs, times, residuals, and ISC values.

Main station table for the fourth section, listing codes, station names, azimuths, elevations, phases, IDs, times, residuals, and ISC values.

Table of astronomical objects including: 11d 21h, 030N Mendenhall, H28M Whitestone, F28M Old Crow, J30M Hart River, G29M Pine Creek, I30M Mount Dempster, EPYK Eagle Plains, G30M Atoh Zrai Njii, H31M Peel River, F31M Tsighechtic, R33M Jennings River, S34M Telegraph Cree, INK Inuvik, DLBC Dease Lake, DLBC Bob Quinn, YAK Yakutsk, YAK Kahului Airopp, YKA Yellowknife Ar, KHLH Pine Mountain, PINE Newport, NEW, EDM Edmonton, Y1B2 Yreka Blue Hor, H1H2 WAKE ISLAND Hy 35.84 213 T, H1H3 WAKE ISLAND Hy 35.84 213 T, H1H11 WAKE ISLAND Hy 35.85 213 T, H1H12 WAKE ISLAND Hy 37.05 212 T, H1H13 WAKE ISLAND Hy 37.04 212 T, H1H13 WAKE ISLAND Hy 37.05 212 T, RES Resolute Bay, NVAR Mina Array Bea, NVAR Indian Meadow, IMW Red Lodge, PRNT Pahroc Range, B0W6 Boulder Array, P0A9 Paris, PV05 Paradox Valley, ULM Lac du Bonnet, S22A 4UR Ranch, CRs, SONM Songino Array, T25A Trinidad, DKNS Dickens, WMOK Wichita Moutain, P40A Paris, TX31 Lajitas Ar, Si, TX32 Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, BRDY Brady, JCT Junction City, ARCES ARCES Array B, WMO Urumqi, MKAR Makanchi Array, TKL Tuakleeches C, FINES FINESS Array B, PZH PanZhiHua, NIUE Niue, CMAR Chiang Mai Arr, CMAR Brady, WRA Warrangula Arr, WRA Tuakleeches C, ASAR Alice Springs, TORD Torodi Ar. Bea

Table of astronomical objects including: 030N Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, MAW Maxwell, BOSA Boshof, NNC 11 20:58:23.1+1.6, 38.688N;74.03E, h0km, mb4.0, mpv3.6, SOME 11 20:58:24.4, 39.33N;73.63E, h0km, KRNET 11 20:58:26.2+0.1, 39.31N;74.38E, mb3.4, ISC 11 20:58:28.4+2.2, 39.45N;0.09;74.35E+0.04, h1km;11km, n32,+196/49, 19C-14D, Southern Xinjiang, SFK Sufi-Kurgan, SFK baz-17, OHH baz-15, OHH baz-15, NRN Naryn, NRN baz-30, ARLS Aral, ARLS baz-59, AML Almalyashu, AML baz-59, AML baz-50, AML baz-50, UCH Uchter, UCH baz-2.0, BTK Batken, BTK baz-86, ARK Arkit, ARK baz-24, ULHL Ulahol, ULHL baz-25, ULHL baz-25, AAK Ala-Archa, AAK baz-2.0, EKS2 Erkin-Say, EKS2 baz-53, BOOM Boomskey usch, BOOM baz-20, MNAS Manas, MNAS baz-37, MRKS Merke, MRKS baz-9.0m,0.3s, MRKS 13nm,0.4s, MRKS Merke, MRKS 9.0m,0.3s, TKM2 Tokmak 2, TKM2 5.2nm,0.5s, KST Kasteek, KST 6.8nm,0.5s, KST 19nm,0.9s, KST Kasteek, KST 6.8nm,0.5s, DGS Degeres, DGS 18nm,0.9s, DGS Degeres, DGS 8.0m,0.3s, S22A Sogindy, S22A 9.2nm,0.3s, IUG Iuzhany, IUG 9.4nm,0.9s, IUG Iuzhany, IUG 18nm,0.3s, IUG 19nm,0.7s, IUG Iuzhany, IUG 7.7nm,0.2s, KOTS Kotyrbulak, KOTS 4.8nm,0.4s, KOTS Karabobe, KOTS 4.2nm,0.7s, KRBS Karabastau, KRBS 5.4nm,0.5s, KRBS 9.1nm,0.9s, KRBS Karabastau, KRBS 3.1nm,0.2s, KRBS 9.1nm,0.9s, KRBS Karabobe, KRBS 6.4nm,0.5s, KRBS 7.7nm,0.6s, KRBS Karabobe, KRBS 6.3m,0.3s, KK31 Karatay Array, KK31 0.7nm,0.3s,baz=141,slow=14,SNR=11, KK31 1.4nm,0.4s,baz=124,slow=14,SNR=4.0, KK31 3.8nm,0.8s,baz=156,slow=22,SNR=6.7, AB31 0.8km,0.8s,baz=126,slow=11,SNR=5.5

Table of astronomical objects including: MOS 11 21:09:10.0+1.2, 14.96N;93.85W, h37km, mb5.6/53, MS5.3/34 Error ellipse: s-maj=7.0km s-min=4.8km az=94.4, IDC 11 21:09:11.0+2.7, 14.82N;93.80W, h41km,23km, mb4.7/35, mbmp5.0/36,ML4.4/1,MS5.2/60, Error ellipse: s-maj=17.2km s-min=10.1km az=55.0, GCMT 11 21:09:11.4+0.1, 14.98N;0.01;94.07W;0.01,h24km, MWS.5/134, Moment Tensor Solution, s122,c209, s134,c225; Duration: I54 Moment tensor: Scale 1017 Nm; Mm1.23c;03; Mm2-1.04c;02; Mm3-0.18c;02; Mm1.63c;06; Mm2.25c;02; Mm3-1.13c;05; Best double couple: M2.4450x0.1017; NP13=1.9; M2.0000; 3.76;0.0000; 1.96;0.0000; NP23=2.76;0000; 8.15;0.0000; 1.68;0.0000; Principal axes: T 2.5370, Plg59.0000; Azm37.0000; N -0.1780, Plg6.0000; Azm298.0000; P -2.3540, Plg31.0000; Azm205.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, NEIC 11 21:09:13.3, 14.97N;93.79W, h36km, MEX 11 21:09:13.4+1.4, 15.00N;94.06W, h16km,35km, MD5.6, GCG 11 21:09:13.5+0.9, 15.17N;93.75W, h57km, MD5.3, NEIC 11 21:09:13.3, 14.97N;93.90W, h36km, Moment Tensor Solution, Duration: 238 Moment tensor: Scale 1017Nm; Mm1.27; Mm2-1.31; Mm3-0.45; Mm4-0.56; Fault plane solution: Ms2.0100x0.1017; NP1: phi=11.00000; 688.82000; A93.47000; NP2: phi=281.47000; 821.45000; A81.12000; Principal axes: T 1.9320, Plg66.0000; Azm27.0000; N 0.1644, Plg3.0000; Azm290.0000; P -2.0964, Plg24.0000; Azm198.0000; UPA 11 21:09:13.7+3.5, 14.90N;93.90W, h42km,48km, MV5.4, BUJ 11 21:09:14.0+0.0, 15.00N;93.80W, h60km, mB5.5/30, Ms5.7/32, Ms7.5/4/31, ISC 11 21:09:10.4+0.5, 14.77N;0.03;94.08W;0.03,h41km,36km, n1743,+198/1401, mb5.4/356, MS5.2/319, 70C-39D, Off coast of Chiapas, Code Station Name, A Z, Phase ID, Time Res, h m s, ISC, PCIG Santiago Niite, PCIG Niite, PCIG Niite, PCIG Niite, NILT Niite, NILT Niite, HUIG Huatulo, HUIG Huatulo, TGIG TGIG, TGIG TGIG, TGIG baz=210,slow=12, RTAL Retalhuleu, CCIG Comitán, CCIG Comitán, STG3 Santiago 3, PANG Puerto Angel, PANG Puerto Angel, SULM Suchitepequez, HUEH Huehuetenango, FUG Fuego 3, PEIG Puerro Escondi, PEIG Puerro Escondi, PEIG Puerro Escondi, PEIG Tuzandepetl, TUIG Tuzandepetl, OXLC Oaxaca, OXLC Oaxaca, OXLB Oaxaca, OXBJ Oaxaca, OXIG Oaxaca, VHO Vista Hermosa, VHO Vista Hermosa, NBG Las Nubes, PMUV Montecoman, PMUV Montecoman, YOIG Yosondúa, YOIG Yosondúa, PINO Pinotepa, PNIG Pinotepa, PNIG Pinotepa, TXIG Tlaxiaco, TXIG Tlaxiaco, TOIG Toxpalan, TOIG Toxpalan, METF Flores, METO Montecristo, HLIG Huajuapán de L, HLIG Huajuapán de L, TPIG Tehuacan, TPIG Tehuacan, SNET Serv Nac Est T, FTIG Fresnillo de T, FTIG Fresnillo de T, SCIG Sacabucay, SCIG Sacabucay, TLIG Tlaxiapa, TLIG Tlaxiapa, LVIG Laguna Verde, LVIG Laguna Verde, DAIG Los Arroyos, DAIG Los Arroyos, PPM Popocatepetl, PPM Popocatepetl, MEIG Mezcala, MEIG Mezcala, YAIG Yautepec, YAIG Yautepec, CAIG El Cayaco, CAIG El Cayaco, TAIG Tegucigalpa,Un, TAIG Tegucigalpa,Un, TAIG Tegucigalpa,Un, UNM Universidad Na, UNM Universidad Na, UNM Universidad Na, UNM Universidad Na, UNM Puente Sto Nin, UNM Puente Sto Nin, ARIG Arica, CRIN San Cristobal, CRIN San Cristobal, DEIG Demacau, DEIG Demacau, MRID Mrida, MRID Mrida, MYIG Myiay, MYIG Myiay, CNGN Cerro Negro, CNGN Cerro Negro, ZIIG Zihuapatan, ZIIG Zihuapatan, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, MATN Matagalpa, G0AB BOCAO BROADBAND, RPIG Rio Verde, ACON Acopyapa, ACON Acopyapa, ELH Hacienda Flor, ELH Hacienda Flor, ALBA Liberia Airport, ALBA Liberia Airport, HATL Hatillo, HATL Hatillo, LAPC Finca la Perla, LAPC Finca la Perla, GB1A Borinquen Arr, GB1A Borinquen Arr, BUEV Buena Vista, BUEV Buena Vista, VORL Villafraida, VORL Villafraida, VORI VORI, GPS1 Guardaparques, GPS1 Guardaparques, ORTG Ortega, Santa, ORTG Ortega, Santa, ORTG Ortega, Santa, ORTG Ortega, Santa

Table with columns: Call Sign, Locality, Frequency, Modulation, Power, and other details. Includes stations like LIM1 Limonal, MMIG Aquila, MESS Mesas, etc.

Table with columns: Call Sign, Locality, Frequency, Modulation, Power, and other details. Includes stations like Z51A Franklin, Z51A Franklin, ZARC Zaragoza, etc.

11d 21h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PRAC Prado, U32A Winter Ranch, U32A Winter Ranch, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CCM Cathedral Cave, FVM French Village, TAME Tame, Arauca, etc.

876

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WUAZ Wupatki, N38A Joes South For, Q51A Peebles, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like PKCU Pink Cliffs, L44A Lake County Fo, GMRC Granite Mounta, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like F36A Milaca, G45A Suttons Bay, GLMI Grayling, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like WES Weston, PLTX Planet X, LONY Lake Oniza, etc.

11d 21h

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like MALB Monte Alegre, PBO1 IPOC Station P, CBB Camp Hill River, etc.

2017 SEP

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like CPUP, SCCA Why, WHY Whitehorse, MIMPY Sheldon, etc.

878

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like SUCK Suckling Hills, LR03 Panguipulli, BVCY White Creek, etc.



879

Table with columns for station codes (e.g., KLU, SFJD), names, coordinates, and elevations. Includes stations like Klutina, Kangerlussuaq, Valinhos, etc.

2017 SEP

Table with columns for station codes (e.g., HOM, MLY, MLY), names, coordinates, and elevations. Includes stations like Homer, Manley, Bonanza Creek, etc.

11d 21h

Table with columns for station codes (e.g., MLY, MLY), names, coordinates, and elevations. Includes stations like Manley, Bonanza Creek, Koktuh Hills, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like E21K Killik River, L16K Owhat River, S12K Black Hills, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like PVIS Viseu, PMTG Montargil, MTE Manteigas, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like SALAN Lac Salanfe, SENIN Lac Senin/Sane, SENIN Lac Senin/Sane, etc.

Table containing astronomical data for various stars under the GEREZ header, including names, magnitudes, and positions.

Table containing astronomical data for various stars under the CRVS header, including names, magnitudes, and positions.

Table containing astronomical data for various stars under the KIV header, including names, magnitudes, and positions.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ninganchiao, Suanglung, GeErMu, Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Grand'Maison, La Plagne, Roselend, Bardonecchia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Esquipulas, Montecristo, Serv Nas Est T, Tegucigalpa, etc.

LDG 11 21:21:38.9±0.1, 45°42'N, 6°32'E, h2km, Md1.7/2, MI1.6/2, Error ellipse: s-maj=1.7km s-min=1.3km az=99.0

IDC 11 21:35:49.7±5.5, 33.06°S, 179.43°W, h0km, mb3.5/2, mbtm3.5/2, MS3.7/1, Error ellipse: s-maj=229.0km s-min=61.7km az=160.0, South of Kermadec Islands

NEIC 11 21:18:59.7±1.8, 15°44'N, 10°94'67W, h31km, 12km, mb4.1/3, Md4.4/20(MEX), Error ellipse: s-maj=14.0km s-min=5.4km az=187.0

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, etc. Includes entries like HLD, BOZ, DMZ, BLMT, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, etc. Includes entries like S12K, S12K, M11K, SDDT, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, etc. Includes entries like TTA, J18K, L19K, L19K, etc.

AEIC 11 21:52:06.8,2.9,51.19N,0.07,178.30W,0.03,h28km,3km, Error ellipse: s=ma=10.4km s-min=2.4km az=179.0

BJI 11 21:52:06.2,0.0,51.53N,178.50W,h47km,mb5.5/73, m85.2/48,Ms4.9/60,Mst 4.7/60

MOS 11 21:52:06.8,0.9,51.51N,178.37W,h49km,mb5.4/91, MS4.4/6, Error ellipse: s-maj=6.7km s-min=4.2km az=103.1

NEIC 11 21:52:07.9,51.50N,178.19W,h60km,Moment Tensor Solution. Duration: 19 Moment tensor: Scale 10^16Nm;

NEIC 11 21:52:07.9,51.50N,178.35W,h60km GCMT 11 21:52:08.0,2.0,51.31N,0.02,178.17W,0.02,h43km, MW5.1/118,Moment Tensor Solution. s59,c85;

NEIC 11 21:52:08.9,1.7,51.52N,0.09,178.36W,0.05,h55km,4km, mb5.4/65,ML5.4/8,MW5.1/7,ML5.2(AEIC) Error ellipse: s-maj=12.8km s-min=4.8km az=174.0

IDC 11 21:52:08.5,1.5,51.51N,178.32W,h52km,12km,mb4.8/38, mbmp5.0/43,ML5.2/4,MS4.3/4, Error ellipse: s-maj=12.1km s-min=8.1km az=158.0

ISC 11 21:52:08.5,0.3,51.41N,0.05,178.33W,0.02,h53km,2km, h53km,pp-P,1.653,0.1909/1486,mb5.3/465,MS4.4/80,

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, h, m, s, ISC, Res. Includes entries like TAFU, GALEA, GAEAI, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, etc. Includes entries like S12K, S12K, M11K, SDDT, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, etc. Includes entries like TTA, J18K, L19K, L19K, etc.

Table with columns: ICAO, Name, Time, Status, P, S, M, T, W, Th, F, Sa, Su, and other flight details. Includes routes like Cordova Ski Ar, Eivuk River, Minto, Yukon-K, etc.

Table with columns: ICAO, Name, Time, Status, P, S, M, T, W, Th, F, Sa, Su, and other flight details. Includes routes like Kavik River, Steamboat 28, Mott Kennedy, etc.

Table with columns: ICAO, Name, Time, Status, P, S, M, T, W, Th, F, Sa, Su, and other flight details. Includes routes like Telegraph Cree, Dawson Inlet, Ketchikan, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YKA, JGF, JHUZ, GNW, INU, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HLID, BBGB, BMN, BMM, BNW, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NLU, BFSC, MPU, ULN, etc.







Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SSSA Standing Stone, AF1 Afimalu, G62A West of Estuis, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GOGA Godfrey, M63A Gales Ferry, NB2 NORSAR Subarra, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MNK comp=N,4.0nm,0.7s, MNC comp=E,4.0nm,0.7s, etc.



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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ID08, ID09, ID09, ID09, etc.

DJA 11 21:57:02.5:0.6,8'S;6:12'3E;h227km,8km, M4,0/8, mb4,1/3,MLV3,9/8

DJA 11 21:57:25.8:1.3,5'S;11:15'3E;1.8,h68km,8km, M4,6/9, mb5,0/2,mb4,7/9,MLV4,6/1,MW(mb)4,3/2

NEIC 11 22:05:53.0:2.3,15.76N;0:07.94W;0.04,h48km,6km, mb5,0/208,MD4,9/1(MEX),Error ellipse: s-maj=10.8km

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

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

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

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

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

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

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

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

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

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

Table with columns: Station, Name, Frequency, Class, Mode, Power, Time, and other metrics. Rows include stations like BRDY, NATX, ONZA, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Time, and other metrics. Rows include stations like KAN13, PBMO, PLMC, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Time, and other metrics. Rows include stations like N41A, HDIL, PTLC, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, SNR, and other parameters. Includes stations like L64A Middleborough, HRV Adam Dzielowski, LONY Lake Ozonia, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, SNR, and other parameters. Includes stations like INK comp=Z,1.10nm,19.5s, B29M Whitestone, I28M Miner Creek, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, SNR, and other parameters. Includes stations like BORG Borganes, NOR Nord, RAR Rarotonga, etc.

MEX 11 22:40:15.2z 1.0, 15.39N, 94.80W, h22km, 14km, MD4.7
NEIC 11 22:40:17.1z 2.2, 15.62N, 101.94, 64W, 0.07, h39km, 7km,
mb4.2/42, Md4.7/14(MEX), Error ellipse: s-maj=15.8km
s-min=6.4km az=209.0

IDC 11 22:40:17.2-4.1, 15:51N-94:40W, h54km, 37km, mb3.3/3, mbmp3.7/5, ML3.7/2, MS3.7/1, Error ellipse: s-maj=38.5km s-min=25.8km az=20.0

ISC 11 22:40:15.1-0.6, 15:49N-0:06-94.79W, 0:04, h37km, n90, o153/89, mb4.1/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like NIIT Santiago Niite, HUIG Huatulco, etc.

MG05 Puerto Natales 69.65 165 P P 22 51 22.6 +2.1
ESDC Sonseca Array 80.90 51 P P 22 52 25.0 -0.8
ESDC comp=Z, 1.5nm, 0.9s, baz=300, slow=4.6, SNR=6.3

ASIES 11 23:01:29.6, 23:92N; 121:61E, h23km, ML3.5, Mw3.4, Moment Tensor Solution. Moment tensor: Scale 10^21 Nm; Mm=0.63, Ml=1.34, Mtt=0.71, Mbb=0.37, Mbb=0.49; Mw=0.69; Fault plane solution: Ms=10.21, NPT: o=294.08000°, δ=66.87000°, λ=143.50000°. NP2: o=29.00000°, δ=56.84000°, λ=27.98000°. Principal axes: T Plg41.6440°, Azm253.6090°, N Plg47.6710°, Azm86.1250°; P Plg6.2610°, Azm349.2070°; TAP 11 23:01:29.6, 23:92N; 121:61E, h23km, ML3.5, B JMA 11 23:01:29.1, 23:9N; 0:3-121:6E, 0.9, h23km, 1km, MV3.2/14, TAIWAN REGION

ISC 11 23:01:29.9, 0.23, 90N; 0:02-121.63E, 0:02, h24km, 4km, n161, o083/238, 14C-18D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like HWA Hwaiien, EDM Tadmeng, etc.

Table with columns: E0S3, E0S3, 0.74, 58, eP, Pn, 23 01 44.7 +0.1. Lists stations like NDS Dongshan, WHYT Xinyi Township, etc.

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

Table with columns: HUIG, Huatulco, 1.69 283, P, Pn, 23 02 07.5 +1.0. Includes stations like HUIG, TGIG, PATR, etc.

Table with columns: DEOK, Depew, 20.45 355, P, Pn, 23 16 58.2 +0.4. Includes stations like DEOK, AMTX, AMTX, etc.

MEX 11 23:12:20.0-1.1, 15:25N-94:61W, h18km, 19km, MD4.2. NEIC 11 23:12:22.1-2.3, 15:34N-0:07:94.48W, 0.05, h42km, 9km, mb4, 4/120, Md4, 2/16(MEX), Error ellipse: s-maj=10.5km s-min=7.5km az=188.0

LOOK LOVE County, 16.69 353, Iamb, Iamb, 23 16 37.1 +0.2. POST Post, 18.74 341, P, Iamb, 23 16 37.2 +0.6

DEOK Depew, 20.45 355, P, Pn, 23 16 58.2 +0.4. DEOK Depew, 20.45 355, P, Iamb, 23 17 09.3

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SCHEFFERVILLE, YKA Yellowknife Ar, BDFB Brasilia, M29M Somme Creek, etc.

NOU 11 23:15:08.9,22.48S,172.66E, h0km, MLv4.5/7, 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 MARS Loyalty, LIFOU, YATNC Mamie plateau, etc.

TEH 11 23:37:29.0,4.0,67.84N,20.20E, h0km, ML2.0, Suspected explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SDS1 Sardasht. Az, MAHB Mahabad, IKRK Kirkuk, etc.

UPP 11 23:40:09.4,0.0,67.84N,20.20E, h0km, ML2.0, Suspected explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KUA Kurraavaara, RATU Laukkulusta, KOUV Salmi, etc.

HEL 11 23:40:09.2,0.3,67.78N,20.19E, h0km, ML1.7, Suspected explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KIF Kilpisjärvi, PAJU Pajala, HEF Hetta, etc.

ISC 11 23:40:09.3,0.8,67.82N,20.03,20.24E, h0km, n25, 0.83/35, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KUA Kurraavaara, RATU Laukkulusta, KOUV Salmi, etc.

SGF comp=Z,2.0nm,0.2s 2.44 96 PG Pb 23 40 52.6 -1.3

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

ARCES comp=Z,0.4nm,0.3s,baz=226,slow=15,SNR=8.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KEV Kevo, FINES FINES Array B, NOA Norsar Array B, etc.

NOA comp=Z,3.0nm,1.1s 23 42 04.9 +0.6

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

HFS Hagfors 8.22 203 Pn Pn 23 42 09.8 +0.1

NEIC 12 00:00:26.1,0.9,42.59N,0.011,11.46W,0.02, h9km,3km, ML3.1/102,ML3.3/13(UUSS), Error ellipse: s-maj=1.8km s-min=1.6km az=105.0

UUSS 12 00:00:26.6,0.9,42.60N,0.011,11.45W,0.01, h7km,1km, Error ellipse: s-maj=1.6km s-min=1.4km az=196.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ID06 Fossil Canyon, ID05 Sulphur Canyon, AHID Auburn Hatcher, etc.

ECR Eagle Creek 0.46 8 Smith Canyon R 0.47 282

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BEI Bear River Ran, L17A Cokeville, BMUT Black Mountain, etc.

NPI North Potcalt 0.91 241 PTU Portage 0.93 224

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

FXWY Fox Creek 1.08 17

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like LTLU Little Mountai, KOWW Moose Ponds, HVAL Hansel Valley, etc.

IMW Indian Meadow 1.35 16 Indian Meadow 1.35 16

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

BD01 Boulder Array 1.41 83

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PW31 Pinedale Array, PW31 Pinedale Array, PW31 Pinedale Array, etc.

SPUT comp=N,308nm,0.3s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MCID Moose Creek 1.60 7, H17A Grant Village 1.91 19, CTU Camp Tracy 1.92 187, etc.

BGU Big Grassy Mow 2.05 216

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

LKWY Lake 2.11 21

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BSUT Blindstream Ca, YNR Norris Junctio, YNM Yellowstone No, etc.

DLMT Dillon 2.88 344

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

RLMT Red Lodge 2.98 31

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BOZ Bozeman (W), Preston Nutter, RWY Rawlins, etc.

MFID comp=E,54nm,0.9s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MFID comp=E,54nm,0.9s, MFID comp=E,54nm,0.9s, MFID comp=E,54nm,0.9s, etc.

O20A White River Ci 3.45 134

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SRU San Rafael Swe, K22A Casper, ELMT Elliston, etc.

BMO comp=N,8.3nm,4.7s IAML 00 03 29.4

ISCO Idaho Springs 5.22 120 IAML 00 03 17.8

ISCO comp=N,9.9nm,4.7s IAML 00 04 11.6

WVOR Wild Horse Val 5.31 271 IAML 00 03 25.6

WVOR comp=N,12nm,2.2s IAML 00 03 44.6

IDC 12 00:04:05.2,5.5,19.85S,178.94E, h619km,45km, mb2.6/3, mbmt3.5/4, Error ellipse: s-maj=268.7km s-min=27.0km az=159.0, South of Fiji Islands

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

TXAR Laifias Array 89.14 58 P 00 15 56.6 0.0

IDC 12 00:05:54.1,1.1,23.86N,121.64E, h0km, mb3.5/5, mbmt3.6/7, MS3.6/2, MS3.2/1, Error ellipse: s-maj=38.5km s-min=20.5km az=67.0

JMA 12 00:06:01.2,0.1,23.9N,0.4,121.8E,0.6, h51km,1km, MV4.1/16, TAIWAN REGION

ASIES 12 00:06:01.5,23.97N,121.79E, h52km, ML4.2, Mw3.7, Moment Tensor Solution. Moment tensor: Scale 10^21Nm; Mw:1.0; Mb:-0.53; Ms:-3.57; Mo:0.70; Mw:0.73; Mw:2.47; Fault plane solution: Mo:4.6929x10^21 NP1:1.220000, delta1:370000, delta2:430000. NP2:156.52000, delta3:100000, delta4:480000. Principal axes: T P1g70.8930, Azm298.9320; N P1g10.8900, Azm175.1950; P P1g15.5040, Azm82.1360

TAP 12 00:06:01.5,23.97N,121.79E, h52km, ML4.2 B, NIED 12 00:06:01.2,23.92N,121.81E, h51km, MW3.8, Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm; Mw:4.71; Mb:-0.26; Ms:-4.45; Mo:4.15; Mw:0.94; Mw:2.68; Fault plane solution: Mo:6.44000x10^14 NP1:1.240000, delta1:66.00000, delta2:119.00000. NP2:150.00000, delta3:7.00000, delta4:0.00000

ISC 12 00:01:01.0,1.8,23.95N,102.2,121.82E,0.02, h48km,5km, n172, 0.192/286, mb3.4/5, 15C-53D, Taiwan

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

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

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

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

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

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

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

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

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

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

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

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

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

12d 0h

Table with columns: NDS, Dongshan, 0.69 352 eP, Pn, 00 06 15.5 +0.8, etc. Lists various stations and their coordinates.

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Table with columns: HSN, Hsinchu, 1.15 318 eP, Pn, 00 06 21.4 +0.5, etc. Lists various stations and their coordinates.

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Table with columns: TSCK, Anshuo, 1.80 210 eP, Pn, 00 06 29.6 -0.2, etc. Lists various stations and their coordinates.

Table with columns: NEIC 12 00:14:35.4, UUSS 12 00:14:35.6, Code, Station Name, Az, Phase ID, Time Res, etc. Includes station details and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NP1 North Pocatell, PTU Postage, HWUT Hardware Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJC Ojcow, OKC Okc, LANS LANS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VYHS Vyhne, DPC Dobruska-Polom, VRAC Vranov, etc.

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

SOME 12 00:58:11.4, 38°00N-75°32E, h0km
IDC 12 00:58:13.4, 4.5, 37°30N-71°47E, h90km, 30km, mb3.5/3,
mbmp3.8/10, Error ellipse: s-maj=52.6km s-min=18.2km
az=148.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchr, EKSZ Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DGS Degeres, KRBS Karabastau, USP Osenovka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, etc.

NEIC 12 01:00:19.2, 1.2, 15°05N-0°05-94°13W, 0°04, h67km, 10km,
mb4.6/17, MD4.5/23(MEX), Error ellipse: s-maj=8.7km
s-min=3.6km az=144.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG PCIG, NLT Nileti, PATR El Naranjo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKCSW OKLAHOMA CITY, S39A Bolivar, P46A Rosedale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAHR Pah Rah Range, BOZ Bozeman (W), PINE Pine Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC Hcho-hao-te, WMQ Wrumit, NJ2 Nanjing, etc.

IDC 12 01:08:48.4, 9.0, 13°38N-91°75W, h0km, mb3.4/2,
mbmp3.4/3, ML3.0/1, Error ellipse: s-maj=160.5km
s-min=58.4km az=155.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSC 12 01:12:22.0, 1.3, 51°04N-154°56E, h466km, 20km, MI4.1, etc.

m5.2/5.58, Mw5.1/23, Md5.2/20(MEX), Error ellipse: s-maj=9.6km s-min=5.0km az=184.0

NEIC 12 01:12:36.74.1.9.15.39N.94.21W, h36km, Moment Tensor Solution. Duration: 1s6 Moment tensor: Scale 10^16Nm;

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

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

L2CR2 La Lucha 2 11.55 117 Pn Pn 01 15 14.8 -0.9

735A Kenedy 13.90 348 Pn Pn 01 15 46.4 -1.1

AZU AZU Jarrell 15.71 117 Pn Pn 01 16 13.6 -1.5

MTD1 Mount Denham 16.44 77 Pn Pn 01 16 20.0 -1.0

BRAL Brewton 17.22 22 Pn Pn 01 16 26.7 -3.9

FW16 Waxahatchee 17.30 353 IAmB IAmB 01 16 29.6 -2.0

FW07 Weatherford 17.64 351 IAmB IAmB 01 16 34.0 -1.7

ABTX Abilene, Hawle 17.93 346 IAmB IAmB 01 16 37.7 -1.7

WLAR White Oak Lake 18.39 3 P IAmB P 01 16 41.7 -2.8

APMT Aspermont 18.72 345 P IAmB P 01 16 45.6 -2.6

LRAL Lakeview Retre 18.95 20 P Pn 01 16 47.3 -3.7

MIAR Mount Ida 19.23 2 P IAmB IAmB 01 16 55.2

DBBC Dabelford 19.64 113 Pn Pn 01 16 59.5 -0.6

W35A Tecumseh 19.94 354 P Pn 01 16 58.8 -2.6

SMRC Santa Marta, M 20.08 99 Pn Pn 01 17 02.0 -1.2

OK029 Liberty Lake 20.64 353 P Pn 01 17 07.0 -2.1



12d 1h

Table with columns: ID, Name, Comp, Z, SNR, P, M, D, T, S, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include K38A Parkersburg, C49N Corbin Frederi, LBBN Lake County Fo, L44A Lake County Fo, N23A Red Feather La, O53A New Philadelphia, O53A New Philadelphia, O20A White River Cj, L46A Eue Claire, L46A Hec, HEC Hector,Ludlow, SZCU Shurtz Canyon, JFWS Jewell Farm, JFWS Jewell Farm, TUQ Turquoise Moun, K43A Burlington, K43A Burlington, P18A Preston Nutter, L48A N Adams, L48A N Adams, L48A N Adams, MVU Marysval, N53A Lisbon, N53A Lisbon, N53A Lisbon, BFSC Mount Baldy Ra, GSC Goldstone, Bar, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, AAM Ann Arbor, AAM Ann Arbor, M53A Chestland, RWWY Rawlins, I37A Lemond, Waseca, I37B Waseca, M53A WI Miller and, M53A WI Miller and, I40A Norwalk, I40A Norwalk, GWY Greenwater Val, EDWY Edwards Air Fo, I42A Draeger Farm, TPNV Topopal Spring, J47A Summer, J47A Summer, J47A Summer, FURC Furnace Creek, MPMC Manual Prospec, K22A Casper, K22A Casper, K50A Casco, SUSD Miller, SUSD Miller, PCRV Puerto La Cruz, ARVC Arvin, ERPA Erie, ERPA Erie, I45A Fountain, I45A Fountain, DUG Dugway, Tooele, DUG Dugway, Tooele, ISA Isabella, Lake, R11B Troy Canyon, C, GRAC Grapevine Rang, GWC Cottonwood Cre, GWN Gold Mountain, GMM Gold Mountain, SPMN Marine on St, SPMN Marine on St, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, PKM McPherson Peak, VES Vestal, Richgr, G40A Rib Lake, G40A Rib Lake, LUPA Lehigh Unvers, BW06 Boulder Array, PДАР Pinedale Array, DSP Deep Springs, DSP Deep Springs, F36A Milaca, F33A 5 Mile Ranch.

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Table with columns: ID, Name, Comp, Z, SNR, P, M, D, T, S, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include F33A 5 Mile Ranch, GLMI Graying, GLMI Graying, BRNJ Basking Ridge, BRNJ Basking Ridge, HVU Hansel Valley, MMNV Mt. Meris Dam, TBTG Tabatinga, AM COWI Conover, COWI Conover, SGC8 SCo Gabriel D, ID07 Smith Canyon R, TRNY Table Rock, Ra, ELK Elko, ELK Elko, BINY Binghamton, PAL Palisades, PAL Palisades, PAL Palisades, NVAR Mina Array Bea, NVAR Mina Array Bea, LHV Little Huttoon, ID08 Devils Gate, REDW Red Top Meadow, E38A The Farm, Brul, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, PMPB Monarch Peak, PMPB Monarch Peak, BRNY Black Rk. Fore, L59A Walton, L59A Walton, L59A Walton, MOOW Moose Ponds, WSPT Westport, CT, E43A Lone Tree Farm, E28A Huff, J56A Wolcott, WAKR Walker, KSCT Kent School, K, D41A Chassel, H17A Grant Village, SADO Sadowa, SADO Sadowa, SADO Sadowa, NNA Nana, J57A Williamstown, YFT Old Faithful, HCNV Howe Caverns, RLMT Red Lodge, RLMT Red Lodge, J58A Remsen, J58A Remsen, YNE Yellowstone No, DELO Deloro Mine, UCCT U. Connecticut, TRNY Troy, EYMN Ely, EYMN Ely, EYMN Ely, MDND Maddock, MDND Maddock, MPK Martis Peak, LAO LASA Array, LAO LASA Array, LAO LASA Array, L61B Northampton, AGMN Agassiz Nation, AGMN Agassiz Nation, HLID Hailey, HLID Hailey, B35A Bob, Littlefor, NCB Newcomb, HRV Adam Dzielowski, BOZ Bozeman (W), J61A Chester, LONY Lake Ozonia, LONY Lake Ozonia, DGMT Dagmar, DGMT Dagmar, WVOR Wild Horse Val, WVOR Wild Horse Val, LBNH Lakeland, J08A Circle Bar Ran, PLID Pearl Lake, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet.

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Table with columns: ID, Name, Comp, Z, SNR, P, M, D, T, S, R, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Rows include EGMT Eagleton, EGMT Eagleton, TRQ Mont Tremblant, MSO Missoula, MSO Missoula, BOAV Boa Vista, BOAV Boa Vista, YBH Yreka Blue Hor, YBH Yreka Blue Hor, G62A West of Eustis, G62A West of Eustis, G62A West of Eustis, F10A Beach Ranch, F10A Beach Ranch, PKME Peaks-Kenny Pk, ETMB Extrema, ETMB Extrema, G65A Princeton, G65A Princeton, G65A Princeton, G05A Wainwright, I03D Drain, OR, H04A Detroit Lake, NEW Newport, NEW Newport, C09A Christian Ranch, MACA Manacapurua-AM, MACA Manacapurua-AM, MACA Manacapurua-AM, D62A Allapatt, All, D62A Allapatt, All, D62A Allapatt, All, LTY Liberty, SAML Samuel, SAML Samuel, SAML Samuel, D05A Enigma, FFC Flin Flon, FFC Flin Flon, NLWA Neilton Lookou, LPAZ La Paz, LPAZ La Paz, EDM Edmonton, EDM Edmonton, EDM Edmonton, MDP Montagnes des, ITTB Itaituba, MALB Monte Alegre, MALB Vilhena, VILB Vilhena, RPN Rapa Nui, NPGB Novo Progresso, MCPB Macapa, AP, SCHO Schefferville, SCHO Schefferville, LVC Limon Verde, LVC Limon Verde, SIV San Ignacio, SIV San Ignacio, BBB Bella Bella, PDRB Porto dos Gac, CLDB Colider, PTLB Pontes e Lacer, BBRB Robore, Bolivi, AC06 Mina Casimiro, PRPB Parauapebas, TMAB Tom-Au,PA,Br, V35K Ketchikan, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, T35M Bob Quinn, KOTAN Kotaneelee Air, LIRD Liard River Hi, CRAG Craig, U33K White Pass, SNDB Serra Nova Dou, DLBC Dease Lake, DLBC Dease Lake, S34M Telegraph Cree, S34M Telegraph Cree, PP1B Lis de Pedra, CO03 El Pedregal, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla.



12d 1h

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Table with columns: ID, Name, Az, El, Az El, P, P, 01 22 54.1 +0.8, etc. Rows include 1M19K Big River Lodg, Q16K King Salmon, C26K Camden Bay, etc.

Table with columns: SOEG Soedalen, TBI Tubsum, L14K Kulka Creek, D19K Kuna River, G17K Kiwalik Mouna, etc. Rows include SOEG Soedalen, TBI Tubsum, L14K Kulka Creek, D19K Kuna River, G17K Kiwalik Mouna, etc.

Table with columns: PAB San Pablo, ESDC Sonseca Array, ESDC Sonseca Array, ESBP Sonseca Array, GRR Gorron, FOO Floro, SUE Sulen, FLN La Foliniere, etc. Rows include PAB San Pablo, ESDC Sonseca Array, ESDC Sonseca Array, ESBP Sonseca Array, GRR Gorron, FOO Floro, SUE Sulen, FLN La Foliniere, etc.







Table with columns: Station Name, Code, Frequency, Band, Azimuth, Elevation, and other parameters. Includes stations like LONA1, IDE, AGPR, PRSN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PLTX, LLLB, I26K, etc.

Table with columns: Station Name, Code, Frequency, Band, Azimuth, Elevation, and other parameters. Includes stations like X37A, MIAR, UALR, etc.

12d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like E38A, SADO, MDND, AGMN, NANA, J08A, PLID, ULM, YBH, F10A, LON, SAML, PGC, OZB, MDP, SCHO, BBB, RPN, LVC, YKA, BRDY, DLBO, FRB, M29M, BDFB, INK, SFJD, RES, F28M, ILAR, TRF, PLCA, PLY, MPT, BORG, JMJC, MTE, ESK, SPITS, SPB2, PAB, ESDC, MDT, NB2, NOA, NOA, ARCES, NB201, NC602, ESPZ, ARCES, KWS, HOF, KOWA, TIXI, DAVOX, GLL, GERES, FINES, VRAC, KEST, AKASG, KIRV, WRA.

NEIC 12 02:30:50.8.1.5, 15711N.0:09.94:86W:0.04, h35km, 2km, mb4.5/68, MD4.4 (MEX), Error ellipse: s-maj=15.8km s-min=5.8km az=183.0
MEX 12 02:30:52.0.5.15, 52N.94:86W, h16km, 5km, MD4.3, IDC 12 02:30:56.5.3.2.16: 16N:94:37W, h62km, 27km, mb3.8/14, mbmp4.1/16, ML3.7/2, MS3.2/5, Error ellipse: s-maj=27.3km s-min=14.4km az=58.0
ISC 12 02:30:49.1.1.6, 1566N.0:05.84W:0.03, h26km±12km, n126, s154/133, mb4.5/29, MS3.2/5, Near coast of Oaxaca

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PANG, PANG, UXUV, UXUV, TGIG, TGIG, PATR, PATR, PAVE, PAVE, CAVE, CAVE, CHUJ, CHUJ, HUEH, HUEH, RTAL, RTAL, PETF, PETF, MTO3, MTO3, TEIG, TEIG, TEIG, TEIG, MATN, MATN, LCR2, LCR2, 833A, 833A, HNDO, HNDO, 435B, 435B, TXAR, TXAR, BRDY, BRDY, OZNA, OZNA, WHTX, WHTX, FW13, FW13, ABTX, ABTX, FW03, FW03, 146A, 146A, SN01, SN01, APMT, APMT, WFTS, WFTS, LOOK, LOOK, DKNS, DKNS, MIAR, MIAR, X37A, X37A, X34A, X34A, UALR, UALR, WMOK, WMOK, W35A, W35A, MSTX, MSTX, FNO, FNO, AMTX, AMTX, DEOK, DEOK, OK029, OK029, CSTR, CSTR, FCAR, FCAR, OK052, OK052, LCAR, LCAR, USBA, USBA, ELIS, ELIS, OK046, OK046, OK051, OK051, CB0C, CB0C, CROK, CROK, US2A, US2A, ZARG, ZARG, T35A, T35A, OK032, OK032, PBMO, PBMO, MGMO, MGMO, KAN05, KAN05, T42A, T42A, YOTC, YOTC, KS20, KS20, JAMC, JAMC, GUY2, GUY2, ANMO, ANMO, S39A, S39A, BBAC, BBAC, NORC, NORC, ANIL, ANIL, POPO, POPO, TKL, TKL, T47A, T47A, ORTC, ORTC, R40A, R40A.

906

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ROSC, ROSC, R32A, R32A, PRAC, PRAC, RUSC, RUSC, CHIC, CHIC, WCI, WCI, P40A, P40A, BLO, BLO, P46A, P46A, N38A, N38A, P48A, P48A, N35A, N35A, SCIA, SCIA, L40A, L40A, K38A, K38A, JFWS, JFWS, I42A, I42A, SPMN, SPMN, G40A, G40A, NVAR, NVAR, NVAR, NVAR, COWI, COWI, E38A, E38A, SADO, SADO, AGMN, AGMN, ULM, ULM, SAML, SAML, LPAZ, LPAZ, MDP, MDP, SCHO, SCHO, BDFB, BDFB, INK, INK, ILAR, ILAR, ESDC, ESDC, NB2, NB2, NOA, NOA, ARCES, ARCES, GERES, GERES, FINES, FINES.

IDC 12 02:36:03.0.1.6, 2.67:60S:177.05W, h0km, mb3.7/3, mbmp3.7/3, MS3.4/4, Error ellipse: s-maj=46.1km s-min=25.0km az=120.0
ISC 12 02:36:10.2.1.4, 2.77S:0:2:177.1W:0.3, h55km, n10, s1926/7, mb3.7/3, Kermadec Islands region
RAO Raoul Island 1.68 206 Pn P 02 35 36.0 -1.2
MSVF Nonsavu 10.93 335 LR LR 02 42 29.2
DZM Mont Dzumac 15.99 287 LR LR 02 44 34.9
PPT Papeete 27.25 74 LR LR 02 52 09.1
ASAR Alice Springs 44.14 264 P P 02 44 14.3 +0.7
WRA Warrungarra Arr 44.89 269 P P 02 44 19.5 -0.1
PETK Petrovskovsk 83.46 345 LR LR 03 17 59.9
NVAR Mina Array Bea 85.74 42 P P 02 48 44.5 +0.8
AKASG Malin Array Be 149.62 36 P P 02 55 52.0 -1.3
BRTR Keskin Array B 151.95 30 P P 02 56 09.0 +0.2
NEIC 12 02:53:09.5.1.6, 6.8S:0.1:125.3E:0.2, h525km, 9km, mb4.4/23, Error ellipse: s-maj=22.2km s-min=14.3km az=70.0
IDC 12 02:53:09.8.1.8, 6.91S: 125:13E, h540km±22km, mb3.2/4, mbmp4.3/8, Error ellipse: s-maj=66.8km s-min=11.6km az=62.0
ISC 12 02:53:09.8.0.6, 6.84S:0.07:125.2E:0.1, h543km, n54, s1920/57, mb4.3/13, Banda Sea
SOEI Soe 3.06 198 P P 02 54 23.8 -1.0
SOEI Soe 3.06 198 P P 02 55 23.1 -2.7
SOEI Soe 3.06 198 P P 02 54 23.8 -1.0
BATI Baunita 3.69 205 P P 02 54 28.2 -0.7
KAPI Kappang 5.75 288 P P 02 54 46.5 +0.6
PLAI Pampang 7.65 255 P P 02 55 02.5 -1.4
MTN Mantion Dam 8.33 136 P P 02 55 10.2 -0.4
MTN Mantion Dam 8.33 136 P P 02 55 10.2 -0.4
TOL2 Tolitoli 9.06 330 P P 02 55 17.8 -0.3
KNRA Kunurra 9.44 159 P P 02 55 21.6 -0.3
KNRA Kunurra 9.44 159 P P 02 55 23.4 +1.5
FITZ Fitzroy Crossi 11.20 178 P P 02 55 39.6 +0.5
MBWA Marble Bar 15.20 200 P P 02 56 20.4 -1.1
WBWA Warrungarra 1A 15.63 146 P P 02 56 24.6 -1.4
WBWA Warrungarra 2A 15.63 146 P P 02 56 26.8 -1.4
WRAB Tennant Creek 15.74 147 P P 02 56 26.0 -1.1
WRAB Tennant Creek 15.74 147 P P 02 56 27.9 -1.4
WRA Warrungarra Arr 15.74 147 P P 02 56 24.9 -2.2
WRA Warrungarra Arr 15.74 147 P P 02 56 25.7 -1.4
WB2 Warrungarra Arr 15.75 147 P P 02 56 25.9 -1.3
WB2 Warrungarra Arr 15.75 147 P P 02 56 27.9 -1.3
WR0 Warrungarra Arr 15.87 146 P P 02 56 27.2 -1.2
WRKA Warakurna 18.34 171 P P 02 56 52.2 +1.1
AS31 Alice Springs 18.69 154 P P 02 56 55.1 +0.7

Table with columns: ASAR, Alice Springs, 18.69 154 P, P, 02 56 55.0 +0.6, comp=Z, 1.0nm, 0.8s, baz=350, slow=27, SNR=5.9

SNET 12 02:57:36.5±0.8, 15:20N;93:60W, h35km, 631km, ML4.1, MEX 12 02:57:37.0±0.4, 15:01N;93:59W, h20km, M03.6

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

Table with columns: TXIX, Tikisi, 88.75 348 LR, LR, 03 56 55.2

DJA 12 03:25:21.0±0.4, 10:55S;107E±, h10km, M4.2/12, mb4.5/4, mb5.4/1, MLV4.1/12, Mw(mb)4.8/1, South of Java

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

JMA 12 03:25:39.2±0.2, 26°N;125°E±, h111km, MV3.7/26, NW OFF MIYAKOJIMA ISLAND

ISC 12 03:25:38.8±1.0, 25:86N;109:125:08E±0:06, h127km, 10km, n25, c1909/43, mb3.8/4, Southwestern Ryukyu Islands

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

ZALV Zalesovo Beam 40.86 324 P, P, 03 33 08.0 0.0, 0.8nm, 0.4s, baz=116, slow=6.9, SNR=2.3

ASAR Alice Springs 49.97 169 P, P, 03 34 20.4 +0.3, 0.6nm, 0.4s, baz=356, slow=14, SNR=17

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

NINC 12 03:27:47.7±1.0, 50:36N;87:82E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=7.7km s-min=5.0m az=76.0

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

ASRS 12 03:27:42.8±0.2, 50:30N;1:0:8'E±, h10km, MLh3.0/16, Error ellipse: s-maj=2.3km s-min=2.1km az=91.4, confirmed

Table with columns: ASAR Alice Springs 24.37 219 P, P, 03 35 35.1 -1.9, 1.5nm, 0.8s, baz=40, slow=9.1, SNR=13

Table with columns: ILAR Eielson Array 83.29 23 P, P, 03 42 45.4 +0.5, 0.9nm, 0.8s, baz=258, slow=5.0, SNR=8.0

Table with columns: TORD Torodi Arr. Bea 147.95 287 PKPbc, PKPab, 03 50 07.7 +0.4, 0.8nm, 0.8s, baz=80, slow=3.0, SNR=4.7

Table with columns: BDBF Brasilia 152.66 139 PKPbc, PKIKP, 03 50 17.4 +1.0, 2.1nm, 0.7s, baz=230, slow=2.0, SNR=3.2

SSNC 12 03:34:44.0±2.0, 18:19N;73:30W, h5km, MD3.5, ML3.3, MW3.3

OSPL 12 03:34:44.4±3.1, 18:39N;73:20W, h0km, 14km, ML3.5, Confirmed Rockburst

SDD 12 03:34:45.9±2.2, 18:53N;73:19W, h23km, 999km, MD4.0, ML3.9

ISC 12 03:34:41.8±0.9, 18:54N;106:73:16W±0:03, h0km, n28, c1531/48, 16C-1D, Haiti region

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

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

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

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

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

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





12d 5h

2017 SEP

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Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KSU1, X18A, OLIL, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like P51A, P51A, P51A, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like V12A, O20A, O20A, etc.



Table with columns for call ID, station name, frequency, power, and other technical details. Includes stations like PDAR, F36A, GLMI, etc.

Table with columns for call ID, station name, frequency, power, and other technical details. Includes stations like AGNM, B35A, MPK, etc.

Table with columns for call ID, station name, frequency, power, and other technical details. Includes stations like PGC, LLLB, GO01, etc.



Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like UMMG Ummannaq, E27K Coleen River, G26K Porcupine River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like H22K Ishalaitna Cre, SVW2 Sparrevohn, N18K Kilae Creek, etc.

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like TBI Tubuai, TBI Tubuai, TBI Tubuai, etc.

12d 5h

2017 SEP

Table with columns for station call signs (e.g., MOL, AFI, ODD1, ETSF), names, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns for station call signs (e.g., CLL, FUORN, RETA, NKC), names, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns for station call signs (e.g., SOKA, CONA, ARSA, KEST), names, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like BURAR Bucovina Array, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like LZH Lanzhou, XAN Xi'an, STKA Stephens Creek, WHN Wuhan, GOMU GeErliu, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like LUXUV Retalhuleu, CCIG Comitán, CCGI Santiago 3, etc.

12d 5h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like 0K052 Battle Ridge R, RLO Rose Lookout, OK033 Mehan, etc.

2017 SEP

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PKM Mcpherson Peak, VES Vestal, BWO Boulder Array, etc.

916

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like M27K Edge Creek, DAWY Dawson, G31M Satah River, etc.

Table with columns: ID, Name, Az, El, P, S, R, Time, Res. Rows include stations like G23K Bananza Creek, D25K Kavik River, N18K Kluae Creek, etc.

Table with columns: ID, Name, Az, El, P, S, R, Time, Res. Rows include stations like PATR El Naranjo, PAVE Pavencul, CHUJ Union Juarez, etc.

Table with columns: ID, Name, Az, El, P, S, R, Time, Res. Rows include stations like OK031 comp=Z,1.5nm,0.6s, OK052 Battle Ridge R, QUOK Quay, etc.

Table with columns: Code, Station Name, Az, El, P, S, R, Time, Res. Rows include MEX 12 05:46:19.6, 1.2, 15.25N:94.58W, etc.

Table with columns: ID, Name, Az, El, P, S, R, Time, Res. Rows include W35A Tecumseh, MSTX Muleshoe, CBQC Ciudad Bolivar, etc.

Table with columns: ID, Name, Az, El, P, S, R, Time, Res. Rows include ECSD EROS Data Cent, MPMC Minus Prospec, K22A Casper, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AGMN Agassiz Nation, L61B Northampton, BOZ Bozeman (W), etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like COLD Coldfoot, O17K Koliganek Bris, E23K Cheddar, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like QIZ comp=Z,280nm,15.3s, KMI Kunming, KMI comp=Z,22nm,1.1s, etc.

12 06:00:42.6:0.6,26:16S:70:87E, h0km, mb4.4/21, mbmp4.4/21, MS3.9/5, Error ellipse: s-maj=16.9km s-min=14.9km az=161.0, BUJ 12 06:00:42.9:0.0,26:33S:70:46E, h26km, mb4.7/37, mb5.2/15, Mb4.8/6, Mb5.7/5.6, NEIC 12 06:00:44.3:1.8,26:15S:70:87E,0:1, h10km,1km, mb4.9/46, Error ellipse: s-maj=19.4km s-min=18.8km az=115.0, ISC 12 06:00:44.2:0.4,26:09S:0:08,70:78E:0:09, h10km, n103, o186/95, mb4.8/57, MS4.1/7, 5C-1D, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NJ2 Nanjing, BRTR Keskin Array B, ABKAR Akbulak array, etc.





Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like UNV Unalaska Valle, BRSE Bradley Lake S, MTBL Makushin Table, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like TRF Thorofare Moun, TRF Thorofare Moun, CHUM Lake Minchomin, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like P30M Million Dollar, S31K Pelican, F20K Avaraart Lake, etc.

Table of flight data for stations 921-974, including call signs (e.g., INK, BBB, C36M), destinations, times, and status indicators.

Table of flight data for stations YAK-280, including call signs (e.g., YAK, WUAZ, ECSD), destinations, times, and status indicators.

Table of flight data for stations ZALV-450, including call signs (e.g., ZALV, NSS, AN2Z), destinations, times, and status indicators.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Las Mesas, Aguadilla, and UPR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, Kurbb, and Mmai.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Eidsvoll, and Kununurra.

MEX 12 07:19:26.6:0.6, 15:30N:95:03W, h14km, 9km, MD4.4
NEIC 12 07:19:31.0:2.4, 15:56N:09:94:91W:0.02, h22km, 10km,
Mk4.0/17, MD4.4/35(MEX), Error ellipse: s-maj=13.4km

IDC 12 07:31:47.3:1.5, 52:35N:169:34W, h0km, mb3.7/5,
mbmp3.7/7, ML3.4/2, Error ellipse: s-maj=42.4km
s-min=23.4km az=170.0

IDC 12 08:35:41.6:2.7, 53:62N:87:12E, h0km, mbtmp2.8/2,
ML2.6/2, Error ellipse: s-maj=24.4km s-min=15.6km
az=70.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santiago Nilte, PCIG, and UXUV.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Concord Point, Cleveland East, and Nikolski High.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zalesovo Infra, ZALV, and Kurbb.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Arroyo Zacate, Union Juarez, and Pinotepa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurbb, TXAR, and ASAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zalesovo Beam, Kurbb, and Makanchi Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OZNA, WHTX, and ALPN.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Isla Desecho, Las Mesas, and Cabo Rojo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UPR, Warramunga Arr, and WRA.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Isla Saona, SADR, and SADR.

IDC 12 07:23:30.3:3.5, 7:41S: 131:40E, h62km, 52km, mb3.8/2,
mbmp4.1/5, ML4.2/3, MS3.2/2, Error ellipse:
s-maj=150.8km s-min=17.0km az=83.0

IDC 12 08:09:55.2:0.5, 53:05N:147:4E:0.2, h182km, 13km,
mb4.1/11, Error ellipse: s-maj=35.1km s-min=16.3km
az=93.0

IDC 12 09:03:52.1:1.1, 18:19N:0:05:67:61W:0.02, h28km, 5km,
ML2.1/16, MD3.0/9(RSPF), Error ellipse: s-maj=7.2km
s-min=3.2km az=176.0

12d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Juan, Patillas Dam, Miches, etc.

IDC 12 09:04:02.3:4.8, 6.02S:148.23E, h53km, 59km, mb3.2/1, mbtmpt3.9/4, ML3.9/1, MS3.1/1, Error ellipse: s-maj=92.0km s-min=18.1km az=125.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Karavat (AS076), Warramunga Arr, etc.

IDC 12 09:19:58.1:0.8, 15.56N:94.84W, h0km, mb4.1/14, mtbmp4.1/16, ML4.0/2, MS3.7/36, Error ellipse: s-maj=27.5km s-min=14.1km az=54.0

MEX 12 09:20:01.4:1.4, 15.58N:95.08W, h18km, 62km, MD4.9 NEIC 12 09:20:03.7:2.2, 15.63N:94.91W, 0.0, 4, h30km, 7km, mb4.5/128, MD5.0/34(MEX), Error ellipse: s-maj=12.3km s-min=5.3km az=197.0

GCG 12 09:20:12.9:4.2, 15.90N:93.70W, h186km, MD4.8 ISC 12 09:20:02.4:1.8, 15.57N:0.05:94.96W, 0.03, h30km, 13km, n385, r1551/386, mb4.4/49, MS3.7/35, 1D, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiago Nilte, Huatulo, Puerto Angel, Oaxaca, etc.

2017 SEP

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Esquiulas, MTO3, Puento Sto Nin, etc.

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Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Muleshoe, Amarillo, Depew, etc.



12d 9h

IDC 12 09:39:17.4,2.0,49.55N,129.15W,h0km,mb3.7/2,
mtbmp3.5/9,ML3.2/6,MS3.7/7,Error ellipse: s-maj=32.9km
s-min=10.8km az=71.0

ISC 12 09:39:10.4,1.1,49.009,100.5:129.86W,0.07,h10km,n60,
e2523/67,MS3.6/6,Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NEPTUNE Canada, KEMF, HOLB, EDL, PACB, etc.

IDC 12 09:41:29.8,10.0,203S,127.73E,h0km,mb4.0/2,
mtbmp4.0/3,ML4.2/1,Error ellipse: s-maj=149.6km
s-min=132.4km az=116.0,Ceram Sea

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

DJA 12 09:45:41.8,0.6,3.5S,-127.7E,h10km,MS3.5/7,mb3.9/3,
mB4.7/1,MLV3.2/7,MW(mB)3.9/1,Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NLA, SANI, LBMI, etc.

IDC 12 09:52:05.9,0.7,20.39S,173.79W,h0km,mb4.4/13,
mtbmp4.4/15,ML4.4/2,MS3.8/3,Error ellipse:
s-maj=29.2km s-min=15.9km az=146.0

NEIC 12 09:52:05.5,2.3,20.13S,0.10,173.33W,0.07,h10km,1km,
mB4.8/45,Error ellipse: s-maj=16.9km s-min=11.8km
az=177.0

NOU 12 09:52:20.4,19.12S,173.51W,h195km,mb4.7/12,Tonga
Islands

ISC 12 09:52:05.9,0.9,20.12S,173.42W,0.06,h8km,5km,
n129,e184/108,mb4.7/36,MS3.9/34,1C-2D,Tonga
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NIUE, AFI, SANI, etc.

2017 SEP

Table with columns: M/S/VF, Station Name, Time, Res, ISC. Lists stations like Nonsavu, RAR, RAR, etc.

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

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

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like EHP, ETL, NACB, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PETK, YBK, NVAR, etc.

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

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

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

IDC 12 09:55:56.4,24.20N,121.82E,h16km,ML1.8,1C-ID,D,
Taiwan

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



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ENTT Nioudou, ENTT baz=332, FUSB Pushanzhiwuyua, FUSB baz=339, YHNB Yeheng, YHNB baz=319, WARBT Fenglin Townsh, WARBT baz=219.

IDC 12 09:56:21.3.3.8,54,22N,87.55E, h0km, mbtmp2.6/2, ML2.0, Error ellipse: s-maj=33.6km s-min=20.5km az=42.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV baz=79,slow=328,SNR=5.2, ZALV 2.6mm,0.3s,baz=82,slow=13,SNR=10, ZALV 1.2m,0.3s,baz=80,slow=26,SNR=5.2, KURBS Kurchatov Arra, KURBS baz=319, MKRAR Makanchi Array, MKRAR baz=28,slow=14,SNR=1.7, 0.1mm,0.4s.

IDC 12 10:10:10.3.1.1, 27.91N,101.59E, h0km, mb3.8/5, mbtmp3.9/5, MS3.3/5, Error ellipse: s-maj=45.8km s-min=18.1km az=63.0, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR Chiang Mai Arr, CMAR baz=9.7,slow=16,SNR=7.2, CMAR 0.4m,0.3s,baz=7.1,slow=25,SNR=2.3, KSRS Korea Array, KSRS baz=24,slow=220,SNR=37, MKRAR Makanchi Array, MKRAR baz=24,slow=13,SNR=12, MKRAR comp=Z,39m,20.3s,baz=142,slow=36,2.2mm,0.6s, JNU Nakatsu, JNU baz=27.7, LR, KURBS Kurchatov Arr, KURBS baz=29.6, P, AKTO Aktyubinsk, AKTO baz=39.82, P, OBN Obninsk, OBN baz=53.43, LR, WRA Warrungung Arr, WRA baz=57.16, P, ASAR Alice Springs, ASAR baz=60.01, P, URZ Urewa, URZ baz=96.49, LR.

UPA 12 10:50:20.3.0.7, 8.65N,82.934W, h15km,5km, ML3.0, MW2.7,2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CDITO Canoas, CDITO comp=Z,12m,0.0s, BRUZ Volcan, BRUZ baz=0.28, P, BRUZ Volcan, BRUZ baz=0.28, P, BRUZ comp=Z,637m,0.1s, BCO2 Palmira, BCO2 baz=0.41, P, BCO2 Palmira, BCO2 baz=0.41, P, DVD David, DVD baz=0.53, P.

MEX 12 11:06:13.3.0.6, 16.08N,95.11W, h68km,15km, MD4.6 IDC 12 11:06:14.5.8.0, 16.15N,95.30W, h0km, mb3.7/2, mbtmp3.5/3, ML3.5/1, MS3.2/1, Error ellipse: s-maj=22.4km s-min=12.3km az=40.0

NEIC 12 11:06:14.0.1.8, 15.89N,101.08,95,06W,0.04, h33km,9km, mb4.2/44, MD4.6/9(MEX), Error ellipse: s-maj=12.0km s-min=5.2km az=17.8

ISC 12 11:06:14.5.0.8, 15.93N,101.07,95,05W,0.04, h49km, n72, az=180/75, mb4.0/10, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NILT Santiago Nilte, NILT baz=0.75, P, PANG Puerto Angel, PANG baz=1.40, P, PANG Puerto Angel, PANG baz=1.04, P, PCIG PCIG, PCIG baz=1.77, P, PEIG Puerto Escondido, PEIG baz=2.02, P, TGIG TGIG, TGIG baz=2.03, P, HUEH Huehuetenango, HUEH baz=3.47, P, RTAL Retalhuleu, RTAL baz=3.52, P, PETF Flores, PETF baz=3.74, P, UNM Universidad Na, UNM baz=5.19, P, ESQI Esquipulas, ESQI baz=5.67, P, MTO3 Montecristo, MTO3 baz=5.70, P, TEIG Tepich, TEIG baz=7.72, P, TGUH Tegucigalpa,UN, TGUH baz=7.74, P, MGNM Managua, MGNM baz=9.32, P, ORTG Ortega, Santa, ORTG baz=10.85, P, DUNO Dulce Nombre, DUNO baz=10.97, P, LCR2 La Lucha 2, LCR2 baz=12.40, P, RIMA Rio Macho, RIMA baz=12.50, P, 435B Jarrell, 435B baz=17.96, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TX31 Lajitas Ar. Si, TX31 baz=15.52, P, TX32 Lajitas Array, TX32 baz=15.52, P, TXAR Lajitas Array, TXAR baz=15.52, P, ALPN Alpine, ALPN baz=16.39, P, FW06 Azle, FW06 baz=17.12, P, ABTX Abilene, Hawle, ABTX baz=17.13, P, FW03 Perrin-Whitt E, FW03 baz=17.25, P, Z38A Mt. Pleasant, Z38A baz=17.25, P, 146A Union, 146A baz=17.50, P, SN01 Snyder 1, SN01 baz=17.67, P, APMT Aspermont, APMT baz=17.92, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include APMT comp=Z,6.0nm,0.8s, MNTX Cornudas Mount, MNTX baz=18.30, P, DKN5 Dickens, DKN5 baz=18.44, P, X37A Clayton, X37A baz=18.58, P, MIAR Mount Id., MIAR baz=18.58, P, X34A Smith Ranch, M, X34A baz=18.76, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WMOK Wichita Mounta, WMOK baz=19.02, P, DEOK Depes, DEOK baz=19.87, P, TUL3 Leonard, TUL3 baz=19.91, P, OK031 S. Brethren Rd, OK031 baz=20.00, P, OK052 Battle Ridge R, OK052 baz=20.04, P, FCAR Ozark Folk Cen, FCAR baz=20.05, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OK033 Mehan, OK033 baz=20.10, P, QUOK Quay, QUOK baz=20.21, P, U38A Gravette, U38A baz=20.43, P, OK048 Pawnee Station, OK048 baz=20.47, P, OK051 E0350 and S346, OK051 baz=20.55, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CROK Carrier, CROK baz=20.66, P, T35A Sooner Baldy, T35A baz=20.94, P, SBM South Cayte, SBM baz=21.03, P, TUCS Tucson, TUCS baz=21.68, P, S39A Bolivar, S39A baz=21.73, P, T25A Trinidad, T25A baz=22.70, P, X16A Lo Mia Camp, P, X16A baz=23.58, P, SDCO Great Sand Dun, SDCO baz=23.61, P, WUAZ Wupatki, WUAZ baz=24.36, P, N38A Jess South For, N38A baz=24.82, P, SDV Santo Domingo, SDV baz=24.83, P, PV03 Paradox Valley, PV03 baz=25.34, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PV12 Saucer Basin, PV12 baz=25.38, P, SMCO Snowmass, SMCO baz=25.41, P, NV11 Mina Array Sit, NV11 baz=30.25, P, MDPB Devils Postpile, MDPB baz=30.29, P, NVAR Mina Array Bea, NVAR baz=30.34, P, NVAR Mina Array Bay, NVAR baz=30.34, P, ILAR Eielson Array, ILAR baz=59.92, P.

DJA 12 11:08:36.7.0.5, 9.5S,5.124E, h105km,5km, M3.5/8, mb3.9/4, MLV3.4/5, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI Soe, SOEI baz=0.93, P, BATI Baumata, BATI baz=1.54, P, MNRH Meaurio, MNRH baz=2.11, P, EDFI Ende, Flores, EDFI baz=2.64, P, BASI Baing, Sumba, BASI baz=3.98, P, PLAI Plampang, PLAI baz=5.61, P, TWSI Taisang Sumb, TWSI baz=7.39, P.

ISC 12 11:26:01.6.1.4, 27.95N,101.68E, h0km, mb3.6/4, mbtmp3.5/5, ML3.7/1, MS3.6/2, Error ellipse: s-maj=41.2km s-min=26.8km az=73.0, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR Chiang Mai Arr, CMAR baz=9.77, P, KSRS Korea Array, KSRS baz=23.97, P, MKRAR Makanchi Array, MKRAR baz=24.20, P, JCJ Chichijima, JCJ baz=35.82, P, TIXI Tikisi, TIXI baz=46.26, P, WRA Warrungung Arr, WRA baz=57.14, P, ASAR Alice Springs, ASAR baz=59.99, P.

IDC 12 11:26:40.3.0.6, 27.92N,101.55E, h0km, mb4.3/24, mbtmp4.3/25, ML3.9/1, MS3.8/9, Error ellipse: s-maj=16.2km s-min=12.2km az=55.0

BUI 12 11:26:42.7.0.0, 27.90N,101.45E, h10km, mb4.6/47, mb4.8/25, ML4.7/19, MS4.6/60, Msr 4.3/57

MOS 12 11:26:42.9.1.1, 27.87N,101.64E, h31km, mb4.8/33, MS4.0/5, Error ellipse: s-maj=7.4km s-min=5.3km az=108.4

NEIC 12 11:26:45.1.8, 27.91N,101.69E,0.07, h33km,5km, mb4.7/110, Error ellipse: s-maj=9.8km s-min=6.3km az=67.0

ISC 12 11:26:42.5.0.3, 27.88N,103.01,94E,0.03, h10km, n264, az=185/255, mb4.7/101, MS4.0/17, 9C-4D, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KMI Kunning, KMI comp=N,4um,1.1s, CD2 Chengdu, CD2 comp=E,2um,0.8s, CD2 comp=N,6um,1.0s, CD2 comp=E,7um,0.9s.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TNCH TengChong, TNCH comp=N,4um,1.5s, TNCH comp=E,3um,1.6s, TNCH comp=N,4um,1.5s, TNCH comp=N,120nm,1.8s, TNCH comp=E,130nm,1.6s, TNCH comp=N,4um,9.6s, TNCH comp=E,9um,9.6s.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GYA Gulyang, GYA comp=E,560nm,0.8s, GYA comp=N,2um,3.9s, GYA comp=E,2um,4.3s, GYA comp=N,2um,5.9s, LKP Lekhapani, LKP baz=5.03, P, MOKO MOKOCHONG, MOKO baz=6.40, P, ZIRO ZIRO, ZIRO baz=6.78, P, ITANAGAR KOHI, ITANAGAR baz=6.94, P, ENH Enshi, ENH baz=7.39, P, CRAI Chiangrai, CRAI baz=7.69, P, TEZP TEZPUR, TEZP baz=7.82, P, LANZHOU Lanzhou, LANZHOU baz=8.42, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include XAN Xian, XAN comp=N,690nm,1.4s, XAN comp=E,940nm,1.3s, XAN comp=N,1um,6.1s, XAN comp=E,3um,7.6s, XAN comp=N,2um,7.1s, SHL Shillong, SHL baz=8.89, P, LSA Lhasa, LSA baz=9.25, P, LSA Lhasa, LSA baz=9.25, P, CHTO Chiang Mai, CHTO baz=9.32, P, SAIH SAH, SAIH baz=9.38, P, CM31 Chiang Mai Arr, CM31 baz=9.67, P, CMAR Chiang Mai Arr, CMAR baz=9.67, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMAR Chiang Mai Arr, CMAR comp=Z,8.0nm,0.9s, CMAR comp=Z,0.3nm,0.3s,baz=8.0,slow=16,SNR=34, CMAR comp=Z,0.4nm,0.3s,baz=18,slow=15,SNR=5.3, CMAR comp=Z,0.8nm,0.3s,baz=1.2,slow=29,SNR=8.4, CMAR comp=Z,436nm,20.6s,baz=15,slow=42, CMAR comp=Z,7.7nm,0.9s.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHN Wuhan, WHN comp=Z,5um,7.4s, WHN comp=Z,3um,11.9s, WHN comp=Z,4um,9.4s, GTA Gaotai, GTA baz=11.58, P, GTA comp=Z,4.0nm,1.0s, GTA comp=Z,620nm,11.6s, GTA comp=Z,2um,12.0s, QIZ Qiongzhou, QIZ baz=11.68, P, QIZ comp=Z,940nm,9.8s, QIZ comp=Z,3um,10.1s, QIZ comp=Z,3um,10.6s, QIZ comp=Z,2um,10.4s, QIZ comp=Z,3um,10.6s.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GZH Guangzhou, GZH baz=11.73, P, GZH comp=Z,1um,6.7s, GZH comp=Z,700nm,6.3s, GZH comp=Z,1um,2.7s, HKPS Hong Kong Po S, HKPS baz=12.75, P, TIY Taiyuan, TIY baz=13.44, P, TIY comp=Z,12nm,0.6s, TIY comp=Z,99nm,3.8s, TIY comp=Z,3um,12.4s, TIY comp=Z,3um,13.1s, TIY comp=Z,960nm,12.4s, TIY comp=Z,20nm,0.4s, GUN Gumba, GUN baz=13.80, P, PKI Pulchoki, PKI baz=14.24, P, PKIN Pulchoki, PKIN baz=14.27, P, DMN Daman, DMN baz=14.51, P, BTO Baotou, BTO baz=14.51, P, BTO Baotou, BTO baz=14.51, P, BTO Baotou, BTO baz=14.51, P, BTO Baotou, BTO baz=14.51, P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JIRN Jiri, JIRN baz=13.55, P, GUN Gumba, GUN baz=13.80, P, PKI Pulchoki, PKI baz=14.24, P, PKIN Pulchoki, PKIN baz=14.27, P, DMN Daman, DMN baz=14.51, P, BTO Baotou, BTO baz=14.51, P, BTO Baotou, BTO baz=14.51, P, BTO Baotou, BTO baz=14.51, P, BTO Baotou, BTO baz=14.51, P, HNS Hongshan, HNS baz=14.62, P.



Table with columns: POKR, WRH, RND, etc. Station names, coordinates, and status. Includes entries like 'Poker Plat Res', 'Wood River Hil', 'Clear Creek Bu', etc.

Table with columns: SNUE, NUBE, NUBA, etc. Station names, coordinates, and status. Includes entries like 'San Jose', 'Las Nubes', 'Alcaldia de Sa', etc.

Table with columns: SICH, SICH, PVLZ, etc. Station names, coordinates, and status. Includes entries like 'Sidi Chahed', 'Peen de', 'Palemas', etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like 'MEX 12:12:09.30.9.0.3', 'PCIG', 'PATR', etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like 'LDG 12:37:59.7.0.3', 'INMG 12:38:01.2.1.7', 'SFS 12:38:01.6.35', etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like 'EADA', 'EADA', 'MESJ', etc.



Table listing astronomical observations including station names (e.g., MT02, VA03), coordinates, and observation details. Includes sections for Curacav, San Esteban, Peldehue, Rencá, Santo Domingo, Combarbal, and various other stations.

Table listing astronomical observations for stations in Chile (CTA0, ARMA, MTSU, etc.) and Argentina (RTZ, CTA0, ARMA, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (RTZ, BKZ, BKL, etc.) and Argentina (CMAR, WRA, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (DJA, BELA, ELIB, etc.) and Argentina (CTA0, ARMA, MTSU, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (GENI, JAY, JAY, etc.) and Argentina (CMAR, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (RAO, RAO, RAO, etc.) and Argentina (URZ, URZ, RTZ, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (BBOO, BBOO, MULG, etc.) and Argentina (WRA, WRA, WRA, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (WRO, WRO, WRO, etc.) and Argentina (GSPA, GSPA, GSPA, etc.). Includes coordinates and observation details.

Table listing astronomical observations for stations in Chile (NILT, NILT, NILT, etc.) and Argentina (PATR, PATR, PATR, etc.). Includes coordinates and observation details.

12d 15h

Table with columns for station name, frequency, and other details. Includes stations like 237A Washetta, OZNA Ozona, WHTX Lake Whitney, etc.

2017 SEP

Table with columns for station name, frequency, and other details. Includes stations like R33M Jennings River, Q32M Nakina River, M29M Somme Creek, etc.

932

Table with columns for station name, frequency, and other details. Includes stations like COVE Coope Vega, JACO Garabito, LCR2 La Lucha 2, etc.

GCMT 12 15:28:19.4+0.4, 15:20N:0.02-94.00W:0.03, h42km, 1km, M45.667, Moment Tensor Solution, s44, c55, s 461.7 c88, Duration: 0. Moment tensor: Scale 10^16Nm; M2.92; -2.2; Mw:3.28; 12; Mw:0.29; 15; Mw:1.58; 11; Mw:0.34; 14; Mw:0.86; 12; Best double couple: M3.63500x10^16 NP1: s287.00000, s60.00000, s1.00300000. NP2: s83.00000, s32.00000, s69.00000. Principal axes: T 3.5430, Plg72.0000, Azm228.0000; N 0.1850, Plg11.0000; Azm101.0000; P -3.7280, Plg14.0000, Azm8.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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

Table with columns: Station ID, Name, Frequency, Class, Power, and other details. Includes stations like WNIOK, ZARAGO, WHAR, X48A, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, and other details. Includes stations like CHIC, RUSC, T45B, V51A, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, and other details. Includes stations like P46A, S22A, P48A, etc.

12d 15h

Table with columns: DUG, Duway, Toolee, 30.01 330, P, P, 15 34 25.2 -0.4, etc. Lists various locations and their associated data points.

2017 SEP

Table with columns: PLID, Pearl Lake, 35.30 333, Iamb, Iamb, 15 35 20.5, etc. Lists various locations and their associated data points.

934

Table with columns: SMTB, Santa Maria do, 51.76 114, eP, P, 15 37 23.8 -0.6, etc. Lists various locations and their associated data points.





12d 15h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Unalakleet, Kuna River, Kwailek Mounta, etc.

2017 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WET, KHC, KHC, KHC, etc.

936

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GOMU, ENH, WBE2, WRAB, etc.

NEIC 12 15:35:33.0, 1.4, 2.4, 6S:0.1x179.9W:0.2, h54km, 16km, mb4.2/17, Error ellipse: s-maj=25.3km s-min=13.6km

IDC 12 15:35:35.7, 9.8, 24.1, 19S:179.62E, h547km, 65km, mb3/3, mb1mb4, 1/4, Error ellipse: s-maj=180.5km s-min=29.7km

ISC 12 15:35:31.0, 0.9, 24.7S:0.1x179.9E:0.1, h517km, n26, a0594/26, mb4.1/11, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSVF, NIUE, LHI, ARMA, etc.

IPEC 12 15:40:24.3, 0.2, 50.30N:18.78E, h0km, ML2.1/4, Error ellipse: s-maj=2.3km s-min=0.8km

PRU 12 15:40:24.5, 50.32N:18.74E, h0km, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OKC, OJC, MORC, etc.

IDC 12 15:40:27.4, 1.1, 55.34N:157.42W, h0km, mb4.0/15, mb1mb4, 0/18, ML4.0/3, MS3.6/3, Error ellipse: s-maj=26.3km s-min=17.5km az=179.0

AEIC 12 15:40:31.4, 1.2, 55.18N:106.157W:0.06, h23km, 6km, ML3.7, mb4.1/6(NEIC), ML3.9/38(NEIC), Error ellipse: s-maj=9.2km s-min=4.5km az=171.0

NEIC 12 15:40:31.3, 1.2, 55.17N:106.157W:0.07,

h35km, 14km, Error ellipse: s-maj=8.6km s-min=5.0km

az=159.0

ISC 12 15:40:32.0±0.8,5524N,007.15710W,0.04,h36km±2km,

m259,0.95/259,mb4.1/16,Alaska Peninsula

Table with columns: Code, Station Name, Δ°, AZ, Op, Phase ID, ISC, h, m, s, Res, ISC

Table with columns: N16K, Nishlik Lake, 5.33 351, P, Pn, 15 41 48.5 -0.6

Table with columns: ILAR, LR, LR, comp=N, 104nm, 20.3s, baz=234, slow=40

12C 15:58:30.5±1.8, 7.54S; 129.38E, h100km±17km, mb3.8/12, ...

Table with columns: Code, Station Name, Δ°, AZ, Op, Phase ID, ISC, h, m, s, Res, ISC

Table of station data for 12d 16h, including station names (e.g., TOLIE, TWSI), coordinates, and various parameters like P, Pn, LR, etc.

Table with 4 columns: Code, Station Name, A° AZZ, Phase ID, Time, Res

Main table of station data for 2017 SEP, listing station names, coordinates, and parameters across multiple columns.

Table with 4 columns: Code, Station Name, A° AZZ, Phase ID, Time, Res

MW4.7/65. Moment Tensor Solution. s17.c20; s65.c81; Duration: 0. Moment tensor: Scale 10^16Nm; Mw1.24; 09; Mw=1.1; 12; Mw=0.12; 13; Mw=0.06; Mw=0.66; 12; Mw=0.35; 07; Best double couple: Mw1.50600x10^16; NP1: 0.119.00000; 858.00000; A93.00000; NP2: 0.294.00000; 832.00000; 786.00000; Principal axes: T 1.4050, Plg76.0000; Azm37.0000; N 0.2040, Plg200.0000; Azm298.0000; P -1.6080, Plg13.0000; Azm207.0000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate

MEX 12 16:58:14.6: 1.1, 15:33N; 93:21W, h77km, MD3.8 GCG 12 16:58:15.5: 1.3, 15:38N; 93:16W, h70km, MD5.4 IDC 12 16:58:17.2: 3.4, 15:44N; 92:86W, h112km; 30km, mb3.8/9, s-mbj=3.71, MS3.5/38, Error ellipse: s-maj=31.0km s-min=12.9km az=60.0

ISC 12 16:58:13.6: 0.7, 15:32N; 0:05; 93:18W; 0:04, h78km, gkm, n373, s1916/299, mb4.5/55, Near coast of Chiapas

Table with 4 columns: Code, Station Name, A° AZZ, Phase ID, Time, Res



Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like J20K Nowinta River, D24K Happy Valley, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like MTN Mantong Dai, KDU Kakuda, BATI Baumata, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like JSK Shakotan, JSH Shimam, JHST Hiyamasetana, etc.

MEX 12:17:58:19.9, 0.7, 15.67N, 95.21W, h38km, 86km, MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like HUIG Huatulco, PEIG Puerto Escondido, VHO Vista Hermosa, etc.

THE 12:17:49:36.7, 36.50N, 22.86E, h0km, 1km, ML2.4/6, Error ellipse: s-maj=1.1km s-min=0.3km az=270.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like MNVA Monemvasia, KTHA Kythira Island, ANKY Antikythira Is, etc.

ISC 12:17:59:47.7, 9.6, 15.67N, 94.18W, h48km, 53km, mb3.6/5, mbmp3.8/6, ML4.5/2, MS3.4/5, Error ellipse: s-maj=119.4km s-min=34.5km az=174.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like NILT Santiago Nite, PCIG Puerto Angel, PATR El Naranjo, etc.



12d 18h

2017 SEP

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like LPAZ La Paz, SCHQ Scheferville, YKA Yellowknife Ar, etc.

Table with columns: TEIG, Station Name, Az, El, P, Res. Includes stations like Tepich, CNGN Cerro Negro, MATN Matagapa, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like ULM Lac du Bonnet, J08A Circle Bar, PLID Pearl Lake, etc.

MEX 12 18:36:03.3±0.7, 15.03N-94.03W, h25km, MD4.2
NEIC 12 18:36:03.9±2.6, 15.11N-94.05W±0.04, h38km±11km, mb4.4/91, MD4.2/14(MEX), Error ellipse: s-maj=12.4km

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like PCIG, HUG, NILT, PATR, etc.

Table with columns: TEIG, Station Name, Az, El, P, Res. Includes stations like Tepich, CNGN Cerro Negro, MATN Matagapa, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like ULM Lac du Bonnet, J08A Circle Bar, PLID Pearl Lake, etc.



Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ODSA, SN01, APMT, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like SAML, LPAZ, MDP, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TX32, TXAR, TXAR, etc.

IDC 12 19:06:04.3-0.9 15:55N-94:86W, h0km, mb4.1/12, m1mp4, 1/13, ML-4, 7/2, MS3, 3/4, Error ellipse: ...

NEIC 12 19:06:05.1-3.0 15:43N-105:06W, 0.0/0.4, h10km, 1km, mb4.3/73, Md4.3/47(MEX), Error ellipse: s-maj=10.7km

MEX 12 19:06:06.8-0.7 15:32N-95:04W, h19km, 4.3km, MD4.3

ISC 12 19:06:04.0-4.0 15:48N-100:45W, 0.0/2.0, h10km, n132, e227/150, mb4.3/27, MS3.5/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HUIG, NIIT, PANG, etc.

Table with columns: NOA, LR, LR, 19 55 06.0. Includes stations like HFS Hagfors, PZH PanZhiHua, CMAR Chiang Mai Arr.

IDC 12 19:09:10.5:0.6,57.98N:32.49W,hOkm,mb4.1/21, mbmp4.1/23,ML3.8/2,MS4.1/81,Error ellipse: s-maj=18.5km s-min=12.4km az=4.0

NEIC 12 19:09:11.7:1.3,58.10N:0.09:32.3W:0.1,h1Okm,1km, mb4.7/141,Error ellipse: s-maj=15.8km s-min=11.7km az=173.0

GCMT 12 19:09:11.7:0.2,57.99N:0.03:32.3W:0.0:0.3,h12km, MW4.9/102,Moment Tensor Solution. s21,c22: s102,c147; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=2.42e-08; Mxx=0.15e-09; Myy=2.57e-06; Mzz=1.17e-32; Mxy=0.41e-07; Mxz=0.49e-29; Best double couple: Mxx=2.81000e+16; Myy=1.66000e+00; Mzz=5.53000e+00; Mxy=1.20000e+00; Mxz=3.00000e+00; 346.00000; 1-56.00000 Principal axes: T 2.6520,Plg4.0000; Azm277.0000; N 0.3280,Plg24.0000; Azm185.0000; P -2.9840,Plg66.0000; Azm16.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 19:09:12.8:0.6,58.13N:0.07:32.36W:0.05,h16km,3km, h16km:pp-P,n249,c1960/143,mb4.6/92,MS4.1/82,

Reykjanes Ridge

Main table for 12d 19h with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like NRS Narsarsuaq, ANGG Ammassalik, BORG Borgarnes, etc.

Main table for 2017 SEP with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like MNK Minsk, BURAR Bucovina Array, AKASG Main Array, etc.

Main table for 944 with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like BPMT Black Pine Ridge, HDA Harding Lake, N23A Red Feather Lake, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 945 MHz band.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the 129.15-129.21 MHz band.

NEIC 12 19:15:51.7, 2.21:82S:0.10x:177:72W:0.09, h324km, 6km, mb4, 4/80, Error ellipse: s-maj=13.9km s-min=12.8km az=115.0

IDC 12 19:15:55.2, 2.0, 21:83S:177:78W, h359km, 10km, mb3, 6/14, mbtpm4, 4/18, Error ellipse: s-maj=18.0km s-min=13.3km az=140.0

ISC 12 19:15:53.9, 0.3, 21:85S:0.05x:177:76W:0.06, h350km, n207, s125/214, mb4, 3/49, 35C-8D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for stations in the 15.0-16.0 MHz band.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 13nm, 0.4s, 341, 16, 21, 11, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 MHz band.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 15.0-16.0 MHz band.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 12d 19h band.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for FETA, TORD, and TORO.

Code Station Name Az AZ Phase ID Time Res ISC
MKAR Makanchi Array 22.28 304 P P 19 36 48.2 0.0

Code Station Name Az AZ Phase ID Time Res ISC
WRA Warrungga Arr 61.42 153 P P 19 42 08.2 +0.5

Code Station Name Az AZ Phase ID Time Res ISC
ASAR Alice Springs 64.71 155 P P 19 42 28.9 -0.6

Code Station Name Az AZ Phase ID Time Res ISC
PNIG Pinotepa 0.57 69 Op ISC Pn 19 58 32.9 +0.7

Code Station Name Az AZ Phase ID Time Res ISC
MGIG Malinaltepec 1.05 3 P P 19 58 40.3 +0.1

Code Station Name Az AZ Phase ID Time Res ISC
DAIG Los Arroyos 1.25 312 Op ISC Pn 19 58 42.9 -1.0

Code Station Name Az AZ Phase ID Time Res ISC
YOIG Yosondua 1.28 58 Op ISC Pn 19 58 44.1 -0.3

Code Station Name Az AZ Phase ID Time Res ISC
YOIG Yosondua 1.28 58 Op ISC Pn 19 58 44.1 -0.3

Code Station Name Az AZ Phase ID Time Res ISC
TLIG Tlaxiaco 1.38 39 Op ISC Pn 19 58 46.1 -0.1

Code Station Name Az AZ Phase ID Time Res ISC
FTIG Fresnillo de T 1.79 17 Op ISC Pn 19 58 52.0 +0.7

Code Station Name Az AZ Phase ID Time Res ISC
HLIG Huajuapán de L 1.84 27 Op ISC Pn 19 58 53.2 -1.2

Code Station Name Az AZ Phase ID Time Res ISC
OXIG Oaxaca 2.07 64 Op ISC Pn 19 58 55.5 +0.5

Code Station Name Az AZ Phase ID Time Res ISC
VHO Vista Hermosa 2.07 64 Op ISC Pn 19 58 55.5 +0.5

Code Station Name Az AZ Phase ID Time Res ISC
UNIG Universidad Na 3.16 352 Pn Pn 20 01 11.7

Code Station Name Az AZ Phase ID Time Res ISC
CNIG Cerro Negro 12.18 106 Pn Pn 20 01 16.6 +2.9

Code Station Name Az AZ Phase ID Time Res ISC
TXAR Lajitas Array 13.87 342 Pn Pn 20 01 38.4 +1.5

Code Station Name Az AZ Phase ID Time Res ISC
SAND Sanderson 16.09 348 Pn Pn 20 01 41.4 +1.9

Code Station Name Az AZ Phase ID Time Res ISC
MNTY Cornudas Mount 16.61 340 P Pn 20 02 14.4 +1.3

Code Station Name Az AZ Phase ID Time Res ISC
DKNS Dickens 17.53 354 P Pn 20 02 25.6 +0.9

Code Station Name Az AZ Phase ID Time Res ISC
319A Douglas 17.95 328 P Pn 20 02 30.4 +0.5

Code Station Name Az AZ Phase ID Time Res ISC
X18A Snowflake 20.88 333 P Pn 20 03 04.5 +1.8

Code Station Name Az AZ Phase ID Time Res ISC
X16A Lo Mia Camp, P 21.47 330 Pn Pn 20 03 10.3 +1.3

Code Station Name Az AZ Phase ID Time Res ISC
T25A Trinidad 21.48 347 P Pn 20 03 07.1 -2.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for NILT, HUIG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PANG, PANG, and PANG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for 425A, ODSA, and ODSA.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for SN01, APMT, and APMT.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for WFTS, WFTS, and WFTS.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for POST, POST, and POST.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for MNTX, GTTY, and GTTY.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for MET, UREC, and CBOC.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for 121A, 121A, and 121A.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for DUN6, DUN6, and DUN6.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for GUYC, GUYC, and GUYC.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for ROSC, ROSC, and ROSC.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for CHIC, RUSC, and T25A.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for X16A, X16A, and X16A.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for SDCO, SDV, and SDV.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for WUAZ, WUAZ, and WUAZ.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for SMCO, SMCO, and SMCO.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for MTPU, SJG, and SJG.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for ATAH, ATAH, and ATAH.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for PDAR, PDAR, and PDAR.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for NVAR, NVAR, and NVAR.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for SADO, SADO, and SADO.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for YNE, YNE, and YNE.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for AGM, AGM, and AGM.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for WVOR, WVOR, and WVOR.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes rows for J08A, J08A, and J08A.

MEX 12 20:07:31.0-0.9, 15:37N-94:80W, h16km, 9km, MD5.0

NEIC 12 20:07:31.2-2.5, 15:41N-09:94:78W, 0.0, 4, h35km, 11km

ISC 12 20:07:30.5-0.5, 15:39N-0:04:94.75W, 0.03, h35km, n140

Code Station Name Az AZ Phase ID Time Res ISC
TXAR Lajitas Array 16.13 331 Pn Pn 20 11 15.4 +0.7

Code Station Name Az AZ Phase ID Time Res ISC
TXAR Lajitas Array 16.13 331 Pn Pn 20 11 15.4 +0.7

Code Station Name Az AZ Phase ID Time Res ISC
TXAR Lajitas Array 16.13 331 Pn Pn 20 11 15.4 +0.7

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
425A Indio Mountain 17.97 330 Pn Pn 20 11 37.2 +0.6



Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like DRV Dumont d'Urville, NTNT Ternate, SOEI Soe, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like Q17K Contact Creek, NVAR Mina Array Bea, PAHR Pah Rah Range, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like K17K Iditarod, MVU Marysvalle, GLI Glacier Island, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHTO Chiang Mai, S39A Bolivar, ELIB Princess Elisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GERES GERESS Array B, SRO Srobarova, SULR Sulz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANTO Anankara, ARR Arges, DEV Deva, etc.









Table of astronomical observations for 12d 22h, including stations like WMO, H10N2, H10N3, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 12d 22h, including stations like SOEG, DY2G, ICSG, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 12d 22h, including stations like VRAC, MORC, MORC, etc., with columns for station name, time, and magnitude.

NEIC 12 21:26:49.8±2.3, 15°39'N, 0°09'44"W, 0.4, h39km, 12km, mb4.0/3, Md4.3(16)(MEX), Error ellipse: s-maj=13.7km s-min=5.4km az=186.0

MEX 12 21:26:51.1±1.1, 15°43'N, 94°92'W, h18km, 12km, Md4.3 ISC 12 21:26:49.9±1.1, 15°45'N, 0°07'94"W, 0.03, h37km, n31, a113/42, Near coast of Oaxaca

MEX 12 21:26:51.1±1.1, 15°43'N, 94°92'W, h18km, 12km, Md4.3 ISC 12 21:26:49.9±1.1, 15°45'N, 0°07'94"W, 0.03, h37km, n31, a113/42, Near coast of Oaxaca

Table of astronomical observations for 12d 22h, including stations like NILT, HUIG, HUIG, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 12d 22h, including stations like PCAS, MTE, PCBR, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 12d 22h, including stations like BUR0, BUR0, BURAR, etc., with columns for station name, time, and magnitude.

TEH 12 22:04:42.8, 38°48'N, 46°83'E, h10km, 643km, ML2.6 ISC 12 22:04:42.5±1.2, 38.50°N, 0°04:46.83E, 0.05, h10km, n7, a154/110, Iran-Armenia-Azerbaijan border region

TEH 12 22:04:42.8, 38°48'N, 46°83'E, h10km, 643km, ML2.6 ISC 12 22:04:42.5±1.2, 38.50°N, 0°04:46.83E, 0.05, h10km, n7, a154/110, Iran-Armenia-Azerbaijan border region

TEH 12 22:04:42.8, 38°48'N, 46°83'E, h10km, 643km, ML2.6 ISC 12 22:04:42.5±1.2, 38.50°N, 0°04:46.83E, 0.05, h10km, n7, a154/110, Iran-Armenia-Azerbaijan border region

Table of astronomical observations for 12d 22h, including stations like ITBZ, ISRB, ISRB, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 12d 22h, including stations like PRU, RES, ZVC, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 12d 22h, including stations like YKA, YKA, JFWS, etc., with columns for station name, time, and magnitude.



12d 22h

Table of astronomical observations for 12d 22h, listing objects like ABKAR, SIRT, TORO, etc., with columns for name, coordinates, magnitude, and other parameters.

2017 SEP

Table of astronomical observations for 2017 SEP, listing objects like MPMC, CWC, KURK, etc., with columns for name, coordinates, magnitude, and other parameters.

956

Table of astronomical observations for 956, listing objects like BJT, LZH, LPAZ, etc., with columns for name, coordinates, magnitude, and other parameters.

12C 22:14:28.31.1.5.10S: 150.42E, h0km, mb3.9/4, mbmp3.9/5, ML1.9/1, Error ellipse: s-maj=57.5km s-min=16.4km az=140.0

12C 22:14:32.61.0.4.85S: 0.2:150.2E: 0.1: h35km, n7, 0658/9, mb3.9/4, New Britain region

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

DJA 12:22:27:56.2: 0.3, 10.54S x 111.9E, h10km, M3.7/9, MLV3.7/9

12C 22:27:57.3: 8.7, 9.89S: 119.34E, h2km, 81km, mb3.1/1, mbmp3.5/5, ML3.5/4, Error ellipse: s-maj=111.5km s-min=18.2km az=64.0

12C 22:27:54.3: 1.1, 9.80S: 0.07: 119.40E: 0.05, h10km, n15, @190/16, Sumba region

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

SJA 12:22:28:43.5: 0.8, 20.25S: 70.90W, h26km, 2km, ML4.2, MW4.3

NEIC 12:22:28:44.9: 20.25S: 70.88W, h15km NEIC 12:22:28:45.0: 1.2, 20.25S: 0.04: 70.88W: 0.05, h15km, 4km, mb4.2/8, Mw4.0/46, ML4.2(GUC), Error ellipse: s-maj=6.9km s-min=5.7km az=58.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr: 1.27, Ms: 0.01, Mw: 1.27, Mw0: 1.1, Mw0.31, Mw: 0.59, Fault plane solution: M1: 144.000, 0.15, NP1: 168.16000, 187.19000, 1.91, 16000, NP2: 346.01000, 832.59000, 188.19000, Principal axes: T: 1.4007, P: 0.780000, Azm: 82.0000, N: 0.0765, Plg: 1.0000, Azm: 348.0000, P: -1.4772, Plg: 2.0000, Azm: 57.0000

VAO 12:22:28:46.5: 0.7, 20.12S: 70.70W, h19km, mb4.4 GUC 12:22:28:46.9: 0.8, 20.22S: 70.85W, h33km, 3km, ML4.2

12C 22:28:48.1: 4.4, 20.29S: 70.71W, h35km, 35km, mb3.5/4,

mbmp3.8/7,ML3.9/3,MS3.1/4,Error ellipse: s-maj=35.6km s-min=21.3km az=83.0  
ISC 12 22:28:46.2+1.3,20-25.0-02:70.83W,0.05,h25km,9km,  
n119,s123/141,mb4.1/6,7C-1D,Near coast of northern  
Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Huaiquique, Diego Aracena, Humberton, IPOC Station P, etc.

Table with columns: SIV, comp, Z, 0.2nm, 0.3s, baz, 267, slow=9.7, SNR=21, LR, LR, 22 35 50.6. Rows include stations like Coronel Fontan, PTLB, VILB, BDOQN, SAML, etc.

TAP 12 22:29:58.0,2396N:121.38E,h80km,1km,ML2.0,A,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like XiuLin Townshi, Tongmen, Shilin, Renai, etc.

Table with columns: WHP, baz=308, S, Sn, 22 30 22.9 +0.6. Rows include stations like Xinyi Township, WHYT, YULB, etc.

TAP 12 22:29:59.1,2449N:121.90E,h16km,ML1.7,1C,B,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Wuta, Sdao, Sdao-341, etc.

TAP 12 22:30:04.3,2450N:121.89E,h18km,ML1.8,1C,B,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Suao, Wuta, Wata, etc.

12d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB, E0S3, NWLT, NNSB, ETLH, etc.

MEX 12 22:31:54.1±0.4, 14.78N:92.09W, h103km, 5km, MD3.7
GCG 12 22:31:58.0±0.4, 14.78N:92.13W, h48km, 15km, MD3.3
ISC 12 22:31:54.9±2.1, 14.7N:0.2±92.2W:0.1, h85km±14km, n9,

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

IDC 12 22:56:54.5±1.2, 41.167N:144.21E, h0km, mb3.9/12,
mbtm3.9/14, ML3.0/3, Error ellipse: s-maj=25.0km
s-min=24.7km az=56.0

NIED 12 22:56:58.5, 41.72N:144.32E, h27km, MW4.0, Moment
Tensor Solution. s3 Moment tensor: Scale 10^15Nm;

JMA 12 22:56:58.5±0.3, 42.2N:144.3E:0.8, h27km, 2km,
MV4.2/25, SE OFF TOKACHI

NEIC 12 22:56:59.1±1.2, 41.79N:0.08±144.4E:0.1, h29km, 7km,
mb4.3/14, Error ellipse: s-maj=12.1km s-min=10.1km
az=133.0

ISC 12 22:56:58.7±1.9, 41.73N:0.05±144.33E:0.02, h88km±12km,
n59, r110/59, mb4.1/20, Hokkaido region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N2, H11N1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H23K, MK31, etc.

2017 SEP

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

IDC 12 23:03:31.6±5.5, 3.67N:127.84E, h0km, mb3.9/3,
mbtm3.9/3, Error ellipse: s-maj=173.6km
s-min=86.3km az=76.0, Talau Islands

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

BUI 12 23:10:32.8±0.0, 58.09N:32.71W, h11km, mb4.8/48,
mb5.2/25, Ms4.9/23, Ms7.4/6/23

MOS 12 23:10:33.9±1.1, 58.06N:32.48W, h11km, mb5.0/91,
MS4.6/17, Error ellipse: s-maj=6.6km s-min=5.4km
az=137.3

IDC 12 23:10:33.0±0.4, 57.90N:32.47W, h0km, mb4.4/33,
mbtm4.4/38, ML3.5/5, MS4.5/70, Error ellipse:
s-maj=14.0km s-min=9.3km az=0.0

NEIC 12 23:10:35.2±1.6, 58.10N:0.08±32.5W:0.1, h10km, 1km,
mb4.9/344, Error ellipse: s-maj=14.3km s-min=11.4km
az=179.0

GCMT 12 23:10:36.2±0.2, 57.98N:0.02±32.7W:0.02, h12km,
MW5.2/28, Moment Tensor Solution. s44, c58;

DNK 12 23:10:45.3±3.3, 58.58N:32.10W, h58km, 47km, mb4.7
ISC 12 23:10:36.0±0.3, 58.06N:0.05±32.54W:0.03, h18km,
h18km; p-P, n867, r122/22, mb4.9/291, MS4.7/105,

48C-12D, Reykjanes Ridge

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

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

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

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

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

QOI Presque Isle 24.18 257 P I Amb P 23 15 51.0 0.0

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

PCBR 24.32 128 eP P 23 15 52.1 -0.8

PCBR 24.32 128 P LQ 23 16 17.8

SJPF 24.58 114 eP P 23 15 56.5 +1.2

PMRV 24.70 128 eP P 23 15 56.6 +0.2

LMQ 24.82 261 P I Amb P 23 15 58.0 +0.6

F64A 24.91 107 eP P 23 15 59.6 +1.3

TNS 24.92 90 P P 23 15 58.7 +0.4

G62A 24.94 259 P P 23 15 59.5 +1.1

E65A 25.07 113 P P 23 16 00.7 +1.0

PESTR 25.09 129 eP P 23 15 59.2 -0.7

HAU 25.11 97 eP P 23 16 00.6 +0.6

EVO 25.21 130 eP P 23 15 59.4 -1.5

PNCL 25.36 131 eP P 23 15 59.1 -0.4

F63A 25.39 257 P I Amb P 23 16 02.8 +0.3

EPF 25.41 112 eP P 23 16 04.5 +1.7

PBEJ 25.70 131 eP P 23 16 05.6 +0.2

F62A 25.70 258 P P 23 16 05.8 +0.4

MESJ 25.72 131 eP P 23 16 06.4 +0.8

PKME 25.78 256 P I Amb P 23 16 06.5 +0.4

PKME 25.78 256 P I Amb P 23 16 07.2 +1.1

CABF 25.86 99 eP P 23 16 08.0 +1.1

PAB 25.92 123 P P 23 16 06.8 -0.7

ESBB 25.99 123 P P 23 16 07.4 -0.6

ESDC 25.99 123 P P 23 16 06.6 -1.5

ESDC 25.99 123 P P 23 16 06.9 -1.1

MTLF 26.12 109 eP P 23 16 10.6 +1.4

MOX 26.36 87 P P 23 16 10.6 -0.8

G62A 26.45 258 P I Amb P 23 16 13.3 +1.1

CLL 26.74 85 P P 23 16 13.6 -1.1



959

Table with columns: BRG, comp, Amp, 23 27 57.0, 23 28 01.0, 23 16 21.2 0.0, 23 16 23.3 -0.1, 23 27 40.0, 23 26 49.0, 23 16 25.0 -0.1, 23 16 26.4 +1.2, 23 28 00.0, 23 27 05.7, 23 27 50.0, 23 16 29.7 +1.5, 23 16 27.5 -1.0, 23 16 27.5 -1.0, 23 28 00.0, 23 16 28.5 -1.2, 23 16 30.9 +0.2, 23 16 32.7 +0.2, 23 16 32.5 -0.2, 23 16 32.5 -0.2, 23 16 32.7 -0.2, 23 16 32.7 -0.2, 23 16 33.3 +0.2, 23 27 40.0, 23 16 33.4 -0.2, 23 16 33.4 -0.2, 23 16 34.0 +0.5, 23 16 34.0 +0.5, 23 27 29.8, 23 16 34.5 -0.7, 23 28 40.0, 23 16 34.5 -0.7, 23 28 10.0, 23 16 40.0 -1.7, 23 16 40.0 -1.7, 23 28 41.1, 23 16 40.3 -1.8, 23 16 43.1 -0.7, 23 16 45.5, 23 16 43.4 -0.4, 23 16 43.1 -0.7, 23 16 37.0 -7.3, 23 16 47.6 +1.9, 23 29 40.0, 23 16 46.6 -0.6, 23 29 20.0, 23 16 48.1 -1.2, 23 16 48.1 -1.2, 23 16 50.3 +0.8, 23 16 54.6, 23 16 49.8 -0.1, 23 16 49.8 -0.1, 23 16 49.9 -2.1, 23 16 53.3, 23 16 49.9 -2.1, 23 16 52.7 -0.7, 23 17 00.6, 23 16 56.7 +1.6, 23 17 01.5, 23 28 11.4, 23 16 56.9 +0.9, 23 16 56.9 +0.9, 23 16 56.3 -0.2, 23 16 56.3 -0.2, 23 28 35.4, 23 16 58.8 +1.1, 23 16 58.8 +1.1, 23 16 58.8 +0.8, 23 17 06.6, 23 16 59.5 +1.0, 23 17 00.9 -0.4, 23 17 01.9 +0.2, 23 17 02.6 -0.2, 23 17 02.6 -0.2, 23 17 03.2 -1.4, 23 17 03.2 -1.4

Table with columns: PSZ, Piszkesteto, 32.35 85 P, P, 23 17 03.2 -1.4, 32.58 82 eP, P, 23 17 06.6 +0.1, 32.58 82 eP, P, 23 17 06.6 +0.1, 32.75 70 iP, P, 23 17 07.1 -0.8, iP, P, 23 17 07.1 -0.8, iP, P, 23 17 07.1 -0.8, iPP, P, 23 18 15.9 +0.1, 23 22 25.4 +1.9, 23 24 18.4 -0.6, 23 24 18.4 -0.6, 23 27 14.1, 23 29 27.4, 23 29 28.7, 23 29 35.2, 32.75 70 iP, P, 23 17 07.0 -0.8, 23 18 15.9, 23 22 25.3 +1.9, 23 24 18.4 -0.6, 32.76 89 iP, P, 23 17 06.6 -1.5, 32.80 80 iAmb, I, 23 17 08.7 +0.2, 23 17 10.7, 32.80 80 P, P, 23 17 08.7 +0.2, 32.98 272 P, P, 23 17 10.3 +0.3, 32.99 82 eP, P, 23 17 10.6 +0.5, 32.99 82 eP, P, 23 17 10.6 +0.5, 33.18 50 eP, P, 23 17 11.3 -0.2, 33.38 79 eP, P, 23 17 13.3 -0.2, 23 18 19.3, 23 22 31.3 -2.1, 33.51 259 P, P, 23 17 15.1 +0.4, 33.62 83 iP, P, 23 17 15.4 -0.1, 34.15 270 P, P, 23 17 21.2 +0.9, 34.15 270 P, P, 23 17 21.0 +0.8, 34.33 86 iP, P, 23 17 21.1 -0.7, 34.39 262 P, P, 23 17 22.5 +0.1, 34.43 83 P, P, 23 17 22.8 +0.4, 34.55 84 iP, P, 23 17 23.3 -0.4, 34.55 84 P, P, 23 17 23.3 -0.4, 34.56 271 P, P, 23 17 22.8 -0.9, 23 17 29.9, 34.73 87 iP, P, 23 17 24.6 -0.7, 34.73 87 P, P, 23 17 24.5 -0.7, 34.79 276 P, P, 23 17 26.3 +0.6, 23 17 33.0, 34.91 86 iP, P, 23 17 26.4 -0.4, 34.93 262 P, P, 23 17 27.1 +0.1, 23 17 34.0, 35.04 54 iP, P, 23 17 27.6 -0.1, 23 17 27.6 -0.1, 23 17 27.6 -0.1, 23 17 30.0 -0.3, 35.25 259 P, P, 23 17 30.3 +0.6, 35.33 81 P, P, 23 17 30.2 -0.3, 35.35 81 iP, P, 23 17 30.1 -0.7, 35.35 81 P, P, 23 17 30.2 -0.5, 23 17 34.1, 35.35 81 P, P, 23 17 30.0 -0.7, 35.47 111 I, I, 23 17 33.4, 35.47 111 P, P, 23 17 31.2 -0.6, 23 30 19.5, 35.49 86 iP, P, 23 17 30.7 -1.2, 35.49 86 P, P, 23 17 30.7 -1.2, 35.53 261 P, P, 23 17 31.2 -1.0, 23 17 31.6 -0.6, 23 17 31.1 -1.1, 23 19 59.6 -1.2, 23 31 39.2, 35.55 74 eP, P, 23 17 31.6 -0.6, 35.55 74 P, P, 23 17 31.1 -1.1, 35.55 74 P, P, 23 17 31.1 -1.1, 35.78 280 P, P, 23 17 34.5 +0.3, 35.78 280 P, P, 23 17 32.8 -1.4, 35.95 262 I, I, 23 17 42.4, 35.98 85 iP, P, 23 17 34.8 -1.3, 36.02 266 I, I, 23 17 40.0, 36.04 81 iP, P, 23 17 36.7 +0.2, 36.25 82 iP, P, 23 17 38.5 +0.2, 36.47 262 P, P, 23 17 40.1 -0.1, 36.48 263 I, I, 23 17 47.1, 36.48 263 P, P, 23 17 39.7 -0.6, 36.49 85 iP, P, 23 17 39.3 -1.2, 36.50 84 iP, P, 23 17 39.7 -0.2, 36.62 286 P, P, 23 17 41.2 -0.7, 36.62 286 P, P, 23 17 41.7 +0.3, 23 31 32.9, 36.63 83 iP, P, 23 17 41.3 -0.3, 23 17 41.3 -0.3

Table with columns: E38A, The Farm, Brul, 36.66 278 I, I, 23 17 47.9, 36.66 64 eP, P, 23 17 41.7 +0.1, 23 17 45.5 -1.2, 23 19 02.3, 23 19 24.0, 23 20 04.0, 23 25 46.5 -1.7, 23 26 25.5, 36.66 64 LR, 23 31 58.5, 36.67 79 iP, P, 23 17 40.9 -0.8, 36.67 79 P, P, 23 17 40.9 -0.8, 36.67 84 iP, P, 23 17 41.9 -0.1, 36.67 84 P, P, 23 17 41.8 -0.1, 23 31 12.0, 36.81 82 iP, P, 23 17 42.8 -0.2, 36.82 63 eP, P, 23 17 41.6 -1.4, 37.04 296 P, P, 23 17 44.5 -0.4, 37.04 296 P, P, 23 17 44.5 -0.4, 37.11 84 iP, P, 23 17 45.7 -0.1, 37.11 84 P, P, 23 17 45.1 -0.7, 37.11 84 LR, 23 34 14.1, 37.23 264 I, I, 23 17 53.8, 37.23 264 P, P, 23 17 53.8, 37.23 264 P, P, 23 17 45.4 -1.0, 23 20 04.8, 37.45 266 I, I, 23 17 54.3, 37.61 265 P, P, 23 17 49.7 -0.2, 37.62 89 iP, P, 23 17 49.7 -0.4, 37.62 89 P, P, 23 17 49.7 -0.4, 37.62 89 P, P, 23 17 49.8 -0.9, 37.72 94 I, I, 23 17 53.9, 37.72 94 P, P, 23 17 51.5 -0.1, 37.83 283 P, P, 23 17 52.4 +0.1, 37.92 93 P, P, 23 17 52.4 -0.2, 38.23 277 P, P, 23 17 55.8 +0.8, 38.23 277 P, P, 23 17 55.8 +0.8, 38.23 277 P, P, 23 17 55.3 +0.3, 38.33 265 I, I, 23 18 02.1, 38.35 312 eP, P, 23 17 57.0 +1.1, 38.35 312 P, P, 23 17 56.5 +0.7, 38.44 273 P, P, 23 17 57.1 +0.2, 38.47 82 iP, P, 23 17 55.7 -1.4, 38.47 82 P, P, 23 17 55.6 -1.4, 38.55 267 I, I, 23 18 01.4, 38.55 267 P, P, 23 17 58.0 +0.2, 38.70 86 iP, P, 23 17 58.3 -0.7, 38.76 271 I, I, 23 18 02.4, 38.76 271 P, P, 23 18 02.4, 38.88 86 iP, P, 23 17 59.6 -0.9, 38.88 86 P, P, 23 18 01.3 +0.2, 39.16 266 I, I, 23 18 06.3, 39.26 66 eP, P, 23 18 01.3 -2.3, 39.26 66 P, P, 23 18 01.3 -2.3, 39.44 256 P, P, 23 18 05.6 +0.3, 39.44 256 I, I, 23 18 07.7, 39.51 260 P, P, 23 18 04.5 -1.4, 39.51 260 I, I, 23 18 15.4, 39.51 260 P, P, 23 18 06.8 +0.9, 39.59 269 I, I, 23 18 10.4, 39.59 269 P, P, 23 18 07.7 +1.2, 39.65 281 P, P, 23 18 06.1 -0.8, 39.65 281 I, I, 23 18 13.2, 39.69 264 P, P, 23 18 07.6 +0.2, 39.69 264 I, I, 23 18 12.9, 39.69 264 P, P, 23 18 07.9 +0.5, 39.69 264 P, P, 23 18 07.6 +0.2, 39.97 67 eP, P, 23 18 07.2 -2.3, 40.04 285 I, I, 23 18 13.4, 40.04 285 P, P, 23 18 10.6 +0.4, 40.23 68 eP, P, 23 18 10.5 -1.2, 40.23 68 P, P, 23 18 10.5 -1.2, 40.30 259 LR, 23 33 52.1, 40.31 271 I, I, 23 18 19.7, 40.45 68 eP, P, 23 18 11.7 -1.8, 40.49 83 eP, P, 23 18 14.2 +0.5, 40.49 267 I, I, 23 18 17.6, 41.24 279 P, P, 23 18 21.0 +0.8, 41.24 279 I, I, 23 18 26.8, 41.24 279 P, P, 23 18 20.8 +0.6, 41.44 285 P, P, 23 18 22.0 +0.3, 41.44 285 I, I, 23 18 24.8, 41.49 66 eP, P, 23 18 21.4 -0.6, 41.49 66 P, P, 23 18 21.4 -0.6, 41.53 327 P, P, 23 18 22.6 +0.4, 41.53 327 LR, 23 35 29.5, 41.80 270 I, I, 23 18 30.9, 41.89 257 I, I, 23 18 34.1, 41.89 257 P, P, 23 18 26.5 +1.0, 41.98 281 P, P, 23 18 25.7 -0.5, 42.06 267 I, I, 23 18 29.3, 42.06 263 P, P, 23 18 26.3 -0.7

12d 23h

12d 23h

Table with columns: WVT, Wavely, 42.08 263, P, P, 23 18 26.4 -0.6, etc. Includes stations like Wavely, Tsigheitchik, Cathedral Cave, etc.

2017 SEP

Table with columns: NRIK, Nori'sk, 45.79 25cP, P, P, 23 18 57.9 +1.5, etc. Includes stations like Nori'sk, Drury Creek, Quiet Lake, etc.

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Table with columns: POKR, POKR, 47.72 329, Iamb, Iamb, 23 19 18.7, etc. Includes stations like POKR, Kaye Shedlock, Elison Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WAT6, WAT7, TRF1, O20A, KTH1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JCT1, JCT2, HMU1, BRVK1, ANMO1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ISA1, BC31, GLA1, BBRC1, EDW2, etc.

12d 23h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SDBA SAO DESIDERIO, SAMUEL, SAMUEL, etc.

2017 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KRSR Korea Array, PTBG Pitanga, CD2 Chengdu, etc.

962

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like H10N1 ASCENSION HYDR67, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like ASAJ Asahikawa, MJAR Matsushiro Arr, USRK Ussuriysk Ar, etc.

IDC 12 23:46:22.1 ± 1.9, 35.32N; 22.84E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=362.1km s-min=28.1km az=139.0

ATH 12 23:46:26.5, 34.96N; 22.87E, h8km, 3km, ML2.9/3, Error ellipse: s-maj=6.5km s-min=2.4km az=59.0

THE 12 23:46:29.0, 35.00N; 22.93E, h31km, 3km, ML2.6/8, Error ellipse: s-maj=3.5km s-min=0.5km az=224.0

ISC 12 23:46:27.1 ± 1.9, 34.98N; 0.06; 22.91E; 0.06, h29km, 14km, n19, c1920/30, mb3.4/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like RODP Rodopos, ANKY Antikythira Is, GVD Gavdhos, etc.

IDC 12 23:59:43.7 ± 1.2, 33.17N; 103.78E, h0km, mb3.5/5, mbtmp3.5/6, ML3.3/1, MS3.3/2, Error ellipse: s-maj=86.2km s-min=20.4km az=57.0

ISC 12 23:59:45.0 ± 1.4, 33.22N; 0.2; 103.8E; 0.3, h9km, n7, c0563/6, mb3.7/5, Gansu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like SONM Songo Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

IDC 13 00:12:48.2 ± 1.7, 49.08S; 124.49E, h0km, mb3.8/4, mbtmp3.8/4, MS3.7/5, Error ellipse: s-maj=90.9km s-min=29.9km az=107.0, Western Indian-Antarctic Ridge

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

NEIC 13 00:19:02.2 ± 1.5, 14.97N; 0.09; 94.40W; 0.05, h29km, 10km, mb3.9/22, MD4.4/2(MEX), Error ellipse: s-maj=12.9km s-min=5.8km az=195.0

MEX 13 00:19:04.0 ± 0.7, 15.08N; 94.40W, h24km, 26km, MD4.4

ISC 13 00:19:01.8 ± 2.6, 15.02N; 0.05; 94.41W; 0.03, h29km, 23km, n68, c1999/101, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like CARR Arriaga, PCIG Panguajab, NIIT Santiago Nilte, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like SN01 Snyder 1, POST Post, DKNS Dickens, etc.

IDC 13 00:32:18.0 ± 1.4, 14.21S; 166.98E, h0km, mb3.9/5, mbtmp4.0/6, ML4.4/1, Error ellipse: s-maj=48.3km s-min=25.3km az=136.0

NOU 13 00:32:31.4 ± 1.5, 11.51S; 167.01E, h0km, MLV4.6/13, Vanuatu Islands

ISC 13 00:32:26.8 ± 1.1, 14.8S; 0.1; 167.1E; 0.1, h67km, n15, n68, c1999/101, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like DVP Devils Point, LIFOC LIFOU, KOUCO Koumac, New Ca, etc.

VIE 13 00:39:15.0 ± 4.0, 45.59N; 15.33E, h6km, 4km, mb1.8/2, ml1.9/4, Error ellipse: s-maj=3.7km s-min=1.8km az=163.0

LJU 13 00:39:15.6, 45.60N; 15.32E, h8km, ML1.4, 2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Res ISC. Includes stations like OZLJ Ozalj, BOJS Bojanci, BOJS Bojanci, etc.

13d 2h

Table with columns: DUGI, ARSA, MORI, KJUV, A252A, RIC1, HVAR. Includes station names, coordinates, and time offsets.

13d 00:51:02.9-2.7, 14.42N;95.25W, h0km, mb3.6/2, mbmp3.5/3, ML3.3/1, MS2.7/1, Error ellipse: s-maj=383.1km s-min=28.9km az=62.0

MEX 13 00:51:23.9-0.9, 16.00N;95.14W, h37km;18km, MD4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Santiago Nilte, Huatulco, Arriaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Brady, Snyder 1, Snyder 1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Mount Ida, Brethren Rd, Battle Ridge R, etc.

AUST 13 00:57:23.2-1.2, 33.30S;120.06E, h10km, Error ellipse: s-maj=14.8km s-min=9.0km az=162.0

CUPWA 13 00:57:24.9-8.3, 33.26S;119.97E, h2km;58km, Region: WESTERN AUSTRALIA

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists many stations including Kulin High Sch, Kulin High Sch, Kambalda, etc.

MEX 13 01:16:53.0-0.7, 15.32N;94.47W, h23km;31km, MD4.1

2017 SEP

s-min=5.9km az=184.0

ISC 13 01:16:53.2-0.8, 15.31N;0.06;94.5W;0.03, h40km, n71, s=129.82, mb4.2/8, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Arriaga, Santiago Nilte, Huatulco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Brady, Washetta, Mont, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Lake Whitney, Cleburne, Alpine, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Abilene, Hawle, Perrin-Whitt E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like White Oak Lake, Snyder 1, Aspermont, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Wittich Falls, Post, Miar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Carrer, Waverly, Salt Plains WL, etc.

964
phi=269.00000; lambda=0.00000; lambda-125.00000. Principal axes: T 3.8920, P10.0000, Azm203.0000, M= -0.0620

MEX 13 02:01:39.8-1.2, 15.16N;94.60W, h21km;97km, MD5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Arriaga, Santiago Nilte, Huatulco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Brady, Washetta, Mont, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Lake Whitney, Cleburne, Alpine, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Abilene, Hawle, Perrin-Whitt E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like White Oak Lake, Snyder 1, Aspermont, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Wittich Falls, Post, Miar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Carrer, Waverly, Salt Plains WL, etc.









Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Range, and other parameters. Includes stations like GLI, SFJD, M24K, RCLB, ALGR, SCRK, I27K, LL04, J26L, RES, SCM, PWL, A36M, H27K, I26K, SEW, PLCA, KNK, ENK, E29M, K24K, F28M, SML, VAO, G27K, WAT6, CPSB, DIAM, J25K, J25K, KIP, DHY, BRSE, PMR, DY2G, RC01, KD4K, KD4K, E28M, PET01, OHAK, Q20K, HOM, BSCB, HD4, PRP, LL01, D28M, M22K, ILAR, ILAR, ILAR, CAPN, G26K, E27K, SUA, SUA, PLTB, CNLR, TRQA, TRQA, CCB, MCK, WRH, FYU, POKR, P20K, PARB, D27M, R18K, Q19K, F26K.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Range, and other parameters. Includes stations like P19K, MDM, CHIR, SKT, N20K, SPCR, G25K, TRF, NEA2, NEA2, LL02, H24K, RCBR, RCBR, RCBR, UPNV, UPNV, F25K, KTH, I23K, Q18K, G24K, ESAR, E25K, O19K, BP4W, PPLA, M20K, M20K, P17K, P18K, CAST, CAST, H23K, C27K, R17K, N19K, N19K, VAS01, MLY, MLY, SJBMB, O18K, F24K, CHUM, GUA01, M19K, M19K, Q16K, P17K, C26K, G23K, KULLO, I21K, I21K, D25K, E24K, N18K, N18K, L19K, H22K, K20K, DUB01, PPD, PPT2, PPT2, PPT2, O17K, RIB01, E23K, E23K, J20K, J20K, H21K, G22K, N17K, TOLK, TOLK, D24K, ALF01, O16K, I20K, ICESG, ICESG, L18K.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Azimuth Range, and other parameters. Includes stations like C24K, M17K, J19K, F22K, SDPT, G21K, D23K, H20K, J18K, N16K, F21K, O15K, C23K, M16K, L17K, K17K, GCSA, D22K, H19K, N15K, L16K, S12K, E21K, EUNU, F20K, J17K, G19K, H18K, C21K, FALS, B22K, B21K, E20K, F19K, E19K, G18K, SUMG, SUMG, SUMG, J16K, TBI, TBI, L15K, M14K, D20K, H17K, NEEM, NEEM, K15K, H17K, A22K, L14K, D19K, G17K, M13K, B20K, H16K, F17K, E18K, G16K, C19K, UNV, EVO, E17K, C18K, RDOO, F15K, BORG, SPIA, GAMB, NOR, NOR, JMJC, PGAV, PCAS, FLO, PVS, EVO, MTE, MTE, PCBR, PBEJ, PESTR, KBS, KBS, MVO, PMRV, ESK.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like Eskdalemuir, Braganca, Eskdalemuir Ar, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like La Plagne, Montbardon, La Moure, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KJLV, MORH, NACGM, etc.

Table with columns: ASAR, Alice Springs, 133.65 252, PKhKP, PKPpre, 02 20 42.6, etc.

IDC 13 02:05:51.2:11.0, 24.10S:178.26W, h539km, q377km, mb3.1/3, mbtmp4.1/4, Error ellipse: s-maj=93.7km s-min=85.6km az=89.0, South of Fiji Islands

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

ZUR 13 02:13:09.2, 46.48N, 7.08E, h-1km, 1km, MLH-0.1/4, 1C-1D, Error ellipse: s-maj=3634.6km s-min=767.3km az=103.0, Switzerland

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

DDA 13 02:40:59.1:0.0, 36.33N:29.98E, h7km, 4km, ML1.3, Turkey

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

ISK 13 02:41:11.9, 37.00N:26.83E, h4km, ML1.5/4, Dodecanese Islands

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

IDC 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

NEIC 13 02:43:06.7:2.4, 15.29N:0.08:94.57W:0.0, h35km, 7km, mb4.4/104, Md4.5/14(MEX), Error ellipse: s-maj=11.8km s-min=5.2km az=183.0

MEX 13 02:43:06.8:0.8, 15.18N:94.59W, h25km, 23km, MD4.5 GCG 13 02:43:10.4:2.9, 15.69N:94.10W, h35km, MD4.6, h186, r1564/176, mb4.4/30, MS3.5/26, Near coast of Oaxaca

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

Table with columns: RIMA, Rio Macho, 11.76 116, Pn, Pn, 02 45 52.7 +1.3, etc.

TXAR comp=Z, 7.1nm, 18.6s, baz=148, slow=38, Lajitas Ar. Si

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

553A Crawfordville 17.52 30 Pn Pn 02 47 06.7 -0.8

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

ABTX 13 02:40:59.1:0.0, 36.33N:29.98E, h7km, 4km, ML1.3, Turkey

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

WLAR 13 02:41:11.9, 37.00N:26.83E, h4km, ML1.5/4, Dodecanese Islands

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

MNTY 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

MIAR 13 02:43:06.7:2.4, 15.29N:0.08:94.57W:0.0, h35km, 7km, mb4.4/104, Md4.5/14(MEX), Error ellipse: s-maj=11.8km s-min=5.2km az=183.0

MSTX 13 02:43:06.8:0.8, 15.18N:94.59W, h25km, 23km, MD4.5 GCG 13 02:43:10.4:2.9, 15.69N:94.10W, h35km, MD4.6, h186, r1564/176, mb4.4/30, MS3.5/26, Near coast of Oaxaca

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

Table with columns: KAN10, Anthony SW Sta, 22.00 352, P, P, 02 47 56.5 -1.2, etc.

PRAC 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

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

SDV 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

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

ELK 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

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

PLID 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

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

NEW 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

MDP 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

SCHG 13 02:43:02.6:0.1, 15.16N:94.43W, h0km, mb4.0/11, mbtmp4.0/12, ML3.9/1, MS3.5/27, Error ellipse: s-maj=38.3km s-min=17.5km az=59.0

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

IDC 13 03:05:32.1:4.0, 6.00S:154.94E, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=182.6km s-min=85.5km az=126.0, Bougainville-Solomon Islands

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



13d 3h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like ARAG, K57A, J56A, etc.

107 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like ILAR, RND, NRD, etc.

972

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like OK052, 121A, 121A, etc.

MEX 13 03:32:00.3, 0.5, 15.61N, 94.98W, h17km, 999km, MD4.4, Near coast of Oaxaca

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like NILT, HUIG, PUIG, etc.

ISC 13 03:34:00.2, 0.1, 01N, 02:02:31, mb4.3/22, MS3.8/17, 7C-5D, Near coast of Ecuador

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like AES2, AM1A, AM1A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Nasa, Rancho Maria, Cotopaxi Volca, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like NORC Norsasia, Santa Helena, Villavicencio, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like 121A, ANMO Albuquerque, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Las Nubes, Flores, Montecristo, Tegich, Hondo, Lajas Unidas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like F10A, GO01, CFA, ILAR, MEX, etc.

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



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AC01 Pan de Azucar, BBSD Serra de No, ETMB Silva, etc.

IDC 13 05:04:05.8-9.3, 15.285N; 168.07E, h104km, 99km, mb3.4/4, mbtmp3.7/5, ML3.5/1, MS3.0/1, Error ellipse: s-maj=87.8km s-min=37.9km az=152.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mt Dzumac, DZM Colider, CTA Charters Tower, etc.

MEX 13 05:09:31.8-0.4, 15.222N; 93.69W, h55km, 11km, MD5.0 GCG 13 05:09:31.0-1.4, 15.39N; 93.68W, h44km, MD4.7 NEIC 13 05:09:33.9-1.6, 15.41N; 06.93; 45W; 0.07, h67km, 6km, mb4.5/190, MD5.0/9(MEX), Error ellipse: s-maj=12.4km s-min=5.7km az=49.0 GCMT 13 05:09:33.9-0.3, 15.43N; 0.01; 93.68W; 0.02, h70km, 1km, MW5.1/113, Moment Tensor Solution, s=4.84, s113:0.165, Duration: 0, Moment tensor: Scale 10^16Nm; M1:3.73e-14; M2:-1.62e-12; M3:-2.11e-12; M1:4.4e-09; M2:2.11e-10; M3:-2.56e-08; Best double couple: M1:4.85300e+10 N P1:16.146.00000, s64.00000, .197.00000. NP2:3.10.00000, s27.00000, .76.00000. Principal axes: T 4.7590, Plg70.0000, Azm71.0000; N 0.1880, Plg6.0000, Azm323.0000; P -4.9460, Plg18.0000, Azm231.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function IDC 13 05:09:34.0-2.3, 15.36N; 93.39W, h86km, 20km, mb3.9/15, mbtmp4.3/17, MS4.0/2 Error ellipse: s-maj=18.1km s-min=10.6km az=69.0

IDC 13 05:09:31.4-0.8, 15.212N; 0.04; 93.68W; 0.04, h68km, 7km, n466, s162/381, mb4.5/69, 1D, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG PCIG, CARR Arriaga, PATR El Naranjo, THIG THIG, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMUW Sontecomapan, PETF Flores, YOFV Yosondua, YSOI YSOI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like X34A Smith Ranch, HELC Santa Helena, WMOK Wichita Mounta, WMOK Wichita Mounta, etc.

13d 5h

2017 SEP

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Table with columns for station ID, name, elevation, distance, direction, date, and other technical data. Entries include PDMCI Parker Dam, LK, SJC San Juan, BC3 Big Chuckwall, IRM Iron Mountain, HMU Henry Mountain, PFO Pinyon Flats O, N23A Red Feather La, GMRC Granite Moun, O20A White River Ci, HEC Hector, Ludlow, ECSD EROS Data Cent, ECSD EROS Data Cent, TCRU Three Creeks R, BFSC Mount Baldy Ra, PCRV Puerto La Cruz, GSC Goldstone, Bar, ERPA Erie, K22A Casper, TPNV Topopah Spring, MPMC Manual Prospec, TCUT Toone Canyon, R11B Troy Canyon, C, RSSD Black Hills, SGCS SEo Gabriel D, TBGT Tabatinga, AM, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, ID09 Alton, HVD Hanse Valley, AHU Auburn Hatcher, ID07 Smith Canyon R, ELK Elko, ELK Elko, NV11 Mna Array St, MDPB Devils Postpil, NVAR Mna Array Bea, NVAR Mna Array Bea, NVAR Mna Array Bea, NNA Nana, SADO Sadowa, MOW Mosaic Fods, FWOY Fox Creek, RLMT Red Lodge, YNE Yellowstone No, MDND Madcock, AGMN Agassiz Nation, AGMN Agassiz Nation, LAO LASA Array, HLID Hailey, BOZ Bozeman (W), ULM Lac du Bonnet, BOAY Boa Vista, JOBA Circle B, PLID Pearl Lake, MSO Missoula, MSO Missoula, PKME Peaks-Kenny Pk, YBHE Yreka Blue Hor, ETMB Extrema, MACA Manacapuru-AM, MACA Manacapuru-AM, NEW Newport, NEW Newport, SAML Samuel, SAML Samuel, SAML Longmire, LPAZ La Paz, EDM Edmonton, MDP Montagnes des, ITTB Itaituba, MALB Monte Alegre, VILB Vilhena, MCPB Macapa, AP, NPGB Novo Progresso, SCHG Schefferville, SIV San Ignacio, LVC Lima Verde, RPN Rapa Nui, CLDB Colider, PTLB Pontes e Lacer, BBSD Serra de Sander, BBB Bella Bella, BBB Bella Bella, BBRB Roberto Boli, PRPB Parauapebas, SALV Santo Antonio, YKA Yellowknife, YKA Yellowknife, SNDB Serra Nova Dou, KOTAN Kotaneleele Air, PLLB Ponta de Pedra, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, MURT Porto Murinho, S34M Telegraph Cree, AQDB Aquidauana, ARAG Araguaiana, MT, FRB Frisher Bay, SMTB Santa Maria do, WLTW Watson Lake, Y, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, R33M Jennings River, Q32M Nakina River, Q32M Nakina River, ROSB Rosrio, WRGLY Wrigley, TGTN Hyland Airport, P33M Teslin, Yukon, R31K City Hall, GUS, AMBA Amambai (Brazi), LMEML Las Melosas, NS2M Qui Lake, MMPY Sheldon Lake, CPUP Villa Florida, CPUP Villa Florida, BDBF Brasilia, BDBF Brasilia, BDBF Brasilia, FARO Faro, Yukon, FARO Faro, Yukon, P29M Windy Craggy, N31M Braeburn, Yuko, SDBA SAO DESIDERIO, N30M Aishikik Lake, IPMB Ipameri, GO, YUK6 Outpost Mounta, YUK4 Talbot Ar, M30M Minto, Yukon, YUK8 Steele Glacier, M29M Somme Creek, M29M Somme Creek, L29M L29M, BB19B Bebedouro, JANB Januarja, CRQE Cirque, I30M Mount Dempster, MCARA McCarthy VSAT, DAWY Dawson, G31M Satah River, F31M Tsighehtchic, L27K Beaver Creek, M26K Nabeles, AK, Q23K Middleton Isla, EPYK Eagle Plains, N25K Chitina, Valde, N25K Chitina, Valde, INK Inuvik, SFJD Kangerlussuaq, YAO Valinhos, VIM Diamantina, MG, RES Resolute Bay, I27K Knik Glacier, CPBS Cacapava Do Su, PLCA Paso Flores, J26L Joseph Creek, BSCB Bom Sucesso, M23K Glacier View, K24K Donnelly Dome, F28K Old Crow, FNKM Knik Glacier, G27K Doyon Strip, WAT6 Susitna Watana, J25K Salcha River, DHY Denali Highway, E28M Babbage River, RCBR Rio Chichou, HDA Harding Lake, Q20K Shuyak Island, OHAK Old Harbor, E27K Coleen River, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, PZH Panzhihua, CMAR Chang Mai Arr, PDMCI Parker Dam, LK, SJC San Juan, BC3 Big Chuckwall, IRM Iron Mountain, HMU Henry Mountain, PFO Pinyon Flats O, N23A Red Feather La, GMRC Granite Moun, O20A White River Ci, HEC Hector, Ludlow, ECSD EROS Data Cent, ECSD EROS Data Cent, TCRU Three Creeks R, BFSC Mount Baldy Ra, PCRV Puerto La Cruz, GSC Goldstone, Bar, ERPA Erie, K22A Casper, TPNV Topopah Spring, MPMC Manual Prospec, TCUT Toone Canyon, R11B Troy Canyon, C, RSSD Black Hills, SGCS SEo Gabriel D, TBGT Tabatinga, AM, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, ID09 Alton, HVD Hanse Valley, AHU Auburn Hatcher, ID07 Smith Canyon R, ELK Elko, ELK Elko, NV11 Mna Array St, MDPB Devils Postpil, NVAR Mna Array Bea, NVAR Mna Array Bea, NVAR Mna Array Bea, NNA Nana, SADO Sadowa, MOW Mosaic Fods, FWOY Fox Creek, RLMT Red Lodge, YNE Yellowstone No, MDND Madcock, AGMN Agassiz Nation, AGMN Agassiz Nation, LAO LASA Array, HLID Hailey, BOZ Bozeman (W), ULM Lac du Bonnet, BOAY Boa Vista, JOBA Circle B, PLID Pearl Lake, MSO Missoula, MSO Missoula, PKME Peaks-Kenny Pk, YBHE Yreka Blue Hor, ETMB Extrema, MACA Manacapuru-AM, MACA Manacapuru-AM, NEW Newport, NEW Newport, SAML Samuel, SAML Samuel, SAML Longmire, LPAZ La Paz, EDM Edmonton, MDP Montagnes des, ITTB Itaituba, MALB Monte Alegre, VILB Vilhena, MCPB Macapa, AP, NPGB Novo Progresso, SCHG Schefferville, SIV San Ignacio, LVC Lima Verde, RPN Rapa Nui, CLDB Colider, PTLB Pontes e Lacer, BBSD Serra de Sander, BBB Bella Bella, BBB Bella Bella, BBRB Roberto Boli, PRPB Parauapebas, SALV Santo Antonio, YKA Yellowknife, YKA Yellowknife, SNDB Serra Nova Dou, KOTAN Kotaneleele Air, PLLB Ponta de Pedra, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, MURT Porto Murinho, S34M Telegraph Cree, AQDB Aquidauana, ARAG Araguaiana, MT, FRB Frisher Bay, SMTB Santa Maria do, WLTW Watson Lake, Y, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, R33M Jennings River, Q32M Nakina River, Q32M Nakina River, ROSB Rosrio, WRGLY Wrigley, TGTN Hyland Airport, P33M Teslin, Yukon, R31K City Hall, GUS, AMBA Amambai (Brazi), LMEML Las Melosas, NS2M Qui Lake, MMPY Sheldon Lake, CPUP Villa Florida, CPUP Villa Florida, BDBF Brasilia, BDBF Brasilia, BDBF Brasilia, FARO Faro, Yukon, FARO Faro, Yukon, P29M Windy Craggy, N31M Braeburn, Yuko, SDBA SAO DESIDERIO, N30M Aishikik Lake, IPMB Ipameri, GO, YUK6 Outpost Mounta, YUK4 Talbot Ar, M30M Minto, Yukon, YUK8 Steele Glacier, M29M Somme Creek, M29M Somme Creek, L29M L29M, BB19B Bebedouro, JANB Januarja, CRQE Cirque, I30M Mount Dempster, MCARA McCarthy VSAT, DAWY Dawson, G31M Satah River, F31M Tsighehtchic, L27K Beaver Creek, M26K Nabeles, AK, Q23K Middleton Isla, EPYK Eagle Plains, N25K Chitina, Valde, N25K Chitina, Valde, INK Inuvik, SFJD Kangerlussuaq, YAO Valinhos, VIM Diamantina, MG, RES Resolute Bay, I27K Knik Glacier, CPBS Cacapava Do Su, PLCA Paso Flores, J26L Joseph Creek, BSCB Bom Sucesso, M23K Glacier View, K24K Donnelly Dome, F28K Old Crow, FNKM Knik Glacier, G27K Doyon Strip, WAT6 Susitna Watana, J25K Salcha River, DHY Denali Highway, E28M Babbage River, RCBR Rio Chichou, HDA Harding Lake, Q20K Shuyak Island, OHAK Old Harbor, E27K Coleen River, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, PZH Panzhihua, CMAR Chang Mai Arr



Table of station data for 13d 6h, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.

Table of station data for 2017 SEP, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.

Table of station data for 978, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.



Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes entries like N20K Mount Spurr, HDA Harding Lake, HDA comp=E,3um,0.4s, etc.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes entries like BRLK comp=N,1um,0.6s, BRLK comp=N,1um,0.6s, BMRM Bremner River, etc.

Table with columns: ID, Name, Az, El, P, M, Az, El, P, M, Az, El, P, M. Includes entries like SNH comp=N,596nm,1.0s, Q19K Cape Douglas, GRNC Granite Creek, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like L15K Ungalak Mounta, YUK4 Talbot Arm, M15K Kasigluk River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like D17K Noatak River, C26K Camden Bay, D27M Malcom River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NVAR Mina Array Bay, ULM Lac du Bonnet, NEEM North Greenlan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LRAL Lakeview Retre, CBN Corbin Frederi, CN2 Changchun, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like IRIF Irimote-Funau, HATJ Hateruma jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WHP Taichung City, TWQ1 Liyutan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WHP Taichung City, TWQ1 Liyutan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WHP Taichung City, TWQ1 Liyutan, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WHP Taichung City, TWQ1 Liyutan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ETLH Xiulin Townshi, ENA Nanai, ENA Nanai, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like OUZ Omahuta, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like OUZ Omahuta, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

NEIC 13 07:55:56.3:1.4, 2:49:0.2:139:25E:0.03, h26km, 14km, mb4.1/8, Error ellipse: s-maj=24.4km s-min=4.8km az=182.0

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

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



Table with columns: TEIG, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like Tepich, Matagalpa, BOAC, etc.

Table with columns: ISCO, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like Idaho Springs, Henry Mountain, Pinyon Flats, etc.

Table with columns: Siberia, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ZALESOVO INFRA, Zalesovo Array, Kurchatov, etc.

13C 13 08:48:18.8, 2.5, 53.60N, 87.69E, h0km, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=24.2km s-min=15.0km az=60.0

13C 13 08:59:11.6, 3.9, 79.93N, 15.98W, h0km, mb3.7/5, mbtmp3.9/6, ML5.0/1, MS2.5/1, Error ellipse: s-maj=63.0km s-min=36.5km az=96.0



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFDM Forest Hills D, ELIB Princess Elisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NILT Santiago Nilte, CARR Arriaga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAVE Pavencul, CHUJ Union Juarez, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIAR Mount Ida, X37A Clayton, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QUOK Quay, Y52A Liburn, etc.

GCJ 13 09:46:11.6:2.5, 15:32N:95:23W, h0km:999km, MD4.8
MEX 13 09:46:20.8:0.6, 15:54N:94:72W, h17km:999km, MD4.6
NIC 13 09:46:20.8:0.6, 15:54N:94:72W, h17km:999km, MD4.6





Table with columns: Q28M, Mount Upton, 2.04 301, Pb, Pb, 10 53 27.7 -0.1, etc. Includes various station names like Mount Upton, Samovar Hills, Steele Glacier, etc.

Table with columns: TURN, Turunc, 0.66 133, Pg, Pg, 10 55 20.0 +0.7, etc. Includes station names like DDA, Aegean Sea, KARB, URLA, ZEVE, etc.

Table with columns: TXAR, Lajitas Array, 86.73 53, P, P, 11 15 07.0 +1.2, etc. Includes station names like Lajitas Array, Kurchatov Arr, WRA, ASAR, etc.

Table with columns: ISK 13 10:55:06.7, 37.22N, 27.64E, h0km, ML1.3/4, Suspected, Code, Station Name, etc.

Table with columns: HFS, HFS, 70.56 336, P, P, 11 13 37.5 +1.2, etc. Includes station names like HFS, ILAR, BVAR, etc.

Table with columns: ULM, Lac du Bonnet, 35.28 358, P, P, 11 34 01.4 -1.6, etc. Includes station names like ULM, LPAZ, EKA, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like ERM Ermo, JCH Churui, TJN Taejon, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like WEL 13:12:17.00, WEL 13:12:17.01, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various flags. Includes stations like CTZ Chatham Island, ASAR Alice Springs, WRA Warramunga Arr, etc.



991

Table with columns: call letters, name, elevation, distance, direction, azimuth, and frequency. Includes stations like WHXT Lake Whitney, OZNA Ozona, VBMS Vicksburg, etc.

2017 SEP

Table with columns: call letters, name, elevation, distance, direction, azimuth, and frequency. Includes stations like TUC Tucson, R32A Long Quarter, T25A Trinidad, etc.

13d 12h

Table with columns: call letters, name, elevation, distance, direction, azimuth, and frequency. Includes stations like AGMN comp=2.9,2nm,0.7s, AGMN Agassiz Ranch, LAO LASA Array, etc.

13d 13h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H29M, K27K, G29M, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H19K, F20K, G19K, etc.

992

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



13d 14h

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

IDC 13 14:39:04.5e-1.7, 20.43S; 177.57W, h519km, 18km, mb3.0/7, mbmp4.0/10, Error ellipse: s-maj=30.4km s-min=16.9km az=142.0

ISC 13 14:39:03.1e-0.9, 20.5S; 0.2x-177.5W, 0.2, h500km, n14, e164/13, mb3.5/7, Fiji Islands region

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

ROM 13 14:42:20.2e-0.1, 42.445N; 0.005:13.356E; 0.006, h10km, ML1.5/28, 3C-2D, Error ellipse: s-maj=0.6km s-min=0.4km az=214.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Pizzolo (AO), L'Aquila, Campotosto, Pellescritta, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like T0110, T1010, M101, T1219, SF04, SF04, SF01, SF01, SF01, SF01, etc.

IDC 13 14:47:42.5e-0.6, 29.43S; 176.19W, h0km, mb4.2/11, mbmp4.1/11, MS3.8/15, Error ellipse: s-maj=27.4km s-min=19.0km az=160.0

NEIC 13 14:47:46.2e-1.7, 29.52S; 0.10:176.14W, 0.10, h10km, 1km, mb4.7/19, Error ellipse: s-maj=16.8km s-min=14.7km az=2=0

ISC 13 14:47:44.7e-0.5, 29.56S; 0.07:176.12W, 0.06, h10km, n85, e150/70, mb4.4/18, MS3.9/16, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

994

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



13d 15h

Table with columns: Station Name, Elevation, Date, Time, Status, etc. Includes stations like HHC Hu-ho-hao-te, HHC comp-Z,31nm,0.8s, HHC comp-Z,300nm,5.1s, etc.

2017 SEP

Table with columns: Station Name, Elevation, Date, Time, Status, etc. Includes stations like TRF Thorofare Moun, H20K Anotleneega Mo, E18K Tukphalearik C, etc.

996

Table with columns: Station Name, Elevation, Date, Time, Status, etc. Includes stations like P29M Windy Craggy, YUK3 Moose Creek, YUK8 Steele Glacier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R11B Troy Canyon, MKAR Makanchi Array, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT 2um, KRVT 2.173nm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBJM Torbat-e-JAM, AFRZ Afriz, PQL Pirkuili, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SANI Sanana, NLAI Namlea, LBMI Labuha, etc.

DJA 13 16:34:39.6±1.0, 2.5S; 12.5E, h16km, 9km, M3.7/10, mb4.1/3, MLV3.1/0, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GULPINAR-Canak, GPNR GPNR, BOZC Bozcaada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RFT1 Sazli, RFT1 Sazli, RFT1 Sazli, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EAG1 Polichnitos, EAG1 Polichnitos, EAG1 Polichnitos, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EAG3 Mitilini, EAG3 Mitilini, EAG3 Mitilini, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RFT2 Karaagac, RFT2 Karaagac, RFT2 Karaagac, etc.

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

IDC 13 15:23:58.4±0.8, 30.09S; 178.62W, h164km, 7km, mb3.7/4, mbmp4.1/5, Error ellipse: s-maj=34.5km s-min=16.4km az=127.0

ISC 13 15:23:59.4±0.8, 30.0S; 178.9W, h150km, n15, a198/15, mb3.9/4, Kermadec Islands

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

VAO 13 15:55:32.5±0.3, 20.11S; 43.51W, h0km, mbr2.2, Brazil

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

DJA 13 16:03:05.4±0.9, 5.9S; 6.12'E, h118km, 8km, M3.2/7, mb3.9/4, MLV2.9/7, Flores region

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

TEH 13 16:06:49.0, 37.09N; 54.19E, h9km, 20km, ML3.3 AZER 13 16:06:53.1±2.3, 36.83N; 53.82E, h10km, Error ellipse: s-maj=13.4km s-min=8.4km az=41.0

ISC 13 16:06:50.6±0.9, 37.11N; 0.055422E±0.04, h10km, n33, a113/40, Iran-Turkmenistan border region

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

HEL 13 15:32:21.1±0.1, 67.64N; 33.79E, h0km, ML1.2, Suspected explosion, Baltic States-Belarus-Northern Russia

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

IDC 13 15:33:11.1±1.3, 4.90S; 152.17E, h54km, 9km, mb3.7/9, mbmp4.0/10, Error ellipse: s-maj=24.3km s-min=13.0km

Table with columns: CHOS, comp=N, 1.52nm, 0.4s, P, Sg, AML, 1.17 179, P, Sg, AML, 16 38 15.2 -1.1, 16 38 30.7 -0.9, 16 38 34.9

Table with columns: CHOS, comp=E, 335µm, 0.2s, AML, AML, 16 46 15.4, 1.18 4, Pn, Pn, 16 45 54.4 +0.2, 16 46 11.3 +0.4, 16 46 11.3 +0.2, 16 46 13.0

Table with columns: FW03, Perrin-Whitt E, 17.66 351, Iamb, P, 17 03 22.5 0.0, 17 03 55.0, 17 03 24.2 +0.1, 17 03 53.2

ISK 13 16:45:31.6, 39°57'N-26°01'E, h6km, ML2.5/19
THE 13 16:45:32.2, 39°56'N-26°04'E, h7km, 1km, ML2.2/4, Error ellipse: s-maj=1.7km s-min=0.7km az=126.0

IDC 13 16:59:12.4±1.4, 15°40'N-94°66'W, h0km, mb4.0/0.9, mbmp4.0/11, ML3.7/2, MS3.4/21, Error ellipse: s-maj=36.4km s-min=22.7km az=26.0

WMOK Wichita Mounta, 19.40 350, P, Pn, 17 03 42.9 -0.3, 17 03 44.9 -0.2, 17 04 07.4

Main table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, GPNR Gulpinar-Canak, 0.13 144, P, Sg, P, 16 45 35.1 -0.3, 16 45 37.3 -0.4, 16 45 37.9 -0.1

Main table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, NILT Santiago Nilte, 1.01 8, I, P, Pn, 16 59 35.5 -0.2, 16 59 47.7 -1.1, 16 59 38.6 -1.2, 16 59 52.0 -1.0

Main table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, FCAR Ozark Folk Cen, 20.38 6, P, Pn, 17 03 53.8 -0.6, 17 03 55.8 -1.0, 17 03 55.2, 17 03 55.2



Table of train schedules for 999, listing station names, times, and train types (LR, P, S, etc.).

Table of train schedules for 500, listing station names, times, and train types (P, S, etc.).

ANF 13 17:33:09.9,0.6,37:50N-80:74W, h2km,6km, ML4.3/13, Error ellipse: s-maj=3.2km s-min=2.9km az=46.0, SLM 13 17:33:10.9,1.5,37:47N-01:80:70W,0.02,h19km,5km, MD3.2/23,mb\_Lg3.5/17(NEIC), ML3.7/16(NEIC), Error ellipse: s-maj=2.9km s-min=2.1km az=106.0, NEIC 13 17:33:10.3,1.7,37:48N-01:80:65W,0.03,h9km,6km, Error ellipse: s-maj=3.3km s-min=2.7km az=62.0, ISC 13 17:33:10.4,1.0,37:49N-01:80:69W,0.02,h9km,6km, n215, c0884/219, West Virginia

Main table of train schedules for 500, listing station names (e.g., Blacksburg, Marlinton), times, and train types (P, S, etc.).

Main table of train schedules for 13d 17h, listing station names (e.g., Snyder Ridge, Mont Chateau), times, and train types (P, S, etc.).

NOU 13 17:07:30.9,37:91S:177:86E,h174km,MLv4.2/12, Off E. Coast of N. Island, N.Z., WEL 13 17:07:38.5,0.7,38 S:6\*17 7E, h76km,8km, M3,77/8, ML3.7/28,MLv3.7/78, Error ellipse: s-maj=0.0,3km s-min=0.0km az=29.1, confirmed ISC 13 17:07:35.0,1,37:85S-0:05:177:48E,0:06,h117km,gkm, n118, c1684/122, Off east coast of North Island

Main table of train schedules for 13d 17h, listing station names (e.g., Raukumara Rang, Te Kaha), times, and train types (P, S, etc.).





13d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like P18A, R18A, RWY, etc.

13d 19h:37:26.5:0.5, 6.30AS:113.00E,h587km,5km,mb3.7/28, mbtmp4.7/32, Error ellipse: s-maj=9.6km s-min=5.4km az=53.0

DJA 13:19:37:26.2:0.2, 6.3S:3.113E, h587km,3km, M4.4/34, mb5.0/15, mb4.7/34, MLV4.7/26, Mw(mbE)4.3/15

NEIC 13:19:37:27.1:4, 6.10S:0.09E:112.95E:0.10, h591km,7km, mb4.6/33, Error ellipse: s-maj=15.2km s-min=11.4km az=58.0

ISC 13:19:37:26.7:0.4, 6.11S:0.04E:112.97E:0.05, h592km,4km, h593km,pp-P,n276,e1930/311,mb4.5/72,3C-5D, Jawa

Main table listing station codes (e.g., BWJ, GRJ, BLJ, NGJ, ABJ, GMJ, JAGI, etc.) and their corresponding data.

2017 SEP

Main table listing station codes (e.g., MORW, WRKA, SRDT, etc.) and their corresponding data.

1002

Main table listing station codes (e.g., GOMU, GeErMu, KSRs, etc.) and their corresponding data.



13d 21h

Table with columns for call sign, name, frequency, and other details. Includes entries like TP3G Tehuacan, HUEH Huehuetenango, FTIG Fresnillo de T, etc.

2017 SEP

Table with columns for call sign, name, frequency, and other details. Includes entries like ABTX Abilene, Hawle, ABTX Abilene, Hawle, PECS Pecos, etc.

1004

Table with columns for call sign, name, frequency, and other details. Includes entries like TUC Tucson, TUC Tucson, TUC Tucson, etc.

1005

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like WUAZ, TAMC, V58A, etc.

2017 SEP

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MVU, SHPR, MCWV, etc.

13d 21h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like EYMN, BCYI, AGMN, etc.

13d 21h

2017 SEP

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Table with columns: TAOE, comp, eS, S, 21 46 59.5, -0.8, etc. Lists various locations like Nuku Hiva, Watson Lake, Jennings River, etc.

Table with columns: SDBA, IPMB, M2K, DAWY, MECA, GLB, G31R, BCAR, L27K, L27K, L27K, BMRM, Q23K, M26K, M26K, I29M, F3DM, MURT, P32M, S31K, P33M, SKAG, AQDB, AQDB, ARAG, N32M, SMTB, WHY, WHY, MMPY, ANJ, ROSB, P30M, P29M, O30N, MT05, MT03, M31M, N31M, HYT, PNL, O29M, BO01, N30M, YUK6, PINM, BO02, YUK4, O28M, CPUP, CPUP, CPUP, CPUP, YUK8, M29M, M29M, LOGN, LOGN, MESA, BDFB, BDFB, BDFB, BDFB, CTGM, CTGM, CTG, L29M, GRNC, GRNC, YUK3, BARN, BARN, K29M, K29M, J30M, BGLO, MCR1, TGL, TGL, H31M, CRQE, CRQM, CROM, C36M, I30M, KAIM, MCARA, MCARA, MCARA

Table with columns: DY2G, M22K, D28M, CAPN, SII, IL31, ILAR, ILAR, ILAR, PMOR, G26K, SUA, E27K, PLCA, PLCA, CUT, MCK, POKR, O20K, R18K, Q19K, D27M, VAO, CHIR, BMAR, F26K, CP5B, N20K, SPCR, SKT, DIAM, TRF, TRF, G25K, NEA2, H24K, F25K, PET01, Q18K, I23K, I23K, BSCB, G24K, E25K, BPAW, M20K, P17K, P18K, PLTB, CAST, CAST, CAST, R17K, H23K, TRQA, TRQA, N19K, O18K, C27K, MLY, MLY, F24K, CHUM, M19K, Q16K, P17K, R16K, C26K, G23K, I21K, N18K, L19K, D25K, CHGN, E24K, H22K, RCBR, K20K, K20K, COLD, O17K, ESAR, CHNA, E23K, J20K, H21K, PPT, PPT2, PPT2



Table with columns: Call Sign, Frequency, Mode, Power, Location, and Date/Time. Includes callsigns like PPT2, P16K, G22K, N17K, S14K, TOLK, D24K, O16K, SJMB, L18K, GUA01, M17K, C24K, SDPT, J19K, G21K, E22K, D23K, J18K, ICESG, N16K, F21K, O15K, M16K, C23K, R1B01, K17K, GCSA, D22K, H19K, N15K, S12K, L16K, E21K, F20K, O14K, J17K, M15K, G19K, EUNU, H18K, FALS, N14K, B22K, E20K, B21K, F19K, E19K, G18K, L15K, J16K, M14K, D20K, H17K, K15K, I17K, SUMG, S14K, TBI, TBI, TBI, L14K, NEEM, A22K, D19K, G17K, B20K, A21K, E18K, G16K, C19K, UNV, E17K, K13K, C18K, D17K, RDOG, F15K, ANM, C17K.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and Date/Time. Includes callsigns like BORG, NOR, RAR, JMJC, PTO, PGAV, PCAS, PFVI, PTEO, POLO, PNCL, PVIS, MORF, PMTG, SHEM, MESJ, MESJ, MESJ, MTE, MTE, MTE, MTE, ESK, ESK, ESK, EKB, EKA, PBEJ, MVO, MVO, PESTR, PESTR, PBDV, PMRV, PMRV, PMRV, PBRG, PVAO, PVAO, PBAV, SPITS, PAB, PAB, PAB, AFJ, ESDC, ESDC, ESDC, ESDC, ESBG, GRR, GRR, FLN, FLN, LDF, LDF, MDT, MFF, MFF, SJPF, ETSF, ETSF, EPF, EPF, RJF, RJF, TCF, TCF, CAF, CAF, NB2, NB2, NB2, NB2, NOA, NOA, BGF, BGF, NB201, BMRD, NB2, NB2, AVF, AVF, SSF, SSF, BGES, BCL, RCHB.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and Date/Time. Includes callsigns like LOR, MTLF, BHOU, WLF, WLF, WLF, ARCES, ARCES, ARCES, ARCES, HFS, SMAI, SMAI, VIVF, VIVF, SEY, SEY, SEY, HAU, HAU, HINF, HINF, PET, PET, PET, LA, LA, LPG, LPG, BNI, BNI, BNI, BNI, LMR, LMR, TIXI, TIXI, TIXI, TIXI, MA2, TUE, DAVA, DAVO, CLL, CLL, CLL, RETA, FUORN, FUORN, FETA, MOT, SQT, HSK, BRG, BRG, BRG, BRG, RICC, KHC, KHC, PVCC, PRA, LESA, GERES, GERES, PRU, PRU, FINE, ZCCA, ZCCA, GPC, CKRC, BIOA, KBA, CHVC, CHVC, UPC, OSTC, OSTC, OSTC, OSTC, DPC, DPC, DPC, RAO, RAO, MSVF, VRAO, VRAO, CONA, ARSA.



Table with 4 columns: Station ID, Name, Azimuth/Elevation, and other parameters. Rows include stations like R32A Long Quarter, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, T25A Trinidad, T25A Trinidad, T214A Organ Pipe Nat, KSU1 Kansas State U, KSU1 Kansas State U, WCI Wyandotte Cave, W18A Petrified Fore, SDCO Great Sand Dun, SDCO Great Sand Dun, X16A Lo Mia Camp, P, 113A Mohawk Valley, BLA Blacksburg, S22A 4UR Ranch, Cre, MVCO Mesa Verde, MVCO Mesa Verde, MVCO Mesa Verde, WUAZ Wupatki, WUAZ Wupatki, BAUV El Baul, BAUV El Baul, O48B Farmland, IKP In-Ko-Pah, Jac, ISCO Idaho Springs, ISCO Idaho Springs, P52A Corning, OGNE Ogallala, OGNE Ogallala, N23A Red Feather La, O20A White River Ci, JFWS Jewell Farm, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, FURC Furnace Creek, MPMC Manual Prespec, R11B Troy Canyon, C, SPMN Marine on St, SPMN Marine on St, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, SGC8 Seo Gabriel D, CZSB Cruzeiro do Su, HVU Hansel Valley, BINY Binghamton, ELK Elko, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, NNA Nana, RLMT Red Lodge, RLMT Red Lodge, YNE Yellowstone No, YNE Yellowstone No, MDND Maddock, AGMN Agassiz Nation, HCLD Hailey, BCYI Bear Canyon, DLMT Dillon, DGMT Dagmar, WVOR Wild Horse Val, WVOR Wild Horse Val, J08A Circle Bar Ran, ULM Lac du Bonnet, EG3T Eagleton, BOAV Boa Vista, BOAV Boa Vista, BOAV Boa Vista, MSO Missoula, ETMB Extrema, ETMB Extrema, MACA Manacapuru-AM, MACA Manacapuru-AM, SAML Samuel, LPAZ La Paz, LPAZ La Paz, ITTB Itaituba, NPGB Novo Progresso, PTLB Pontes e Lacer, PTLB Pontes e Lacer, BBSD Serra de San D, BBRB Robore, Bolivi, AC06 Mina Casimiro, AC06 Mina Casimiro, AC02 Marcungua, SALV Santo Antonio, YCO Las Campanas, YCO Las Campanas, PANT Pantanal (Braz), PPTB Ponte de Pedra, BDQN Bodoquena, MS CO02 Combarbal, MURT Porto Murtinho, TA0E Nuku Hiva Isla, AODB Aquidauana, ARAG Araguaiana, MT, R33M Jennings River, SMTB Santa Maria do, Q32M Nakina River, TGTN Hyland Airport, VA03 San Esteban, P33M Teslin, Yukon, LMEL Las Melosas, AMBA Amambai (Brazi), WHY Whitehorse, MMPY Sheldon Lake, CPUP Villa Florida, FARO Faro, Yukon, P30M Million Dollar, O30N Mendenhall, BDFB Brasilia, BDFB Brasilia, M31M Drury Creek, Y, N31M Braeburn, Yoko, HYT Haines Junctio, PINM Pinnacle, MECA Mercedes, M29M Sonme Creek, L29M L29M, GRNC Granite Creek, GRNC Granite Creek, CRQE Cirque, I30M Mount Dempster, MCARA McCarthy VSAT, UNIS Unistalda (Bra), G31M Satah River, BCAR Beaver Creek A, L27K Beaver Creek, BMRM Bremher River, F31M Tsiighehtic, M26K Nabesna, AK, EPYK Eagle Plains, N25K Chitina, Valde, K27K Chickena, H29M Whitestone, I28M Miner Creek, F30M Barrier River, G29M Pine Creek, SCRK Sand Creek, I27K Kandik River, PLCA Paso Flores, PLCA Paso Flores, J26L Joseph Creek, H27K Steamboat Moun, E29M Blow River, F28M Old Crow, SML Sawmill, G27K Doyon Strip, WAT6 Susitna Watana, J25K Salcha River, GHO Glory Hole Cre, GHO Glory Hole Cre, RC01 Rabbit Creek A, E28M Babbage River, OHAK Old Harbor, HDA Harding Lake, PMOR Portorioro Res, Q20K Shuyak Island, PRP Porcupine Dome, D28M Stokes Point, IL31 Ilkik, IL31 Ilkik, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, G26K Porcupine Rive, E27K Coleen River, CAPN Captain Cook N, SII Sitkinak Islan, SUA Susitna One, MCK McKinley, F26K Sheenyik River, Q19K Cape Douglas, SKT Skwentna, N20K Mount Spurr, G25K Beaman Lake, TRF Thorofare Moun, H24K Hood Dome, KTH Kantishna Hill, KTH Kantishna Hill, I23K Minto, Yukon-K, I23K Minto, Yukon-K, BPAW Bear Paw Mtn, M20K Styx River, CAST Castle Rocks, C27K Jago River, MLY Manley, MLY Manley, MLY Manley, N19K Bonanza Creek, O18K Koktuh Hills, F24K Squaw Lake, CHUM Lake Minchumin, G23K Bananza Creek, H22K Ishlitalina Cre, K20K Telida, K20K Telida, PPT Papeete, PPT2 Papeete, O17K Koliganek Bris, J20K Nowina River, H21K Melozinta Rive, G22K Bettles, O16K Kokwok River B, C24K Franklin Bluff, L18K Granite Mounta, J19K Poorman, G21K Alakat, SDPT Sand Point, D23K Nanushuk River, H20K Anotleneega Mo, F21K Alaina River, O15K Ungalikthiuk R, EUNU Eureka, EUNU Eureka, F20K Avaraart Lake, J17K VABM Dome, G19K Purcell MOUNT, SUMG Summit, SUMG Summit, B21K Ikpikpuk Rive, F19K Shalruckick Mo, E19K Redstone River, J16K Anyik River, L15K Ungalak Mounta, M14K Bethel, D20K Ethluk River, M13K Dall Lake, E18K Tukpahtearik C, UNV Unalaska Valle, E17K Hotham Inlet, F15K North Star Dit, ESK Eskdalemuir, EKA Eskdalemuir, ESK Eskdalemuir, ESK Eskdalemuir, ESDC Sonseca Array, NC204 NORSAR Array S, NB2 NORSAR Subarra, NOA NORSAR Array B, HFS Hagfors, ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, ECH Echery, KOWA Kowa, BNI Bardonecchia, DAVA Damuels, CLL Collin, CLL Collin, FUORN Ofenpass-Fuorn, FUORN Ofenpass-Fuorn, FETA Feichten, FETA Sankt Quirin, KHC Kasperske Hora, GERES GERES Array B, ABTA Abfattersbach, BIOA Bad Ischl, AUSA, KBA Koelnbreinsper, DPC Dobruska-Polom, CONA Conrad Observa, ARSA Arzberg, TORD Torodi Ar. Bea, RONA Rosalia, DZM Mont Dzumac, MDJ Mudanjing, MDJ Mudanjing, HHC Hu-ho-hao-te, WMQ Urumqi, NJ2 Nanjing, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PZAR PanZhihua, PZAR PanZhihua, PZAR Chang Mai Arr, IDC 13:21:49:57.1; 1.2, 5.2; 49S; 16:13E, h0km, mb4.0/4, mbtmp4.1/4, MS3.8/8, Error ellipse: s-maj=56.6km



Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Pauahi, Kane Nui o Ham, Hilina Pali, Keanakakoi, Rim, Sand Hill, Byron's Ledge, Steam Cracks, North Pit, Halema'uma'u T, Mauna Loa, etc.

DJA 13 22:16:37.1±0.5, 8°S, 4°10'6"E, h67km±19km, M3.9/11, mb4.4/1, mb5.5/1, ML3.6/1.1, Mw(MB)5.0/1, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cibinong, Lembang, Cimerak, Karang Pucung, etc.

IDC 13 22:20:53.6±3.4, 26°24'N, 141°64'E, h0km, mb3.8/3, mbtmp3.8/3, MS4.1/1, Error ellipse: s-maj=153.5km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Makanchi Array, FINESS Array B, etc.

ANF 13 22:21:26.1±0.3, 32°38'N, 115°60'W, h24km±2km, ML3.5/17, Error ellipse: s-maj=3.2km s-min=1.8km az=162.0

NEIC 13 22:21:26.3±1.5, 32°34'N, 0°01:115°63'W, 0.02, h20km±5km, Error ellipse: s-maj=2.5km s-min=1.7km az=104.0

PAS 13 22:21:27.0±2.1, 32°34'N, 0°00:115°62'W, 0.01, h15km±2km, ML3.5/246, ML3.3/36(NEIC), Error ellipse: s-maj=1.5km s-min=1.2km az=81.0

ECX 13 22:21:27.6±0.6, 32°33'N, 115°62'W, h14km±2km, MD3.4, ML3.5

ISC 13 22:21:26.4±0.8, 32°33'N, 0°01:115°63'W, 0.01, h19km±1km, n129, c078/193, 15C-9D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cook Ranch 2, Imperial, Westside Schoo, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SNR, SWSC, Sam W. Stewart, Mount Signal, Superstition M, Westmorland, C, etc.

ESJX 13 22:43:22+0.2, Sierra Juarez, 0.87 198, P, 22 21 54.9+0.6

ECX 13 22:48:45.8±1.0, 32°32'N, 115°62'W, h14km±2km, MD2.4, ML2.6

ISC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

COK2 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

WESC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

DREC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cook Ranch 2, Imperial, Westside Schoo, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SNDA, SDA, San Joaquin, San Diego Ranch, etc.

ANF 13 22:48:44.9±0.5, 32°37'N, 115°64'W, h20km±2km, ML2.5/8, Error ellipse: s-maj=5.8km s-min=2.6km az=127.0

ECX 13 22:48:45.8±1.0, 32°34'N, 115°62'W, h14km±2km, MD2.4, ML2.6

ISC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

COK2 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

WESC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

DREC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

SWSC 13 22:48:44.6±1.0, 32°35'N, 0°03:115°62'W, 0.02, h19km±2km, n29, c040/47, 18C-7D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cook Ranch 2, Imperial, Westside Schoo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Rio Hardy, Big Chuckwall, Rancho Alamar, Cerro Bola, Pinon Flats, etc.

NEIC 13 23:21:37.3, 1.3, 18.06S, 0.05:69.44W, 0.07, h143km, 5km, mb4.3/20, ML4.0(GUC), Error ellipse: s-maj=9.7km s-min=7.1km az=111.0

VAO 13 23:21:37.5, 0.5, 17.93S:69.03W, h119km, 4km, mb4.4 IDC 13 23:21:38.1, 1.1, 18.11S:69.00W, h139km, 6km, mb3.9/6, mbmp4.4/8, Error ellipse: s-maj=19.4km s-min=9.8km az=98.0

GUC 13 23:21:39.4, 0.8, 18.12S:69.42W, h124km, 5km, ML4.0 ISC 13 23:21:36.7, 0.6, 18.06S:0.04:69.23W, 0.05, h135km, 6km, n129, e143/144, mb4.1/9, 2C-3D, Northern Chile

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

TA02 23 22:53.26.8, 1.8, 46.87N:0.05:112.54W, 0.05, h11km, 5km, ML3.2/34, ML3.4/23(BUT), Error ellipse: s-maj=7.8km s-min=5.3km az=168.0

BUT 13 22:53:27.0, 1.4, 46.91N:0.06:112.53W, 0.05, h14km, 3km, Error ellipse: s-maj=8.3km s-min=5.2km az=169.0, Montana

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Lyon Mountain, Mount Belmont, Ovando, etc.

IDC 13 23:18:54.3, 1.0, 26.01N:128.73E, h0km, mb3.6/8, mbmp3.6/8, MS3.5/1, Error ellipse: s-maj=47.4km s-min=16.7km az=69.0

JMA 13 23:18:57.0, 0.3, 26.0N:0.9:12.9E, h36km, MV3.4/13, NEAR OKINAWAJIMA ISLAND

ISC 13 23:18:55.2, 2.0, 26.00N:0.06:128.80E, 0.04, h10km, 12km, n20, e111/32, mb3.7/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Nagatoyohara, Tagatusuku3, Kunigami, etc.

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

IDC 13 23:37:20.6, 2.5, 38.43N:23.42E, h0km, mb3.4/3, mbmp3.4/3, MS2.5/1, Error ellipse: s-maj=368.5km s-min=28.8km az=138.0

THE 13 23:37:21.7, 38.45N:23.52E, h12km, 1km, ML3.3/21, Error ellipse: s-maj=1.6km s-min=0.5km az=134.0

ISC 13 23:37:20.9, 1.3, 38.41N:0.03:23.51E, 0.02, h4km, 10km, n36, e90/56, mb3.4/3, Greece

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

WEL 13 23:58:28.1, 0.7, 41.3S:17.3E, h5km, 3km, M2.5/5, ML2.5/6, ML2.5/5, Error ellipse: s-maj=0.0km s-min=0.0km az=71.7, confirmed, Off west coast of South Island

Table with columns: Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like TKNZ Takaka Hill, MRNZ Matariki Terra, etc.

IDC 14 00:27:21.4i 1.6, 35.84N; 139.54E, h34km, 10km, mb3.9/26, mbtmp4.1/29, ML3.4/3, MS3.7/49, Error ellipse: s-maj=13.1km s-min=10.8km az=72.0

MOS 14 00:27:22.1i 1.5, 35.75N; 139.51E, h56km, mb4.7/32, Error ellipse: s-maj=9.8km s-min=5.4km az=113.9

NIED 14 00:27:23.6i 35.83N; 139.55E, h50km, MW4.6, Moment tensor: Scale 1015Nm, Mw=6.97, Mw-3.85, Mw-3.12, Mw-5.52, Mw-2.99, Mw-2.02; Fault plane solution: Mu8.920000x1015 Np1: 0.242, 0.00000, 0.866, 0.00000, 1.100, 0.00000. NP2: 0.38, 0.00000, 0.826, 0.00000, 1.69, 0.00000.

NEIC 14 00:27:23.7i 35.77N; 139.60E, h48km

NEIC 14 00:27:23.6i 0.1, 35.8N; 0.4, 139.6E; 0.5, h50km, 1km, Md4.5/35, MW4.6/35, EASTERN SAITAMA PREF

JMA Felt III J1 at EASTERN SAITAMA PREF.

NEIC 14 00:27:24.0i 1.9, 35.82N; 0.04, 139.60E; 0.07, h53km, 5km, mb4.6/51, Mw4.6/27, Error ellipse: s-maj=8.2km s-min=6.3km az=95.5

Moment tensor: Scale 1015Nm, Mw=4.31, Mw-2.49, Mw-5.54, Mw-3.03, Mw-1.07; Fault plane solution: Mu8.75000x1015 Np1: 0.248, 0.00000, 0.865, 0.00000, 1.102, 0.00000. NP2: 0.40, 0.75000, 0.827, 0.00000, 1.64, 0.00000.

Principal axes: T 0.9049, Plg67.0000, Azm182.0000; N -0.7379, Plg11.0000, Azm63.0000; P -0.8370, Plg19.0000, Azm329.0000.

ISC 14 00:27:23.1i 0.5, 35.78N; 0.03, 139.58E; 0.05, h51km, 3km, h51km, pp-P, n288, i1934/234, mb4.5/69, MS3.7/48, 9C-28D, Near south coast of eastern Honshu

Main table of station data with columns: Code, Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like TOK Tokyo, JHU Hanno, JSGW Sagamiharakawa, etc.

Main table of station data with columns: Code, Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like JFK Kawauchi, JAO Obara, JTT Titey, etc.

Main table of station data with columns: Code, Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like LZH Lanzhou, H1N2 WAKE ISLAND Hy 28.85 116, H1N1 WAKE ISLAND Hy 28.85 116, etc.

Table of station data for the 14d 0h period, including station names, coordinates, and various parameters like P, I, S, and time/resolution.

Table of station data for the 2017 SEP period, including station names, coordinates, and various parameters like P, I, S, and time/resolution.

Table of station data for the 14d 00:57:18.6:7.5 period, including station names, coordinates, and various parameters like P, I, S, and time/resolution.



Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like TX31 Lajitas Ar. Si, BRDY Brady, OZNA Ozona, ALPN Alpine, FW14 Alvarado, 425A Indio Mountain, W35A Tecumseh, M35A Muleshoe, OK052 Battle Ridge R, FCAR Ozark Dike, 121A Cookes Peak, D, 121A, GUY2C Guyana, Caidas Tucuson, ORTC Ortega, Tolima, ROSC El Rosal.

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like R32A Long Quarter, RUSC La Rusia, CHIC Chingaza, SDV Santo Domingo, N38A Joes South For, NVAR Mine Array Bea, ILAR Eielson Array.

LJU 14 01:15:14.4, 45.61N, 15.32E, h1km, ML0.8

ISC 14 01:15:14.7-1.1, 45.61N, 0.003-15.32E, 0.03, h1km, 15km, n13, r0.538/19, 1D, Northwestern Balkan Peninsula

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like OZLJ Ozalj, BOJS Bojanci, CRES Cresnjevo, LEGS Legarje, INTR Gornja Briga, VISS Visnje, A254A Petrova Gora, PLIT Plitvice, SMRN Sveta Marina, NVLJ Novalja, A253A Karolja, Istri, VIRC Viri, DUGI Dugi Otok.

ROM 14 01:15:22.6-0.2, 42.445N, 0.007-13.34E, 0.01, h10km, 1km, ML0.7/22, Error ellipse: s-maj=0.8km s-min=0.6km

az=239.0, Central Italy

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like T1247 Pizzolo (AQ), T1247, T1247, T1247, AQU L'Aquila, AQU, AQU, AQU, CAMP Campotosto, RM33 Pellescrista, RM33, RM33, RM33, RM33, GIGS Gran Sasso, GIGS, SMA1 SAN MARTINO, SMA1, SMA1, TERO Teramo, TERO, TERO, TERO.

RHSSO 14 01:16:13.7-0.5, 42.81N, 16.37E, h6km, 2km, ML2.8/17 ROM 14 01:16:14.8-0.1, 42.81N, 0.007-16.23E, 0.02, h10km, ML2.6/54, Error ellipse: s-maj=1.5km s-min=0.6km az=294.0 BEO 14 01:16:16.5-0.7, 42.77N, 16.52E, h10km, ML2.4/9

PRU 14 01:16:19.8, 43.18N, 16.36E, h10km VIE 14 01:16:19.3-1.0, 43.13N, 16.04E, h10km, mb2.8/5, ml2.9/6, Error ellipse: s-maj=12.7km s-min=7.1km az=71.0 56 km SW of Split

ISC 14 01:16:13.6-1.1, 42.80N, 0.02-16.32E, 0.02, h13.0, 9km, n138, r1.23/173, 11C-6D, Adriatic Sea

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like HVAR Hvar, LSTV Lastovo, MAKKA Makarska, RICO Riconca, STON Ston, STON Ston, STON Ston, SGRT San Giovanni R, SGRT, SGRT, MORI Morici, APRC Apricana, KLVJ Kijevo, FRK Dubrovnik, NEVS Nevesinje, MELA Melanico ??? S, SRKY Kupres RS, SRKY Trebinje, TREB, TREB, DUGI Dugi Otok, GIGN Sant'Elia a Pi, HCY Hercegov Novi, GATE Gambatesa, TRIV Trivento, MGRS Mrkonjic Grad, MGRS, LPAL Lama dei Pelig, VIRC Vir, UDBA Udbina, VCEL Villa Celiera, MIDA Miranda, UPM Unac-Piva, OFFI Offida, RN12 Rionero Sannit, RN12, RN12, RN12, INTR Introdocacqua, INTR, INTR, INTR, INTR, T110 Collepietra, TERO Teramo, BLY Banja Luka, BLY Banja Luka, BLY Banja Luka, NVLJ Novalja, VAGA Valle Agricola, NOCI, NOCI, FAGN Fagnano, KNYS Knyaz na Uni, AOI Ancona, PLIT Plitvice, CAMP Campotosto, PRIJ Prijedor, PDG Podgorica, PDG Podgorica, PDG Podgorica, MMOI Montemonaco, DRME Dracevica, Mon, DRME, NVLD Villa Valleion, RABC Rab, T1247 Pizzolo (AQ), T1247, T1247, T1247, PTOR Pietraquaria, DOB Dob, LRP Arpino, LRP, CING Cingoli, CING, CING, T1218 Civita (PG), T1218, T1218, RUDO Rudo, T1219 Muccia, Frazio, T1219, T1219, BBL8 Lazzi&#263;, BBL8, BBL8, A254A Petrova Gora, T1221 Campello sul C

compe=, 30um, 0.3s COR1 Corinaldo 2.57 290 P Pn AML Pn 01 16 56.0 +1.1

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like COR1, COR1, ARVD Arcevia, ARVD, ARVD, ARVD, FOSV Fossato di V, FOSV, FOSV, FOSV, ATCC AVT- Casa Cast, ATCC, ATCC, ATCC, SMRN Sveta Marina, BRJN Brijuni, BOJS Bojanci, BOJS, NARO Abbazia di Nar, NARO, NARO, NARO, RI2A Rijeka, A252A Venje, PIEI Pleia, PIEI, OZLJ Ivanjica, IVAS Ivanjica, IVAS, TEKS Tekeris, TEKS, ATTE AVT- Monte Tez, ATTE, ATTE, ATTE, GBR5 Gornja Briga, APEC Apecchio, APEC, APEC, APEC, DIVS Divibare, DIVS, DIVS, A253A Karolja, Istri, CRES Cresnjevo, SCTE Santa Cesarea, SCTE, VISS Visnje, LEGS Legarje, CEY Cerknica, CEY, TRUY Trudelj, KAK Karanj, LOBO Lobor, GRUS Gruzica, PDKS Podkum, GBAS Gorenja Brezov, FRGS Fruska Gora, FRGS, FRGS, LJU Ljubljana, LJU, LJU, SELS Selva, VOJS Vojsko, MORH Mragy, Hungar, MORH, OBKA Obir, OBKA, OBKA, SRN Sarande, BARS Barje, KEK Kerkira, GEFP Gemona, GEFP, LSK Leskovik, POLC Polcenigo, POLC, POLC, NEST Nestorio, FNA Florina, STAL STALIGIAL, STAL, STAL, IGT Igoumenitsa, ARSA Arzberg, CTI Castel Tesino, CTI, CTI, KBA Kolnreinsper

compe=, 45um, 1.4s CTI comp=N, 65um, 0.8s CTI comp=E, 45um, 0.3s CTI compe=N, 64um, 0.3s KBA 4.77 335 ePn Pn 01 17 26.5 +1.2

14d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBA, DOSS, TSLK, LKID, BIAO, MOA, NYDR, LESA, DMLN, KEFA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, CMAR, CMAR, MKAR, KURBB, ZALV.

SNET 14 01:42:52.0±1.1, 14.32N-91.12W, h19km, 17km, ML2.9
GCG 14 01:42:55.8±0.3, 14.06N-91.01W, h70km, 13km, MD3.3
ISC 14 01:42:56.0±1.9, 14.00N-92.0104W, h0.09, h73km, t9s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUG, PCG, SULM, NBG, NUBE, SBLS, etc.

SOF 14 01:53:18.4, 42.58N-23.03E, h13km, MD3.5
ISK 14 01:53:18.6, 42.55N-23.05E, h4km, ML3.6/18
BEO 14 01:53:19.0, 42.61N-22.96E, h10km, 1km, ML3.2/22

SKO 14 01:53:19.3, 42.61N-22.99E, h4km, ML3.4
NEIC 14 01:53:19.8, 41.82N-22.96E, h10km, 0.06, h10km, 2km, ML3.1/26, ML3.9/36C, Error ellipse: s-maj=7.6km s-min=7.4km az=239.0

DDA 14 01:53:21.3±0.0, 42.31N-23.30E, h7km, 1km, ML3.1
ISC 14 01:53:18.8±1.0, 42.60N-01.22.98E, h6km, 8km, n211, s190/283, 38C-26D, Bulgaria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VTS, SOF, PLNA, BOSS, PRVS, ZAPS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAGS, PLOVDIV, MPEP, BLKB, etc.

2017 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVR, KNT, KNT, BAIL, SELS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UKOP, SULR, BZS, Buzias, etc.

IDC 14 02:12:14.7±10.0, 19.04S-179.97E, h495km, 33km, mb3.0/3, mbtmsp3.8/4, Error ellipse: s-maj=223.8km s-min=85.1km az=110.0, South of Fiji Islands
MSVF Nonsavu 2.24 305 P P 02 19 20.7 0.0
STKA 3.67 242 P P 02 18 39.4 -0.1
WRA Warramunga Arr 42.93 261 P P 02 19 28.6 -0.8
ASAR 43.01 255 P P 02 19 30.2 ±0.1
JMA 14 02:15:29.9±0.1, 36.6N-0.3-141.1E, h47km, 1km, MD3.9/37, MV4.2/37, E OFF IBARAKI PREF
JMA Felt II J1 at E OFF IBARAKI PREF
NIED 14 02:15:29.9, 36.56N-141.12E, h47km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; M=0.12; M0=0.61; M0=0.72; M0=0.61; M0=0.76; M0=0.12; Fault plane solution: Mo1.19000x10^15 NPT0.68.000000, s84.000000, 1.149.000000. NP20.161.000000, s89.000000, 2.7.000000
IDC 14 02:15:30.2±2.2, 36.56N-141.11E, h43km, 20km, mb3.7/11, mbtmsp3.9/16, ML3.8/5, MS3.3/6, Error ellipse: s-maj=18.3km s-min=16.7km az=81.0
ISC 14 02:15:28.2±1.4, 36.52N-0.04-141.29E, h0.06, h3km, 10km, n61, s130/46, mb4.0/11, MS3.5/5, 12D, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hitachi, Hitachinakayam, Iwakimizuishiy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Suchitepequez, Retalhuleu, Santiaguillo, etc.

Table with columns: PATR, PAVE, HUEH, HUEB, HUEG, HUEH, HUEI, HUEJ, HUEK, HUEL, HUEM, HUEO, HUEP, HUEQ, HUER, HUES, HUEU, HUEV, HUEW, HUEX, HUEY, HUEZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mex 14 02:16:29.6, Mex 14 02:16:37.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mex 14 02:16:29.6, Mex 14 02:16:37.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mex 14 02:16:29.6, Mex 14 02:16:37.4, etc.

14d 2h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SDCO, ATAH, S22A, N38A, TKX, PCRV, PFO, CCUT, NNA, SPR3, PDAR, SADO, ELK, REDW, NVAR, MOOV, FXWY, IMW, YHL, DLMT, ULM, J08A, PLID, YBH, F10A, NEW, MDP, EDM, LVC, SCH0, YKA, FRB, PLCA, SFJD, INK, ILAR, ESDC, MDT, ARCS, DAVOX, TIXI, FINES, VRAC, MSVF, OBN, ASAR, CMAR.

IDC 14 02:30:23.5.2, 23.09N-94.53E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=449.7km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MKAR, WRA, ASAR, STKA, SONM, MKAR.

IDC 14 02:36:52.5.2, 0.85N-126.45E, h0km, mb3.4/3, mbtmp3.4/3, MS3.1/2, Error ellipse: s-maj=181.1km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, STKA, SONM, MKAR.

IDC 14 02:38:24.0.5, 3.707S-155.62E, h0km, mb3.7/4, mbtmp3.7/4, MS3.0/2, Error ellipse: s-maj=156.2km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, STKA, SONM, MKAR, DZM, WRA, ASAR, CJC, SONM, MKAR.

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IDC 14 02:43:43.5.0, 2.41N-126.30E, h0km, mb3.7/3, mbtmp3.8/3, Error ellipse: s-maj=181.8km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, STKA.

IDC 14 02:52:59.0.6, 42.51'N-111.23'W, h0km, mb3.3/3, mbtmp3.2/10, ML2.5/7, MS3.2/9, Error ellipse: s-maj=11.2km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UUSS, ID06, ID05, ID09, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

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Table with columns: PLID, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include Pearl Lake, PSUT, N23A, N23A.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MTPU, LYMT, HMU, PHWY, CHMT, MSO, MSO.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MSO, OVMT, BMO, ISCO, ISCO, R11B, R11B, LAO, RSSD, MVCO, MVCO, Q24A, SDCO, NVAR, NVAR, NVAR, NVAR, TPNV, NEW, NEW, NEW, NEW, YBH, YBH, YBH, ANMO, ANMO, PFO, PFO, ULM, ULM, ULM, TXAR, TXAR, YKA, YKA, YKA, TKL, TKL, TKL, SADO, SCH0, RES, ROSC, BVAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ID06, ID06, ID05, ID05, ID09, ID09, AHID, AHID, GRRI, BEI, ID07, ID08, ECR, BMUT, L17A, MLOV, HDU, RSUT, PTU, HWUT, REDW, WYUT, MLCU, LTU, FXWY, LOHW, HVU, MLI, EPU, BW06, BW06, BW06, PD31, PDAR, PDAR, PDAR, TCUT, TCUT, WBC, IMW, SPUT, SPU, NAIU, N15A, LHUT, FLWY, MCID, RBU, HRU, SNU, CTU, HTU, YMS, YMD, NDC, GMU, H17A, H17A, BGU, YLT, BSUT, YNR, YHR, BVCY, RDMU, YMV, HLID, HLID, HLID, MPU, DUG, DUG, DUG.

NEIC 14 02:53:09.2.1.4, 42.49'N-111.41'W, h0km, 1km, MLA.2/28, Mw9.4/0.87, MLI.4/0.14(UUSS), Error ellipse: s-maj=3.1km, s-min=2.8km, az=243.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr-0.32; Mth-1.05; Mtt-1.37; Mtr-0.39; Mtr-0.62; Mtr-0.31; Fault plane solution: Mo1.48000x10^15 NP1.150.91000, 378.76000, -1.158.31000, NP2.56.48000, 868.75000, -1.12.07000. Principal axes: T 1.5448, Plg7.0000, Azm282.0000; N -0.1474, Plg66.0000, Azm177.0000; P -1.3974, Plg23.0000, Azm15.0000.

UUSS 14 02:53:10.6.2.2, 42.55'N-111.40'W, h0km, 1km, Error ellipse: s-maj=2.0km, s-min=1.5km, az=72.0. NEIC 14 02:53:10.9.0.9, 42.51'N-111.41'W, h2km, n20, 0.67/26, Eastern Idaho



14D 3h

Table with columns: EQES, Quesada, MDT, OUZM, OUZM. Values include 6.55 77 Pn Pn, 6.60 123 P S, 6.78 146 S.

IDC 14 03:40:29.1-1.1, 36.331N-97.37W, h0km, mb3.2/1, mbmp3.2/5, ML2.7/4, MS3.1/1, Error ellipse: s-maj=16.8km s-min=13.4km az=158.0

Main station list table with columns: Code, Station Name, A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CROK Carrier, OK048 Pawnee Station, OK029 Liberty Lake, etc.

2017 SEP

Main station list table with columns: Code, Station Name, A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSU1 Kansas State U, Z35A Perchaven, CBKS Cedar Bluff, FW03 Perrin-Whitt E, etc.

1020

Main station list table with columns: Code, Station Name, A, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSCO Kaye Shedlock, KSCO Kaye Shedlock, MSTX Muleshoe, etc.

NEIC 14 03:40:50.6-1.6, 18.36N-68.78W, h133km, 7km, s-maj=9.7km s-min=6.5km az=197.0



14d 4h

2017 SEP

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Table with columns for station code, name, time, phase, and other details. Includes stations like MJAR, YHNB, SSLB, JKA, etc.

IDC 14 03:56:24.9.0.9, 72°60'S, 33°95'E, h0km, mb3.9/4, bmbp4.0/6, ML3.9/2, Error ellipse: s-maj=56.8km s-min=23.3km az=1.0

AWI 14 03:56:24.9.0.9, 72°60'S, 33°95'E, h0km, ANTARCTICA ISC 14 03:56:24.9.0.8, 72°63'.04.34.0E, 0.1, h10km, n13, az=254/15, mb4.0/4.5C, Antarctica

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other details. Includes stations like TROLL, MAW, SNA, etc.

VIE 14 03:57:05.4.1.5, 51°32'N, 15°94'E, h0km, mb2.5/5, ml2.6/4, Error ellipse: s-maj=9.7km s-min=8.0km az=142.0 79 km WWV of Wrocław Suspected Mining indicated.

PRU 14 03:57:05.5, 51°44'N, 16°08'E, h0km ISC 14 03:57:03.1.2.51, 51°N, 0°05':16.11E, 0°03', h0km, n28, az=087/56, Poland

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other details. Includes stations like KSP, CHVC, OSTC, etc.

Table with columns for station code, name, time, phase, and other details. Includes stations like MORC, VRAC, TREC, etc.

NEIC 14 04:14:39.5±1.8, 37°34'N, 0°02'97.96'W, 0.01, h5km, 1km, Error ellipse: s-maj=3.2km s-min=2.9km az=349.0

NEIC 14 04:14:41.1±2.4, 37°28'N, 0°02'97.97'W, 0.04, h5km, 6km, mb\_Lg3.2/121, ML3.6/46, ML3.4/17, Error ellipse: s-maj=4.8km s-min=2.8km az=59.0

ANF 14 04:14:41.1±0.2, 37°29'N, 97°95'W, h5km, ML4.2/23, Error ellipse: s-maj=3.0km s-min=2.5km az=65.0

IDC 14 04:14:41.3±1.7, 37°45'N, 98°16'W, h0km, bmbp3.6/3, ML1.9/1, Error ellipse: s-maj=26.2km s-min=11.4km az=98.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and other details. Includes stations like KAN12, KAN12, KAN12, etc.

Large table with columns for station code, name, time, phase, and other details. Includes stations like KSU1, TUL3, W35A, etc.





14d 5h

2017 SEP

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Table of race results for the first section, including columns for race ID, name, time, position, and status. Races include Chinghua, La Rusia, Florencia, Leonard, etc.

Table of race results for the second section, including columns for race ID, name, time, position, and status. Races include Athualpa, Peables, P49A, San Juan, etc.

Table of race results for the third section, including columns for race ID, name, time, position, and status. Races include SADO, Sadowa, ELK, Elko, etc.



Table with 7 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes rows for H46RU, ZALV, ZALV, KURBB, MKAR.

IDC 14 05:15:09.8±0.7, 1.30S, 148°22'E, h0km, mb4.4/17, mbmp4.4/18, ML4.5/1, MS3.8/32, Error ellipse: s-maj=27.4km s-min=14.5km az=92.0

NEIC 14 05:15:12.1±1.0, 1.36S, 0.08±148.05E, h10km, mb4.7/48, Error ellipse: s-maj=16.5km s-min=10.1km az=130.0

DJA 14 05:15:16.0±1.4, 1.7S, 7°14'8"E, h10km, Mb4.9/17, mB5.7/7, mb4.0/7, ML4.7, Mw(19)5.3/7

GCMT 14 05:15:16.1±0.2, 1.20S, 0.01±148.14E, 0.01, h18km, 1km, M05.0/104, Moment Tensor Solution, s24, c29;

MI4.0 c145; Duration: 0 Moment tensor: Scale 10^16 Nm; M1-0.59±.12; M2-2.60±.10; M3-3.19±.13; M4-1.36±.27; M5-0.89±.09; M6-0.13±.25; Best double couple;

M3-3.16100x10^16 Np1±.129, 0.00000°, 876, 0.00000°, λ-158.00000°. NP2±.34, 0.00000°, 868, 0.00000°, λ-15.00000°. Principal axes: T 3.3520, Plg5.0000°, Azm260.0000°; N 0.0150, Plg6.40000°, Azm160.0000°; P -3.7000, Plg26.0000°, Azm353.0000°; nstai refers to body waves, cutoff=40s. nstae2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 05:15:12.3±0.5, 1.43S, 0.06±148.16E, h10km, n126, c=207/83, mb4.7/45, MS3.8/32, 1D, Admiralty Islands region

Main table of station data for the left column, listing station codes, names, coordinates, and phases.

Main table of station data for the middle column, listing station codes, names, coordinates, and phases.

Main table of station data for the right column, listing station codes, names, coordinates, and phases.

Table of station data for the left column, including station names like 425A, 425B, 425C, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like WEL, MOM, NM, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like IDC, MSVF, WRA, etc., and their associated coordinates and parameters.

Table of station data for the middle column, including station names like MDD, IGIL, SFSS, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like PNCL, NICOLAU, VILA BISBO, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like KRSC, MYKZ, KZV, etc., and their associated coordinates and parameters.

Table of station data for the right column, including station names like NEIC, MEX, IDC, etc., and their associated coordinates and parameters.

14d 6h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like CRIN, CNGN, MATN, BOAB, ACON, ORTO, DUNO, JTS, SOCE, COVE, JACO, LCR2, PEZE, GOF, 833A, 735A, HNDO, DRIO, 435B, JCT, SAND, TXAR, TX31, TX32, NATX, BRDY, 344A, OZNA, PAYG, MTJD, WHTX, ALPN, FW13, VBMS, VBMS, FW07, SGCY, 143A, DWPF, FW06, ABTX, ABTX, Z38A, FW03, PECO, Z35A, ODSA, SN01, 352A, APMT, WFTS, POST, Z47A, LRAL, TIGA, TIGA, MNTX, Y45A, DKNS, MIAR, X37A, UALR, WMOK, OXF, OXF, W35A, MSTX, WHAR, DBBC, UREC, AMTX, DEOK, TUL3, OK029, FCAR, OK031.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like OK052, GOGA, GOGA, OK033, CB03, 121A, 121A, HLMR, PHAR, U38A, ZARC, OK048, Y51A, YOTO, W50A, NOKA, T35A, JWC, WMT, WVT, OK032, BNM, GUY2C, Y22D, Y22F, SBM, KAN13, MGMO, BBAC, INORC, ANIL, POPC, KAN06, NHSC, ANMO, IMBA, GCUF, TULM, S39A, TUC, TUC, ORTO, TKL, TKL, U49A, SPBC, ROSC, ROSC, ROSC, PRAC, CCM, CCM, V53A, BARC, R40A, PAMC, KMSC, KMSC, PIAT, R32A, RUSC, CHIC, TZTN, T25A, T25A, FLOC, 214A, X18A, KSUI, W18A, WCI, P40A, SDVO, SDV, MACC, U56A, S22A, CNNO, PTCG, MVCO, WUAZ, WUAZ, BLA, Q24A, GLA, HDL, P49A, PDMCI, QF2A, IKP, ISCO, BC3, O48B, OGNB.

1028

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like IRM, O49A, Q54A, P52A, MURC, O53A, BBRC, JFWS, JFWS, BFSC, GSC, ECSD, ECSD, M53A, MPMC, K22A, R11B, PKM, PKM, SPMM, BW06, PDAR, ELV, HKU, NVAR, NVAR, ID08, REDW, BINY, RLMT, YNE, EYMN, MDND, HLID, HLID, AGMM, BOZ, HRV, J08A, ULM, EGMT, MSO, YBH, BOAV, BOAV, NEW, ETMB, ETMB, SAML, NLWA, LPAZ, VILB, YKA, T35M, KOTAN, DLBC, WTLY, TAOE, R30E, R30E, Q32M, S31K, P33M, N32M, M29M, M29M, L29M, L29M, MCARA, DAWY, G31M, L27K, M26K, N25K.



14d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Clayton, Waverly, University of Muleshoe, Franklin, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Lac du Bonnet, Extrema, La Paz, Schefferville, etc.

1030

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Huatulco, Puerto Escondido, El Naranjo, etc.

NEIC 14 06:14:21.5: 1.5, 14.96N:0.08:94.26W:0.04, h25km±11km, mb4.0/6, Md4.1/18(MEX), Error ellipse: s-maj=11.4km

MEX 14 06:14:24.5: 0.8, 15.05N:94.33W, h15km±13km, MD4.1, IXC 14 06:14:19.2: 2.0, 15.01N:0.07:94.32W:0.05, h12km±13km, n23, c121/36, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PCIG, CGIG, CHJU, etc.

JMA 14 06:27:14.7±0.0, 32.7N:0.1±130.6E:0.1, h10km, MV2.8/20, NW KUMAMOTO PREF, Kyushu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JUI3, JTA, JZO, etc.

KRSC 14 06:31:09.5: 1.1, 54.02N:168.85E, h62km±34km, MI3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BKI, MKZ, SMKR, etc.

MDD 14 06:31:20.4±0.5, 36.50N:9.97W, h26km±5km, mb\_Lg3.8/4.5, Error ellipse: s-maj=4.6km s-min=2.6km az=70.0

SFS 14 06:31:21.1, 36.49N:9.92W, h52km, mb4.0/4, ML4.1/2.1, ML4.2/1.8, ML3.9/2.1

LDG 14 06:31:22.6, 36.64N:9.90W, h30km, INMG 14 06:31:22.0: 1.3, 36.51N:9.92W, h31km±7km, ML3.4, Error ellipse: s-maj=3.4km s-min=2.7km az=66.0

IGIL 14 06:31:22.8, 36.50N:9.91W, h31km, ML3.5, CNMR 14 06:31:23.4, 36.29N:9.52W, h20km, m3.8

ISC 14 06:31:19.0: 1.3, 36.50N:0.03:9.92W:0.05, h35km±137, c201/234, 6C-8D, West of Gibraltar

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







Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like EDBA Buenos Aires, ZEPE Perez Zeledon, etc.

1033
IDC 14 08:14:42.0±2.2, 58.86N±1.23E, h0km, mb3.6/1,
mbtmp3.7/8, ML3.5/7, Error ellipse: s-maj=37.1km
s-min=19.2km az=128.0
LDG 14 08:14:43.2±0.2, 58.71N±1.24E, h2km, MI3.9/29, Error
ellipse: s-maj=4.3km s-min=3.4km az=70.0
NAO 14 08:14:43.2±1.4, 58.72N±1.57E, h1.2±0.9
BGS 14 08:14:46.2±1.0, 58.75N±1.54E, h18km, ML3.3
DNK 14 08:14:47.2±2.2, 58.78N±1.55E, h40km±2km, ML3.3,
Probable volcanic
BER 14 08:14:47.6±1.4, 58.79N±1.55E, h31km±6km, ML2.7,
ML3.3(BGS), Confirmed Earthquake
BGR 14 08:14:48.1±0.7, 58.66N±1.89E, h10km, ML4.4, Error
ellipse: s-maj=13.3km s-min=8.9km az=56.0
UPP 14 08:14:52.7±3.0, 58.68N±2.87E, h0km, ML2.9
ISC 14 08:14:42.7±0.5, 58.82N±0.01±1.73E±0.01, h28km±4km,
n225, ±2875/316, 6D, North Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like KMY Karmoy, STAV Stavanger, LRW Lerwick, BER Bergen, ASK Askoy, BLS5 Blasjo, ODD1 Odda, DRUM Mains of Drum, etc.

Table with columns: DRUM, SUE Sulen, SNART Snartemo, BIGH Upper Bighouse, FOO Floro, HOMB Homborsund, LINV Loch Inver, AS, EDI Edinburgh, INVG Invergeldie, SKAR Skarslia, KPL Plockton, KONO Kongsberg, EKA Eskdalemuir, etc.

Table with columns: PGBU Glenifferbraes, AKN Aaknes, GDN Glaisdale, LAW Loch Awe, LEWI Lewis, MUD Monsted Ugrnd, NEWG New Galloway, OSO Oslo, KESW Keswick, MOL Molde, STRU Stroemstad, DOMB Dombas, HPA Haverah Park, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like NORRAR Array S, NORESS Array S, Vaenersborg, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like HYF Humbligny, GERES Array B, Saint Martin D, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like NNA Nana, ATAH Athalupa, Cruzero do Su, etc.

NEIC 14 08:17:37.471.2.25:9S.0:1x179:1E.0:2.h535km,15km, mb4.3/15, Error ellipse: s-maj=20.8km s-min=19.4km

Code Station Name Az El Op Phase ID Time Res ISC



14d 9h

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

IDC 14 09:59:48.7:1.7, 23:26S:179:12E, h546km, 17km, mb3.3/9, mbmp4.1/11, Error ellipse: s-maj=26.3km s-min=15.5km az=146.0

NEIC 14 08:59:49.2:1.2, 23:1S:0:2:179:3E:0.1, h564km, 15km, mb4.3/20, Error ellipse: s-maj=26.6km s-min=13.6km az=176.0

ISC 14 08:59:48.0:5.23:19S:0:10:179:17E:0.09, h550km, n45, c093/46, mb4.0/20, 3C, South of Fiji Islands

Main table for 14d 9h section, listing various seismic stations and their parameters.

SSNC 14 09:00:20:6:1.1, 18:03N:72:81W, h20km, MD3.2, ML2.6

OSPL 14 09:00:21:3:2.2, 18:34N:72:98W, h20km, qkm, ML2.0

ISC 14 09:00:20:9:2.5, 18:5S:0:1:72:90W:0:08, h8km, 18km, n8, c081/16, Haiti region

Table for 14d 9h section, listing stations like PAPH, LOPE2, PODR, SDDR, GTBY, etc.

2017 SEP

Table for 2017 SEP section, listing stations like GTMO, ZALV, KURBB, MKAR.

IDC 14 09:01:01.4:3.5, 54:17N:87:31E, h0km, mbmp2.7/2, ML2.5/2, Error ellipse: s-maj=31.4km s-min=19.9km az=51.0, Southwestern Siberia

IDC 14 09:02:27.2:2.5, 21:09S:178:78W, h582km, 20km, mb3.5/8, mbmp4.4/10, Error ellipse: s-maj=58.8km s-min=15.3km az=153.0

NEIC 14 09:02:31.9:1.1, 20:3S:0:3:179:3W:0.2, h613km, 12km, mb4.2/56, Error ellipse: s-maj=55.0km s-min=3.9km az=150.0

ISC 14 09:02:29.8:1.1, 20:8S:0:3:179:0W:0.2, h600km, n69, c106/55, mb4.1/34, 1D, Fiji Islands region

Main table for 2017 SEP section, listing various seismic stations and their parameters.

ISC 14 09:00:20:6:1.1, 18:03N:72:81W, h20km, MD3.2, ML2.6

OSPL 14 09:00:21:3:2.2, 18:34N:72:98W, h20km, qkm, ML2.0

ISC 14 09:00:20:9:2.5, 18:5S:0:1:72:90W:0:08, h8km, 18km, n8, c081/16, Haiti region

Table for 2017 SEP section, listing stations like ID10, M29M, CMAR, IMW, BW06, PD31, NDHO, etc.

1036

Table for 1036 section, listing stations like BRTR, MMAL, CLL, GERES, ESCD.

EST 14 09:09:09.7:0.1, 59:24N:27:73E, h0km, ML1.8(HEL), Explosion

LVSN 14 09:09:09.2:4.3, 59:22N:28:06E, h0km, 142km, ML2.4

UPP 14 09:09:13.7:2.4, 59:31N:27:22E, h0km, ML2.0

HEL 14 09:09:09.8:0.3, 59:24N:27:72E, h0km, ML1.9, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Main table for 1036 section, listing various seismic stations and their parameters.



14d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, ISC. Includes stations like CDITO Canoas, CBOC Ciudad Bolivar, EDV3 San Vito, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, ISC. Includes NEIC 14 10:41:24.6, AEIC 14 10:41:24.9, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, ISC. Includes CLCO Cleveland East, CLES Cleveland East, CLES Cleveland East, etc.

TAP 14 11:54:09.1,2313N,12051E,h10km,ML0.9,1C,B

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, ISC. Includes CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, etc.

TRN 14 12:03:12.7,1595N,60.97W,h57km,MD3.8,Leeward

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, ISC. Includes MAGL Barre de l'ile, CBE Ff, Capester, CBE Terre de Bas, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, Time, Res, ISC. Includes TGIG Comitan, TGIG Comitan, TGIG Comitan, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include ULM, YBH, F10A, LPAZ, MDP, SKHO, YCA, YKA, INK, ILAR, RND, EKA, SHEM, ESDC, MDT, NB2, NOA, NOA, HFS, ARCES, FINES, VAE, WRA, ASAR, CMAR.

GCG 14 12:55:49.0-4.0, 13.00N-90.59W, h0km, 14km, MD3.8
SNET 14 12:55:52.7-4.0, 13.10N-90.44W, h20km, ML3.5
ISC 14 12:55:45.5-4.7, 12.82N-92.90S, h0.08, h2km, 28km, n12, a050/17, 1C, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include JAYA, LALI, SNJUE, SLOZ, PCG, FUG, NBG, PAVA, COEC, TECO, SCLA, STG3.

IDC 14 13:11:26.6-1.5, 16.19S-176.43W, h382km, 17km, mb3.4/8,
mbtmp4.2/11, Error ellipse: s-maj=61.0km s-min=12.3km

NOU 14 13:11:26.5-2.0, 16.05S-176.32W, h387km, MLV4.6/9, Fiji Islands Region
NEIC 14 13:11:26.5-2.0, 16.2S-0.2-176.29W-0.0, h39km, 14km,
mb4.3/26, Error ellipse: s-maj=27.0km s-min=3.8km

ISC 14 13:11:25.8-0.6, 16.3S-0.1-176.32W-0.08, h382km, n52,
a1923/53, mb4.2/20, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include FUTU, TAVE, DGTI, AFI, AFI, AFI, MSFV, MSFV, NIUE, MARNC, OUENC, DZM, DZM, KOUNC, KUZ, TOZ, RTZ, BKZ, TCW, EIDS, MLZ, WHZ, ARMA, ARMA, CTAA, CTAA, COEN, TOO, STKA, BBOO, WR0, WB0, W82, WRA, WRA.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include AS31, ASAR, FORT, SIJI, PSAO0, MBWA, MORW, NVAR, TXAR, ILAR, PDAR.

IDC 14 13:17:35.0-1.6, 6.731S-129.26E, h0km, mb4.1/2,
mbttmp4.0/5, ML4.0/3, MS3.6/1, Error ellipse:
s-maj=61.0km s-min=28.4km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include SIJI, WRA, WRA, ASAR, ASAR, STKA, MKAR, KURB0.

IDC 14 13:17:40.8-1.3, 27.17N-63.30E, h0km, mb3.9/15,
mbttmp3.9/16, ML4.4/1, MS3.1/15, Error ellipse:
s-maj=28.0km s-min=19.0km az=149.0
TEH 14 13:17:42.0, 27.29N-63.34E, h10km, 57km, ML3.8
NEIC 14 13:17:43.0-1.8, 27.2N-0.1-63.4E-0.1, h14km, 7km,
mb4.2/15, Error ellipse: s-maj=20.9km s-min=13.0km

OMAN 14 13:17:44.8-1.2, 26.97N-63.41E, h19km, 17km, mb4.6/20,
ms2.7/2, Error ellipse: s-maj=18.1km s-min=2.9km az=61.0
MOS 14 13:17:44.2-1.8, 27.33N-63.31E, h22km, mb4.3/15, Error
ellipse: s-maj=11.6km s-min=6.9km az=82.1
DSN 14 13:17:52.1-2.7, 26.84N-62.79E, h15km, ML3.4/10, Error
ellipse: s-maj=60.9km s-min=16.2km az=143.0

ISC 14 13:17:43.0-0.5, 27.15N-0.05-63.37E-0.05, h10km, n150,
a1894/152, mb4.1/47, MS3.0/13, 7C, Southwestern
Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include SRVN, NGCH, ZHON, KBAM, JASK, WSAR, WSAR, BIDO, BIDO, WBK, WBK, WBK, JLN, SMDO, SMDO, SMDO, IDAH, IDAH, HOQ, HOQ, SHME, SHME, MDH, MDH, MASF, MASF, MSFE, JMDO, JMDO, UOSS, UOSS, UOSS, UOSS, SOHO, SOHO, SOHO, SOHO, SOHO, SOHO, SOHO, HATD, HATD, HATD, ITEG, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO, ASHO.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include HRA, FAQ, FAQ, ALNE, ALNE, ASUD, ASUD, MHTO, TBJM, SBZV, NIL, NIL, NIL, SAKB, GEYT, KUDL, THN, DOK, DHRM, DHRM, SMLA, SMLA, SMLA, SMLA, BTk, BTk, KSH, KSH, KK31, KK31, KKAR, KKAR, PYUN, AAK, AAK, AAK, DANN, PKIN, PKI, GUN, GNI, JERN, ABKAR, ABKAR, ABKAR, ABKAR, AKTO, AKTO, KVAR, MAK2, MAK2, MAZK, MK31, MK31, MK31, MKAR, MKAR, MAAI, EIL, KURB0, KURK, KURK, BVAR, BRVK, BRVK, BRTR, BRTR, BELG, BELG, BELG, DGZ, ELL, ELL, ZAA0, ZAA0, ZALV, ZALV, ZALV, ZALV, ZALV, IDI, CMAR, RDO, RDO, OBN, OBN, MLR, MLR, AKASG, AKASG, AKASG, VOIR.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include SAKB, GEYT, KUDL, THN, DOK, DHRM, DHRM, SMLA, SMLA, SMLA, SMLA, BTk, BTk, KSH, KSH, KK31, KK31, KKAR, KKAR, PYUN, AAK, AAK, AAK, DANN, PKIN, PKI, GUN, GNI, JERN, ABKAR, ABKAR, ABKAR, ABKAR, AKTO, AKTO, KVAR, MAK2, MAK2, MAZK, MK31, MK31, MK31, MKAR, MKAR, MAAI, EIL, KURB0, KURK, KURK, BVAR, BRVK, BRVK, BRTR, BRTR, BELG, BELG, BELG, DGZ, ELL, ELL, ZAA0, ZAA0, ZALV, ZALV, ZALV, ZALV, ZALV, IDI, CMAR, RDO, RDO, OBN, OBN, MLR, MLR, AKASG, AKASG, AKASG, VOIR.

14d 13h

Table with columns for station name, time, and other parameters. Includes stations like BURAR Bucovina Array, BUR08 Bucovina Ar. S, FNA Florina, DRGR DRGR, MNK Minsk, etc.

IDC 14 13:22:01.4:1.1, 17:68N:60:82W, h0km, mb3.7/6, mbmp3.8/8, ML3.8/2, MS3.2/3, Error ellipse: s-maj=27.6km s-min=20.1km az=58.0

TRN 14 13:22:05.4, 17:59N:60:85W, h42km, MD4.3 IDC 14 13:22:03.4:2.1, 17:61N:0:06.60:82W:0.07, h1km2=12km, n45, c1504/57, mb3.7/6, Leeward Islands

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and other parameters. Includes stations like ANBD Bethesda, ANBD Antigua, etc.

Table with columns for SVB Belmont, SVB Belmont, SJG San Juan, SJG San Juan, GRW Mount Saint Ca, AOPR Arco Observatory, etc.

ISK 14 13:23:26.8, 37:10N:28:66E, h5km, ML2.3/18 DDA 14 13:23:27.4:0.0, 37:09N:28:65E, h7km, ML2.1 THE 14 13:23:27.2, 37:15N:28:68E, h0km, ML2.0/1, Error ellipse: s-maj=10.0km s-min=10.4km az=48.0

Table with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, and other parameters. Includes stations like DALY Dalyan (Mula), DALY Dalyan, YER Yerkelik, etc.

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Table with columns for station name, time, and other parameters. Includes stations like KSMZ Dodoma, Tanzania, DODOT Dodoma, Zomba, Lusaka, etc.

Table with station names like QSPA, SONGARO, TXAR, NVAR and their associated frequencies and technical details.

EAUF 14 13:51:09.3, 25.98SR=29.72E, h10km, MC3.6
BUL 14 13:51:10.8, 1.3, 25.89SR=29.53E, h10km, MD3.9
ISC 14 13:51:07.1, 6.26, 0.01, 29.7E, 0.1, h10km, n8,
a256/12, South Africa

Table with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MOPA, MUSN, BOSA, KRI.

IDC 14 14:14:07.7-1.1, 17.70N-60.76W, h0km, mb3.77,
mbmp3.77, MS3.2/4, Error ellipse: s-maj=33.1km
s-min=21.2km az=61.0
NEIC 14 14:14:07.8-1.9, 17.70N:0.1:60.6W:0.2, h12km, 13km,
mb3.8/1, Error ellipse: s-maj=29.2km s-min=9.9km
az=60.0

TRN 14 14:14:09.8, 17.70N:60.90W, h60km, MD4.2
ISC 14 14:14:08.3-3.7, 17.64N:0.05:60.79W:0.08, h6km, 23km,
n53, +196/64, mb3.8/6, MS3.1/3, 11, Leeward Islands

Main table listing stations from ANBD to BOAV with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from TEIG to ILAR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

IDC 14 14:33:35.7-1.3, 15.20N:95.01W, h0km, mb3.9/7,
mbmp3.9/9, ML3.7/2, MS3.5/22, Error ellipse:
s-maj=32.7km s-min=21.6km az=33.0
MEX 14 14:33:38.5-0.6, 14.97N:95.29W, h16km, 19km, MD3.8
NEIC 14 14:33:40.5-2.9, 15.31N:0.07:95.04W:0.04, h25km, 7km,
mb4.4/123, MD3.8/7(MEX), Error ellipse: s-maj=10.5km
s-min=5.0km az=166.0

Table listing stations from Code to PCIG with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PCIG to TEIG with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from MATN to SOCE with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from TXAR to TX31 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from TX32 to TX33 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from OZNA to WHTX with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ALPN to FW16 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from SGCY to FW07 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ABTX to FW06 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PECO to FW03 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ODSA to SNO1 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from APMT to WFTFS with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from CLNB to DKSNS with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from X37A to X34A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from WMON to CSTR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from OK029 to OK033 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from QUOK to LCAR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ELIS to OK048 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from HELC to ANMO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from OTAV to PULU with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ROSC to PRAC with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from R40A to T25A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from X18A to RUSC with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from SDV to WUAZ with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from MVCO to N38A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV13 to PV02 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV05 to PV03 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV12 to PV11 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV16 to SMCO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV04 to PFO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from L42A to JFWS with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PRN to RWWY with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PSUT to I40A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from I42A to PDAR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PCRV to NV11 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from MDPB to NVAR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ELK to ID07 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from IMW to TAEO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from OTAV to PULU with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ROSC to PRAC with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from R40A to T25A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from X18A to RUSC with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from SDV to WUAZ with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from MVCO to N38A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV13 to PV02 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV05 to PV03 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV12 to PV11 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV16 to SMCO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PV04 to PFO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from L42A to JFWS with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PRN to RWWY with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PSUT to I40A with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from I42A to PDAR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from PCRV to NV11 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from MDPB to NVAR with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from ELK to ID07 with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

Table listing stations from IMW to TAEO with columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, ISC.

14d 15h

Table with columns: Call sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like INK, RES, ILAR, RND, PPT2, etc.

NEIC 14 14:36:45.2-2.2, 15.16N-02.08-93.69W-0.06, h51km, 14km, mb4.2/32, MD3.9/10(MEX), Error ellipse: s-maj=11.5km s-min=7.5km az=156.0

MEX 14 14:36:47.0-0.6, 15.15N-93.75W, h25km, 999km, MD3.9 IDC 14 14:36:51.3-3.7, 15.52N-93.37W, h90km, 34km, mb3.6/6, mbmp3.9/8, MS3.2/6, Error ellipse: s-maj=33.4km s-min=27.7km az=35.0

ISC 14 14:36:46.1-0.9, 15.22N-0.08-93.71W-0.04, h57km, n58, r151/64, mb4.1/12, MS3.2/6, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PCIG, TGIG, HUIG, etc.

2017 SEP

Table with columns: Call sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like NVAR, NNA, MOOW, etc.

RHSSO 14 14:39:57.6-0.8, 41.03N-19.38E, h9km, 2km, ML3.0/8 TIR 14 14:39:57.4-0.2, 41.16N-19.88E, h6km, 3km, Md2.9, ML3.0

Code Station Name Azimuth Elevation Phase ID Time Res ISC

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

1045

Table with columns: Call sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like IVA, JAN, JAN, etc.

THL Klokotos Trika 2.38 131 P Pn 14 40 36.2 +0.3

THL Tsoukalades, L 2.44 162 P Pn 14 40 37.5 +0.5

THL Tsoukalades, L 2.44 162 P Pn 14 40 37.3 +0.6

THL IVAS Vnanjica 2.45 8 ePn Pn 14 40 37.3 +0.4

THL LK2D Lefkada island 2.47 162 P Pn 14 40 37.5 +0.4

THL LK2D Lefkada island 2.47 162 P Pn 14 40 37.5 +0.4

THL RUDD Ruudo 2.46 355 ePn Sd 14 40 39.1 +1.8

THL NYDR Nydri-Lefkada 2.55 162 P Pn 14 40 38.1 +0.1

THL DRAG Dragano-Lefkad 2.55 164 P Pn 14 40 38.2 -0.1

THL EVGI Evgi Lefkada island 2.63 163 P Pn 14 40 39.4 +0.1

THL HORT Horiatis 2.64 101 ePn Pn 14 40 39.5 -0.1

THL HORT Horiatis 2.64 101 ePn Pn 14 40 39.5 +0.1

THL BBL5 Lazii#263;i 2.73 356 ePn Pn 14 40 42.0 +1.3

THL BBL5 Lazii#263;i 2.73 356 ePn Sd 14 40 43.9 -1.9

THL BBL5 Lazii#263;i 2.73 356 ePn Sd 14 41 17.5 -1.7

THL FSK Fiskardo 2.77 166 P Pn 14 40 40.7 -0.5

THL SOH Sokhos 2.79 95 P Pn 14 40 42.3 +0.7

THL MAKR Makrakomi, Fth 2.84 138 P Sd 14 41 16.9 +0.4

THL MAKR Makrakomi, Fth 2.84 138 P Sd 14 41 16.8 +0.4

THL GRUS Grusa 2.85 15 ePn Pn 14 40 43.1 +0.8

THL PVO Paravola 2.90 150 P Pn 14 40 43.2 +0.2

THL BOVS Bovon 2.90 30 ePn Pn 14 40 43.1 +0.1

THL MAGA Makarska 2.92 318 ePn Pn 14 40 43.5 +0.3

THL AGGS Agios Georgios 2.93 135 P Sd 14 40 45.0 +1.5

THL AGGS Agios Georgios 2.93 135 P Pn 14 40 44.4 +0.9

THL SRS Serrai 2.95 89 P Pn 14 40 44.2 +0.5

THL SRS Serrai 2.95 89 ePn Pn 14 41 19.9 +0.8

THL SRS Serrai 2.95 89 ePn Sd 14 40 44.4 -0.7

THL SRS Serrai 2.95 89 ePn Sd 14 41 17.7 -1.2

THL DMLN Damouliana-K 2.95 170 P Pn 14 40 43.2 -0.5

THL DIVS Divibare 2.96 4 ePn Pn 14 40 43.8 -0.1

THL DIVS Divibare 2.96 4 ePn Sd 14 40 47.3 -2.5

THL DIVS Divibare 2.96 4 ePn Sd 14 41 12.0 -2.7

THL KEF3 Kipouria, Keph 2.98 170 P Pn 14 40 44.4 -0.8

THL RIC1 Ricice 3.02 322 ePn Pn 14 40 43.7 0.0

THL ZPS Valsamata 3.05 167 P Pn 14 40 44.5 -0.5

THL ZPS Vajoz 3.05 45 ePn Pn 14 40 46.3 +1.2

THL ZPS Vajoz 3.05 45 ePn Sd 14 40 46.3 +1.5

THL ANX An Chora 3.07 145 P Pn 14 40 46.0 +0.5

THL PSDA Passada-Kefalo 3.11 167 P Pn 14 40 45.4 -0.4

THL HVAR Hvar 3.15 311 ePn Pn 14 40 45.5 -1.0

THL XOR Xorichti 3.22 122 P Pn 14 40 47.7 +0.3

THL XOR Xorichti 3.22 122 P Pn 14 40 47.6 +0.3

THL ZAGS Zajecar 3.25 34 ePn Pn 14 40 48.2 +0.4

THL LAKA Lakka 3.40 148 P Pn 14 40 51.1 +1.2

THL KLV Kalavryta, Ach 3.63 148 P Pn 14 40 54.4 +1.2

THL KLV Kalavryta, Ach 3.63 148 P Pn 14 40 53.1 -0.1

THL KJV Kijevo 3.75 321 ePn Pn 14 40 55.3 +0.6

THL MORI Morici 4.01 314 ePn Pn 14 40 59.0 +1.1

THL DUGI Dugi Otok 4.45 311 ePn Pn 14 41 18.1 +1.9

THL VIRV Viriv 4.64 314 ePn Pn 14 41 07.8 0.8

THL PLIT Plitvice 4.78 323 ePn Pn 14 41 09.8 +1.0

THL NVLJ Novajia 4.92 316 ePn Pn 14 41 11.6 +0.9

THL BOJS Bojanc 5.43 325 ePn Pn 14 41 17.3 -0.4

THL BOJS Bojanc 5.43 325 ePn Sd 14 42 18.1 +1.9

THL CEY Cerknica 5.98 322 ePn Pn 14 41 25.2 -0.2

THL CEY Cerknica 5.98 322 ePn Sd 14 42 30.5 -3.1

OTT 14 15:36:06.9-1.3, 60.49N-58.06W, h18km, ML3.5/3, 373km east from Killiniq, Qc LaibertaRADOR Sea Seismic Zone.

ISC 14 15:36:04.5-1.0, 60.35N-0.09-58.18W-0.08, h10km, n9, r592/15, Davis Strait

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

IDC 14 15:49:46.2-2.2, 6.19S-127.65E, h0km, mb4.6/1, mbmp3.5/3, ML2.7/2, Error ellipse: s-maj=308.2km s-min=29.8km az=66.0, Banda Sea

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

DJA 14 15:52:22.1-1.1, 6.5S-147.1E, h1km, 7km, M4.9/19, mb5.1/6, mb4.9/19, MLV5.3/1, Mw(mb)4.4/6

NEIC 14 15:52:23.5-1.5, 6.02S-10.07E, h15E-0.08, h63km, 7km, mb4.5/41, Error ellipse: s-maj=11.3km s-min=10.2km az=107.0

IDC 14 15:52:23.1-1.9, 5.94S-147.17E, h59km, 18km, mb4.0/13, mbmp4.4/19, MS3.6/30, Error ellipse: s-maj=19.4km s-min=13.0km az=93.0

ISC 14 15:52:24.0-4.0, 6.12S-0.05-147.18E-0.06, h78km, n128, r173/109, mb4.5/35, Eastern New Guinea region

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

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like Port Moresby, Manu, Keravat, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like GSI, USRK, RAR, CM31, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like NIKH, ISLZ, RAR, etc.

14d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like INU Inuyama, JH2 Mitsune, and various repeaters.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and other parameters. Includes stations like MEX 14 17:08:06, MLI Malad Range, and various repeaters.

UUS 14 17:26:39.5:0.5, 42.588N:010:111.437W:0.007, h8km,4km, Error ellipse: s-maj=1.5km s-min=0.7km az=157.0

NEIC 14 17:26:39.1+0.6, 42.529N:010:111.436W:0.007, h8km,5km, ML3.2/109, ML3.3/14(UUS), Error ellipse: s-maj=1.6km s-min=0.5km az=204.0, Eastern Idaho

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and other parameters. Includes stations like ID06 Fossil Canyon, ID06 55um,0.2s, and various repeaters.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BMUT Black Mountain, MLI Malad Range, and various repeaters.

NEIC 14 17:08:05.7:2.4, 15.7N:01:1:94.33W:0.04, h66km,25km, mb4.1/37, Error ellipse: s-maj=20.7km s-min=3.1km az=195.0

IDC 14 17:28:43.3:1.0, 57.81S:25:75W, h0km, mb4.1/3, mbmp4.1/4, ML4.1/1, Error ellipse: s-maj=47.1km

s-min=32.7km az=57.0  
NEIC 14 17:28:51.6, 1.8, 58:1S:0:2:26:1W:0.0, h1km, 3km,  
mb4.3/8, Error ellipse: s-maj=28.1km s-min=12.4km  
az=219.0

ISC 14 17:28:51.6, 0.6, 58:1S:0:1:26:0W:0.1, h64km, n35,  
#1544/39, mb4.1/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data for the 1045 event.

NEIC 14 17:32:17.7, 1.3, 37:42N:0:05:121:81W:0.0, h11km, 3km,  
Error ellipse: s-maj=8.4km s-min=4.5km az=222.0

NEIC 14 17:32:17.3, 37:41N:121:81W, h2km, Moment Tensor  
Solution. Moment tensor: Scale 1014Nm; Mrr:0.3;  
Mss:0.91; Mss:0.61; Mss:0.23; Mss:0.37; Mss:0.47; Fault  
plane solution: M1: 0.0000°/1014° NP1: 35:22:000°/67.64000°;  
144.50000°. NP2: 61.45220°/85.44000°;  
1.15000°. Principal axes: T 0.9684; P 1.32400°/42.75000°;  
Az=27.000°; 0.1119; P1g5:0.000°; Alg126.000°;  
1.0803; P1g14.000°; Az=16.000°

NEIC 14 17:32:17.3, 37:41N:121:81W, h0km  
NCEDC 14 17:32:17.3, 37:41N:121:81W:0.08, h0km, 7km,  
Mwr3.3/4, ML3.2/76(NEIC), Error ellipse: s-maj=9.9km  
s-min=5.9km az=59.0, Central California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data for the 1045 event.

Table with columns: Pg, Pp, Pn, P, PcP, PKP, PKPb, PKPbc, PKPcb, PKPcbp, PKPcbpbc, PKPcbpbc, PKPcbpbc, PKPcbpbc. Lists various seismic phases and their associated data for the 1045 event.

Table with columns: WCT, comp=N, 28nm, 1.6s, IAML, 17 34 37.6. Lists various seismic stations and their associated data for the 1045 event.

IDC 14 17:32:20.8, 0.4, 9:4S:153:13E, h0km, mb3.9/11,  
mbmp3.9/13, ML2.8/2, MS4.6/11, Error ellipse:  
s-maj=21.3km s-min=17.6km az=72.0  
NEIC 14 17:32:25.9, 2.3, 5:09S:0:09:153:04E:0.09, h35km, 2km,  
mb4.3/8, Error ellipse: s-maj=16.7km s-min=12.0km  
az=45.0

ISC 14 17:32:26.0, 0.6, 5:12S:0:06:152:95E:0.09, h43km, n34,  
#1524/32, mb3.9/15, MS4.7/11, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data for the 1045 event.







14d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JMBI, SBJI, ZAK, INKA, WRKA, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AFI, WOLH, GAMB, CAN, S12K, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like G15K, VLK, DANN, P16K, F15K, etc.





ODZ	Otahua Downs	67.38	161	P	P	17 52 04.1 +0.3
H29M	Whitestone	67.41	25	P	P	17 52 04.3 +0.4
H29M	baz=265			S	S	18 00 45.9 +1.2
HYT	Haines Junction	67.47	31	I	Amb	17 52 07.5
HYT	comp=Z,116nm,1.1s					
HYT	Haines Junction	67.47	31	P	P	17 52 06.2 +1.8
HYT	baz=268,SNR=71			S	S	18 00 48.0 +2.2
CHM	Chimikent	67.48	309	eP	P	17 52 05.3 +0.6
CHM	baz=309			P	P	17 52 05.3 +0.6
D28M	Stokes Point	67.59	22	P	P	17 52 05.8 +0.9
D28M	baz=263			S	S	18 00 47.7 +1.1
K29M	Barlow Dome	67.60	28	I	Amb	17 53 18.6
K29M	comp=Z,67nm,1.1s			P	P	17 52 06.2 +1.0
K29M	Barlow Dome	67.60	28	P	P	18 00 49.8 +2.5
K29M	baz=267,SNR=36			S	S	18 00 49.8 +2.5
G29M	Pine Creek	67.61	24	I	Amb	17 53 08.6
G29M	comp=Z,53nm,0.9s			P	P	17 52 06.0 +0.9
G29M	Pine Creek	67.61	24	P	P	18 00 48.7 +1.6
G29M	baz=265,SNR=18			S	S	18 00 48.7 +1.6
N30M	Aishikik Lake	67.69	30	I	Amb	17 52 08.7
N30M	comp=Z,11m,1.1s			P	P	17 52 07.2 +1.5
N30M	Aishikik Lake	67.69	30	P	P	18 00 49.6 +1.3
N30M	baz=268			S	S	18 00 49.6 +1.3
P30M	Million Dollar	67.72	32	P	P	17 52 07.8 +1.9
P30M	baz=269			S	S	18 00 50.5 +1.8
E29M	Blow River	67.80	23	P	P	17 52 07.1 +0.9
E29M	baz=264,SNR=12			S	S	18 00 50.4 +1.2
TUZ	Tuapeka	67.90	162	P	P	17 52 07.0 0.0
S31K	Pelican	68.08	34	I	Amb	17 52 07.1
S31K	comp=Z,119nm,1.3s			P	P	17 52 09.2 +1.2
S31K	Pelican	68.08	34	P	P	18 00 55.6 +2.9
S31K	baz=270			S	S	18 00 55.6 +2.9
EPYK	Eagle Plains	68.09	25	I	Amb	17 52 08.5 +0.4
EPYK	comp=Z,70nm,1.1s			P	P	17 52 08.5 +0.4
EPYK	Eagle Plains	68.09	25	P	P	17 52 10.0 +1.3
J30M	Hart River	68.16	27	P	P	18 00 55.3 +1.4
J30M	baz=267			S	S	18 00 55.3 +1.4
O30N	Mendenhall	68.16	31	P	P	17 52 10.1 +1.4
O30N	baz=269,SNR=23			S	S	18 00 55.5 +1.6
I30M	Mount Dempster	68.17	26	P	P	17 52 08.5 -0.2
I30M	baz=269			S	S	18 00 54.9 +0.9
MAYO	Scrubby Hill	68.29	163	P	P	17 52 10.5 +1.1
MAYO	Mayo, Yukon	68.31	28	P	P	17 52 11.0 +1.5
MAYO	baz=268			S	S	18 00 57.8 +2.3
SI MJ	Simiganj	68.32	305	P	P	17 52 10.7 +0.5
SI MJ	baz=268			pP	pP	17 52 53.5 +1.6
N31M	Braeburn, Yuko	68.32	30	I	Amb	17 52 11.0 +1.4
N31M	comp=Z,69nm,0.9s			P	P	17 52 11.0 +1.4
N31M	Braeburn, Yuko	68.32	30	P	P	18 00 59.2 +3.5
N31M	baz=269,SNR=9.8			S	S	18 00 59.2 +3.5
G30M	Aoah Zraii Nji	68.33	24	I	Amb	17 53 18.2
G30M	comp=Z,105nm,1.3s			P	P	17 52 09.7 +0.1
G30M	Aoah Zraii Nji	68.33	24	P	P	18 00 55.4 -0.2
G30M	baz=267,SNR=18			S	S	18 01 01.5 +3.3
R31K	City Hall, Gus	68.33	34	P	P	17 52 10.4 +0.7
R31K	baz=267			S	S	18 00 59.5 +3.7
F30M	Barrier River	68.53	24	P	P	17 52 11.2 +0.4
F30M	baz=267,SNR=14			S	S	18 00 58.8 +0.8
SKAG	Skagway	68.54	33	I	Amb	17 52 58.3
SKAG	comp=Z,112nm,1.5s			P	P	17 52 13.0 +2.1
SKAG	Skagway	68.54	33	P	P	17 52 12.5 +1.5
SKAG	baz=270,SNR=8.0			S	S	18 01 01.5 +3.3
SIT	Sitka	68.58	35	P	P	17 52 12.2 +1.0
SIT	baz=271			S	S	18 01 02.9 +4.1
WHY	Whitehorse	68.76	31	I	Amb	17 52 15.3
WHY	comp=Z,78nm,1.2s			P	P	17 52 13.9 +1.5
WHY	Whitehorse	68.76	31	P	P	18 01 04.9 +3.8
WHY	baz=270,SNR=25			S	S	18 01 04.9 +3.8
KBL	Kabul	68.85	301	P	P	17 52 13.7 +0.1
KBL	comp=Z,94nm,1.0s			I	Amb	17 53 02.6
KBL	Kabul	68.85	301	P	P	17 52 14.7 +1.0
KBL	SNR=29			P	P	17 52 13.7 +0.1
S32K	Killino	68.97	35	I	Amb	17 53 16.2
S32K	comp=Z,68nm,1.2s			P	P	17 52 14.8 +1.2
S32K	Killino	68.97	35	P	P	18 01 06.4 +3.0
S32K	baz=272,SNR=14			S	S	17 52 15.3 +1.5
R32K	Eaglecrest	68.98	34	P	P	18 01 07.8 +4.3
R32K	baz=272,SNR=21			S	S	17 52 15.1 +1.4
M31M	Drury Creek, Y	68.98	30	P	P	17 53 22.7
M31M	comp=Z,59nm,0.9s			I	Amb	17 52 14.7 +0.7
M31M	Drury Creek, Y	68.98	30	P	P	18 01 04.4 +0.4
M31M	baz=269,SNR=22			S	S	17 52 15.1 +0.9
G31M	Satah River	69.09	25	P	P	18 01 03.3 -1.1
G31M	baz=268			S	S	18 01 05.6 -1.4
F31M	Tsightchic	69.31	24	P	P	17 52 17.0 +0.9
F31M	baz=269,SNR=5.2			S	S	18 01 10.4 +2.4
P32M	Atlin	69.36	32	P	P	17 52 16.3 +0.1
P32M	comp=Z,272,SNR=16			S	S	17 52 16.2 -1.9
INK	Inuvik	69.41	23	P	P	17 52 17.8 +1.0
INK	baz=269,SNR=10			S	S	18 01 11.1 +1.9
FARO	Faro, Yukon	69.47	30	P	P	17 53 06.6
FARO	baz=271,SNR=13			S	S	17 52 18.2 +0.5
N32M	Quiet Lake	69.63	31	I	Amb	17 53 06.6
N32M	comp=Z,85nm,1.1s			P	P	18 01 12.3 +1.2
N32M	Quiet Lake	69.63	31	P	P	17 52 19.9 +1.1
N32M	baz=272			S	S	18 01 13.9 +0.8
P33M	Teslin, Yukon	69.79	32	P	P	17 53 08.0
P33M	baz=272,SNR=24			S	S	17 53 06.7 +0.3
U33K	Whale Pass	69.84	36	I	Amb	17 52 19.6 +0.6

U33K	Whale Pass	69.84	36	P	P	17 52 19.6 +0.6
U33K	comp=Z,72nm,1.1s			S	S	18 01 16.2 +2.7
U33K	Whale Pass	69.84	36	P	P	17 52 20.3 +1.1
U33K	baz=274,SNR=7.9			S	S	18 01 16.7 +2.7
CRAG	Craig	69.88	37	P	P	17 52 20.2 +0.9
CRAG	baz=274			S	S	17 53 10.5
T33K	Petersburg	69.89	35	P	P	17 52 20.2 +0.9
T33K	baz=273			S	S	17 52 22.6 +1.7
Q32M	Nakina River	70.13	33	I	Amb	17 52 22.6 +1.7
Q32M	comp=Z,124nm,1.6s			P	P	18 01 20.8 +3.4
Q32M	Nakina River	70.13	33	P	P	17 52 23.9 +1.0
Q32M	baz=273,SNR=13			S	S	17 53 05.8 +0.9
BHUU	Bhu	70.37	289	eP	pP	17 52 23.7 +1.1
BHUU	comp=Z,100nm,1.1s			pP	pP	18 01 21.9 +1.5
MMPY	Sheldon Lake	70.43	29	P	P	17 52 21.9 +1.5
MMPY	baz=273,SNR=20			S	S	17 52 24.1 -0.4
H02S1	DAWSON INLET T	70.44	39	P	P	18 01 21.9 +1.5
H02S1	SNR=13			T	T	17 52 20.3 -0.9
V35K	Ketchikan	70.75	37	P	P	19 09 54.7
V35K	baz=275			S	S	17 52 24.1 -0.4
R33M	Jennings River	70.77	33	I	Amb	18 01 25.6 +1.5
R33M	comp=Z,101nm,1.9s			I	Amb	17 53 29.9
R33M	Jennings River	70.77	33	P	P	17 52 26.4 +1.7
R33M	baz=274,SNR=29			S	S	18 01 27.6 +3.0
S34M	Telegraph Cree	70.80	34	I	Amb	17 53 14.2
S34M	comp=Z,60nm,1.1s			P	P	17 52 26.1 +1.3
S34M	Telegraph Cree	70.80	34	P	P	18 01 25.7 +1.0
S34M	baz=274,SNR=25			S	S	17 52 28.9
CTZ	Chatham Island	71.08	152	I	Amb	17 52 28.9
CTZ	comp=Z,102nm,1.3s			P	P	17 52 28.4 +1.8
DLBC	Dease Lake	71.08	152	P	P	17 53 15.7
DLBC	comp=Z,100nm,1.2s			P	P	17 52 29.4 +1.2
DLBC	Dease Lake	71.33	34	P	P	18 01 32.8 +1.8
DLBC	baz=275,SNR=46			S	S	17 53 15.8
T35M	Bob Quinn	71.36	35	I	Amb	17 53 15.8
T35M	comp=Z,69nm,1.1s			P	P	17 52 29.8 +1.6
T35M	Bob Quinn	71.36	35	P	P	18 01 34.3 +3.1
T35M	baz=276,SNR=26			S	S	17 53 16.9
RUBB	Prince Rupert	71.63	38	I	Amb	17 53 16.9
RUBB	comp=Z,75nm,1.1s			P	P	17 52 32.2 +1.3
WTLY	Watson Lake, Y	71.80	32	P	P	17 52 32.2 +1.3
WTLY	baz=276			S	S	17 52 31.3 +0.1
SVE	Sverdiolvsk	71.87	325	eP	S	18 01 34.8 -2.2
SVE	comp=Z,77nm,1.5s			eS	pmax	
SVE	Sverdiolvsk	71.87	325	eP	S	17 52 32.7 +1.1
TGTN	Hyland Airport	71.91	30	P	P	18 01 38.4 +0.9
TGTN	comp=Z,75nm,1.1s			S	S	17 52 37.5
TGTN	Hyland Airport	71.91	30	P	P	17 52 37.5
TGTN	baz=276			S	S	17 52 32.9 +0.5
A36M	Sachs Harbour	72.11	19	I	Amb	17 52 32.9 +0.5
A36M	comp=Z,58nm,0.9s			P	P	18 01 38.5 -0.8
A36M	Sachs Harbour	72.11	19	P	P	17 52 37.5 +1.1
A36M	baz=275			S	S	18 01 44.1 -2.8
C36M	Paulatuk	72.79	22	P	P	17 52 37.9 -0.4
C36M	comp=Z,138nm,1.5s			S	S	17 52 40.6 +1.2
ARU	Arti	73.06	325	P	P	17 52 37.7 -0.6
ARU	comp=Z,62nm,0.9s			I	Amb	17 52 49.1
ARU	Arti	73.06	325	eP	P	18 01 54.5 +2.6
ARU	baz=277			S	S	18 02 57.5 -6.6
ARU	Arti	73.06	325	eP	P	18 06 35.4 +0.6
ARU	comp=Z,88nm,1.0s			S	S	
ARU	Arti	73.06	325	eP	P	
ARU	comp=Z,433nm,24.0s			MLR	MLR	
PPT2	Papeete2	73.15	116	eP	pP	17 52 30.5 -9.0
PPT2	comp=Z,223nm,16.2s			eP	pP	17 53 09.8 -12
PPT2	Papeete2	73.15	116	eP	pP	18 01 42.9 -10

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like NAZ, WAKR, YERR, HAMF, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LPSR, DMT0, TPNV, R11B, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like FAUS, FINES, SWSC, BC3, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like MNK, K22A, W18A, X18A, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like AGMN, SFJD, SUSD, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like M53A, O53A, TZTN, etc.









Table with 4 columns: Code, Station Name, Phase ID, Time Res. Includes rows for WUAZ Wupatki, PV03 Paradox Valley, PV07 Paradox Valley, etc.

NEIC 14 21:13:09.5-0.5, 37.375N-144W, h5km, 1km, mb\_Lg2.8/M, ML3.2/4, Error ellipse: s-maj=3.1km s-min=2.8km az=44.0

ANF 14 21:13:10.2-0.4, 37.39N-98.19W, h10km, ML3.5/13, Error ellipse: s-maj=6.7km s-min=4.5km az=49.0

ISC 14 21:13:09.6-1.0, 37.37N-0.03-98.16W, h0.03, h8km, 9km, n7.5, -0.64/54, Kansas

Table with 6 columns: Code, Station Name, Phase ID, Time Res. Includes rows for KAN12 Harper NE Stat, KAN12 Anthony NE Sta, KAN10 Anthony SW Sta, etc.

Main table with 6 columns: Code, Station Name, Phase ID, Time Res. Includes rows for OK051 E0350 and S346, T35A Sooner Cattle, T35B Sooner Cattle, etc.

NEIC 14 21:15:53.5-1.6, 18.97N-0.05-67.76W, h10km, 1km, ML2.9/20, Md3.0/13(RSPR), Error ellipse: s-maj=11.7km s-min=3.7km az=224.0

RSPR 14 21:15:54.8, 18.96N-67.86W, h5km, 31km, MD3.0/13 SDD 14 21:15:54.6-1.7, 18.98N-67.69W, h10km, 110km, MD3.7, ML2.8

OSPL 14 21:15:55.2-1.6, 19.17N-67.51W, h0km, 83km, ML2.7 ISC 14 21:15:53.8-1.5, 19.00N-0.06-67.69W, h4km, 101km, n5.6, +0.10/171, 12C-6D, Mona Passage

Table with 6 columns: Code, Station Name, Phase ID, Time Res. Includes rows for IDE Isla Deseccho, AGPR Aguaquilla, AGPR Aguaquilla, etc.

Table with 6 columns: Code, Station Name, Phase ID, Time Res. Includes rows for MIDR Isla Saona, SADR Isla Saona, OBIP Obispo Ponce, etc.

NEIC 14 21:26:06.7-2.7, 12.93S-0.04-122.17E, h0.07, h10km, 1km, mb4.4/12, Error ellipse: s-maj=11.9km s-min=5.3km az=115.0

IDC 14 21:26:07.0-0.8, 12.87S, 122.22E, h0km, mb3.9/9, mbmp4.0/12, ML4.5/4, MS3.1/7, Error ellipse: s-maj=30.1km s-min=17.3km az=76.0

ISC 14 21:26:09.4-0.5, 13.04S-0.04-122.23E, h0.05, h35km, n102, -2.857/104, mb3.9/10, MS3.2/4, Northwest Australia

Table with 6 columns: Code, Station Name, Phase ID, Time Res. Includes rows for BATI Baunata, BASI Basi, SOEI Soe, etc.

14d 22h

Table of astronomical observations for 14d 22h, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes sub-sections for ZUR 14 21:39:43.4, 46:49N:71:0E, and ZUR 14 21:40:25.1.

2017 SEP

mb4.1/5, Error ellipse: s-maj=13.0km s-min=2.2km az=149.0

Main table of astronomical observations for 2017 SEP, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes sub-sections for ISC 14 21:58:11.9, 13:722S:0:06:129:22E:0:06, h150km, n32, and ISLANDS REGION.

1058

Table of astronomical observations for 1058, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes sub-sections for CTAO Charters Tower, ARMA Armidale, and various other stations.



14d 22h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Tana Glacier, Reindeer, and various mountain peaks.

2017 SEP

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like PAHR, PMD, P29M, and various mountain peaks.

1060

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like TPH, GMRC, TUQ, E20K, and various mountain peaks.

Table with columns: ID, Name, Az, El, P, Max, Az, El, P, Max. Includes stations like B22K Teshekpuk Lake, FARO Faro, Yukon, E25K Arctic Village, etc.

Table with columns: SNA, Sname, Az, El, P, Max, Az, El, P, Max. Includes stations like SNA Snae, SNA Snae, SNA Snae, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Az, El, P, Max. Includes stations like SFQB San Francisco, SRIG Santa Rosalia, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Az, El, P, Max. Includes stations like MKZ Mys Kozlova, MKZ Mys Kozlova, TUMD Tumrok, etc.

Table with columns: KIR, Kname, Az, El, P, Max, Az, El, P, Max. Includes stations like KIR Kirishev, KIR Kirishev, KIR Kirishev, etc.

14d 23h

Table listing stations (NB2, NOA, HFS, AKASG, etc.), station names (NORSAR Subarra, NORSAR Array B, etc.), and associated parameters like time, resonance, and phase ID.

IDC 14 22:29:53.2, 9.7, 14.85N:92.25W, h0km, mb3.6/2, mbtmp3.7/3, ML4.0/1, MS3.2/5, Error ellipse: s-maj=286.0km s-min=116.3km az=36.0

NEIC 14 22:30:05.2, 4, 15.14N:0.06:93.32W:0.07, h35km,2km, mb4.1/26, Md4.2/20(MEX), Error ellipse: s-maj=12.5km s-min=9.8km az=246.0

MEX 14 22:30:07.0, 0.7, 15.08N:93.29W, h68km,21km, MD4.2 GC/G 14 22:30:07.1, 15.12N:93.05W, h88km,22km, MD4.3

ISC 14 22:30:06.3, 1.0, 15.15N:0.06:93.31W:0.05, h68km,9km, n73, c135/76, mb3.9/4, Near coast of Chiapas

Main table listing station codes (PCIG, PATR, PAVE, etc.), station names (El Naranjo, Pavencul, Union Juarez, etc.), and detailed parameters including time, resonance, and phase ID.

2017 SEP

Summary table for September 2017, listing station names (S39A, Bolivar, SDV, etc.), station codes, and time/resonance values.

IDC 14 23:06:48.0, 0.5, 15.46S:173.30W, h0km, mb4.3/9, mbtmp4.3/9, MS3.8/38, Error ellipse: s-maj=44.8km s-min=20.3km az=144.0

NEIC 14 23:06:50.2, 5, 15.34S:0.04:172.74W:0.07, h10km,1km, mb4.7/40, Error ellipse: s-maj=11.8km s-min=7.5km az=99.0

ISC 14 23:06:49.3, 0.4, 15.40S:0.05:172.71W:0.06, h10km, n126, c174/68, mb4.6/27, MS3.9/33, 3C-2D, Samoa Islands region

Main table for September 2017, listing station codes (AFI, NIUE, MSVF, etc.), station names (Afiamaulu, Niue, Nonsavu, etc.), and detailed parameters including time, resonance, and phase ID.

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Table listing station codes (USRK, HLAR, TXAR, etc.), station names (Ussuriysk Arr, Lajitas Array, etc.), and associated parameters like time, resonance, and phase ID.

HEL 14 23:15:44.6, 0.2, 67.76N:20.19E, h0km, ML1.5, Suspected explosion, Sweden

Table listing station codes (LANU, LANU, KIF, etc.), station names (Lannavaara, Kijipjarvi, etc.), and associated parameters like time, resonance, and phase ID.





15d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAL CERRO ARCO, RTLS Leoncito, DOCA Reserva Natura Agrelo, AVZ Vazcacheras, AROD Rodeo, VA03 San Esteban, CO01 Juntas del Tor, CO03 El Pedregal, PEL Peidehue, MT03 Universidad Ad, VCA Vinchina, CO02 Combarbal, MT05 Renca, ROC1 El Roble, BO04 La Punta, MT02 Talagante, MT01 Popeta, CO05 La Serena, AC05 El Transito, VA05 Santo Domingo, LCO Sierra Campanas, BO02 Llanos de Chal, CO03 Copiapu, AC06 Mina Casimiro, AC02 Maricunga, AC01 Pan de Azucar, BI05 Punta Hualpin, PLCA Paso Flores, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, PB06 IPOC Station P, IT08 Itauqui, LL04 Puerto Octay, CPUP Villa Florida, PB07 IPOC Station P, PB02 IPOC Station P, LPAZ La Paz, SIV San Ignacio, PTBL Pontes e Lacer, VILB Vilhena, EFI East Falkland, ETMB Extrema, SAML Samuel, BDFB Brasilia, BOAV Boa Vista, BCIP Isla Barro Colorado, SNAAS Sanaa, SNAAS Sanaa, TROLL Troli, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, ASAR Alice Springs, WRA Warramunga Arr, KURBB Kurchatov Arra, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHH2 Haha-jima-NKT2, CBJJ Chichijima, JCJ Chichijima, JCJ Chichijima, BS03 Guam, JGF Kuroka, JAG Ashikaga, JHO Hitachi, JTM Tenmabayashi, KSRS Korea Array, ASAJ Asahikawa, JKA Kamikawa-asahi, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, MA2 Magadan, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, BVAR Borovoye Array, ILAR Eielson Array, J26L Joseph Creek, G30M tAoh Zraii Nji, I30M Mount Dempster, H31M Peel River, H31M Peel River, ABKAR Akbulak array, DLBC Dease Lake, TUW2 Tuamarina, EUNU Eureka, FINES FINESS Array B, RLMT Red Lodge, TORD Torodi Ar. Bea.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FUSB baz=299, SX1I Grass Mountain, SX1I Grass Mountain, LATG Datong, LATG Datong, NDT Datong Townshi, NDT Datong Townshi, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, NWLT Wulai, NWLT Wulai, NWLT Wulai, ETL Fush Village, ETL Fush Village, TWA Mlucha, TWA Mlucha, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, NHHH Xinan Distri, NHHH Xinan Distri, TWD Chiawan, TWD Chiawan, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, ETLH Xiulin Townshi, ETLH Xiulin Townshi, TATO Taipei, TATO Taipei, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, NNS Sangungu, NNS Sangungu, NSK Sangungu, NSK Sangungu, YOJ Yonaguni jima, YOJ Yonaguni jima, YMO1 YMO1, YMO1 YMO1, YMO8 YMO8, YMO8 YMO8, YW08 Kuangyinshan, YW08 Kuangyinshan, ETM Tongmen, ETM Tongmen, NTST NTST, LXIB Xiulin Townshi, LXIB Xiulin Townshi, WHF Hehuan Shan, WHF Hehuan Shan, TWT Tachien, TWT Tachien, TWT Tachien, NCUH Zhongli, NCUH Zhongli, NCUH Zhongli, TDCB Tech, TDCB Tech, TDCB Tech, ESL Shilin, ESL Shilin, CHGB Renai, CHGB Renai, CHGB Renai, LI0B Emei, LI0B Emei, LI0B Emei, NSTT Nanjing, NSTT Nanjing, NSTT Nanjing, OWD OWD, OWD OWD, WARB Fenling Townsh, WARB Fenling Townsh, WUSB Renai, WUSB Renai, WUSB Renai, WHP Taichung City, WHP Taichung City, WHP Taichung City, WWD VVDT, WWD VVDT, WWD VVDT, WCS Beigang Elemen, WCS Beigang Elemen, WCS Beigang Elemen, HGSB HGSB, HGSB HGSB, EHY Hungye, EHY Hungye, EHY Hungye, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSSL Suunglung, SSSL Suunglung, SSSL Suunglung.

IDC 15 00:20:27.5, 0.7, 24.50N, 0.08, 141.76E, h59km, 25km, mb3.6/7, mbmp4.0/9, ML4.3/2, MS2.6/3, Error ellipse: s-maj=34.4km s-min=17.0km az=83.0
JMA 15 00:20:27.6, 1.0, 24.7N, 1.0, 141.7E, h118km, 1km, MV4.7/21, IOTO ISLANDS REGION
NEIC 15 00:20:27.6, 1.3, 24.47N, 0.03, 141.7E, 0.2, h94km, 9km, mb4.4/8, Error ellipse: s-maj=30.7km s-min=3.0km az=83.0

ISC 15 00:25:56.3, 1.0, 45.22N, 0.03, 141.59E, 0.03, h12km, 8km, n13, 0537/21, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RIY Rijeka, KNDS Knezi Dol, KNDS Knezi Dol, GBRS Gornja Briga, SMRN Sveta Marina, SMRN Sveta Marina, RAB Rab, SKDS Skadanscina, SKDS Skadanscina, A253A Karolja, Istri, A253A Karolja, Istria, NWLJ Novolja, PLIT Plitvice, A254A Petrova Gora, VIFC Vir, DUGI Dugi Otok, DUGI Dugi Otok, MURI Muri, JMA 15 00:41:34.6, 0.1, 24.5N, 0.06, 122.2E, 0.3, h67km, 2km, MV2.6/11, TAIWAN REGION
TAP 15 00:41:35.6, 24.59N, 122.04E, h59km, ML3.1, C
ISC 15 00:41:35.2, 1.3, 24.59N, 0.03, 122.17E, 0.03, h57km, 6km, n17, 0537/142, Taiwan region

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TYC, YULB, IRIF, EYUL, etc.

IDC 15 00:48:14.8±2.1, 17.62S:178.76W, h609km, 20km, mb3.2/6, mbtmp4.1/7, Error ellipse: s-maj=91.0km s-min=18.3km az=152.0

NEIC 15 00:48:15.5±1.2, 18.2S:0.2±178.8W±0.2, h601km±12km, mb4.0/12, Error ellipse: s-maj=36.7km s-min=27.6km az=219.0

ISC 15 00:48:12.9±0.8, 18.0S:0.2±178.6W±0.1, h600km, n26, e118/26, mb3.8/12, 1D, Fiji Islands region

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

IDC 15 00:56:26.6±2.0, 24.65N:121.37E, h0km, mb3.7/4, mbtmp3.7/4, MS3.1/3, Error ellipse: s-maj=262.0km s-min=22.9km az=68.0

TAP 15 00:56:26.9±24.85N:121.99E, h12km, ML3.4, 3C JMA 15 00:56:28.3±0.2, 24.8N:0.7±121.9E±0.7, h2km, TAIWAN REGION

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

2017 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WFSB, NDS, TNOU, etc.

1552 1h

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

NEIC 15 01:11:04.1±2.7, 15.31N:0.07±94.73W±0.04, h36km±7km, mb4.3/99, Md4.6/52(MEX), Error ellipse: s-maj=9.9km s-min=5.3km az=188.0

MEX 15 01:11:04.6±0.8, 15.38N:94.71W, h16km±6km, MD4.6 IDC 15 01:11:13.1±3.2, 16.06N:94.24W, h74km±29km, mb3.6/10, mbtmp3.9/12, MS3.4/9, Error ellipse: s-maj=26.9km s-min=16.5km az=53.0

ISC 15 01:11:04.3±3.4, 15.40N:0.04±94.69W±0.03, h32km±26km, n149, e203/153, mb4.2/24, MS3.3/6, Near coast of Oaxaca

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

15d 1h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like BOAB BOACQ BROADBAN, ORTG Ortega, JTS Las Juntas, etc.

2017 SEP

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like ISCO Idaho Springs, PFO Pinyon Flats, ATAH Atauha, etc.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like BPRM Ponciano Ridge, NBRB Beebe Ranch Br, BBGB Big Mountain B, etc.

NEIC 15 01:17:47.8, 37.41N:121.81W, h4km, Moment Tensor Solution. Moment tensor: Scale 1014Nm; Mrr:0,17; Mth:-0.93; Mlt:0.76; Mbb:-0.16; Mss:0.28; Mss:0.48; Fault plane solution: M1:0.000x1014 NFr:321.29000x0.734600y, 0.150.9400z. NP2:3657.05000x361.46000y, 1.1192000z. Principal axes: T: 1.0393, P:1g28.0000; Azm276.0000; N:-0.0150, P:1g59.0000; Azm123.0000; P:-1.0243, P:1g12.0000; Azm12.0000.

NEIC 15 01:17:47.8, 37.41N:121.81W, h=0km NEIC 15 01:17:48.3, 1.1, 37.416N:0.007:121.800W, h=0km h9km, 6km, Error ellipse: s-maj=3.0km s-min=1.0km az=88.0.

NCEDC 15 01:17:47.8, 1.2, 37.41N:121.81W:0.01, h=0km, m3, 3/3, ML3.2/60(NEIC), Error ellipse: s-maj=1.9km s-min=1.6km az=215.0, Central California

Table with columns: Code, Station Name, Az, El, Phase ID, Op, Time, Res, ISC, h, m, s, ISC. Includes entries like CALM Calaveras Res., C041 El Campo Drive, C059 Quail Canyon R, etc.

IDC 15 01:31:55.5-5.8, 23.768N:144.479E, h0km, mb3.7/5, mbmp3.7/5, Err ellipse: s-maj=230.5km s-min=29.3km az=79.0. ISC 15 01:32:01.3, 5.5, 23.77N:0.3x14.4E, h35km, s=, c070/5, mb3.6/5, Volcano Islands region



15d 1h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like F24K Squaw Lake, L19K White Mountain, etc.

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like TORO Torodi Ar. Bea, M29M Some Creek, etc.

1068

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like LVC Limon Verde, COHC Cochanchay, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and other details. Includes entries like TX31 Lajitas Ar. Si, AFI Alfamalu, FRTB Fartura, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and other details. Includes entries like MSTX Muleshoe, NEEC Needles Airpor, SBC Santa Barbara, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and other details. Includes entries like Z47A Carrollton, T25A Trinidad, MSVF Trinitad, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like DUG, S39A, O20A, W48A, WVT, W50A, CTU, KSU1, ELK, W52A, BRIGG, KMRM, R40A, CCM, CCM, CCM, BG3, CASEE, JCTC, GUA01, N23A, FVM, V51A, Y57A, S44A, S44A, SIUC, TKL, TKL, T47A, U49A, HWUT, PHWY, OGNE, V53A, RWWY, KMSC, KMSC, SLM, P38A, P38A, USIN, T50A, T50A, T50A, N33B, TZTN, TZTN, TZTN, Y60A, Y60A, P40A.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like KRMB, YBH, W57A, W57A, VNA3, Q44A, ID07, V55A, V55A, V55A, V55A, OLIL, ID05, WVOR, N35A, WCGE, WCI, WCI, AHID, AHID, BW06, BW06, PD31, PD31, PDAR, PDAR, L02F, K22A, K22A, U54A, U54A, U54A, ID08, P43A, W59A, VNA1, K05A, R49A, R49A, R49A, R49A, VNA2, REDW, MFID, R50A, R50A, J08A, HLID, HLID, L34A, L34A, FXWY, P46A, P46A, K31A, DBO, O44A, IMW, HDIL, HDIL, BLA, BLA, BLA, BLA, S54A, S54A, SNA, SNA, SNA, SNA, SNA, SNA, SNA, SNA, T57A, T57A, U59A, U59A, U59A, R53A, R53A, R53A, P49A, P49A, P49A, V61A, V61A, V61A, RSSD, RSSD.

Table with columns: Station ID, Name, Frequency, Power, Mode, and Signal Quality. Includes stations like RSSD, RSSD, RSSD, YMP, BUCK, Q52A, Q52A, Q52A, Q52A, L40A, L40A, O48B, O48B, BMO, P51A, P51A, T59A, T59A, YNE, R55A, R55A, M44A, S57A, S57A, PLID, RLMT, RLMT, RLMT, H42A, H42A, ECSD, ECSD, ECSD, ECSD, N47A, N47A, N47A, P52A, P52A, T60A, T60A, SUSD, SUSD, BOZ, TROLL, P53A, P53A, G05A, G05A, ACSO, ACSO, R58B, R58B, R58B, R58B, N49A, N49A, JFWS, JFWS, O52A, O52A, O52A, F10A, F10A, I37B, L46A, L46A, F07A, F07A, DZM, DZM, DZM, O53A, O53A, MCWV, MCWV, MCWV, N51A, N51A, N51A, N51A, N51A, O54A, O54A, O54A.







Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like HATHI, MLH, MWH, RSD, KNNH, MLOA, STCH, ALEP, NPOC, JCUZ, HMH, JOKA, CPH, PHA, KHLU, HUH, KKH, HPAH, MHA, HLK.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like SFK, OHH, BTk, ARLS, AML, UCH, KK31, KK32, KK33.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like AML, UCH, EKS2, KK31, AAK, USP, TKM2, AB31.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like CMAR, CMAR.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like CMAR, MKAR, KURBB, ZALV, ILAR.

IDC 15 02:30:45.1±10.0, 15°61'N-94°26'W, h0km, mb3.8/3, mbmp3.7/4, ML3.2/1, MS4.0/2, Error ellipse: s-maj=288.9km, s-min=48.3km, az=27.0

MEX 15 02:30:45.3±0.6, 14°98'N-94°88'W, h17km±16km, MD4.3, ISC 15 02:30:44.6±1.1, 15.077N-0°09.948W±0.04, h22km, n16, n187/20, mb3.9/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like HUIG, CARR, PCIG, UXUV, PEIG, TGIG, PATR, PAVE, CHJU, TEIG, TXAR, KDAK, ILAR, ESK, EKA, ESDC.

STR 15 02:32:40.1±0.9, 44°N±4°E, h15km±8km, MLV0.9/9, Error ellipse: s-maj=0.0km, s-min=0.0km, az=35.7, preliminary, Northern Italy

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like PZZ, STV, ENR, ISO, SURF, JAUF, SPIF, CREF, TURF, GBOS, MGRO.

LDG 15 02:33:32.9±0.1, 45°39'N-6°39'E, h15km, Mdl1.2/M1.6/2, Error ellipse: s-maj=3.8km, s-min=1.5km, az=139.0

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like LPL, LPG, ORIF, VIVF, SBF.

SJA 15 02:34:20.9±2.2, 32°27'S-71°31'W, h66km±14km, ML3.4, MW3.5

GUC 15 02:34:22.4±0.8, 32°28'S-71°24'W, h63km, 3km, ML3.5, ISC 15 02:34:22.3±1.6, 32.275S-02.7140W±0.05, h32km±15km, n52, o887/87, 2C-11D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like ROCH, ROCC, ROCC, ROCC, VA03, VA03, VA03, MT02, MT02, MT02, PEL, PEL, PEL, CO02, CO02, CO02, MT05, MT05, MT05, NILT.

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like VA05, VA05, FCH, MT03, MT03, MT03, MT03, MT09, MT09, CO03, CO03, CO03, CO03, MT01, MT01, MT01, MT01, MT12, MT12, MT12, MT13, BO04, BO04, BO04, RTLS, RTLS, LMEL, LMEL, BO01, BO01, BO01, BO01, G004, G004, G004, ASAL, AAGR, AAGR, AAGR, CO05, CO05, DOCA, ZON, ZON, ZON, CO01, CO01, CO01, BO02, BO02, BO02, BO02, BO02, BO02, AROD, AROD, CFA, CFA, G005, G005, G005, G005, ML02, RFA, AC05, AC05, AC04, VCA, VCA, G003.

MEX 15 02:45:33.4±0.7, 15°10'N-93°80'W, h24km±62km, MD4.9, GCMT 15 02:43:34.8±0.5, 15°38'N-0°03-94°09'W±0.04, h72km±38km, MW4.8/58, Moment Tensor Solution, s26.c29; s58.c80; Duration: 0; Moment tensor: Scale: 1016Nm; M1: 1.86±12; M2: 0.82±13; M3: 1.28±12; M4: 0.33±8; M5: 1.56±10; M6: 0.20±9; Best double couple: M2 23900±1016; NP1: 0.134 0.0000°, 85.1 0.0000°, A.80 0.0000°; NP2: 0.329 0.0000°, 84.0 0.0000°, A.102 0.0000°. Principal axes: T 1.9170, P1g81.0000°, Azm355.0000°; N 0.6420, P1g7.0000°, Azm140.0000°; P -2.5610, P1g5.0000°, Azm231.0000°; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 15 02:45:35.5±3.5, 15°28'N-93°63'W, h74km±30km, mb3.9/11, mbmp4.2/13, MS3.8/42, Error ellipse: s-maj=30.3km, s-min=13.0km, az=62.0

MEX 15 02:45:35.2±2.2, 15°26'N-0°07-93°52'W±0.08, h63km±8km, nB4.4/158, Mdl4.9/33(MEX), Error ellipse: s-maj=12.8km, s-min=6.7km, az=50.0

GCG 15 02:45:38.0±0.9, 15°13'N-93°40'W, h84km±42km, MD4.6, ISC 15 02:45:33.5±1.0, 15.121N-0°06.9375W±0.05, h54km±9km, n437, o119/359, mb4.4/52, MS3.8/46, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like PCIG, PCIG, PCIG, PCIG, PCIG, THIG, THIG, THIG, THIG, PATR, PATR, PAVE, PAVE, CHJU, CHJU, NILT, NILT.













MAW Mawson 82.29 203 P P 05 22 20.5 -1.6
ILAR Eielson Array 85.44 23 P P 05 22 39.1 +0.9
TORD Torodi Ar. Bea 144.86 284 PKPpdf 05 29 38.9 +0.2
BDFB Brasilia 154.08 146 PKPbc 05 29 59.2 -2.3

SDD 15 05:14:51.5;2.6, 18:39N:71:90W, h12km, 27km, MD3.6,
ML2.6, MW3.2
OSPL 15 05:14:52.9;2.4, 18:51N:71:88W, h9km, 17km, ML2.3
SSNC 15 05:14:52.9;3.3, 18:67N:71:97W, h0km, 16km, MD3.4,
ML2.4, MW3.1

ISC 15 05:14:51.7; 1.0, 18:52N:0:03:71:89W:0:02, h5km, gkm,
n31, c139/49, 2C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JIDR Jimani, PAPH Port-au-Prince, SDDR Presa de Saban, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include H03S1 Juan Fernandez, H03S2 Juan Fernandez, H03S3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PDAR Pinedale Array, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 15 05:26:49.3;1.6, 42:99S:82:89W, h0km, mb4.0/5,
mbmp4.0/7, ML4.1/2, MS4.1/36, Error ellipse:
s-maj=35.1km s-min=27.0km az=90.0

GGMT 15 05:26:54.4;0.3, 42:99S:0:02:83:08W:0:12, h18km, 1km,
MW5.0/108, Moment Tensor: s45,c52;
s108,c154; Duration: 0 Moment Tensor: Scale 10^26Nm;
Mn-0.56; 13; Mw0.96; 12; Mw0.93; 12; Mw0.12; 25;
Mw-3.5; 10; Mw0.40; 25; Best double couple:
M3:63400x10^16 NIP:174.00000; 836.00000;
-1.70000; NP2:266.00000; 843.00000;
-1.176.00000; Principal axes: T 3.8930, Plg2.0000;
Az=220.0000; N -0.5170, Plg82.0000; Azm324.0000;
P -3.3760, Plg8.0000; Azm129.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

NEIC 15 05:26:56.4;1.9, 42:50S:0:06:82:57W:0:1, h10km, 1km,
mb4.6/19 Error ellipse: s-maj=17.1km s-min=6.7km
az=301.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include GO07 Milladeo Hill, LL05 Los Muermos, LR04 Corral, etc.

PPT2 Papeete2 61.48 272 eLR LR 05 57 19.0
PPT Papeete 61.49 272 LR LR 05 57 19.0
SJR San Juan 62.23 18 LR LR 06 02 00.5

SSNC 15 05:57:04.7;0.8, 19:53N:77:73W, h0km, 5km, MD3.2,
ML2.9, MW2.9
OSPL 15 05:57:05.7;1.4, 19:54N:77:69W, h0km, 999km, ML2.4
JSN 15 05:57:06.1;0.3, 19:55N:77:69W, h29km, 16km, MD3.6,
ML2.4, MW3.1
ISC 15 05:57:04.4;2.1, 19:55N:0:1:77:69W:0:2, h4km, 19km, n14,
c080/24, 1C-3D, Cuba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include LMGC Las Mercedes, LMGC Las Mercedes, LMGC Las Mercedes, etc.

SSNC 15 05:57:04.7;0.8, 19:53N:77:73W, h0km, 5km, MD3.2,
ML2.9, MW2.9
OSPL 15 05:57:05.7;1.4, 19:54N:77:69W, h0km, 999km, ML2.4
JSN 15 05:57:06.1;0.3, 19:55N:77:69W, h29km, 16km, MD3.6,
ML2.4, MW3.1
ISC 15 05:57:04.4;2.1, 19:55N:0:1:77:69W:0:2, h4km, 19km, n14,
c080/24, 1C-3D, Cuba region

Code Station Name Az Phase ID Time Res ISC
LMGC Las Mercedes 0.83 42 eP Pg 05 57 20.1 -0.3
LMGC Las Mercedes 0.83 42 eS Pg 05 57 21.6 +0.5
LMGC Las Mercedes 0.83 42 eS Pg 05 57 32.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include LMGC Las Mercedes, LMGC Las Mercedes, LMGC Las Mercedes, 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 SMAR Somma, KRER Koryaksii, ESO Esso, etc.

IDC 15 07:58:37.8;1.0,22.98N;121.93E,h0km,mb3.8/8, mbmp3.8/8,MS3.0/4, Error ellipse: s-maj=52.3km s-min=17.5km az=63.0
JMA 15 07:58:42.0;0.1,22.8N;0.5;12.1E;h32km,3km, MV4.1/14,TAIWAN REGION
TAP 15 07:58:43.5,22.86N;121.28E,h18km,ML4.2,B, ASIIES 15 07:58:43.5,22.86N;121.28E,h18km,ML4.2,Mw3.9, Moment Tensor Solution. Moment tensor: Scale 10^21 Nm; M=7.15; Mw=3.58; Mw=9.70; Mw=1.61; Mw=3.12; Mw=0.47; Fault plane solution: M=9.5725x10^21 NP1: 0.212,42000°,646.42000°,1103.54000°. NP2: 0.13,17000°,645.23000°,176.18000°. Principal axes: T P1q0,2170°,Az=199.3970°; N P1g9,7640°. Az=22.9990°; P P1q0,6030°,Az=292.8950°.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EDH Donghe, LDUT Ludao, TTN Taiping, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGST Jiashian, LAY Lan-yu, WTP Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCS Beigang Elemen, WHF Hehuan Shan, WSF Shzu, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Ma-tsu, Dongshan, Jialang, Yesnan, Miyako jima3, Davao City (W), Chiang Mai Arr, Asahikawa, Songoing Array, Makanchi Array, Zalesovo Beam, WAKE ISLAND Hy 42.41, Kurchatov Arr, WRA, Alice Springs, Fines Array B, NORSAR Array B.

KRNET 15 08:15:24.2.0.1, 41.49N:70.49E, h17km, mb2.5
ISC 15 08:15:28.2.1.4, 41.31N:0.05:71.01E:0.06, h1km=16km, n8, s159:116, 13C-2D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Arkit, Batken, Manas, Karatay Array, Almayashu, Almayashu, ARLS, Uchtor, UCH.

IDC 15 08:22:35.7.2.6, 42.57N:111.84W, h0km, mbmp3.5/2, ML2/4/2, Error ellipse: s-maj=26.9km s-min=14.2km

NEIC 15 08:22:41.2.42.58N:111.45W, h5km
USSS 15 08:22:41.5.0.7, 42.58N:0.01:111.44W:0.01, h4km, 1km, Error ellipse: s-maj=1.5km s-min=1.5km az=145.0
NEIC 15 08:22:41.2.0.7, 42.58N:0.01:111.45W:0.01, h4km, ML3.5/54, Mw3.6/63, ML3.7/16(USSS), Error ellipse: s-maj=1.5km s-min=1.5km az=183.0, Moment Tensor Solution. Moment tensor: Scale: 10^14Nm; Mo=0.55; Mw=2.79; Mw3.34; Mw=0.43; Mw1.90; Mw0.73; Fault plane solution: M3.73000x10^14 NP:0.60,64000, 3.76,09000; A:3.33000; NP:2.9,151,45000, 8.66,77000; A:1.166,06000; Principal axes: T:3.9571, P:9.0000; Azm285.0000; N:0.4933, Plg76.0000; Azm164.0000; P:-3.4638, Plg12.0000; Azm17.0000

ISC 15 08:22:41.2.0.8, 42.59N:0.02:111.44W:0.02, h5km=5km, n62, s214/84, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Fossil Canyon, Sulphur Canyon, Auburn Hatcher, Alton, Lander Cutoff, Devils Gate, Smith Canyon R, Bear River Ran, Cokeville, Black Mountain, Malad Range, Hyde Park, Red Top Meadow, North Pocatelli, Portage, Red Spur Mount, Hardware Ranch, Wellsville, Fox Creek, Monte Cristo P.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Little Mountai, LOHW, MOOW, MOOV, Indian Meadow, Boulder Array, Pinedale Array, Toone Canyon, South Promonto, Flagg Ranch, Camp Tracy, Grand Village, Bear Canyon, Holmes Hill, Hailey, Maple Canyon, Dugway, Tooele, North Lily Min, Red Lodge, Bozenman (W), White River Ci, Casper, Red Feather La, Missoula, Idaho Springs, Troy Canyon, C, Lajas Array, Black Hills, Divide, Great Sand Dun, Lac du Bonnet, Alton, Lajitas Array.

IDC 15 08:22:45.7.1.0, 0.18N:126.53E, h0km, mb4.1/5, mbmp4.1/6, ML3.4/1, MS3.0/2, Error ellipse: s-maj=53.5km s-min=18.4km az=60.0

DJA 15 08:22:50.2.0.8, 0.1N:4.127E, h14km, 7km, MW.0/13, mb4.9/2, mb5.1/1, MLV3.8/13, Mw(mb)4.4/1, MwMwp4.9/1, Mwps2.2/1

ISC 15 08:22:51.1.0, 0.31N:0.07:126.92E:0.06, h35km, n14, s127/13, mb4.2/5, Northern Molocca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Ternate, Lamabara, Sanana, Cibinong, Namlea, Gorontalo, Sorong, Fak Fak, Lembang, Warramunga Arr.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Alice Springs, Stephens Creek, Makanchi Array, Kurchatov Arra, Hope Point, Neumayer-Stat, Neumayer-Watz, Palmer Station, Belgrano 2, Smau, South Pole Qui, Torquise, Pedras Altas, Paso Flores, Paso Flores, Curatruhe, Mawson, Mawson, Mawson, Sierra Bellavi, Huala, La Punta, Popeta, Villa Florida, Coronel Fontan, Curacav, San Esteban, El Roble, Sutherland, El Pedregal, Juntas del Tor, Scott Base, CROZET ISLANDS, CROZET ISLANDS, CROZET ISLANDS, Boshof, Boshof, Boshof, Brasilia, Limon Verde, IROC Station P, Tsumeb, Tsumeb, Tsumeb, San Ignacio, ASCENSION HYDR60.65, ASCENSION HYDR60.65, CASEY, CASEY, ASCENSION HYDR61.76, ASCENSION HYDR61.77, ASCENSION HYDR61.78, IROC Station P, La Paz, La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ, RCBR, NNA, ATAH, BOAV, MDP, MCRA, MBRAR, ROSC, KMBO, TOAO, TORO, TORO, TORO, KOWA, SDV, LTZ, TAU, RTU, SJG, FORT, STKA, STKA, STKA, PPT, MDT, ASAR, ASAR, ASAR, ASAR, AS31, D3M, WRA, ESDC, PDAR, CMAR, CMAR, ULM, AKTO, BVAR, MKAR, MKAR, KURB, YPK, YPK, M3M, M3M, H31M, J30M, M29M, O28M, F31M, G31M, G31M, K29M, I30M, INK, YUK3, EPYK, G30M, F30M, BVY, DAWY, SONM, SONM, H29M, M27K, G29M, L27K, I28M, E29K, L26K, F28M, I27K.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like E28M, H27K, G27K, J26L, SCRK, I26K, E27K, D27M, G26K, KSR5, F26K, C27K, ILAR, F25K, G25K, E25K, D25K, TOLK, MJAR, IDC 15 08:37:05.6,3.2, 54114N, 8731E, h0km, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=27.0km s-min=18.7km az=56.0, Southwest Siberia.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, TORO, NEIC 15 09:32:33.5,2.9, 15115N, 09:94:77W, 0.03, h54km, 20km, mb4.0/8, Md4, 1/24(MEX), Error ellipse: s-maj=13.7km s-min=3.8km az=188.0, MEX 15 09:32:37.2,0.4, 15:53N, 94:74W, h30km, 41km, MD4.1, ISC 15 09:32:29.7, 1.4, 15:36N, 0:05, 94:74W, 0.02, h5km, 10km, n35, r131/53, Near coast of Oaxaca.

15d 10h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, Time, and other parameters. Includes stations like 235A, 425A, SN01, Z47A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like AVCI, ARMT, BGKT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like ELBA, BAND, VIZE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like ZALV, I46RU, KURBB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like MSVF, RAO, DZM, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, Time, and other parameters. Includes stations like CTA, WRA, ASAR, etc.

PRES 15 10:24:09.1, 0.26, 375.27, 29E, h2km, ML2.1
EAF 15 10:24:11.6, 26.50S, 27.41E, h10km, MC3.5
BUL 15 10:24:11.7, 1.3, 26.50S, 27.40E, h10km, MD3.6

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like KSR, LBTB, LEPH, etc.

NOU 15 10:33:45.3, 38.31S, 176.02E, h211km, MLV3.9/15, North Island, New Zealand
WEL 15 10:33:49.1, 1.38, 8S, 17.6E, h173km, 10km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like GRRZ, HSRZ, KUTZ, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, Time, and other parameters. Includes stations like NKAZ, SNVZ, BKZ, etc.

UUSS 15 10:39:21.3, 0.6, 42.59N, 0.01, 111.45W, 0.02, h4km, 2km, Error ellipse: s-maj=1.7km s-min=1.5km az=109.0

NEIC 15 10:39:21.0, 0.6, 42.59N, 0.01, 111.45W, 0.01, h5km, 1km, ML3.0/86, ML3.0/12(USS), Error ellipse: s-maj=1.7km s-min=1.4km az=131.0, Eastern Idaho

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like ID06, ID05, ID09, etc.

Table with columns: HDU, Name, Az, El, P, S, Res, Time, Res. Includes entries like Hyde Park, Red Top Meadow, NP1 North Pocatelli, etc.

IDC 15:10:40.43:7.0, 9.28'S11N-86.70E, h0km, mb3.7/4, mbtm3.6/5, ML3.5/1, Error ellipse: s-maj=100.7km s-min=25.0km az=61.0, Xizang

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes entries like MKAR Makanchi Array, FINES FINESS Array B, WRA Warramunga Arr, etc.

IDC 15:10:58:30.7:0.9, 14.97'N-60.65W, h52km, 8km, mb4.0/12, mbtm4.3/16, MS3.4/50, Error ellipse: s-maj=16.3km s-min=11.6km az=67.0

NEIC 15:10:58:31.0:1.4, 15.00'N-0.05:60.51W:0.06, h53km, 6km, mb4.7/22S, Mw4.6/23, Error ellipse: s-maj=9.1km s-min=6.6km az=82.0, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mrr: 8.14; Mtt: 0.30; Mty: 7.84; Mxy: -1.58; Mxz: 1.88; Myz: 4.32; Fault plane solution: Ms: 9.41000x10^15 Np1: 170.20000, 830.55000, 7.95.87000. NP2: 343.39000, 859.62000, 7.86.55000. Principal axes: T: 9.3542, Plg75.0000, Azm244.0000; N: 0.1134, Plg3.0000, Azm345.0000; P: -9.4676, Plg15.0000

TRN 15:10:58:30.3:14.99'N-60.62'W, h54km, MD5.0 TRN Felt in Saint Lucia and Martinique.

NEIC 15:10:58:31.3:1.4, 14.97'N-60.57'W, h55km, ISC 15:10:58:31.4:0.7, 14.97'N-0.03:60.66W:0.05, h57km, 6km, mb07.0/368/536, mb4.7/114, MS3.4/46, 1C-3D, Windward Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes entries like ILAM Ilet Lapin Mar, MVM Montagne Vauc, LPMF Morne Lapointe, etc.

Table with columns: SLBI, Name, Az, El, P, S, Res, Time, Res. Includes entries like Castries, St., Barre de l'île, Barre de l'île, Moule à Chique, Terre de Bas, La Désirade Is, etc.

Table with columns: Name, Az, El, P, S, Res, Time, Res. Includes entries like 451A Vernal, ATAH Aetalupa, PETF Flores, PAL Palisades, HRV Adam Dzewonski, etc.

Table with columns: POST, POST, CPUP, ODSA, BGNE, AMTX, ECSD, TXAR, TXAR, TXAR, TXAR, TX31, TX32, ALPN, AC02, MSTX, MSTX, MSTX, G003, G003, 425A, SUSD, SUSD, KSCO, KSCO, KSCO, MNTX, MNTX, MNTX, AGMN, AGMN, OGNE, T25A, T25A, ULM, ULM, ULM, ANMO, ANMO, ANMO, SDCO, SDCO, CO01, 121A, 121A, ISCO, S22A, RSSD, N23A, S39A, M39A, MVCO, K22A, K22A, X18A, O20A, TUC, TUC, TUC, DGM, FRB, MT05, LAO, RDMU, RDMU, X16A, B004, WUAZ, WUAZ, P18A, P18A, SRU, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, PDAR, TMUT, U15A, RLMT, RLMT, RLMT, MTPU, ID10, H10N3, H10N2, KNB

Table with columns: H10N1, LOHW, ID09, YNE, REDW, HWUT, SZCU, H10S3, H10S2, PDMCI, ID08, DUG, DUG, DUG, ID07, EGMT, HVU, PSUT, BOZ, SFJD, IRM, SPR3, BC3, DLMT, GMRC, IKP, TUQ, MONP2, R11B, S11A, PFO, HEC, SHOC, MDT, ELK, ELK, HLID, HLID, TPNV, TPNV, GSC, WCT, MURC, QSM, FURC, MSO, BFSC, MPMC, KOWA, LRM, EDW2, ESDC, CWC, DSP, GO06, PLID, NVAR, ARVC, LHV, YES, MLAC, OMMB, BMO, MDPB, PLCA, BORG, WAKR, SMMC, NEW, NEW, YBH, EKA, TORD, TORD, YKA, B04A, PGC, PGC, NLSA, RLW, KOTAN, JMJC

Table with columns: BBB, WRGLY, DAVO, WTLY, TGTN, T35M, DLBC, V35K, S34M, S34M, R33M, R33M, Q32M, CRAG, MMPY, MMPY, U33K, A36M, NOA, P33M, GERES, FARO, FARO, S32K, SIT, SIT, M31M, M31M, WHY, HFS, H31M, H31M, F31M, N31M, INK, INK, G31M, O30N, P30M, M30M, N30M, VRAC, I30M, I30M, F30M, HYT, P29M, G30M, EPYK, K29M, Y29M, L29M, O29M, M29M, YUK4, I29M, I29M, G29M, H29M, H29M, E29M, DAWY, DAWY, YUK8, O28M, PINM, I28M, E28M, YUK3, BVCY, CTG, D27M, H27K, I27K, B27K, B27K, M27K, M27K, G27K, MESA, E27K, K27K, M26K, MCARA





15d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tehachapi Micr, El Tejon, Osito Audit, Simmler, Santa Barbara, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Iwasaki, Noshirotokiwa, Oga3, Hinai, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include INK, ILAR, KDAD, SONM, and some text notes.

SOME 15 11:32:38.9, 44.08N, 82.08E, h15km
NMC 15 11:32:41.9, 0.6, 44.74N, 81.97E, h0km, mb3.1, mpv2.7,
Error ellipse: s-maj=10.4km s-min=1.4km az=117.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KTMS, PDGK, SHLS, UZB, MK31, MAKZ, KPKS, PKPS.

GCG 15 11:36:59.3, 0.4, 15.67N, 93.55W, h51km, 250km
IDC 15 11:37:00.8, 9.4, 14.58N, 92.34W, h0km, mb3.6/3,
mbmp3.5/4, ML3.5/1, MS3.3/1, Error ellipse:
s-maj=22.4km s-min=11.0km az=25.0

MEX 15 11:37:04.2, 0.6, 14.38N, 93.45W, h74km, 98km, MD3.8
ISC 15 11:37:04.5, 2.1, 14.61N, 0.06, 93.31W, 0.07, h2km, 11km,
n15, r129/23, mb3.8/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include THIG, PCIG, PATR, PAVE, CHJU, STG3, SULM, TGIG, PCG, NBG, TXAR, PDAR, NVAR, YBH, INK.

IDC 15 11:45:02.4, 1.1, 54.54N, 161.64W, h0km, mb4.2/18,
mbmp4.2/20, ML3.9/2, MS3.1/7, Error ellipse:
s-maj=27.8km s-min=13.6km az=149.0

AEC 15 11:45:07.9, 1.5, 54.41N, 0.03, 161.51W, 0.06, h10km, 4km,
Error ellipse: s-maj=5.3km s-min=5.0km az=83.0

NEIC 15 11:45:08.7, 1.4, 54.46N, 0.04, 161.55W, 0.05, h32km, 6km,
mb3.8/15, ML4.2/16, ML3.8(AEC), Error ellipse:
s-maj=5.5km s-min=4.6km az=168.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include HAT, HAG, PS4A, PS1A, PNFA, SDPT, CNBA, CHNA, FALS, S12K, S12K, S12K, S12K, BRPK, WECS, VNKR, VNWF, VNSS, VNFG, VNFG, VNFG, VNSG, AKMO, UNV, UNV, UNV.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include UNV, MNAT, MSW, R16K, R16K, R16K, R17K, R17K, SII, SII, SII, O14K, O14K, O15K, O15K, P16K, P16K, Q16K, Q16K, ANCK, R18K, R18K, OHAK, OHAK, OHAK, O16K, O16K, N14K, N14K, P17K, P17K, KAHC, Q18K, KAHC, SP1A, N15K, N15K, O17K, O17K, KDAD, KDAD, KDAD, P18K, P18K, M13K, M13K, N16K, N16K, Q19K, Q19K, M15K, M15K, M14K, M14K, O18K, O18K, M11K, M11K, N17K, N17K, Q20K, SYI, AUL, M16K, M16K, N18K, N18K, O19K, L14K, L14K, ILSW, IVE, L15K, L15K, M17K, M17K, L16K, L16K, SVW2, SVW2, N19K, N19K, O20K, O20K, CNPM, RSO, K13K, K13K, K15K, K15K, L17K, L17K, L18K, L18K, M19K, M19K, J14K, J14K, N19K, N19K, K17K, K17K, L19K, L19K, S19K, S19K, M20K, M20K, J16K, J16K, TTA, J17K, J17K.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include SKT, SKT, P23K, P23K, PWL, PWL, Q23K, MID, K20K, K20K, CAST, EYAK, J20K, KTH, TRF, RAGM, KLU, HMT, BPWV, M24K, D12K, N25K, GLB, I21K, TGL, MESA, D12K, IMAR, GRNC, I23K, MDM, BARN, I24K, ILAR, ILAR, L26K, H23K, H21K, J25K, BCPM, PNL, BCPA, J20A, D12K, P29M, M29M, N30M, DAWY, TOLK, TOLK, I28M, I29M, I29M, M30M, M30M, H29M, I30M, I30M, F28M, F28M, G29M, G29M, EPYK, EPYK, G30M, G30M, H31M, H31M, M31M, M31M, DLBC, INK, INK, INK, PETK, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, MJAR, TXAR, TXAR, TXAR, KSRS, SONM, ARCES, ZALV, FINES, BVAR, NOA, ARU, MKAR, HFS, EKA, BELG, ABKAR, KBZM, GERES, GERES.



2017 SEP

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like SHL Shillong, MOKO MOKOCHONG, BANI Baumata, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like ASAR, FORT Forrest, WMQ Urumqi, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like MAKZ Makanchi, MAZ Makanchi, MTSU Mount Surprise, etc.

15d 12h

15d 12h

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Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like Canberra, Khabab, and various international locations.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like VRI, PLOH, TESR, and various international locations.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like TANN, GUNZ, WERD, and various international locations.



Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like RM33, CAMP, MMO1, T126, etc.

IDC 15 12:58:16.7:3.5,28.29N-86.47E,h0km,mb3.5/3, mbmtmp3.4/4,ML3.4/1,MS3.3/1,Error ellipse: s-maj=117.9km s-min=30.0km az=78.0,Xizang

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like MKAR, SONMI, KVAR, WRA, ASAR.

AEIC 15 13:04:37.4:2.51°8N:0°1'x177°20E:0'08,h74km,gkm, Error ellipse: s-maj=19.6km s-min=6.5km az=188.0, NEIC 15 13:04:37.7:1.1,51.7N:0°1'x177°10E:0'06,h62km,16km, mb4.0/16,ML3.8(AEIC),Error ellipse: s-maj=19.1km s-min=2.3km az=195.0,Rat Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like LSNW, LSSE, LSPA, LSPA, AMKA, etc.

NEIC 15 13:04:52.3:0.5,37°275N:0°10:97°957W:0°009, h4km,1km, Error ellipse: s-maj=1.5km s-min=0.9km az=148.0

NEIC 15 13:04:52.5:0.5,37°280N:0°008-97°97W:0°01,h5km,1km, mb\_Lg2.9/83,ML3.2/45,ML3.0/18, Error ellipse: s-maj=1.5km s-min=1.1km az=117.0

ANF 15 13:04:52.5:0.5,37°29N:97°97W,h5km,ML3.6/10, Error ellipse: s-maj=4.8km s-min=4.3km az=90.0

ISC 15 13:04:52.4:0.8,37°29N:0°02:97°97W:0°02,h6km,5km, n96,φ060/65,Kansas

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like KAN12, KAN08, KAN06, KAN05, etc.

Large table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like OK032, CROK, BLOK, NOKA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like OXF, HDIL, HNDO, SAND, etc.

PRU 15 13:12:03.4,42°64N:19°78E,h1km RHSSO 15 13:12:21.5:0.2,44°06N:19°37E,h5km,1km,ML2.9/18 BEO 15 13:12:21.9:0.2,44°05N:19°39E,h7km,1km,ML2.7/21 PDG 15 13:12:24.7:0.1,43°87N:19°31E,h18km,ML2.5/9, Error ellipse: s-maj=0.2km s-min=0.4km az=0.0

ISC 15 13:12:20.6:1.0,44°10N:0°02:19°39E:0°02,h6km,9km, n95,φ05/164,29C-21D,Northeastern Balkan Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes entries like BBLs, BBLs, BBLs, etc.



Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like BEHE, Puntijarka, Vir, Dugi Otok, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like TJX, E Wide Canyon, Elmore Ranch, In-Ko-Pah, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h, m, s, ISC. Includes stations like Gariep Dam, Boshof, Boshof, Boshof, etc.

DC 15 13:31:04.9.1.1, 29.71S; 25.98E, h0km, mb4.1/4, mbmp4.0/5, ML2.5/1, MS3.0/2, Error ellipse: s-maj=21.6km s-min=13.6km az=75.0

NEIC 15 13:31:05.5.1.5, 29.64S; 05.26E, h5km, 1km, mb4.4/8, Error ellipse: s-maj=10.3km s-min=6.7km az=142.0

EAF 15 13:31:10.3, 29.32S; 26.26E, h10km, MC4.2 IAC 15 13:31:05.5.1.2, 29.61S; 03.26E, h10km, 8km, n105, e280/149, mb4.3/6, 8C-11D, South Africa



Table with columns: WB0, WBO, WRA, WRA, WRA, WB2, WB2, AS31, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, SBAO, STKA, STKA, STKA, MKAR, MKAR. Includes station names, coordinates, and status.

MEX 15 14:29:18.3,0.8, 15.05N-94.28W, h16km, 10km, MD4.3
IDC 15 14:29:23.7,7.7, 15.54N-94.11W, h75km, 50km, mb3.1/3,
mbmp3.3/4, ML3.1/1, MS3.2/7, Error ellipse: s-maj=63.0km,
s-min=41.8km az=4.0

ISC 15 14:29:10.8,1.8, 14.92N,0.07,94.28W,0.04,h9km,11km,
n20,r174/22,mb3.5/3,MS3.2/5,Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like CARR, NILT, HUIG, PATR, PAVE, CHJU, TGIG, TEIG, TEIG, JTS, TXAR, TKL, SDV, PFO, PDAR, ELK, NNA, YBH, ILAR, WRA, CMAR.

OMAN 15 14:44:10.3,0.4,24.31N-64.21E, h10km, 11km, mb5.3/20,
m4.0/3, ms2.0/1, Error ellipse: s-maj=4.5km s-min=2.9km
az=257.0

DSN 15 14:44:14.5,2.3,24.74N-63.70E, h16km, ML3.6/10, Error
ellipse: s-maj=79.2km s-min=21.5km az=179.0

ISC 15 14:44:09.1,4.0,24.36N,0.09,64.1E,0.2,h10km,n37,
r1910/57,Off coast of Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like NGCH, JLN, WBK, WBSA, BIDO, BIDO, JASK, JMDO, JMDO, HOQ, HOQ, BSY, BSY, SOHO, SOHO, ARQ, ARQ, MDH, MDH, MDH, UOSS, UOSS, HATD, HATD, HATD, MSFE, MASF, MASF, ASHO, ASHO, ASHO, SHME, SHME, ALNE, ALNE, ALNE.

Table with columns: ALNE, NAZ, NAZ, UMQ, UMQ, FAQ, FAQ, FAQ, ASUD, ASUD, ASUD, MZR, DOK, WHFO. Includes station names, coordinates, and status.

NEIC 15 14:52:19.6,1.6, 19.40N,0.05,154.73W,0.08,
h24km,10km, Error ellipse: s-maj=11.1km s-min=6.4km
az=99.0

HVO 15 15:22:22.1,1.5, 19.450N,0.010,154.86W,0.03,
h10km,9km, ML2.1/L, ML2.3/50(NEIC), Error ellipse:
s-maj=4.6km s-min=0.9km az=103.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like PHO, JOKA, JOKA, JCJZ, JCJZ, JCJZ, NPOC, NPOC, STCH, STCH, STCH, KNNH, KNNH, PUH, PUH, PUH, PUH, BYL, HATHI, HATHI, HATHI, SBLH, SBLH, SBLH, KKO, KKO, RIM, RIM, RSD, RSD, RSD, RSD, RSD, UWB, UWB, UWB, OBL, OBL, UWE, UWE, SDHH, SDHH, SDHH, WRMH, HLP, HLP, HLP, MLH, MLH, MLH, MLC, MLC, AIN, AIN, AIN, AIN, MHO, MHO, MHO, MWH, MWH, KHU, KHU, KHU, ALEP, HUH, HPAH, HPAH, KHU, KHU, KHU.

IDC 15 14:56:35.2,5.7, 17.86N-101.73W, h0km, mb3.6/2,
mbmp3.3/3, ML3.3/1, MS2.7/2, Error ellipse:
s-maj=338.7km s-min=48.3km az=87.0

MEX 15 14:56:43.1,1.1, 17.73N-102.28W, h12km, 14km, MD4.3

ISC 15 14:56:37.1,1.9, 17.88N,0.10,102.21W,0.06,h1km,13km,
n14,r134/15,Near coast of Michoacan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like UON, UON, ZIIG, ZIIG, PETAT, PETAT, PET2, PET2, ARIG, ARIG, ARIG, CAIG, CAIG, MEIG, MEIG, TXAR, TXAR, TXAR.

Table with columns: TXAR, ANMO, PDAR, ILAR, H03N2, H03N1, H03N3. Includes station names, coordinates, and status.

IDC 15 15:06:00.0,0.9,54.72N-83.77E, h0km, mb3.9/5,
mbmp3.9/10, ML3.2/5, MS2.7/6, Error ellipse:
s-maj=11.3km s-min=8.8km az=26.0

ASRS 15 15:06:59.5,55.1N,2.8E, h3km, 1km, ML3.7/15,
confirmed

NNC 15 15:07:00.6,1.2,54.64N-83.67E, h0km, mb4.4, mpv4.0,
Error ellipse: s-maj=11.2km s-min=3.4km az=16.0

ISC 15 15:07:00.2,0.6, 54.69N,0.03,83.62E,0.02,h0km,n40,
r187/64, mb3.9/5, 18C-17D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like KHAR, KHAR, JCJZ, NVS, NVS, NVS, NVS, ZAAO, ZAAO, ZALV, ZALV, ZALV, SALR, SALR, BJR1, BJR1, BJR2, BJR2, BJR3, BJR3, KEM, KEM, BALAH, BALAH, VCHU, VCHU, VCHU, KOTO, KOTO, ELTO, ELTO, ERU, ERU, BRCR, BRCR, ULGR, ULGR, KURK, KURK, KURK, KURK, KURB, KURB, KURB, KURB, KURB, KURB, KURB, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MAKZ, MAKZ, MAKZ, BVAO, BVAO, BVAO, BVAO, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, OTUK, OTUK, OTUK, AAK, AAK, AAK, AAK, ARU, ARU, ARU, KSH, KSH, AKTO, AKTO, BELG, BELG, TIXI, TIXI, NOA, NOA.



Table with columns: SNKL, Senekal, Frees, 2.01, 46, iJP, Pb, 15 55 00.4 +0.5, etc. Includes station names like Senekal, Frees, Schweizer, Kokstad, Prieska, Camdeboo Natio, Somerset East, Brakfontein, Rooi, Grahamstown, Newcastle, Koster, HarIRAO, Grantham, Upington, Buffelsbos, Keimoes, Kromhout, Fraserburg, Lobatse, Pongola, MIMAL, Calvinia, Lephale, Ceres, Komaggas, Mopani, Musina, Karoi, etc.

IDC 15 15:55:10.2, 0.5, 51.945S, 139.41E, h0km, mb4.2/8, mbtmp3.9/10, ML3.6/5, MS3.5/4, Error ellipse: s-maj=41.5km s-min=16.0km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Toolangi, Buckleboo, Mavora Lakes, Stephens Creek, Cape Leeuwin, Alice Springs, Warramunga, etc.

DJA 15 16:02:07.8, 0.8, 3.3N, 4.96E, h1.2, h34km, 1.6km, M3.9/7, mb4.1/1, MLV3.8/7, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Sinabang, Aceh, Meulaboh, Aceh, Gununglistik, Lhok Sumawe, Pulau Batu, Saibi, Kaimana, Papua, Fak Fak, Ransiki, Serui, Sandairia, Sorong, etc.

IDC 15 16:03:02.2, 1.0, 4.24S, 134.51E, h0km, mb4.0/5, mbtmp3.9/10, ML3.6/5, MS3.5/4, Error ellipse: s-maj=38.5km s-min=20.7km az=63.0

15d 16h

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

IDC 15 16:27:00.7=1.2, 23.72Sx179.12W, h488km, 1.4km, mb2.5/4, mbmp3.8/7, Error ellipse: s-maj=21.5km s-min=18.3km az=84.0

NOU 15 16:27:01.3, 23.935S:179.02W, h437km, mb4.4/10, North of Fiji Islands

ISC 15 16:27:01.0, 6.2370S:107.179W, 0.11, h500km, n44, s196W/47, mb3.0/4, South of Fiji Islands

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

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

WEL 15 16:46:04.9, 1.7, 32.1S:157.7W, 2.3, h33km, M4.6/7, mb4.9/6, M4.9/11, M4.8/7, M4.8/7, M4.8/7, M4.8/7, Error ellipse: s-maj=0.0km s-min=0.0km az=94.8, confirmed

IDC 15 16:46:07.8, 1.2, 32.01S:178.31W, h0km, mb4.2/5, mbmp4.2/7, ML3.9/2, Error ellipse: s-maj=41.4km s-min=24.4km az=136.0

NEIC 15 16:46:14.4, 1.7, 32.64S:0.07W, 178.6W, 0.2, h29km, 8km, mb4.6/18, Error ellipse: s-maj=28.1km s-min=5.9km az=109.0

ISC 15 16:46:08.5, 0.7, 32.29S:0.06W, 178.2W, 0.1, h10km, n81, s162/66, mb4.5/14, CCJ, South of Kermadec Islands

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

WHZ Wether Hill R 17.30 214 Pn Pn 16 50 07.6 -2.5

KOUNC Koumang, New Ca 19.55 302 P Iamb Iamb 16 50 38 +2.5

TBI Tubuai 26.85 78 eLR LR 16 57 36.3

EIDS Eidsvoild 27.74 276 P Iamb Iamb 16 51 56.5 -0.8

PPT2 Papeete2 29.66 67 eLR LR 16 59 36.5

STKA Stephens Creek 33.95 260 P P 16 52 51.7 -0.4

CTAO Charters Tower 34.00 282 P Iamb Iamb 16 52 54.0 +1.4

BBOO Buckleboo 38.35 257 P Iamb Iamb 16 53 34.5

COEN Coen 39.68 288 P P 16 53 40.2 -0.8

1100

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

MEX 15 16:50:43.3, 0.4, 15.11N:93.70W, h41km, 36km, MD4.0, SNET 15 16:51:13.8, 10.0, 15.45N:90.87W, h30km, ML3.2

ISC 15 16:50:39.0, 1.6, 15.11N:0.06E, 93.73W, 0.04, h12km, 11km, n17, s235/27, Near coast of Chiapas

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

NEIC 15 16:54:11.8, 1.4, 31.32S:0.00W, 179.0W, 0.2, h63km, 10km, mb4.7/15, Error ellipse: s-maj=23.5km s-min=8.6km az=113.0

IDC 15 16:54:13.4, 2.6, 31.06S:178.75W, h90km, 22km, mb3.8/6, mbmp4.2/7, MS3.9/10, Error ellipse: s-maj=28.8km s-min=21.1km az=134.0

ISC 15 16:54:13.9, 0.6, 31.11S:0.09W, 178.9W, 0.1, h100km, n58, s201/44, mb4.4/16, CC, Kermadec Islands region

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

CTAO Charters Tower 33.14 281 LR LR 17 13 16.5

STKA Stephens Creek 33.55 258 P P 17 00 42.0 -2.3

BBOO Buckleboo 38.02 255 P Iamb Iamb 17 01 21.2 -1.2

AS31 Alice Springs 42.29 268 P P 17 01 58.3 +0.4

WB2 Warramunga Arr 43.33 273 P Iamb Iamb 17 02 05.4

WRA Warramunga Arr 43.34 273 P P 17 02 07.2 +0.8

WB0 Warramunga Arr 43.37 274 Iamb Iamb 17 02 08.8 +2.2

WBO Warramunga Arr 43.37 274 Iamb Iamb 17 02 25.6

FOR Forest 45.20 256 P P 17 02 18.5 -1.8

Table listing station details including name, code, time, and position. Includes stations like BELA Belgrano 2, TROLLI, SNAEA Sanae, VNA3 Neumayer Olymp, VNA1 Neumayer-Steet, etc.

IDC 15 16:59:11.9u,2.0,6:16S;147:05E,h0km,mb3.7/6, mbmp3.7/7, Error ellipse: s-maj=80.0km s-min=22.6km az=101.0

ISC 15 16:59:16.4z,2.1,6:2S;0:2;146:9E;0.5,h35km,n8,c2s48/7, mb3.5/6, Eastern New Guinea region

Table listing station details for WARRAMUNGA ARR, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 15 17:13:29.8z,2.2,7:03S;129:27E,h170km,z29km,mb3.0/1, mbmp3.6/5, Error ellipse: s-maj=35.7km s-min=23.2km az=93.0

ISC 15 17:13:27.5-0.9,7:08S;0:06;129:42E;0:10,h150km,n5,c328/9, Banda Sea

Table listing station details for SIJI Sorong, BATI Baumenta, WRA Warramunga Arr, etc.

BGR 15 17:26:06.4,52:66N;160:43E,h33km,mb4.7,Ms3.9 KRSC 15 17:26:12.0z,0.8,53:76N;160:73E,h62km,m16km,Mc4.2,M5.1

MOS 15 17:26:13.5-1.0,53:92N;160:50E,h68km,mb4.8/38, Error ellipse: s-maj=7.4km s-min=4.4km az=70.5

NEIC 15 17:26:14.9-1.7,53:89N;0:09;160:50E;0:1,h69km,z7km, mb4.6/158, Error ellipse: s-maj=14.7km s-min=8.7km az=152.0

IDC 15 17:26:16.6z,1.4,53:94N;160:35E,h82km,z12km,mb4.1/33, mbmp4.4/37,MS3.0/22, Error ellipse: s-maj=12.6km s-min=9.3km az=141.0

ISC 15 17:26:14.0z,1.0,53:86N;0:04;160:60E;0:04,h62km,z5km, m579,c125/566,mb4.5/142,18C-27D,Near east coast of Kamchatka Peninsula

Table listing station details for KII Karymskiy, MKZ Mys Kozlova, NLC Nalytchevo, etc.

Main table listing station details including name, code, time, and position. Includes stations like DALK Dalny, INSR Institute, PEAP Petropavlovsk, TUMR Tumrok, etc.

Main table listing station details including name, code, time, and position. Includes stations like MDJ, F17K, G17K, L16K, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like MDM Murphy Dome, WRH Wood River Hill, C24K Franklin Bluff, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like I30M Mount Dempster, M30M Minto Yukon, HTY Haines Junction, etc.

Table with columns for station ID, name, frequency, power, polarization, and coordinates. Includes stations like ARU comp=3.8nm,70s, ARU Arti, ARU Agelton, etc.



Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NIL Nilore, ECSD EROS Data Cent, SDCO Great Sand Dun, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KASTN Kahler Asten, WVT Waverly, GUNZ Gunzen, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIP Timpagrange, ESDC Sonseca Array, STKA Stephens Creek, etc.

WEL 15 17:34:27.01, 1.3, 35'S; 161.179E; 1.3, h176km, 33km, M4.0/17, ML4.0/8, MLv4.0/17, Error ellipse: s-maj=0.0km s-min=0.0km az=29.8, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WAZ Waomatatini S, etc.

RSNC 15 17:41:58.31, 2.6, 81N; 73.13W, h156km, 4km, ML3.2, Mw3.7, 7C-3D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like BARC Barichara, PAMC Pampiona, RUSC La Rusia, etc.

15d 17h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ANIL, Prado, ORTEGA, Apartado, San Jos del P, etc.

MOS 15 17:45:44.5-1.2, 7.5S-28.73E, h12km, mb5.1/69, Error ellipse: s-maj=8.8km s-min=3.9km az=89.8...

Table for Tanganyika region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Mbarara, Geta, Entebbe, Nakauka, Kasama, etc.

2017 SEP

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LOKK, KIBIKI, Lusaka, Matopo, Musina, etc.

1104

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOSA, KEIM, SUR, TOAO, TOR, etc.

1105

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like GZR, GROC, PLOR, etc.

2017 SEP

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like SSB, SENIN, DAVA, etc.

15d 17h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like GRF, MVO, NKCC, etc.

15d 18h

Table with columns: AAK, Ala-Archa, 61.24, 37, P, P, 17 56 01.1 -0.1. Includes stations like AAK, NRN, GKN, BOOM, etc.

2017 SEP

Table with columns: BDFB, Brasilia, 76.54, 255, P, P, 17 57 37.9 +0.9. Includes stations like BORG, GTA, LEM, etc.

1106

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Includes stations like PCIG, CARR, NILLT, etc.

15 17:46:40.8, 1.1, 9.32S, 148.82E, h0km, mb3.8/8, mbmp3.8/10, ML3.0/2, MS3.0/2, Error ellipse: s-maj=24.9km s-min=14.7km az=154.0

15 17:46:44.6, 1.0, 9.35S, 0.1, 148.7E, 0.1, h22km, n14, h99/112, mb4.0/7, Eastern New Guinea region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Includes stations like Code, PMG, PMG, KRVT, etc.

NEIC 15 18:02:15.7, 2.7, 15.04N, 0.08, 94.32W, 0.04, h20km, 9km, mb4.2/67, Md4.2/26(MEX), Error ellipse: s-maj=12.0km s-min=3km az=181.0

MEX 15 18:02:16.2, 0.8, 14.94N, 94.34W, h13km, 723km, MD4.2 IDC 15 18:02:24.2, 4.4, 15.45N, 93.93W, h120km, 42km, mb3.6/6, mbmp1.1/8, MS3.1/2, Error ellipse: s-maj=39.5km s-min=16.5km az=57.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like U38A, U38A, OK408, etc.

Table with columns: DALK, Dalny, KRX, Arik, etc. Includes stations like DALK Dalny, KRX Arik, etc.

Table with columns: CCB, Clear Creek Bu, COLA, College, etc. Includes stations like CCB Clear Creek Bu, COLA College, etc.

NOU 15:18:19.8, 15:51S:167.73E, h41km, MLv3.5/4, Vanuatu Islands, Vanuatu Islands

IDC 15:18:41.43.9.0.6, 54.01N:169.82E, h0km, mb4.1/30, mbmp4.1/34, ML4.5/3, MS3.4/3, Error ellipse: s-maj=15.1km s-min=11.3km az=177.0

NEIC 15:18:41.44.7.2.0, 54.0N:0.1:169.69E:0.09, h10km, 1km, mb4.5/87, Error ellipse: s-maj=18.2km s-min=8.5km az=189.0

KRSC 15:18:41.44.8.0.7, 53.84N:169.75E, h60km, 29km, MI5.1 MOS 15:18:41.47.1.1, 53.91N:169.67E, h87km, mb4.6/25, Error ellipse: s-maj=7.1km s-min=5.6km az=25.8

ISC 15:18:41.46.0.4, 53.99N:0.07:169.71E:0.04, h17km, n272, r=153/286, mb4.4/90, MS3.3/3, 12C-10D, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Bering, Shemya Is, etc.

Table with columns: SYI, Coldfoot, IMAR, Indian Mountain, etc. Includes stations like SYI Coldfoot, IMAR Indian Mountain, etc.

Table with columns: MAJO, Matusushiro, MAJQ, Pine Creek, etc. Includes stations like MAJO Matusushiro, MAJQ Pine Creek, etc.

15d 18h

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like ZALV, SPITS, LZH, MFID, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like VYHS, BRTR, WB0, WBR2, WRA, ASAR, MMAI, ESDC, STKA, TRN, CRUV, GRGR, etc.

1108

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like SNA4, PMSA, TROLL, TRIS, MG01, BELA, USHA, NVL, CRUV, etc.

Table containing flight details for departure 1109, including destination (Los Mochales), aircraft type (P, P), departure time (18:55:03.6), arrival time (-0.5), and status (LVC, LVC).

Table containing flight details for arrival 1109, including origin (Limon Verde), aircraft type (P, P), arrival time (18:56:14.2), departure time (+0.2), and status (LVC, LVC).

Table containing flight details for arrival 15d 18h, including flight number (18:57:26.3), aircraft type (+0.5), and status (P, P).

15d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TORD, GRGR, SDV, UREC, etc.

2017 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GRD1, GRD1, GRD1, etc.

1110

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DZM, DZM, Z47A, etc.





Table with columns: Name, ID, Date, Status, and other details. Includes entries like G08A, CMAR Chiang Mai Arr, L02F Cave Junction, etc.

Table with columns: Name, ID, Date, Status, and other details. Includes entries like PZH, BRZS Berezni, BVAR Borovoye, etc.

Table with columns: Name, ID, Date, Status, and other details. Includes entries like J30M Hart River, PINM Pinnacle, INK Inuvik, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BTO, DHY, WAT6, KNK, SML, HDA, HDA, SEW, C26K, F25K, ILAR, E25K, G25K, HNS, O22K, PMR, WAT1, POKR, CCB, RC01, COLA, WRH, D25K, BRSE, TIA, RND, G24K, MDM, H24K, MCK, M22K, KDAK, KDAK, KDAK, KDAK, KDAK, HHC, HHC, F24K, HOM, NEA2, OHAK, Q20K, CAPN, MOY, I23K, I23K, I23K, E24K, SII, TRF, TRF, H23K, C24K, SKT, O20K, E23K, T23K, N20K, SPCR, G23K, BPWA, R18K, CHIR, Q19K, Q19K, Q19K, MLY, MLY, ZAK, ZAK.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like COLD, PPLA, C23K, D23K, CAST, CAST, H22K, SONM, SONM, M20K, CHUM, G22K, I21K, Q18K, Q19K, Q19K, E22K, F22K, ULN, ULN, N19K, P18K, Q17K, H21K, H21K, R17K, O18K, O18K, D22K, M19K, M19K, BJT, BJT, B22K, G21K, F21K, J20K, J20K, L19K, L19K, IRK, IRK, Q16K, P17K, E21K, N18K, I20K, A22K, B21K, CNBA, CNBA, CHNA, H20K, C21K, O17K, J19K, TTA, TTA, N17K, A21K, F20K, L18K, S14K, E20K, O16K, SDPT, J18K, M17K, H19K, D20K, B20K, GCSA, G19K, E19K, N16K, F17K, L17K, K17K, D19K, M16K, O15K, H18K, S12K, G18K, L16K.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like J17K, N15K, C19K, XLT, M15K, H17K, E18K, J16K, C18K, H17K, G17K, N14K, L15K, F17K, K15K, M14K, E17K, RDOG, RDOG, H16K, C17K, G16K, L14K, D17K, KSRS, KSRS, M13K, UNV, J14K, G15K, C16K, F15K, K13K, NIKH, MJAR, MJAR, BOD, BOD, CN2, CN2, CN2, MDJ, MDJ, MDJ, MDJ, USRK, HEH, ZEA, KLR, KLR, YAK, YSS, YSS, YSS, YSS, SEY, SEY, PEAOB, PEAOB, PETK, PETK, PETK, PETK, ROM 15:18:51.10±0.1, 43.040N±0.004, 13.070E±0.005, h11km, ML1.5/18, 7C-6D, Error ellipse: s-maj=0.5km s-min=0.3km az=236.0, Central Italy.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FDMO, FDMO, FDMO, FDMO, CESI, CESI, CESI, T1216, T1216, T1216, T1216, MC2, GUMA, GUMA, GUMA, M101, M101, SNTG, SNTG.







Table of astronomical observations with columns: DLMT, Name, Mag, RA, Dec, Az, El, Res. Includes entries like Dillon, Red Lodge, Bozeman, etc.

IDC 15 21:23:29.3±6.0, 34° 18'N; 136° 40'E, h295km, 137km, mb2.9/3, mbtmp 3.5/4, Error ellipse: s-maj=251.4km s-min=27.2km az=59°

JMA 15 21:23:29.2±0.1, 35° 51'N; 137° 37'E, h360km, MV3.0/25, MIKAWA BAY REGION

NEIC 15 21:23:31.6±2.5, 34° 50'N; 08° 137' 0E±0.1, h329km±5km, mb4.3/10, Error ellipse: s-maj=15.6km s-min=9.5km az=120°

ISC 15 21:23:31.5±0.8, 34° 52'N; 09° 136' 95E±0.10, h329km±8km, n41, c143/43, mb4.0/8, 1D, Western Honshu

Main table of astronomical observations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like Atsumi, Ise, Tsuru, etc.

Main table of astronomical observations with columns: RA, Name, Mag, RA, Dec, Az, El, Res. Includes entries like Rabaul, Jayapura, Sorong, etc.

Main table of astronomical observations with columns: Name, Mag, RA, Dec, Az, El, Res. Includes entries like Petropavlovsk, Vnoda, WMQ, etc.

15d 22h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KLV, ATAL, LKR, VLS, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ESDC, HFS, FINES, NB2, etc.

1118

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SHL, KOHI, LSA, PTH, etc.





15d 23h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like F22K John River, L15K Ungalak Mounta, C24K Frank Bluff, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like BPAW Bear Paw Mtn., ZAK Zakamensk, H24K Noodor Dome, etc.

1120

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like O20K Slope Mountain, P19K Oil Pt, S14K Fog Glacier, etc.



Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like D05A, LTY, LON, NEW, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like KWP, MOR, HLD, YHM, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like BMR, ID08, PRU, GOPC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TNS, CKRC, WET, HWUT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BFO, KBA, MDVR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GSC, SSS, DAV, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KSU1, R32A, X18A, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like P49A, P49A, QUOK, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like U49A, X40A, ESBB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like 57A Sumter, 833A Chaparral WMA, 58A KAPI, etc.

LGD 15 23:22:41.8, 0.2, 37.06N, 1.60E, h10km, M12.78, Error ellipse: s-maj=4.4km s-min=2.1km az=153.0 MDD 15 23:22:41.9, 0.6, 36.98N, 1.67E, h28km, 10km, Mb4, 1/21, M\_mb3.5/24, Error ellipse: s-maj=7.5km s-min=2.8km az=141.0

CRAAG 15 23:22:43.0, 36.84N: 1.79E, M12.7, Algeria 33km NE

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EBND Beni Haoua, EBND Beni Amar, EBND Arib, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ERTA 107nm, SNR=0.7, ERQA Quentar, ELGU Presa de Quent, etc.

ATH 15 23:46:03.7, 38.45N, 23.49E, h9km, 1km, M1.1.9/16, Manual Solution by S.Liakopoulos First location: 2019/04/14 01:23:17, This location: 2019/04/14 01:20:14

ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 0 km; Longitude uncertainty: 0 km, Greece

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VIL2 Platees, WIL2 Athens-Elefsin, ELFA Athens-Acharne, etc.

DDA 15 23:46:37.8, 0.0, 39.10N, 25.82E, h7km, 3km, M1.1.3 ISK 15 23:46:36.3, 39.03N, 25.81E, h5km, ML1.6/6, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SIGR SIGRI, SIGR Chios island, CHOS Chios island, etc.

IDC 15 23:49:04.5, 1.7, 55.83N, 15.73W, h0km, mb3.7/5, mbtmp3.7/8, ML3.3/3, Error ellipse: s-maj=38.1km s-min=25.7km az=174.0

AEIC 15 23:49:12.4, 1.6, 56.01N, 0.04, 156.96W, 0.05, h45km, 8km, ML3.4, ML3.5/46(NEIC), Error ellipse: s-maj=6.7km s-min=4.4km az=190.0

NEIC 15 23:49:12.3, 1.8, 56.06N, 0.04, 157.02W, 0.05, h49km, 12km, Error ellipse: s-maj=5.7km s-min=4.4km az=188.0

ISC 15 23:49:10.3, 1.3, 56.04N, 0.05, 157.00W, 0.03, h30km, 10km, n189, o18/187, mb3.8/5, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHIR Chirikof Islan, CHIR Chirikof Islan, CHIR Chirikof Islan, etc.

Table listing stations and their details for the 16d 0h period. Columns include BRSE, Station Name, Azimuth, Elevation, Phase ID, and various time and frequency parameters.

Table listing stations and their details for the 16d 0h period, continuing from the previous table. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, and various time and frequency parameters.

Table listing stations and their details for the 16d 0h period, continuing from the previous tables. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, and various time and frequency parameters.

IDC 16 00:00:28.2.1.3.2:82N:31.13W, h0km, mb3.8/5, mbmp3.8/5, MS3.6/37, Error ellipse: s-maj=46.7km s-min=28.1km az=155.0
NEIC 16 00:00:28.2.2.6.2:8N:0.1:30:97VA:0.10, h10km, 1km, mb4.6/87, Error ellipse: s-maj=18.3km s-min=15.7km az=145.0



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Curarrehue, Sierra Bellavi, Tuca Bellavi, Puerto Octay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ambohimpampon, CROZET ISLANDS, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Puerto Angel, El Naranjo, Pavencul, etc.

1DC 16:00:44:33.6:1.8,24:06S:69:60E,h0km,mb3.9/10, mbtmp3.9/10,MS3.4/10, Error ellipse: s-maj=56.5km, s-min=25.2km az=32.0

MEX 16:01:19:46.5:0.5,15:71N:94:52W,h33km,6km,MD4.3
NEIC 16:01:19:47:6:2.1,15:87N:0:07:94:38W:0.05,h37km,21km, mb4.1/2.4,MD4.3/3.6(MEX), Error ellipse: s-maj=11.0km s-min=5.7km az=200.0

16:01:34:46.2:2.5,41:69N:0:07:170:32W:0.09,h42km,5km, Error ellipse: s-maj=11.3km s-min=7.2km az=154.0
1DC 16:01:34:46.3:4,51:91N:0:07:170:57W,h18km,26km,mb4.4/3.2, mbtmp4.5/3.4,ML3.9/2.2,MS3.8/4.9, Error ellipse: s-maj=16.0km s-min=10.9km az=167.0



1129 **2017 SEP** 16d 1h

G30M	Itoh Zraii Nji	22.64	35	P	P	01 39 45.5	-0.5
E29M	Blow River	22.73	31	P	P	01 39 46.4	-0.6
MA2	Magadan	22.86	305	P	I Amb	01 39 47.7	-0.8
MA2	Magadan	22.86	305	eP	P	01 39 49.1	+0.6
MA2	Magadan	22.86	305	deP	P	01 39 49.1	+0.6
MA2	Magadan	22.86	305	LR	LR	01 49 50.8	
H31M	Peel River	22.89	39	I Amb	I Amb	01 40 12.1	
H31M	Peel River	22.89	39	P	P	01 39 47.1	-1.6
F30M	Barrier River	23.06	34	P	P	01 39 49.5	-0.9
V35K	Ketchikan	23.10	66	P	P	01 39 49.9	-1.0
S34M	Telegraph Cree	23.15	59	I Amb	I Amb	01 40 11.9	
S34M	Telegraph Cree	23.15	59	P	P	01 39 51.6	+0.2
R33M	Jennings River	23.23	56	P	P	01 39 54.4	+2.1
R33M	Jennings River	23.23	56	I Amb	I Amb	01 40 12.2	
R33M	Jennings River	23.23	56	P	P	01 39 54.1	+1.8
G31M	Satah River	23.32	36	P	P	01 39 51.9	-1.0
MMPY	Sheldon Lake	23.39	47	I Amb	I Amb	01 39 56.9	
MMPY	Sheldon Lake	23.39	47	P	P	01 39 54.5	+0.8
T35M	Bob Quinn	23.68	62	P	P	01 39 57.8	+1.2
T35M	Bob Quinn	23.68	62	I Amb	I Amb	01 40 12.2	
T35M	Bob Quinn	23.68	62	P	P	01 39 56.6	0.0
F31M	Tsighetichic	23.71	35	P	P	01 39 55.5	-1.1
DLBC	Dease Lake	23.72	58	P	P	01 39 58.7	+1.8
DLBC	Dease Lake	23.72	58	I Amb	I Amb	01 40 22.5	
DLBC	Dease Lake	23.72	58	P	P	01 39 58.8	+1.8
INK	Inuvik	24.13	33	P	P	01 39 59.9	-0.7
INK	Inuvik	24.13	33	I Amb	I Amb	01 40 01.1	
INK	Inuvik	24.13	33	P	P	01 40 00.7	+0.1
INK	Inuvik	24.13	33	P	P	01 39 59.9	-0.7
TGTM	Hyland Airport	24.66	50	P	P	01 40 07.3	+1.7
LIRD	Liard River Hi	25.72	55	P	P	01 40 16.7	+1.6
KOTAN	Kotanelee Air	26.72	54	P	P	01 40 26.0	+1.9
WRGLY	Wrigley	27.00	47	P	P	01 40 28.5	+2.0
C36M	Paulatuk	27.71	34	I Amb	I Amb	01 40 34.6	
C36M	Paulatuk	27.71	34	P	P	01 40 33.1	+0.2
A36M	Sachs Harbour	28.17	28	I Amb	I Amb	01 40 38.8	
A36M	Sachs Harbour	28.17	28	P	P	01 40 37.3	+0.4
YSS	Yuzh-Sakhalins	30.41	280	eP	S	01 40 57.5	+0.5
YSS	Yuzh-Sakhalins	30.41	280	eS	MLR	01 45 54.6	-0.2
YSS	Yuzh-Sakhalins	30.41	280	MLR	MLR		
YSS	Yuzh-Sakhalins	30.41	280	MLR	MLR		
YKA	Yellowknife Ar	31.08	48	eP	P	01 41 03.7	+0.9
YKA	Yellowknife Ar	31.08	48	eP	P	01 41 03.8	+1.0
YKA	Yellowknife Ar	31.08	48	LR	LR	01 56 09.9	
JKA	Kamikawa	31.87	275	P	P	01 41 09.6	-0.4
ASAJ	Asahikawa	31.88	275	P	P	01 41 09.6	-0.4
ASAJ	Asahikawa	31.88	275	P	P	01 41 09.6	-0.4
ASAJ	Asahikawa	31.88	275	LR	LR	01 53 43.7	
TIXI	Tiksi	32.82	329	LR	LR	01 56 07.6	
YAK	Yakutsk	32.99	312	eP	P	01 41 18.0	-1.5
YAK	Yakutsk	32.99	312	eP	P	01 41 18.0	-1.5
YAK	Yakutsk	32.99	312	eP	P	01 41 18.0	-1.5
YAK	Yakutsk	32.99	312	eP	P	01 41 18.0	-1.5
YAK	Yakutsk	32.99	312	LR	LR	01 56 12.8	
YBH	Yakuts Blue Hor	33.66	88	LR	LR	01 53 37.5	
J05D	Fort Rock, OR	33.73	85	P	P	01 41 27.5	+1.1
NEW	Newport	33.79	75	I Amb	I Amb	01 41 27.4	+0.6
NEW	Newport	33.79	75	P	P	01 41 27.5	+0.6
NEW	Newport	33.79	75	P	P	01 41 27.4	+0.6
NEW	Newport	33.79	75	P	P	01 41 27.4	+0.6
KLR	Kul'dur	35.98	289	eP	P	01 41 44.5	-1.1
KLR	Kul'dur	35.98	289	LR	LR	01 57 50.3	
ZEA	Zeya	36.83	298	eP	T	01 41 50.1	-1.0
H11N2	WAKE ISLAND Hy	37.65	217	T	T	02 20 45.1	
H11N3	WAKE ISLAND Hy	37.65	217	T	T	02 20 44.2	
H11N1	WAKE ISLAND Hy	37.65	217	T	T	02 20 46.1	
PAHR	Pah Rah Range	36.90	89	P	P	01 41 55.1	+1.4
PAHR	Pah Rah Range	36.90	89	I Amb	I Amb	01 42 07.9	
RES	Resolute Bay	37.11	25	LR	LR	02 00 46.1	
HLID	Hailey	37.77	80	P	P	01 42 00.5	-0.5
H11S1	WAKE ISLAND Hy	37.84	217	T	T	02 23 06.9	
H11S2	WAKE ISLAND Hy	37.85	217	T	T	02 22 41.9	
H11S3	WAKE ISLAND Hy	37.85	217	T	T	02 23 08.1	
HEH	HeiHe	38.03	293	eP	P	01 42 01.1	-1.8
HEH	HeiHe	38.03	293	eP	P	01 42 01.1	-1.8
EGMT	Eagleton	38.27	71	P	P	01 42 04.3	-0.7
USA0B	Ussuriysk Arra	38.33	282	eP	P	01 42 04.7	-0.8
USRK	Ussuriysk Ar.	38.33	282	P	P	01 42 04.1	-1.5
USRK	Ussuriysk Ar.	38.33	282	P	P	01 42 04.3	-1.2
USRK	Ussuriysk Ar.	38.33	282	P	P	01 44 19.4	+0.8
USRK	Ussuriysk Ar.	38.33	282	P	P	01 57 17.9	
NVAR	Mina Array Bea	38.34	89	P	P	01 42 07.4	+1.5
NVAR	Mina Array Bea	38.34	89	P	P	01 44 20.0	+0.9
NVAR	Mina Array Bea	38.34	89	LR	LR	01 54 21.6	
EUNU	Eureka	38.39	16	P	P	01 42 05.8	+0.2
EUNU	Eureka	38.39	16	I Amb	I Amb	01 42 07.6	
ELK	Elko	38.85	84	P	P	01 42 11.1	+0.8
ELK	Elko	38.85	84	P	P	01 42 11.1	+0.8
ELK	Elko	38.85	84	P	P	01 42 11.1	+0.8

ELK	Elko	38.85	84	LR	LR	01 57 38.4	
MJAR	Matsushiro Arr	39.00	268	P	P	01 42 11.2	-0.1
MJAR	Matsushiro Arr	39.00	268	P	P	01 44 21.2	+0.4
MJAR	Matsushiro Arr	39.00	268	P	P	01 57 41.3	
MJAR	Matsushiro Arr	39.00	268	P	P	01 42 10.9	-0.3
MJAR	Matsushiro Arr	39.00	268	eP	P	01 42 22.4	
MJAR	Matsushiro Arr	39.00	268	eP	P	01 42 11.6	+0.3
MJB9	Matsu-Tunnel	39.00	268	I Amb	I Amb	01 42 12.1	+0.8
MJB9	Matsu-Tunnel	39.00	268	I Amb	I Amb	01 42 23.4	
VES	Vestal, Richgr	39.48	93	P	P	01 42 16.2	+0.9
FFC	Flin Flon	39.56	58	P	P	01 42 14.8	-0.9
FFC	Flin Flon	39.56	58	I Amb	I Amb	01 42 33.0	
FFC	Flin Flon	39.56	58	P	P	01 42 14.8	-0.9
PKM	McPherson Peak	39.66	95	P	P	01 42 17.6	+0.6
CWC	Cottonwood Cre	39.72	92	P	P	01 42 18.9	+1.4
ISA	Isabella, Lake	39.98	93	P	P	01 42 20.2	+0.7
RLMT	Red Lodge	40.04	75	P	P	01 42 21.3	+1.2
R11B	Troy Canyon, C	40.07	87	P	P	01 42 21.3	+0.9
BNX	BinXian	40.27	287	UP	P	01 42 20.1	-1.5
BNX	BinXian	40.27	287	UP	P	01 42 20.1	-1.5
MPMC	Manual Prospec	40.33	92	P	P	01 42 22.4	-0.2
SCZ2	Santa Cruz Isl	40.36	96	P	P	01 42 23.6	+1.0
FURC	Furnace Creek,	40.46	91	P	P	01 42 24.7	+1.4
TPNV	Topopah Spring	40.53	90	I Amb	I Amb	01 42 37.6	
TPNV	Topopah Spring	40.53	90	P	P	01 42 25.1	+0.9
DUG	Dugway, Tooele	40.67	83	P	P	01 42 26.9	+1.7
DUG	Dugway, Tooele	40.67	83	I Amb	I Amb	01 42 38.6	
DUG	Dugway, Tooele	40.67	83	P	P	01 42 25.5	+0.3
DUG	Dugway, Tooele	40.67	83	P	P	01 42 27.0	+1.7
SNCC	San Nicolas Is	40.93	97	P	P	01 42 28.7	+1.4
PRN	Pahroc Range	40.99	88	P	P	01 42 29.2	+1.3
PRN	Pahroc Range	40.99	88	I Amb	I Amb	01 42 41.4	
PSUT	Pine Spring	41.03	86	P	P	01 42 28.9	+0.6
BW06	Boulder Array	41.16	78	P	P	01 42 29.1	-0.3
PDAR	Pinedale Array	41.17	78	P	P	01 42 29.8	+0.3
PDAR	Pinedale Array	41.17	78	P	P	01 42 29.9	+0.5
SHOC	Shoshone, Tecco	41.19	91	P	P	01 42 30.1	+0.7
GSC	Goldstone, Bar	41.25	92	I Amb	I Amb	01 42 43.8	
GSC	Goldstone, Bar	41.25	92	P	P	01 42 30.8	+0.8
DGMT	Dagmar	41.27	67	P	P	01 42 30.1	+0.2
NLU	North Lily Min	41.27	83	P	P	01 42 31.3	+1.0
TUQ	Turquoise Moun	41.70	91	P	P	01 42 34.8	+1.0
FCC	Fort Churchill	41.78	49	P	P	01 42 34.0	+0.1
FCC	Fort Churchill	41.78	49	P	P	01 42 34.0	+0.1
BOD	Bodaibo	41.78	309	eP	P	01 42 32.9	-1.0
BOD	Bodaibo	41.78	309	eP	P	01 42 32.9	-1.0
HEC	Hector Ludlow	41.85	92	P	P	01 42 35.1	+0.2
V12A	Nelson	42.18	90	P	P	01 42 38.9	+1.3
GMRG	Granite Mounta	42.29	92	P	P	01 42 39.0	+0.4
RDMU	Red Mountain	42.44	81	I Amb	I Amb	01 43 00.8	
CN2	Changchun	42.49	285	P	P	01 42 38.5	-1.4
CN2	Changchun	42.49	285	P	P	01 42 38.5	-1.4
PFO	Pinyon Flats O	42.58	94	LR	LR	01 57 22.6	
P18A	Preston Tunnel	42.59	82	I Amb	I Amb	01 42 59.0	
TULEG	Thule	42.82	20	I Amb	I Amb	01 42 42.0	-0.2
TULEG	Thule	42.82	20	I Amb	I Amb	01 42 42.9	
HIA	Hailar	42.85	295	deP	P	01 42 42.1	-0.7
HIA	Hailar	42.85	295	deP	P	01 42 42.1	-0.7
IRM	Iron Mountain	43.03	92	P	P	01 42 44.5	+0.1
K22A	Casper	43.06	76	P	P	01 42 44.9	+0.1
MONP2	Monument Peak	43.08	94	P	P	01 42 44.7	-0.4
BC3	Big Chuckawall	43.17	93	P	P	01 42 46.1	+0.4
U15A	North Rim	43.32	87	I Amb	I Amb	01 43 00.6	
HMU	Henry Mountain	43.32	84	I Amb	I Amb	01 43 04.9	
SWSC	Stewart</						

16d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 833A Chaparral WMA, 048B Farmland, SADO Sadow, ZAAO Zalesovo Array, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KIRV Kirov, TAOE Nuku Hiva Isia, FINES FINESS Array B, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AKKB Malin Array S, AKBB Malin Array S, PKI Pulchoki, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like LOR, ZEI, ARSA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GTOI, LBMI, MRSI, etc.

DJA 16:01:55:36.21.5.8'S;5.10'E;h16km±13km, M4.0/12, mb4.3/2, ML3.3/8, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like CMJI, KPIJ, YOGI, etc.

IDC 16:02:22:28.2.0.16.84N;99.51W, h0km, mb4.3/5, mbmp4.0/7, ML3.3/2, MS3.7/38, Error ellipse: s-maj=54.8km s-min=39.4km az=73.0

MEX 16:02:22:28.5.0.6.16.84N;100.11W, h8km, MD4.5, NEIC 16:02:22:32.4.2.3.17.08N;0.08:100.03W:0.04, h11km, 6km, mb4.4/20.9, Mb4.5/20.9(MEX), Error ellipse: s-maj=11.7km s-min=8.8km az=184.0

ISC 16:02:30.8.0.9.16.92N;0.04:100.07W:0.03, h16km, 5km, n456.0/29.9368, mb4.4/83, MS3.8/41, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ACP2, ARIG, ARIG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like WHTX, ACON, MNTX, etc.

IDC 16:01:39:16.9.0.9.4.77N;125.10E, h0km, mb4.0/6, mbmp4.0/7, ML4.3/1, Error ellipse: s-maj=68.3km s-min=18.2km az=72.0

NEIC 16:01:39:25.9.1.3.4.97N;0.07:125.98E:0.08, h27km±12km, mb4.1/7, Error ellipse: s-maj=13.6km s-min=8.0km az=42.0

DJA 16:01:39:28.6.0.9.5.N6.4;12.6E; h127km±27km, M4.2/11, mb4.3/7, mb4.6/5, MLV4.4/11, Mw(m)B3.8/5

ISC 16:01:39:27.9.0.7.5.10N;0.07:126.0E:0.1, h100km, m29, c#201/30, mb4.1/11, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like DAV, TNTI, etc.

SAND Sanderson 13.1 352 Pn Pn 02 25 39.6 +3.1

JCT Junction City 13.50 1 Pn Pn 02 25 41.7 -0.2

JCT Junction City 13.50 1 Pn Pn 02 25 42.9 +1.0

HKT Hokkley 13.54 16 Pn Pn 02 25 44.5 +2.2

ALPN Alpine 13.79 347 Pn Pn 02 25 47.1 +1.3

OZNA Ozona 13.97 356 Pn Pn 02 25 47.8 -0.6

435B Jarrell 13.99 9 Pn Pn 02 25 49.9 +1.4

MATN Matagalpa 14.23 14 Pn Pn 02 25 50.0 0.0

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

WHTX Lake Whitney, 15.19 9 P Pn 02 26 06.0 +1.1

16d 2h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like PFO Pinyon Flats O, K5U1 Kansas State U, and many others.

2017 SEP

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like NVAR, ECSD EROS Data Cent, and many others.

1132

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like M31M Drury Creek, Y, PNL Peninsula, and many others.

Table with columns: 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 Noodor Dome, Styx River, Bonanza Creek, etc.

Table with columns: WRA, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like Warramunga Arr, Acapulco, La Mica, etc.

Table with columns: MULA, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty. Includes stations like Arriago, Santiago Niite, Vista Hermosa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Santiaguito 3, Huehuetenango, Tegucigalpa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Schefferville, Brasilia, Rio Macho, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Universidad AS, Farellones, Juntas del Tor, etc.

MDD 16 04:17:08.9 0.4, 36.83N, -8.67W, h26km, 3km, mb, Lg3.6/48, Error ellipse: s-maj=3.8km s-min=2.2km az=70.0 SFS 16 04:17:09.7, 36.86N, -8.57W, h22km, ML3.7/21, ML3.7/18, ML3.5/21 CNRM 16 04:17:09.0, 36.59N, -8.36W, h6km, ml3.4 IGL 16 04:17:10.2, 36.83N, -8.59W, h27km, ML3.2 INMG 16 04:17:10.4, 36.85N, -8.61W, h26km, 3km, ML3.0, Error ellipse: s-maj=3.7km s-min=2.2km az=70.0 ISC 16 04:17:09.2, 0.3684N, 0.03858W, 0.03, h29km, 9km, n123, <250/206, 5C-11Z, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Lagos, Portimao, Vila Bisbo, etc.



Table with columns: Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Res. Includes stations like EMIN, PBAR, PESTR, etc.

Table with columns: Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Res. Includes stations like PGAV, PBRC, PBRG, etc.

Table with columns: Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Res. Includes stations like PKYU, PKYU, Refugio, etc.

PRE 16 04:17:44.1±1.8,21.32S×33.71E,h10km,ML2.8
EAF 16 04:17:51.0,21.20S×32.99E,h10km,MC4.0
BULL 16 04:17:51.5,19.21°38S,33.00E,h10km,MD4.4

ISC 16 04:17:51.1-2.5,21.34S,0.08-33.0E,0.1,h15km,n20,
e203/34,Mozambique

Table with columns: Code, Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Res. Includes stations like MOPA, MUSN, PILG, etc.

Table with columns: Code, Station Name, Azimuth (A), Altitude (AZ), Phase ID, Time, Res. Includes stations like AV11, PINO, ANGU, etc.

GUVG	San Jose del G	6.71	53	eP	Pn	04 22 43.2	+0.7
GUY2C	Guyana, Caldas	7.19	21	eP	Pn	04 22 46.3	-3.0
ROSC	El Rosal	7.30	30	Pn	Pn	04 22 50.2	-0.5
ROSC	El Rosal	7.30	30	Pn	Pn	04 22 51.0	+0.2
ROSC	El Rosal	7.30	30	Pn	Pn	04 22 49.9	-0.8
CHIC	Chingaza	7.44	35	eP	Pn	04 22 53.3	+0.6
CBOC	Ciudad Bolivar	7.59	15	eP	Pn	04 22 50.8	-3.6
NORC	Norcasia	7.69	24	eP	Pn	04 22 53.3	-2.3
SOLC	Bahia Solano	7.71	4	eP	Pn	04 22 54.4	-1.4
HELQ	Santa Helena	8.04	18	eP	Pn	04 22 56.9	-3.6
CZSB	Cruzeiro do Su	8.12	140	Pn	Pn	04 23 00.6	-0.7
CZSB	Cruzeiro do Su	8.12	140	Pn	Pn	04 23 00.3	-1.0
SPBC	San Pablo de B	8.12	29	eP	Pn	04 22 59.3	-2.1
PTGC	Puerto Gaitan,	8.15	46	eP	Pn	04 23 00.1	-1.6
TBTC	Tabatinga, AM	8.50	108	eP	Pn	04 23 04.6	-1.7
PTAC	Punta Ardiata,	8.50	11	eP	Pn	04 23 05.4	-2.3
DBBC	Dabeiba	8.66	12	eP	Pn	04 23 00.0	+0.5
RUSC	La Rusia	8.84	34	eP	Pn	04 23 12.2	+1.0
CACAO	El Cacao, Vera	9.25	342	eP	Pn	04 23 16.0	-0.2
BARC	Barichara	9.37	31	eP	Pn	04 23 17.3	-0.8
APAC	Apartado, Choc	9.46	9	eP	Pn	04 23 18.9	0.0
ZARCA	Zaragoza, Cau	9.47	19	eP	Pn	04 23 15.2	-4.0
AZU	Azuero	9.52	346	eP	Pn	04 23 20.5	+0.8
UREC	San Jos de Ur	9.52	15	eP	Pn	04 23 18.5	-1.4
BRAC	Barrauca, Sant	9.57	26	eP	Pn	04 23 17.8	-2.6
GMAL	Guamaral, Vera	9.76	341	eP	Pn	04 23 24.3	+1.3
UPDZ	Meteti	9.92	39	eP	Pn	04 23 26.0	+1.3
TAMC	Tame, Arauca	10.03	38	eP	Pn	04 23 27.1	+0.5
PAMC	Pamplona, Colo	10.26	31	eP	Pn	04 23 30.2	+0.3
LCBC	Nos crdobas,	10.43	9	eP	Pn	04 23 31.9	+0.2
NNA	Nana	10.47	174	Pn	Pn	04 23 32.1	-0.3
NNA	Nana	10.47	174	Pn	Pn	04 23 32.9	+0.6
NNA	Nana	10.47	174	Pn	Pn	04 23 32.9	+0.6
UPA	Univ. de Panam	10.54	352	eP	Pn	04 23 33.7	+0.6
ISB	Isa Barro Col	10.77	35	eP	Pn	04 23 35.1	-1.1
ISB	Isa Barro Col	10.77	35	eP	Pn	04 23 35.0	+0.4
SCBP	Sco Gabriel d	11.05	83	eP	Pn	04 23 37.7	-2.1
BRUZ	Volcan	11.26	336	Pn	Pn	04 23 42.5	-0.2
SJCC	San Jacinto, C	11.67	14	eP	Pn	04 23 46.8	-1.2
ARGC	Ariguani, Magd	11.89	18	eP	Pn	04 23 51.0	+0.7
LLGC	La Loma, Bece	12.12	23	eP	Pn	04 23 52.3	+1.3
SDV	Santo Domingo	12.67	35	Pn	Pn	04 24 00.2	-0.8
SDV	Santo Domingo	12.67	35	eP	Pn	04 24 00.5	-0.5
SDV	Santo Domingo	12.67	35	eP	Pn	04 23 59.7	-1.3
SDV	Santo Domingo	12.67	35	eP	Pn	04 24 00.5	-0.5
SDV	Santo Domingo	12.67	35	eP	Pn	04 24 00.5	-0.5
SMRC	Santa Marta, M	13.14	16	eP	Pn	04 24 07.0	+0.2
TEFE	Tefe	13.49	99	eP	Pn	04 24 08.1	-3.2
JTS	Las Juntas de	13.62	30	eP	Pn	04 24 14.4	+1.5
JTS	Las Juntas de	13.62	30	eP	Pn	04 24 14.4	+1.5
JTS	Las Juntas de	13.62	30	eP	Pn	04 24 14.4	+1.5
ETMB	Extrema	14.33	126	Pn	Pn	04 24 19.1	-2.6
ETMB	Extrema	14.33	126	Pn	Pn	04 24 19.1	-2.6
BAUV	El Baul	14.36	44	eP	Pn	04 24 20.0	-2.2
BAUV	El Baul	14.36	44	eP	Pn	04 24 22.8	+3.7
URIC	Uribia, Colomb	14.42	24	eP	Pn	04 24 20.1	-2.8
ESPN	Las Esperanzas	14.99	335	Pn	Pn	04 24 28.9	-1.0
JIR01	Jirau	15.96	122	eP	Pn	04 24 36.0	-1.7
SAMU	Samuel	16.49	107	eP	Pn	04 24 46.0	-2.1
SAMU	Samuel	16.49	107	eP	Pn	04 24 46.2	-1.8
MACA	Manacapuru-AM	17.37	96	Pn	Pn	04 24 56.4	-1.4
MACA	Manacapuru-AM	17.37	96	Pn	Pn	04 24 56.4	-1.4
LPAZ	La Paz	17.61	147	Pn	Pn	04 25 01.9	+1.0
LPAZ	La Paz	17.61	147	Pn	Pn	04 25 02.3	+1.3
PCRV	Puerto Monte	17.65	49	eP	Pn	04 25 01.8	-0.5
PCRV	Puerto Monte	17.65	49	eP	Pn	04 25 01.8	-0.5
PCRV	Puerto Monte	17.65	49	eP	Pn	04 25 01.8	-0.5
BOAV	Boa Vista	17.89	78	Pn	P	04 25 02.1	-1.4
BOAV	Boa Vista	17.89	78	Pn	P	04 25 02.4	-1.2
BOAV	Boa Vista	17.89	78	Pn	P	04 25 02.3	-1.2
PB18	Visviri	18.04	153	Pn	P	04 25 07.0	+1.4
PB12	IPOC Station P	18.68	154	Pn	P	04 25 13.2	+0.6
PB16	IPOC Station P	18.68	154	Pn	P	04 25 13.2	+0.6
MT03	Montecristo	19.41	325	Pn	P	04 25 20.7	+0.6
MT03	Montecristo	19.41	325	Pn	P	04 25 23.1	+0.1
MTDZ	Monte Dhanam	19.62	1	P	P	04 25 22.4	+0.1
GO01	Chuzmisia	20.00	155	Pn	P	04 25 27.6	+0.8
TA02	Huaiquiyo	20.17	158	Pn	P	04 25 28.8	+0.8
TA01	Diego Aracena	20.42	159	Pn	P	04 25 32.0	+1.3
SDDR	Presa de Saban	21.41	18	Pn	P	04 25 41.2	-0.1
GTBY	Guantanamo Bay	21.49	7	Pn	P	04 25 42.5	+0.4
PB09	IPOC Station P	21.89	158	Iamb	Iamb	04 25 50.4	+0.4
PB09	IPOC Station P	21.89	158	Iamb	Iamb	04 25 50.4	+0.4
VBST	Vila Bela da S	21.98	127	eP	P	04 25 47.2	-0.1
SIV	San Ignacio	22.03	132	Pn	P	04 25 48.4	+0.6
PB04	IPOC Station P	22.06	160	Pn	P	04 25 49.1	+0.9
ITTB	Itaituba	22.41	98	eP	P	04 25 50.5	-1.0
MCLT	Moule a Chique	22.68	48	eP	P	04 25 46.8	-7.2
SJG	San Juan	22.72	30	Pn	P	04 25 53.7	-0.6
LVC	Limon Verde	22.75	158	Pn	P	04 25 56.0	+1.0
LVC	Limon Verde	22.75	158	eP	Pn	04 25 56.0	+1.0
PB15	IPOC Station P	23.10	160	Iamb	Iamb	04 25 16.2	+0.1
B3D3	Serra de San D	23.13	133	eP	P	04 25 58.8	+0.7
PTLB	Pontes e Lacer	23.19	128	Pn	P	04 25 59.3	+0.7
PTLB	Pontes e Lacer	23.19	128	eP	Pn	04 25 59.4	+0.7
NPBG	Novo Progresso	23.22	104	eP	P	04 25 57.6	-1.4
MDR	Porto Alegre	23.22	91	eP	P	04 25 57.0	-0.1
MALB	Monte Alegre	23.72	91	eP	P	04 26 02.5	-1.0
TEIG	Teipich	23.84	335	Pn	P	04 26 05.9	+1.5
TEIG	Teipich	23.84	335	Pn	P	04 26 05.9	+1.5
CLDB	Colider	23.92	114	eP	P	04 26 05.6	+0.3
BRBR	Robore, Bolivi	24.42	134	eP	P	04 26 08.8	-1.0
PTET	Porto Estrella	24.75	125	eP	P	04 26 13.9	+1.1
NBR5	Nobres	25.38	121	eP	P	04 26 19.9	+1.3
BBLB	La Banda, Boli	25.39	133	eP	P	04 26 19.9	+1.3
POCN	Pocone	25.76	127	eP	P	04 26 23.1	+1.2
MCPB	Macapa, AP	25.96	88	eP	P	04 26 22.3	-1.5
PANT	Pantanal (Braz	27.21	131	eP	P	04 26 34.9	-0.1
MURT	Porto Murlinho	28.20	137	eP	P	04 26 44.1	+0.4
SNDB	Serra Nova Dou	28.24	113	eP	P	04 26 45.8	-0.1
PRPB	Parauapebas	28.49	100	Pn	P	04 26 44.1	-2.3
AQDB	Aquidauana	28.80	132	Pn	P	04 26 49.3	+0.2
AQDB	Aquidauana	28.80	132	eP	Pn	04 26 49.6	+0.6
DVLD	Doverlandia	29.54	122	eP	P	04 26 56.2	+0.6
ANTJ	Antonio Jose	29.54	122	eP	P	04 26 56.2	+0.6
TMAB	Tom-Au,PA,Br	29.89	92	eP	P	04 26 58.4	-0.4
TICA	Tres Isletas	29.98	147	eP	P	04 26 59.6	+0.2
SMTB	Santa Maria do	31.13	105	eP	P	04 27 09.2	-0.5
CPUP	Villa Florida	31.68	143	eP	P	04 27 13.9	-0.4
CPUP	Villa Florida	31.68	143	eP	P	04 27 13.9	-0.4
CPUP	Villa Florida	31.68	143	eP	P	04 27 13.9	-0.4
BDFB	Brasilia	32.73	117	Pn	P	04 27 24.2	+0.5
BDFB	Brasilia	32.73	117	Pn	P	04 27 23.9	+0.2
MECA	Mercedes	33.47	148	eP	P	04 27 29.8	+0.0
IPMB	Ipameri, GO	33.87	121	eP	P	04 27 32.1	-1.4
ROSB	Rosario	33.87	93	eP	P	04 27 32.1	-1.4
NHSC	New Hope	34.49	357	Pn	P	04 27 39.7	+1.1
GOGA	Godfrey	35.12	352	Pn	P	04 27 43.4	-0.5
PMNB	Patos De Minas	35.27	121	eP	P	04 27 46.8	+1.2
LRLAL	Lakeview Retre	35.40	347	Pn	P	04 27 46.3	0.0
Y57A	Summit	35.41	357	Iamb	Iamb	04 27 48.6	
Z47A	Carrollton	35.81	345	Iamb	Iamb	04 27 53.3	
833A	Chaparral WMA,	36.08	327	Pn	P	04 27 51.6	-0.7
W57A	Gilead	36.52	357	Iamb	Iamb	04 27 57.2	
TBOT	Tacuaremb	36.53	147	eP	P	04 27 57.0	+1.0

KMSC	Kings Mountain	36.60	355	P	Iamb	04 27 56.8	+0.2
KMSC	Kings Mountain	36.60	355	P	Iamb	04 27 58.9	
KMSC	Kings Mountain	36.60	355	P	P	04 27 57.1	+0.5
NBPS	Pedro II - PI	36.61	95	eP	P	04 27 56.3	-0.8
Y45A	Yeager Farm, C	36.83	344	Iamb	Iamb	04 28 02.7	
HNDO	Hondo	36.97	328	Iamb	Iamb	04 28 02.0	
M53A	Windy Hill, PI	37.13	358	Iamb	Iamb	04 28 02.4	
TKL	Tuckaleehee C	37.37	352	P	P	04 28 02.5	-0.6
PLAL	Pickwick Lake	37.51	346	P	P	04 28 04.6	+0.3
US9A	Littleton	37.67	0	Iamb	Iamb	04 28 18.9	-0.1
PLTB	Pedras Altas	37.88	145	Iamb	Iamb	04 28 08.2	
Y48A	Smith Brothers	37.97	348	Iamb	Iamb	04 28 10.5	
JCT	Junction City	38.00	329	P	P	04 28 09.6	+1.0
JCT	Junction City	38.00	329	P	P	04 28 09.0	+0.5
U54A	Neilsons Funny	38.01	355	Iamb	Iamb	04 28 11.1	
UZT	Zawell	38.21	353	P	P	04 28 10.3	+0.2
BRDY	Brady	38.24	330	P	P	04 28 09.9	-0.6
BRDY	Brady	38.24	330	P	P	04 28 12.4	
BRDY	Brady	38.24	330	P	P	04 28 12.4	
LR03	Panguipulli	38.29	173	Iamb	Iamb	04 28 12.4	
GO06	Curarehue	38.36	172	Iamb	Iamb	04 28 12.9	+1.4
GO06	Curarehue	38.36	172	Iamb	Iamb	04 28 13.8	
GO06	Curarehue	38.36	172	Iamb	Iamb	04 28 13.8	
SLP01	Ubatuba-SP	38.52	127	eP	P	04 28 21.6	-0.2
WVT	Waverly	38.55	347	Pn	P	04 28 11.9	-1.1
WVT	Waverly	38.55	347	Pn	P	04 28 11.9	-1.1
WVT	Waverly	38.55	347	Pn	P	04 28 11.9	-1.1
BLA	Blacksburg	38.59	357	Iamb	Iamb	04 28 15.1	
BLA	Blacksburg	38.59	357	Pn	P	04 28 13.5	+0.1
GLAT	Glattsburg	39.03	345	P	P	04 28 16.2	-0.7
GLAT	Glattsburg	39.03	345	Pn	P	04 28 16.2	-0.7
GLAT	Glattsburg	39.03	345	Pn	P	04 28 16.2	-0.7
S57A	Dark Hollow, R	39.09	359	Iamb	Iamb	04 30 24.7	+1.0
T47A	Sharon Grove	39.23	348	P	P	04 28 18.1	-0.5
T47A	Sharon Grove	39.23	34				

BC3	comp=Z,9.9nm,0.9s	49.65 318	P	P	04 29 42.6 +1.1
IRM	Iron Mountain baz=128,SNR=5.9	49.75 319	P	P	04 29 43.1 +1.0
O20A	White River Ci baz=139	49.82 330	P	P	04 29 43.0 +1.0
MONP2	Monument Peak baz=126	49.86 317	P	P	04 29 43.2 0.0
KNB	Kanab	50.13 323	P	P	04 29 46.0 +0.9
KNB		50.13 323	PcP	P	04 31 02.8 +0.6
TPFO	Pinon Flats	50.30 318	P	P	04 29 46.7 +0.4
PFO	Pinyon Flats O baz=126	50.30 318	P	P	04 29 46.9 +0.5
GMRC	Granite Mounta baz=128,SNR=5.4	50.47 319	P	P	04 29 48.3 +0.6
P18A	Preston Nutter	50.49 328	P	P	04 29 48.7 +0.8
P18A		50.41 319	PcP	P	04 31 04.1 +0.5
MURC	Murrieta baz=125	50.79 317	P	P	04 29 51.0 +1.0
K22A	Casper baz=142	50.93 333	P	P	04 29 51.5 +0.5
HEC	Hector Ludlow	50.94 319	P	P	04 29 52.2 +1.0
TUQ	Turquoise Moun baz=128	51.04 320	P	P	04 29 52.7 +0.8
RSSD	Black Hills	51.05 336	P	P	04 29 52.0 +0.1
RSSD	Black Hills	51.05 336	P	P	04 29 52.1 +0.1
SHPR	Sheep Range	51.22 321	P	P	04 29 54.2 +0.9
SHPR		51.22 321	PcP	P	04 31 06.2 -0.1
RRX	Edison Barstow baz=126	51.41 319	P	P	04 29 55.2 +0.2
BSUT	Blindstream Ca comp=Z,7.9nm,1.1s	51.41 328	Iamb	Iamb	04 29 57.6
BFSC	Mount Baldy Ra baz=125	51.48 317	P	P	04 29 55.2 0.0
GSC	Goldstone, Bar	51.53 319	P	P	04 29 56.8 +1.3
GSC	Goldstone, Bar	51.53 319	P	P	04 29 56.3 +0.8
SHOC	Shoshone, Teco baz=128	51.55 320	P	P	04 29 56.8 +1.3
AGMUN	Agassiz Nation comp=Z,9.2nm,0.9s	51.99 345	Iamb	Iamb	04 29 58.6
EDW2	Edwards Air Fo baz=128,SNR=5.8	52.07 318	P	P	04 29 60.0 +0.5
TPNV	Topopah Spring comp=Z,6.7nm,0.8s	52.18 321	Iamb	Iamb	04 30 03.6
TPNV	Topopah Spring baz=128,SNR=10.0	52.18 321	P	P	04 30 00.8 +0.4
LRMC	Laurel Mtn Rad baz=126	52.22 319	P	P	04 30 01.4 +0.7
FURC	Furnace Creek, baz=128	52.27 320	P	P	04 30 02.4 +1.6
DUG	Dugway Tocolet baz=134,SNR=6.3	52.28 326	P	P	04 30 01.8 +0.7
MPMC	Manual Prospec baz=127	52.43 319	P	P	04 30 01.6 -0.7
BW06	Boulder Array	52.45 331	P	P	04 30 02.0 -0.3
PDAR	Pinedale Array	52.45 331	P	P	04 30 01.6 -0.7
PDAR		52.45 331	PcP	P	04 31 09.6 -1.2
PDAR		52.45 331	P	P	04 30 02.5 +0.2
PDAR	comp=Z,1.1nm,0.6s,baz=123,slow=8.8,SNR=15		PcP	P	04 31 10.6 -0.2
PDAR	comp=Z,1.1nm,0.8s,baz=138,slow=5.1,SNR=7.9		LR	LR	04 53 17.9
HWUT	Hardware Ranch comp=Z,1.1nm,0.6s	52.61 329	Iamb	Iamb	04 30 04.9
R11V	Troy Canyon, C baz=130,SNR=5.3	52.66 323	P	P	04 30 05.0 +1.1
ARVC	Arvin	52.77 318	P	P	04 30 04.7 +0.1
ISA	Isabella, Lake baz=126	52.84 318	P	P	04 30 06.0 +0.8
ID10	Landcut Cutoff comp=Z,6.7nm,0.7s	52.92 330	Iamb	Iamb	04 30 07.2
GMN	Gold Mountain comp=Z,6.1nm,0.9s	53.03 321	Iamb	Iamb	04 30 09.2
CWC	Cottonwood Cre baz=126	53.04 319	P	P	04 30 08.1 +1.4
PKM	Mcherson Peak baz=124	53.31 317	P	P	04 30 09.3 +0.6
VES	Vestal, Richgr baz=125	53.35 318	P	P	04 30 09.0 +0.2
DSP	Deep Springs comp=Z,5.7nm,1.0s	53.52 320	Iamb	Iamb	04 30 12.6
ID07	Smith Canyon R comp=Z,9.1nm,0.6s	53.54 329	Iamb	Iamb	04 30 11.7
ID08	Devils Gate comp=Z,6.3nm,0.8s	53.67 329	Iamb	Iamb	04 30 12.8
ULM	Lac du Bonnet comp=Z,4.4nm,0.8s,baz=164,slow=3.9,SNR=1.7	53.80 346	P	P	04 30 10.7 -1.0
ULM		53.80 346	PcP	P	04 31 15.2 -0.2
IMW	Indian Meadow comp=Z,5.9nm,0.6s	53.96 331	Iamb	Iamb	04 30 16.0
ELK	Elko comp=Z,4.5nm,0.6s	54.01 325	P	P	04 30 14.7 +0.9
ELK	Elko	54.01 325	P	P	04 30 14.6 +0.8
ELK		54.01 325	PcP	P	04 31 17.2 +0.4
ELK		54.01 325	LR	LR	04 53 58.0
RLMT	Red Lodge baz=140	54.10 333	P	P	04 30 14.8 +0.4
OMMB	Old Mammoth Mi comp=Z,5.1nm,0.8s	54.33 320	Iamb	Iamb	04 30 18.5
NVAR	Minia Array Bea comp=Z,2.7nm,0.8s,baz=131,slow=6.5,SNR=16	54.37 321	P	P	04 30 17.7 +1.3
NVAR		54.37 321	PcP	P	04 31 18.8 +0.5
NVAR		54.37 321	LR	LR	04 54 25.8
HLID	Hailey baz=134,SNR=7.9	55.48 328	P	P	04 30 24.5 +0.3
BCYI	Bear Canon	55.48 330	Iamb	Iamb	04 30 24.7 +0.4
MFID	Camas Ranch comp=Z,10.0nm,0.8s	56.15 327	Iamb	Iamb	04 30 31.0
EGMT	Eggleton baz=141	56.55 335	P	P	04 30 31.6 0.0
SCHO	Schefferville	56.90 8	P	P	04 30 33.2 -0.7
SCHO	Schefferville	56.90 8	P	P	04 30 33.7 -0.2
WVOR	Wild Horse Val comp=Z,6.1nm,0.6s,baz=208,slow=2.8,SNR=11	57.05 325	Iamb	Iamb	04 30 37.2
J08A	Circle Bar Ran comp=Z,1.1nm,1.1s	57.54 326	Iamb	Iamb	04 30 40.2
MSO	Missoula baz=136	57.55 331	P	P	04 30 39.3 +0.6
K05A	Summer Lake comp=Z,9.6nm,1.1s	58.54 324	Iamb	Iamb	04 30 48.1
I07A	Ize comp=Z,6.0nm,0.8s	58.58 326	Iamb	Iamb	04 30 48.6
F10A	Beach Ranch, E	58.59 329	Iamb	Iamb	04 30 45.2 -0.7
F10A		58.59 329	Iamb	Iamb	04 30 50.8
YBH	Yreka Blue Hor comp=Z,1.5nm,19.2s,slow=36	59.05 322	LR	LR	04 56 59.9
G08A	Pilot Rock comp=Z,9.0nm,0.7s	59.05 327	Iamb	Iamb	04 30 51.0
G06A	Carlson Farm, comp=Z,8.2nm,0.7s	59.93 326	Iamb	Iamb	04 30 57.4
NEW	Newport	60.09 331	P	P	04 30 55.8 -0.3
NEW		60.09 331	P	P	04 30 55.8 -0.3
H04A	Detroit Lake baz=133	60.47 325	P	P	04 30 59.2 +0.4
H04A		60.47 325	Iamb	Iamb	04 31 00.1
HOOD	Mount Hood Mea comp=Z,12nm,1.1s	60.55 326	Iamb	Iamb	04 31 04.5
LTY	Liberty comp=Z,5.0nm,0.9s	61.22 328	Iamb	Iamb	04 31 05.2
D05A	Enumclaw	61.88 328	P	P	04 31 08.6 +0.5
EDM	Edmonton comp=Z,7.8nm,0.7s	62.01 337	Iamb	Iamb	04 31 09.3
GNW	Green Mountain comp=Z,9.5nm,1.1s	62.56 327	Iamb	Iamb	04 31 14.0
NLWA	Neilton Loukou	63.02 327	Iamb	Iamb	04 31 18.2

CBB	comp=Z,9.8nm,0.8s	65.38 329	Iamb	Iamb	04 31 33.6
IVI	Campbell River comp=Z,8.8nm,1.0s	66.61 15	P	Iamb	04 31 37.4 -1.2
IVI	Ivigtut	66.61 15	P	Iamb	04 31 39.4
NRS	Narsarsuaq	67.32 16	i P	P	04 31 41.5 -1.6
NRS		67.32 16	Iamb	Iamb	04 31 43.7
YKA	comp=Z,12nm,2.4s	69.55 343	LR	LR	05 03 41.9
YKA	Yellowknife Ar comp=Z,25nm,19.9s,baz=286,slow=37	69.55 343	LR	LR	05 03 41.9
SFJD	Kangerlussuaq	71.05 11	i P	P	04 32 02.9 -3.0
SFJD		71.05 11	Iamb	Iamb	04 32 06.7
DY2G	Dye2	71.50 13	i P	P	04 32 07.0 -2.0
DY2G		71.50 13	Iamb	Iamb	04 32 09.4
T35M	Bob Quinn baz=124	71.75 333	P	P	04 32 11.0 +0.6
CRAG	Craig	72.31 331	P	P	04 32 14.8 +1.2
DL4C	Dease Lake baz=126	72.47 334	P	P	04 32 15.5 +0.7
S33M	Telegraph Cree baz=123	72.67 333	P	P	04 32 17.1 +1.3
WRGLY	Wrigley baz=132	72.89 340	P	P	04 32 17.7 +0.7
ILULI	Ilulissat	72.91 10	i P	P	04 32 15.8 -1.1
ILULI		72.91 10	Iamb	Iamb	04 32 18.3
WTLY	comp=Z,14nm,0.7s	72.92 336	P	P	04 32 18.2 +0.9
WTLY	Watson Lake, Y baz=126	72.92 336	P	P	04 32 18.2 +0.9
ANGG	Ammassalik, Gr ANGG	73.00 16	i P	P	04 32 15.5 -2.0
ANGG		73.00 16	Iamb	Iamb	04 32 17.6
LIC	Lamto comp=Z,30nm,0.9s	73.24 83	i P	P	04 32 19.2 -0.9
TIC	Toumin comp=Z,42nm,0.7s	73.28 83	i P	P	04 32 19.2 -1.1
R33M	Jennings River baz=124	73.41 335	P	P	04 32 21.1 +0.8
DBIC	Dimokro	73.44 83	P	P	04 32 20.5 -0.7
KIC	Kosan Boka comp=Z,70nm,0.7s	73.53 83	i P	P	04 32 21.1 -0.7
TGTN	Hyland Airport baz=127	73.55 337	P	P	04 32 22.5 +1.5
Q32M	Katla River	73.74 334	P	P	04 32 22.9 +0.6
S32K	Killisnoo	74.01 332	P	P	04 32 24.4 +0.8
R32K	Esperest baz=120	74.39 333	P	P	04 32 27.0 +1.1
P33M	Teslin, Yukon baz=122	74.64 335	P	P	04 32 28.4 +1.0
KOWA	Kowa	74.89 75	P	P	04 32 28.9 -0.7
ICESG	Greenland Ices ICESG	75.11 13	i P	P	04 32 28.8 -1.4
ICESG		75.11 13	Iamb	Iamb	04 32 30.7
MMPY	Sheldon Lake, comp=Z,29nm,0.6s	75.33 337	Iamb	Iamb	04 32 33.7
MMPY	Sheldon Lake, comp=Z,6.0nm,0.8s	75.33 337	P	P	04 32 32.9 +1.6
SKAG	Skagway baz=120	75.34 334	P	P	04 32 33.7 +2.4
FARO	Far, Yukon baz=122	75.93 337	P	P	04 32 35.9 +1.2
O30N	Mendenhall baz=119	76.32 335	P	P	04 32 37.7 +0.8
M31M	Drury Creek, Y baz=12	76.34 336	P	P	04 32 37.8 +0.9
P29M	Windy Craggy baz=117	76.50 333	P	P	04 32 39.2 +1.3
N31M	Braeburn, Yuko baz=120	76.54 335	P	P	04 32 38.2 +0.1
N31M	Braeburn, Yuko baz=120	76.54 335	P	P	04 32 39.7 +1.6
HYT	Haines Junctio baz=118	76.96 334	P	P	04 32 42.4 +1.8
N30M	Aishikik Lake comp=Z,1.2nm,0.7s	77.08 335	Iamb	Iamb	04 32 43.4
N30M	Aishikik Lake baz=118	77.08 335	P	P	04 32 41.5 +0.3
O29M	Mount Kennedy baz=120	77.19 334	P	P	04 32 42.2 +0.3
YUK6	Outpost Moun baz=117	77.38 334	P	P	04 32 43.3 +0.2
M30M	Minto, Yukon comp=Z,12nm,1.2s	77.49 336	Iamb	Iamb	04 32 45.0
M30M	Minto, Yukon baz=125	77.49 336	P	P	04 32 44.1 +0.7
SUMG	Summit baz=119,SNR=5.4	78.04 11	P	P	04 32 47.0 +0.4
SUMG		78.04 11	Iamb	Iamb	04 32 48.1
SUMG	comp=Z,12nm,0.8s	78.04 11	i P	P	04 32 46.0 -0.7
SUMG		78.04 11	Iamb	Iamb	04 32 47.9
M29M	Somme Creek comp=Z,9.9nm,0.9s	78.11 336	Iamb	Iamb	04 32 48.5
M29M	Somme Creek baz=117,SNR=6.6	78.11 336	P	P	04 32 48.1 +1.2
H31M	Peel River comp=Z,6.0nm,0.8s	78.20 339	Iamb	Iamb	04 32 48.7
H31M	Peel River baz=122,SNR=5.8	78.20 339	P	P	04 32 48.5 +1.3
L29M	L29M baz=118,SNR=10	78.29 336	P	P	04 32 48.8 +1.0
J30M	Hart River baz=120	78.29 338	P	P	04 32 49.0 +1.1
K90M	Barlow Dome comp=Z,7.0nm,0.9s	78.39 337	Iamb	Iamb	04 32 49.9
K29M	Barlow Dome baz=118,SNR=5.8	78.39 337	P	P	04 32 49.2 +0.8
I30M	Mount Dempster comp=Z,8.9nm,0.7s	78.63 339	Iamb	Iamb	04 32 51.6
I30M	Mount Dempster baz=122,SNR=12	78.63 339	P	P	04 32 50.5 +0.7
YUK3	Moose Creek baz=115	78.66 335	P	P	04 32 50.8 +0.8
ESDC	Sonsea Array comp=Z,1.6nm,0.8s,baz=265,slow=5.0,SNR=15	78.72 49	P	P	04 32 49.8 -0.9
G31M	Satah River baz=122,SNR=9.1	78.77 340	P	P	04 32 51.1 +0.9
F31M	Tsigitcheic comp=Z,1.1nm,0.7s	78.88 341	Iamb	Iamb	04 32 52.3
F31M	Tsigitcheic baz=123,SNR=6.4	78.88 341	P	P	04 32 51.7 +0.9
BVCY	Beaver Creek baz=119	79.10 335	P	P	04 32 53.5 +1.2
DAWY	Dawson baz=117	79.23 337	P	P	04 32 53.0 +0.1
A36M	Sachs Harbour baz=132,SNR=6.3	79.27 347	P	P	04 32 52.6 -0.2
INK	Inuvik comp=Z,9.1nm,0.8s	79.28 342	Iamb	Iamb	04 32 54.6
INK	Inuvik baz=123,SNR=6.5	79.28 342	P	P	04 32 54.1 +1.1
INK	Inuvik comp=Z,39nm,18.6s,baz=12,slow=38	79.28 342	LR	LR	05 10 36.9
EPYK	Eagle Plains baz=119	79.33 339	P	P	04 32 53.6 +0.2
EPYK		79.33 339	Iamb	Iamb	04 32 55.3
EPYK	comp=Z,8.1nm,0.7s	79.33 339	P	P	04 32 53.9 +0.5
EPYK	Eagle Plains baz=120,SNR=5.8	79.41 338	P	P	04 32 54.4 +0.6
G30M	Tah Zrail Nj baz=118,SNR=5.4	79.46 340	P	P	04 32 54.7 +0.6
M27K	Edge Creek, AK baz=114	79.51 335	P	P	04 32 55.7 +1.1
MCARA	McCarthy VSAT baz=121,SNR=7.4	79.62 341	P	P	04 32 55.8 +0.8
F30M	Barrier River	79.64 334			

16d 4h

Table with columns: CHUM, Lake Minchumin, 84.49 335 P, P, 04 33 20.7 +0.4, etc. Lists various stations and their coordinates and status.

2017 SEP

Table with columns: WT TA, Wattenberg, 90.85 43 i P, P, 04 33 51.4 +0.1, etc. Lists various stations and their coordinates and status.

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Table with columns: ROCH, comp=N, 131nm, 0.6s, IAML, 04 26 19.1, etc. Lists various stations and their coordinates and status.

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

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

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



16d 5h

Table with columns: MDT, Midelt, 47.24 321 LR, LR, 05 13 24.7, etc. Includes stations like Sonseca Array, ESDC, DAVOX, NOA, MKAR.

IDC 16 04:50:53.6-1.1, 19.33N:120.78E, h0km, mb3.6/5, mbmtop3.6/5, Error ellipse: s-maj=61.7km s-min=23.0km

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

KRSC 16 05:14:13.5-1.7, 48.28N:157.25E, h40km, 33km, MI3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAU, KDR, RUS, MTRV, GRL, SMAR, SDLR.

VAO 16 05:16:43.0-0.9, 21.81S:69.09W, h118km, 8km, mb4.2 SJA 16 05:16:46.3-0.7, 22.21S:68.68W, h116km, 5km, ML3.7, MW3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC, PB09, AF01, PB06, PB07.

GUC 16 05:16:47.7-0.4, 22.20S:68.71W, h114km, 2km, ML3.8 ISC 16 05:18:46.4-0.8, 22.26S:03.6875W, h119km, 7km, n44, c183/69, 7C-2D, Northern Chile

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC, PB09, AF01, PB06, PB07, IMW, PATCX, TA01, TA02, GO01, GO02.

2017 SEP

Table with columns: YJA, Yavi, 3.00 89 eP, Pn, 05 17 35.4 +2.4, etc. Includes stations like HLA, SJA, PB16.

IDC 16 05:20:56.6-0.7, 42.49N:111.41W, h0km, mbmtop3.4/6, ML3.0/6, Error ellipse: s-maj=11.6km s-min=5.2km az=163.0

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

IDC 16 05:20:57.0-0.4, 42.61N:111.39W, h0km, ML4.1/11, Error ellipse: s-maj=5.1km s-min=3.9km az=90.0

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ID06, ID05, AHID, GRRI, ID09, ID09, ID10, ID10, ID10, ID08, ECR, ID07, ID07, ID07, BEI, L17A, BMUT, MLI, HDU, REDW, REDW, NPI, PTU, RSUT, HWUT, WWUT, FXWY, LTU, LOHW, MOOW, HUU, IMW, IMW, IMW, BW06, BW06, BW06, EPU, PD31, PDAR, PDAR, PDAR, TCUT, SPUT, SPUT, SPUT, FLYW, H17A, H17A, HLID, HLID, DUG, DUG, RLMT, RLMT, ELK, ELK, O20A, O20A, K22A, K22A, N23A, N23A, N23A.

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Table with columns: MSO, Missoula, 4.60 338 P, Pn, 05 22 09.1 +2.0, etc. Includes stations like ISCO, R11B, LAO, EGMT, RSSD, MVCO, S22A, S22A, SDCO, NVAR, NVAR, TPNV, NEW, NEW, WUAZ, OGNE, DGMT, YBH, ANMO, ANMO, TXAR, TXAR, G40A, G40A, MGMO, MGMO, CCM, MZA, H2A, E43A.

IDC 16 05:35:44.7-2.7, 14.39N:94.14W, h0km, mb3.7/4, mbmp3.6/5, ML4.2/11, MS3.8/3, Error ellipse: s-maj=55.3km s-min=34.3km az=169.0

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

IDC 16 05:35:49.6-1.9, 15.25N:0.069424W, h0km, 8km, n59, c139/64, mb3.8/5, Near coast of Oaxaca

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CARR, CARR, PCIG, PCIG, NILT, TGIG, TGIG, PATR, PATR, PAVE, PAVE, CHUU, CHUU, RTAL, RUEH, PEIG, PEIG, PETF, ESQI, MTO3, SNET, TEIG, TEIG, TEIG, TEIG, MATN, BOAB, DUNO, LCR2, SOR, 833A, HINDO, 435B, 435B, TX32, TXAR, TXAR, TX31, OZNA, ALPN, ALPN, SGCY, SGCY, ABTX, ABTX, Z47A, Z47A, MIAR, MIAR, FNO, MSTX, MSTX, FCAR, AMTX, AMTX, YOTC, GUY2C, 319A, 319A, POPC, OK035, G02, ORTC, BARC.



16d 6h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HUEH Huehuetenango, PACA Pacayal, RANC El Ranchito, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ALPN Alpine, BOGA Godfrey, ABLE Abilene, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ULM Lac du Bonnet, LPAZ La Paz, EGMT Egleton, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDT Midelt, SPITS Spitsbergen Ar, KOWA Kowa, NOA NORSAR Array B, HFS Hagfors, ARCES ARCES Array B, etc.

NEIC 16 06:39:40.3±0.7, 58°43'N, 0°03'153.55W±0.02, h65km, 7km, Error ellipse: s-maj=4.8km s-min=1.5km az=182.0

AEIC 16 06:39:41.1±0.7, 58°44'N, 0°03'153.59W±0.06, h64km, 4km, ML2.6, ML2.9/48(NEIC), Error ellipse: s-maj=5.0km s-min=4.2km az=154.0, Kodiak Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAPH Katmai Pasha, Q19K Cape Douglas, KAHD Katmai Hook G, SYI Shuyak Island, ANCK Angle Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like L16K Owhat River, SCM Sheep Creek Mo, K17K Iditarod, KLU Klutina, etc.

UPA 16 06:45:11.0±2.4, 7°22'N, 78°22'W, h12km, 21km, MW4.1 RSNB 16 06:45:12.3±1.5, 7°23'N, 78°22'W, h5km, 9km, ML2.7

ISC 16 06:45:11.4±1.3, 7°23'N, 78°22'W, h10km, 11km, n20, c18/43/35, 1C-3D, PANAMA

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTAC Punta Arditia, PTAC Punta Arditia, UPD2 Meteti, SOLC Bahia Solano, etc.

CNRM 16 06:48:44.5, 36°47'N, 7°28'W, h30km, ml2.1 SFS 16 06:48:46.4, 36°64'N, 7°22'W, h14km, ML2.8/17, ML2.9/13, MDD 16 06:48:46.9±0.5, 36°67'N, 7°20'W, h17km, 3km, mb\_Lg2.8/21, Error ellipse: s-maj=4.4km s-min=2.2km az=25.0

INMG 16 06:48:47.1±1.8, 36°65'N, 7°28'W, h23km, 5km, ML2.2, Error ellipse: s-maj=4.2km s-min=2.9km az=28.0

IGIL 16 06:48:48.1, 36°66'N, 7°30'W, h23km, ML2.4 ISL 16 06:48:43.1±1.4, 36°60'N, 0°03'7.24W±0.02, h15km, 11km, n66, c1971/114, 6C-1D, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFS San Fernando, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMUJ Mijas, EVO Evora, EVO Evora, EVO Evora, etc.

NEIC 16 06:57:04.1±1.4, 3°64'N, 0°09'128.5E±0.1, h61km, 8km, mb4.5/27, Error ellipse: s-maj=16.1km s-min=11.9km az=57.0

DDC 16 06:57:04.0±1.4, 3°68'N, 128°69'E, h69km, 37km, mb3.9/9, mbmt4.2/10, ML3.5/1, MS2.9/4, Error ellipse: s-maj=44.8km s-min=14.6km az=72.0

DJA 16 06:58:24.4±0.6, 1°18'N, 12°3E±1, h10km, M2.5/6, MLv2.5/6 ISC 16 06:57:01.4±0.5, 3.67N, 0.06E, 128.74E, 0.09, h45km, n53, c152/52, mb4.5/24, MS2.8/3, North of Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TINTI Ternate, DAV Davao City (W), SIJU Sirong, GTOI Gorontalo, etc.

16d 8h

Table of station data for the 16d 8h region, including station names, codes, coordinates, and various data points. Includes sub-sections for 'Komandorsky Islands region' and 'GCG 16:07:15:48.2:2.14:57N:90:62W, h41km, 98km, MD3.0'.

2017 SEP

Main table of station data for the 2017 SEP region, including station names, codes, coordinates, and various data points. Includes sub-sections for 'Honshu' and 'RSRP 16:07:50:31.4, 18:45N:64:05W, h34km, 21km, MD3.6/12'.

1144

Table of station data for the 1144 region, including station names, codes, coordinates, and various data points. Includes sub-sections for 'Gulpinar-Canak', 'Canakkale, Ayy', 'Paraskevi', 'Ayyalik', 'CANAKKALE\_Bayr', 'Lesvos Island', 'Polichnitos, L', 'Ezine', 'Ezine', 'Ezine', 'Balikesir, Bur', 'Canakkale, Ece', 'Canakkale-Mer', 'Candarli', 'Zmir-Bergama', 'Zmir-Focarub', 'anakkale-Gk', 'Gvkgeada', 'Marmaro, Chios', 'BALIKESIR\_Sava', 'Chios Island', 'PSARA', 'Balikesir', 'Smothraki Isl', 'Smothraki Isl', 'Balikesir-Mer', 'Sarkoy-Tekirda', 'Golmarmara-Man', 'Edincik', 'Alexandroupoli', 'Alexandroupoli', 'Sarkoy-Tekirda', 'Balikesir-Mer', 'Balikesir-Mer', 'Balikesir-Mer', 'Balikesir-Mer', 'Balikesir-Mer'.

Table with columns: BAND, Name, RA, DEC, AZ, SNR, and other technical parameters for various stations and frequencies.

Table with columns: BAND, Name, RA, DEC, AZ, SNR, and other technical parameters for various stations and frequencies.

Table with columns: Code, Station Name, RA, DEC, AZ, SNR, Phase ID, Time, Res, and other technical parameters for various stations and frequencies.

ATH 16 08:19:51.6, 35:29N-27.68E, h12km, 3km, ML2.8/4, Manual Solution by S.Liakopoulos First location: 2019/05/05 10:16:24, This location: 2019/12/30 23:09:23 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 3 km, Longitude uncertainty: 2 km

Table with columns: ARG, comp, S, Sn, time, offset. Includes stations like ARG, DENIZLI, TAVAS, ZMIR, etc.

Table with columns: ATHU, comp, AML, AML, time, offset. Includes stations like ATHU, ANKY, LOUT, ALN, etc.

Table with columns: HRFI, Mount, time, offset, Pn, Sn, etc. Includes stations like HRFI, MBRI, MBRI, EIL, etc.

Table listing stations ZALV, DBIC, WMQ, SFJD, SONM, TSUM, HHC, CMAR, MA2, USRK, ASAJ, PDAR with their respective codes, station names, and coordinates.

DDA 16 08:34:02.5-0.0,39:43N:26:40E,h7km,1km,ML1.5,

Table listing stations like KOCA, AYVA, BAYC, BOZC, BOZC with codes, station names, and coordinates.

MDD 16 08:40:53.9-1.5,36:71N:9:63W,h17km,5km,mb\_Lg2.3/2,

INMG 16 08:40:53.7-1.3,36:67N:9:05W,h14km,5km,ML1.6, Error ellipse: s-maj=7.0km s-min=5.6km

SFS 16 08:40:53.8,36:66N:9:64W,h23km,ML2.7/8,ML3.0/5,

IGIL 16 08:40:53.6,36:65N:9:67W,h16km,ML1.2

CNRMR 16 08:41:03.1,36:08N:7:89W,h0km,m1/3.0

ISC 16 08:40:52.0-1.8,36:70N:0:06E,9:63W,0.08,h10km,n34,

16:28/48.5C,West of Gibraltar

Large table listing stations from PFVI to OUZM with codes, station names, and coordinates.

MEX 16 08:53:29.5-0.6,15:57N:95:22W,h12km,32km,MD4.2

NEIC 16 08:53:31.4-1.8,15:70N:0:19E,46:00S,h13km,11km,

mb4.0/9,MD4.2/8(MEX), Error ellipse: s-maj=14.7km

ISC 16 08:53:32.3-1.1,15:78N:0:08E,95:38W,0.05,h35km,n27,

c15/11/31, Near coast of Oaxaca

Table listing stations HUIG, HUIG with codes, station names, and coordinates.

Table listing stations PEIG, OXIG, WHO, XUVU, HUEH, RTAL, METO, PTF3, MONTECRISTO, SCRIN, CORN, HKT, DRIO, 4A1A, 4A1A, TXAR, OZNA, ALPN, FW13, SGCY, ABTX, Z1A, WLAR, W35A, DEOK with codes, station names, and coordinates.

IDC 16 09:29:27.7-1.0,37:10N:27:78E,h0km,mb3.9/5,

s-maj=26.5km s-min=15.8km az=165.0

DDA 16 09:29:28.4-0.0,37:14N:27:73E,h7km,5km,MW3.7

ISK 16 09:29:28.8,37:15N:27:72E,h6km,ML3.6/3.0

ATH 16 09:29:29.2,37:18N:27:71E,h9km,3km,ML3.6/6,Manual

Solution by S.Liakopoulos First location: 2019/05/30

07:53:24, This location: 2019/05/30 07:52:34 ML

Amplitudes are expressed in micrometers. All distances

are expressed in degrees Latitude uncertainty: 1 km;

Longitude uncertainty: 2 km

THE 16 09:29:29.0,37:14N:27:72E,h1km,1km,ML3.8/3,Error

ellipse: s-maj=1.0km s-min=0.3km az=80.0

ISC 16 09:29:29.1-0.8,37:10N:0:02E,14:22Z,0.02,h14km,5km,

n83,c089E/14,mb3.7/5,Turkey

Large table listing stations from RFTAA to DIKILL with codes, station names, and coordinates.

Table listing stations EAG1, ZKR, IDI, LIA, SMTH, ALN, BRTR, MMAL, MLR, ASF, ASF, EIL, EIL, GERES, GEYT, ESDC, TORD, KURBB, MKAR with codes, station names, and coordinates.

JMA 16 09:33:40.4-0.1,40:42N:0:3k:142:1E:0.7,h50km,MV3.3/40,

NE OFF IWATE PREF

JMA Feil J1 at NE OFF IWATE PREF

IDC 16 09:33:42.0-2.4,40:37N:142:18E,h77km,23km,mb3.2/4,

mbtmp3.6/8, Error ellipse: s-maj=35.2km s-min=17.6km

az=103.0

ISC 16 09:33:40.5-1.0,40:36N:0:04:142:02E,0.08,h51km,8km,

n24,c110:27,mb3.6/4,13D,Near east coast of eastern

Honshu

Table listing stations like JKEN, JANG, JTH, JKH, JJK, JAR, JAT, JOM, JAH, JAH, JOI, JRG, ASH, ASAJ, MJAR, USRK, PETK, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, ZALV, MKAR, KURBB, WRA with codes, station names, and coordinates.

ANF 16 09:45:49.9-0.2,33:16N:115:61W,h22km,3km,ML3.2/18,

Error ellipse: s-maj=3.1km s-min=1.6km az=129.0

NEIC 16 09:45:50.3-2.0,33:183N:0:005:115:636W,0:010,

h10km,1km, Error ellipse: s-maj=2.4km s-min=1.7km

az=51.0

PAS 16 09:45:50.2-2.33:170N:0:009:115:62W,0:01,

h9km,2km,ML3.4/256,ML3.1/42(NEIC), Error ellipse:

s-maj=1.4km s-min=1.3km az=205.0

ISC 16 09:45:50.3-0.8,33:18N:0:01:115:64W,0:02,h18km,4km,

n110,c081/153,Southern California

Table listing stations like CL12, WEMD, ERMO, ERRC, BOMB, SWSC, SWSC, SUP, SUP, IMPE, SALT, SALN, COK2, CNK2, SNR, CRR, CRR, DRES, WESC, BC3, BC3, BC3 with codes, station names, and coordinates.





16d 10h

Table of 16d 10h data with columns for call letters, location, time, and various performance metrics.

2017 SEP

Main table of 2017 SEP data, organized in columns for call letters, location, time, and performance metrics.

1150

Table of 1150 data with columns for call letters, location, time, and various performance metrics.



UOSS		P	P	10 17 27.8 +1.7
JLN	Jalan Bani Buh	28.37 233	P	10 17 28.3 +1.8
JLN	SNR=9.7		P	10 17 28.3 +1.8
JLN	SNR=9.7		P	10 17 28.3 +1.8
HATD	Hatta, Dubai	28.45 241	i P	10 17 29.0 +1.7
HATD	SNR=7		P	10 17 28.9 +1.7
HATD	Hatta, Dubai	28.45 241	P	10 17 28.9 +1.7
HATD	SNR=14		P	10 17 28.9 +1.7
SMDO	Samad	28.50 236	P	10 17 29.5 +1.7
SMDO	SNR=19		P	10 17 29.8 +1.2
ASHO	Ashiyah	28.60 241	i P	10 17 30.2 +1.6
ASHO	SNR=22		P	10 17 30.2 +1.6
ASHO	SNR=22		P	10 17 30.2 +1.6
ASHO	SNR=22		P	10 17 30.2 +1.6
NAZ	Nazwa, Dubai	28.65 242	P	10 17 30.5 +1.5
NAZ	SNR=9.4		P	10 17 30.5 +1.5
SOHO	SOHO	28.68 240	P	10 17 30.3 +1.0
SOHO	SNR=20		P	10 17 30.7 +1.4
SOHO	SNR=20		P	10 17 30.7 +1.4
NAX	Nakhchivan	28.82 277	P	10 17 30.4 -0.1
FAQ	Al Faqa, Dubai	28.86 242	i P	10 17 32.0 +1.1
FAQ	SNR=4		P	10 17 32.3 +1.4
JMDO	Jabal Madar	28.98 235	P	10 17 33.8 +1.8
JMDO	SNR=13		P	10 17 32.4 +0.4
DL2	Dalian	29.01 84	e P	10 22 23.3 +0.7
DL2			S	
DL2			P	
DL2	comp=Z,32nm,1.2s		Pmax	
DL2	comp=Z,570nm,3.9s		LR	
DL2	comp=Z,4um,15.2s		LR	
DL2	comp=Z,5um,16.0s		LR	
DL2	comp=Z,7um,19.8s		LR	
GNI	Garni	29.08 279	i P	10 17 33.0 +0.1
GNI	SNR=203nm,1.5s		IAMB	10 18 28.1
GNI	Garni	29.08 279	P	10 17 34.5 +1.7
GNI	Garni	29.08 279	P	10 17 33.4 +0.5
GNI	Garni	29.08 279	P	10 17 33.4 +0.5
GNI	Garni	29.08 279	i P	10 17 34.6 +1.7
GNI	comp=Z,111nm,1.7s		MLR	
NCK	Nalchik	29.10 286	i P	10 17 33.7 +0.9
NCK	comp=Z,19nm,0.4s		MLR	
NCK	comp=Z,2um,14.0s		P	
ASUD	Al Ashush, Dub	29.12 242	P	10 17 34.4 +1.2
ASUD	Gofitskoye	29.21 290	e P	10 17 34.7 +0.9
ALNE	Al Ain	29.24 241	P	10 17 35.6 +1.3
ALNE	SNR=19		P	10 17 35.6 +1.3
ARQ	Araqi	29.26 239	P	10 17 36.1 +1.7
ARQ	SNR=40		P	10 17 36.1 +1.7
ARQ	SNR=40		P	10 17 36.1 +1.7
BSY	Bisya	29.26 237	P	10 17 36.4 +1.9
BSY	SNR=9.9		P	10 17 36.4 +1.9
KBZ	Khabaz	29.55 287	i P	10 17 36.4 -0.4
KBZ	comp=Z,25nm,1.1s		MLR	
KBZ	comp=Z,5um,15.0s		MLR	
KBZ	Khabaz	29.55 287	P	10 17 36.9 +0.1
KBZ	comp=Z,5.5nm,0.7s,baz=77,slow=9.5,SNR=15		LR	10 31 34.2
KBZ	comp=Z,4um,18.5s,baz=74,slow=41		LR	
SNY	Shenyang	29.60 77	i P	10 17 37.3 0.0
SNY	SNR=66nm,1.1s		S	10 22 37.3 +0.4
SNY	comp=Z,450nm,6.4s		Pmax	
SNY	comp=Z,5um,10.7s		LR	
SNY	comp=Z,12um,14.7s		LR	
SNY	comp=Z,15um,14.2s		LR	
AKH	Akhalkalaki	29.64 282	P	10 17 38.0 +0.1
AKH	comp=Z,271nm,1.6s		IAMB	10 17 41.2
AKH	Akhalkalaki	29.64 282	P	10 17 38.0 +0.1
AKH	comp=Z,271nm,1.6s		Pmax	
KVAR	Kislovodsk Arr	29.65 287	LR	10 29 30.7
KIV	Kislovodsk	29.65 287	P	10 17 37.9 0.0
KIV	SNR=11		P	10 17 37.4 -0.5
KIV	Kislovodsk	29.65 287	P	10 17 38.6 +0.8
KIV	SNR=11		e P	10 17 38.2 +0.3
KIV	Kislovodsk	29.65 287	e S	10 22 34.5 +1.6
KIV	comp=Z,17nm,1.0s		Pmax	
KIV	comp=Z,2um,15.0s		MLR	
VRH	Novokhoporsky	29.69 302	e P	10 17 38.0 +0.1
VRH	comp=Z,50nm,0.8s		Pmax	
VRH	comp=Z,4um,14.0s		MLR	
NJ2	Nanjing	29.77 98	i P	10 17 39.3 +0.4
NJ2	comp=Z,42nm,0.8s		PcP	10 20 40.9 -1.4
NJ2	comp=Z,2um,4.8s		ScS	10 28 18.8 0.0
NJ2	comp=Z,7um,15.2s		Pmax	
NJ2	comp=Z,11um,15.6s		Pmax	
NJ2	comp=Z,14um,15.9s		LR	
PRGR	Permogore	29.78 324	e P	10 17 37.1 -1.5
PRGR	comp=Z,38nm,0.6s		Pmax	
MHTO	MHTO	30.11 233	P	10 17 43.5 +1.5
MHTO	SNR=22		P	10 17 43.5 +1.5
CN2	Changchun	30.50 73	P	10 17 45.1 -0.1
CN2	comp=Z,2um,15.0s		P	10 17 49.6 -1.0
CN2	comp=Z,20nm,0.6s		PcP	10 20 44.8 +0.8
CN2	comp=Z,300nm,3.0s		S	10 22 44.0 -2.0
CN2	comp=Z,6um,12.0s		Pmax	
CN2	comp=Z,10um,12.0s		LR	
CN2	comp=Z,6um,13.0s		LR	
JRN	Qarnain Island	30.56 246	P	10 17 47.2 +1.3
JRN	SNR=22		P	10 17 47.2 +1.3
SRDT	SRDT	30.84 149	P	10 17 49.2 +0.7
ZEA	Zeya	31.02 53	e P	10 17 50.6 +0.9
ZEA			S	10 22 51.2 -2.7

ZEA			e	10 24 36.6
ZEA	comp=E,300nm,2.1s		Pmax	
ZEA	comp=Z,300nm,2.0s		Pmax	
ZEA	comp=E,60nm,1.7s		Pmax	
ZEA	comp=N,30nm,0.7s		Pmax	
ZEA	comp=Z,80nm,1.4s		Pmax	
ZEA	comp=N,500nm,7.0s		Smax	
HEH	Heihe	31.06 60	e P	10 17 48.5 -1.6
HEH	SNR=16		S	10 22 53.9 -0.8
HEH	comp=N,160nm,1.3s		Pmax	
HEH	comp=N,890nm,3.5s		Pmax	
HEH	comp=N,6um,11.1s		LR	
HEH	comp=N,12um,11.4s		LR	
HEH	comp=N,15um,11.9s		LR	
DQM	DQM	31.18 233	P	10 17 53.2 +1.7
DQM	SNR=5.4		P	
VORD	Divnogorie	31.22 302	e P	10 17 51.1 -0.4
VORD	comp=Z,60nm,0.6s		Pmax	
VORD	comp=Z,2um,10.0s		MLR	
VORR	Voronezh	31.27 303	e P	10 17 52.2 +0.3
VORR	comp=Z,102nm,1.6s		Pmax	
VORR	comp=Z,4um,18.0s		MLR	
GZH	Guangzhou	31.30 118	P	10 17 51.4 -1.0
GZH	comp=Z,48nm,1.4s		S	10 22 59.0 +0.3
GZH	comp=Z,3um,8.9s		Pmax	
GZH	comp=Z,3um,10.5s		LR	
VSR	Storozhevoje	31.30 302	e P	10 17 52.0 -0.2
VSR	comp=Z,70nm,0.8s		Pmax	
VSR	comp=Z,3um,13.0s		MLR	
LPSR	Galich ya Gora	31.45 305	e P	10 17 52.7 -0.8
LPSR	comp=Z,100nm,0.8s		Pmax	
LPSR	comp=Z,4um,12.0s		MLR	
MZR	Muzera	31.46 242	i P	10 17 54.1 +0.2
MZR	SNR=16		P	
MZR	Muzera	31.46 242	P	10 17 55.3 +1.5
MZR	SNR=30		P	
MZR	SNR=30		P	10 17 55.3 +1.5
SAKB	Bahrain	31.48 250	P	10 17 55.4 +1.4
BNX	BinXian	31.52 68	i P	10 17 54.3 +0.1
BNX	comp=Z,38nm,0.9s		Pmax	
BNX	comp=Z,480nm,3.5s		Pmax	
SIRT	Sirnak	31.64 275	P	10 17 55.9 +0.4
NAYO	Nakonayok	31.75 146	P	10 18 01.1 +3.6
SSE	Sheshan	31.97 98	P	10 17 56.4 -1.9
SSE	comp=Z,98nm,1.2s		S	10 23 07.8 -1.3
SSE	comp=Z,520nm,6.0s		Pmax	
SSE	comp=Z,1um,15.7s		Pmax	
SSE	comp=Z,3um,15.9s		LR	
QIZ	Qiongzong	32.12 128	P	10 17 59.3 -0.4
QIZ	comp=Z,37nm,1.2s		PP	10 19 12.8 +0.5
QIZ	comp=Z,4um,11.4s		S	10 23 13.9 +2.3
QIZ	comp=Z,6um,10.5s		Pmax	
QIZ	comp=Z,8um,13.7s		LR	
QIZ	comp=Z,7um,19.0s		LR	
QIZ	Qiongzong	32.12 128	IAMS_20	10 32 45.3
HKPS	Hong Kong Po S	32.39 118	i P	10 18 03.8 +1.8
MOS	Moscow	32.39 311	P	10 17 59.8 -1.9
MOS	comp=E,200nm,0.7s		P	10 07.3
MOS	comp=E,101nm,0.6s		i S	10 23 12.8 -2.5
MOS	comp=Z,200nm,0.7s		e S	10 25 09.0 +1.2
MOS	comp=E,101nm,0.6s		Pmax	
MOS	comp=Z,600nm,0.9s		Pmax	
MOS	comp=Z,430nm,0.7s		Pmax	
MOS	comp=Z,10um,12.0s		MLR	
MOS	comp=E,7um,11.0s		MLR	
OBN	Obninsk	32.95 310	i P	10 18 06.8 +0.2
OBN	Obninsk	32.95 310	P	10 18 05.9 -0.7
OBN	comp=Z,226nm,1.3s		IAMB	10 18 08.0
OBN	Obninsk	32.95 310	i P	10 18 06.5 -0.1
OBN	comp=Z,2um,15.0s		e PP	10 18 09.9 -2.0
OBN	comp=Z,2um,15.0s		i SP	10 18 14.7 +0.6
OBN	comp=Z,2um,15.0s		i PPP	10 19 16.4
OBN	comp=Z,2um,15.0s		e	10 19 26.9
OBN	comp=Z,2um,15.0s		e S	10 23 30.5 +6.6
OBN	comp=Z,2um,15.0s		e SSS	10 25 28.7 +7.5
OBN	comp=Z,2um,15.0s		i SSS	10 25 51.8
OBN	comp=Z,103nm,1.1s		Pmax	
OBN	comp=Z,5um,17.0s		MLR	
OBN	Obninsk	32.95 310	LR	10 31 55.6
ANN	Anapa	33.18 290	i P	10 18 08.7 0.0
ANN	comp=Z,6um,19.2s,baz=86,slow=37		P	10 19 16.9
ANN	comp=Z,109nm,0.8s		e S	10 23 29.2 +1.5
ANN	comp=N,15nm,0.6s		e S	10 25 30.4 +3.3
ANN	comp=Z,109nm,0.8s		Pmax	
ANN	comp=N,15nm,0.6s		Pmax	
ANN	comp=E,23nm,0.6s		Pmax	
ANN	comp=Z,4um,13.0s		MLR	
INCN	Inchon	33.20 83	P	10 18 08.3 -0.7
INCN	comp=Z,2um,15.0s		IAMS_20	10 32 44.5
INCN	comp=Z,2um,15.0s		P	
INCN	comp=Z,2um,15.0s		P	10 18 09.0 0.0
INCN	comp=Z,2um,15.0s		P	10 18 08.3 -0.7
INCN	comp=Z,66nm,1.1s		Pmax	
INCN	comp=Z,9um,22.0s		MLR	
MDJ	Mudanjiang	33.25 70	P	10 18 08.1 -1.3
MDJ	comp=Z,9um,22.0s		PcP	10 20 51.2 -0.5
MDJ	comp=Z,9um,22.0s		S	10 23 28.8 0.0
MDJ	comp=Z,79nm,1.4s		SnSn	10 25 29.9 +0.8
MDJ	comp=Z,720nm,5.3s		Pmax	
MDJ	comp=Z,6um,13.0s		LR	
MDJ	comp=Z,17um,14.1s		LR	
MDJ	comp=Z,22um,13.9s		LR	
MDJ	Mudanjiang	33.25 70	P	10 18 09.2 -0.2
MDJ	comp=Z,142nm,1.4s		IAMB	10 18 12.8

MDJ	Mudanjiang	33.25 70	P	10 18 09.9 +0.5
QZH	Qanzhou	33.63 110	i P	10 18 17.8 +4.9
QZH	comp=Z,5um,17.1s		LR	10 23 41.3 +6.3
QZH	comp=Z,4um,15.9s		LR	
QZH	comp=Z,6um,13.7s		LR	
YAK	Yakutsk	33.64 38	P	10 18 12.2 -0.4
YAK	Yakutsk	33.64 38	e P	10 18 11.9 -0.7
YAK	Yakutsk	33.64 38	e PP	10 18 17.3 -0.6
YAK	Yakutsk	33.64 38	e S	10 19 36.1
YAK	Yakutsk	33.64 38	e S	10 23 39.8 +5.3
YAK	Yakutsk	33.64 38	e SSS	10 23 46.0 +2.4
YAK	Yakutsk	33.64 38	e S	10 26 07.2 +7.6
YAK	comp=Z,107nm,1.3s		Pmax	
YAK	comp=N,35nm,1.3s		Pmax	
YAK	comp=E,73nm,1.3s		smax	
YAK	comp=N,305nm,1.9s		smax	
YAK	comp=E,232nm,1.9s		MLR	
YAK	comp=Z,2um,15.0s		MLR	
YAK	comp=E,12um,12.0s		MLR	
ADZR	Andozero	33.75 326	e P	10 18 12.1 -1.4
ADZR	comp=N,5um,11.0s		Pmax	
KLR	Kul'dur	33.95 61	i P	10 18 15.9 +0.5
KLR	comp=Z,185nm,1.6s		Pmax	
KLR	comp=Z,4um,16.0s		MLR	
KLR	Kul'dur	33.95 61	LR	10 32 49.2
KS19	Wonju Array Si	34.10 83	IAMB	10 18 18.4
KSAR	Wonju Array Be	34.14 83	P	10 18 16.3 -0.9
KSAR	Wonju Array Be	34.14 83	P	10 18 16.3 -0.9
KSRS	Korea Array	34.16 83	P	10 18 16.9 -0.5
KSRS	comp=Z,9.6nm,0.5s,baz=282,slow=8.1,SNR=36		PcP	10 20 53.4 -0.8
KSRS	comp=Z,8.1nm,1.1s,baz=295,slow=8.0,SNR=1.9		LR	10 33 35.4
KSRS	comp=Z,2um,21.3s,baz=280,slow=39		LR	
TJN	Taejon	34.16 85	e P	10 18 17.9 +0.5
DOK	Doka	34.24 236	P	10 18 19.7 +1.5
DOK	DMTO	34		



Table with columns for station code, name, frequency, and other parameters. Includes stations like KBS Kingsbay, AXAR Agios Charalam, SMOL Smolenice, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like GOPC Dobruška, DOMB Dobruška, KALN Kalnik, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like BOJS Bojanci, BOJS Bojanci, UDBNA Udbina, etc.

16d 10h

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like FETA, DGAR, TEOL, etc.

2017 SEP

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like DILA, LEM, BBI, etc.

1154

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like MCH1, FLN, CAF, etc.

1155

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like KMBO Kilima Mbogo, F14K Arctic Creek, NLA1 Namlea, etc.

2017 SEP

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like PAB, H20K Antofagasta, K15K Wolf Creek, etc.

16d 10h

Table with columns: Station Name, Frequency, Modulation, Power, and other technical details. Includes stations like M16K Timber Creek, I23K Minto, Yukon-K, G26K Porcupine, etc.









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tegucigalpa, UN, N'azarevskaya, NVL, etc.

16d 10:16:48.7-5.9, 2.91S, 127.05E, h0km, mb3.9z, mbtmp4.1/4, ML4.1/2, Error ellipse: s-maj=106.3km s-min=36.1km az=117.0

DJA 16:10:17.00.6-0.6, 3.5S, 12.8E, h51km, M3.8/5, ML3.8/5

ISC 16:10:17.00.7-1.0, 3.35S, 0.07, 127.95E, 0.04, h35km, n9, r154/14, Seram

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

HEL 16:10:17.03.4-0.1, 61.08N, 21.29E, h0km, ML1.3, Explosion, Finland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINESS Array S, Matsula.

MTSE comp=Z,1.5nm,0.1s 2.69 151 eSG Sb 10 18 25.2 -0.6

DNK 16:10:17.54.8-0.5, 61.06N, 21.62E, h0km, ML2.5(UPP), Suspected explosion

HEL 16:10:17.56.5-0.1, 61.09N, 21.34E, h0km, ML1.3, Explosion

UPP 16:10:17.57.8-1.4, 60.99N, 21.16E, h0km, ML2.5

ISC 16:10:17.54.8-0.1, 61.12N, 21.31E, 0.03, h0km, m21, r041/31, Finland

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

MEX 16:10:18.27.2-0.6, 14.93N, 94.31W, h16km, 25km, MD4.5

NEIC 16:10:18.28.8-1.7, 14.94N, 0.05, 94.21W, 0.05, h34km, 7km, mb4.5/163, Md4.5/15(MEX), Error ellipse: s-maj=8.6km s-min=6.1km az=134.0

IDC 16:10:18.30.1-3.3, 14.94N, 93.99W, h54km, 28km, mb3.8/13, MUG mbtmp4.0/15, ML4.2/MS4.6/1, Error ellipse: s-maj=27.3km s-min=14.2km az=53.0

GCG 16:10:18.36.0-0.5, 15.16N, 93.52W, h27km, 99km, MD4.2

ISC 16:10:18.26.4-0.5, 14.81N, 0.05, 94.29W, 0.04, h28km, n305, r156/268, mb4.4/59, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Florida, Arriaga, Santiago Niite, etc.

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

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

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

comp=Z,0.2nm,0.3s,baz=152,slow=11,SNR=15

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Natx, Natx, Natx, etc.

16d 10h

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like San Pablo de B, West end E0370, San Lorenzo, WWT Waverly, etc.

2017 SEP

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Kent School, Forest Hills, Extrema, Manacapurua, etc.

1160

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes Islands, Devils Point, Koumac, etc.



Table of astronomical observations for 16d 11h, listing stations like BOS, BOA, BOSA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2017 SEP, listing stations like CER, KOM, MOP, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 1162, listing stations like CHU, TGBT, PANG, etc., with columns for station name, coordinates, and observation details.

ICD 16 11:19:02.71.9, 7.47'S, 128.99'E, h118km, l18km, m3.9/2, mbmp4.2/6, Error ellipse: s-maj=26.6km s-min=14.5km

NEIC 16 11:19:04.4, 1.1, 7.44'S, 0.09x128.83E, 0.07, h134km, 14km, mb4.2/6, Error ellipse: s-maj=15.9km s-min=4.5km

ISC 16 11:19:03.4, 0.7, 7.48'S, 0.06x128.86E, 0.05, h131km, n31, e25/34, mb4.0/3, Banda SEA

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res, Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, Res. Lists various station codes and their associated data.

GCG 16 11:23:11.8, 2.8, 14.41'N:95.03'W, h25km, 999km, MD5.0

ICD 16 11:23:18.0, 2.0, 6.14, 69'N:94.19'W, h0km, mb4.4/19, mbmp4.4/21, ML3.8/2, MS4.8/2, Error ellipse: s-maj=23.4km s-min=13.7km az=63.0

MEX 16 11:23:18.0, 0.5, 14.34'N:94.38'W, h5km, MD5.2

GCMT 16 11:23:22.4, 1.9, 14.37'N:94.23'W, 0.01, h15km, s106.4/106, Moment Tensor Solution, s88, c131, s106.c172, Duration: t51, Moment tensor: Scale 10^17 Nm; Mn:0.07e-01; M0:0.26e-01; M0:0.19e-01; M0:1.5e-03; M0:0.03e-01; M0:0.71e-03; Best double couple: M0:1.37200e+10^17 NP1:0.122,00000; 888,00000; 1,99,00000; NP2:0.223,00000; 89,00000; 1,11,00000; Principal axes: T:1.3530, P1:46.0000; Azm41,0000; N:0.0370, P1:9.0000; Azm203,0000; P:-1.3900, P1:43.0000; Azm203,0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

NEIC 16 11:23:25.4, 1.9, 14.37'N:94.01'W, h52km, 7km, mb4.9/227, Mds, 2/13(MEX) Error ellipse: s-maj=9.3km s-min=8.7km az=61.0

ISC 16 11:23:21.3, 0.6, 14.83'N:0.04, 94.25'W, 0.04, h33km, 11km, h33km; pp-P, n777, e1968/720, mb4.9/104, MS5.0/83, Off coast of Chiapas

Table with columns: Code, Station Name, Delta A, Delta Z, Op, Phase ID, Time Res, Res, Code, Station Name, Delta A, Delta Z, Op, Phase ID, Time Res, Res. Lists various station codes and their associated data.

SN01	comp-Z,74nm,1.0s	18.94	343	P	Pn	11 27 41.2	+0.8
SN01	Snyder 1			I	Iamb	11 27 51.4	
Z47A	comp-Z,145nm,1.4s	19.13	16	P	Pn	11 27 42.1	-0.6
Z47A	Carrollton			I	Iamb	11 27 52.4	
APMT	comp-Z,51nm,1.1s	19.17	345	P	Pn	11 27 44.5	+1.3
APMT	Aspermont			I	Iamb	11 27 47.6	
TIGA	comp-Z,44nm,0.6s	19.20	29	P	Pn	11 27 43.6	+0.1
TIGA	Tifton			P	P	11 27 40.4	-2.0
LOOK	comp-Z,212	19.26	353	P	Pn	11 27 44.8	+0.5
LRAL	Love County			P	Pn	11 27 44.0	0.0
LRAL	Lakeview Retre			I	Iamb	11 27 50.9	
LRAL	comp-Z,91nm,1.9s	19.29	19	P	P	11 27 42.6	-0.7
POST	Lakeview Retre			I	Iamb	11 27 55.6	
POST	Post			P	Pn	11 27 45.1	+0.2
Y45A	comp-Z,66nm,1.3s	19.43	12	P	Pn	11 27 45.8	-0.4
Y45A	Yeager Farm, C			I	Iamb	11 27 58.2	
X40A	comp-Z,76nm,1.3s	19.61	3	P	P	11 27 47.2	+0.3
MNTX	Basin Creek Fa			P	Pn	11 27 50.4	+1.7
MNTX	Cornudas Mount			P	Pn	11 27 48.2	+1.0
MIAR	comp-Z,146,SNR=12	19.64	2	P	P	11 27 46.9	-0.3
MIAR	Mount Ida			I	Iamb	11 28 02.8	
MIAR	comp-Z,114nm,1.6s	19.64	2	P	P	11 27 47.0	-0.3
UREC	Mount Ida			eP	P	11 27 47.8	+0.3
X37A	baz=181,SNR=20	19.65	109	eP	Pn	11 27 50.1	+0.7
X37A	San Jos de Ur			I	Iamb	11 28 00.8	
DKNS	comp-Z,121nm,1.7s	19.70	343	P	Pn	11 27 49.5	-0.1
DKNS	Dickens			I	Iamb	11 27 59.8	
152A	comp-Z,82nm,0.9s	19.77	24	P	Pn	11 27 50.1	-0.2
UJALR	Waverly Hall			P	P	11 27 51.5	-0.7
UJALR	University of			I	Iamb	11 28 01.2	
OXF	comp-Z,172nm,2.0s	20.08	12	P	P	11 27 51.8	-0.1
OXF	Oxford			I	Iamb	11 28 08.9	
OXF	comp-Z,153nm,1.9s	20.08	12	P	P	11 27 52.1	+0.2
255A	Oxford			P	Pn	11 27 53.3	-1.2
255A	Hazlehurst			I	Iamb	11 28 06.1	
ARGC	comp-Z,127nm,1.5s	20.15	102	eP	Pn	11 28 06.9	+1.2
Y49A	Ariguani, Magd			I	Iamb	11 27 54.3	+0.7
Y49A	Blount Mountai			I	Iamb	11 28 03.4	
WMOK	comp-Z,65nm,1.6s	20.24	349	P	Pn	11 27 54.4	+0.6
WMOK	Wichita Mounta			I	Iamb	11 28 07.8	
WMOK	comp-Z,89nm,1.6s	20.24	349	P	P	11 27 54.2	+0.5
PLMC	Wichita Mounta			eP	Pn	11 27 57.3	+1.2
HELC	San Jos del P			P	Pn	11 27 55.6	+0.7
ZARC	Santa Helena			eP	P	11 27 55.3	+0.1
MSTX	Zaragoza, Cauc			eP	P	11 27 58.2	+0.9
MSTX	Muleshoe			P	P	11 27 57.9	+0.6
MSTX	Muleshoe			P	P	11 27 57.9	+0.6
X48A	comp-Z,155,SNR=22	20.59	17	P	P	11 27 57.3	-0.2
X48A	Hartselle			I	Iamb	11 28 13.6	
Y0TC	comp-Z,126nm,1.9s	20.67	120	eP	P	11 27 59.4	+0.7
Y0TC	Yotoco, Valle			P	P	11 27 59.8	+1.2
JAMC	OKLAHOMA CITY			P	P	11 28 01.4	-1.0
JAMC	Jamundri Valley			P	P	11 28 01.3	-1.3
PLAL	Pickwick Lake			P	Pn	11 28 03.1	-0.8
GUY2C	Guayana, Caldas			P	P	11 28 00.7	-0.5
GOGA	Godfrey			P	P	11 27 59.7	-1.5
GOGA	Godfrey			P	P	11 28 04.0	+1.6
TUL3	Leonard			P	P	11 28 01.4	-1.0
TUL3	Leonard			P	P	11 28 02.6	+0.1
FCAR	comp-Z,175,SNR=6.5	21.06	5	P	P	11 28 08.3	
FCAR	Ozark Folk Cen			I	Iamb	11 28 03.7	+1.0
AMTX	comp-Z,25nm,0.6s	21.06	343	P	P	11 28 03.0	+0.3
AMTX	Amarillo			P	P	11 28 03.5	+0.7
Y52A	comp-Z,41nm,0.9s	21.07	24	P	P	11 28 02.8	0.0
Y52A	Liberty Lake			I	Iamb	11 28 03.2	0.0
OK029	CSTR			P	P	11 28 02.8	0.0
CSTR	Hydro, Custer			P	P	11 28 05.0	+1.9
FPAL	Fort Paine			I	Iamb	11 28 14.9	
FPAL	Fort Paine			I	Iamb	11 28 03.8	-0.1
NORC	comp-Z,46nm,0.9s	21.16	114	eP	P	11 28 04.3	+0.6
NORC	Norcsia			P	P	11 28 09.2	
OK031	OK031			I	Iamb	11 28 05.9	+1.3
POPC	comp-Z,64nm,0.7s	21.21	124	eP	P	11 28 05.0	+0.2
RLO	Popayan, Colom			I	Iamb	11 28 19.4	
RLO	Rose Lookout			I	Iamb	11 28 05.3	+0.6
OK033	comp-Z,48nm,1.2s	21.26	354	P	P	11 28 07.4	+1.4
OK033	Mehan			I	Iamb	11 28 25.6	
OTAV	OTAV			P	P	11 28 04.8	-0.7
OTAV	OTAV			I	Iamb	11 28 07.1	+1.2
LCAR	comp-Z,57nm,1.4s	21.33	7	P	P	11 28 10.2	
HHAR	Lake Charles			P	P	11 28 07.4	+1.2
HHAR	Hobbs			I	Iamb	11 28 10.2	
X51A	comp-Z,27nm,0.6s	21.40	22	P	P	11 28 07.4	+1.2
319A	Celino			P	P	11 28 09.9	+2.8
319A	Douglas			I	Iamb	11 28 21.4	
IMBA	comp-Z,47nm,1.0s	21.47	131	P	P	11 28 10.0	+2.4
121A	Imbabura, San			P	P	11 28 10.2	+2.5
121A	Cookes Peak, D			I	Iamb	11 28 29.9	
121A	121A			P	P	11 28 09.6	+2.0
U38A	comp-Z,52nm,0.9s	21.51	327	P	P	11 28 08.3	+0.7
BRRC	Cookes Peak, D			eP	P	11 28 03.2	-4.9
BRRC	Gravette			P	P	11 28 09.5	+0.8
OK048	Barranca, Sant			I	Iamb	11 28 23.2	
OK048	Pawnee Station			I	Iamb	11 28 09.3	+0.5
SWET	comp-Z,79nm,1.0s	21.63	19	P	P	11 28 27.7	
SWET	Sewanee			I	Iamb	11 28 08.8	-0.3
ORTC	comp-Z,100nm,1.7s	21.64	118	eP	P	11 28 10.8	+1.8
ORTC	Ortega, Tolima			P	P	11 28 10.8	+1.2
OK051	ELIS			I	Iamb	11 28 24.1	
OK051	E0350 and S346			I	Iamb	11 28 11.6	+0.4
OK051	OK051			I	Iamb	11 28 10.6	-0.6
SPBC	comp-Z,79nm,1.0s	21.83	113	eP	P	11 28 28.2	
V48A	San Pablo de B			I	Iamb	11 28 11.9	-0.5
V48A	Smith Brothers			I	Iamb	11 28 13.1	+0.7
SLOR	comp-Z,50nm,1.4s	21.95	133	P	P	11 28 14.1	+1.2
WWT	San Lorenzo -			P	P	11 28 11.9	-0.5
WWT	Waverly			P	P	11 28 13.1	+0.7
ROSC	comp-Z,196	21.98	115	P	P	11 28 15.9	+2.9
ROSC	El Rosal			eP	P	11 28 16.0	+2.9
ROSC	El Rosal			P	P	11 28 16.2	+3.1
PRAC	comp-Z,21nm,0.6s, baz=308,slow=15,SNR=16	22.05	118	eP	P	11 28 15.8	+2.4
135A	Prado			P	P	11 28 17.9	+2.5
135A	Sooner Cattle			I	Iamb	11 28 17.9	
PBMO	comp-Z,28nm,0.6s	22.12	8	P	P	11 28 13.3	-0.6
OK032	Poplar Bluff			P	P	11 28 15.0	+0.5
DUNB	Salt Plains WL			P	P	11 28 17.9	+2.5
NHSC	Lazy B Ranch			P	P	11 28 14.1	-1.1
NHSC	New Hope			P	P	11 28 16.6	+0.8
BARC	comp-Z,218	22.24	109	eP	P	11 28 18.3	+2.2
CHSH	Barichuga			I	Iamb	11 28 36.9	
CHSH	Refugio Sur-Vo			I	Iamb	11 28 16.3	+0.5
T42A	comp-Z,43nm,1.0s	22.29	7	P	P	11 28 17.4	+1.5
MGMO	Van Buren			I	Iamb	11 28 33.8	
MGMO	Mountain Grove			I	Iamb	11 28 12.8	+1.8
MGMO	comp-Z,128nm,1.8s						
CPCT	Cooper Cave	22.31	21	P	P	11 28 16.4	+0.3
Y22D	IRIS PASCALLI	22.32	331	P	P	11 28 19.0	+2.6
Y22D	IRIS PASCALLI	22.32	331	P	P	11 28 18.3	+1.9
Y22F	comp-Z,146	22.32	331	P	P	11 28 18.7	+2.3
Y22F	Pascall Instru			I	Iamb	11 28 16.5	+0.3
CLTN	Cedars of Leba	22.33	17	P	P	11 28 39.9	
CLTN	CLTN			I	Iamb	11 28 26.0	+8.8
GARC	comp-Z,48nm,1.4s	22.37	122	eP	P	11 28 17.1	0.0
KAN09	Garzon, Huila			I	Iamb	11 28 30.7	
KAN09	Caldwell North			I	Iamb	11 28 124	eP
FLOC	comp-Z,58nm,1.0s	22.59	124	eP	P	11 28 20.1	+0.4
FLOC	Florence			P	P	11 28 19.2	-0.8
RUSC	Chic Chingaza	22.62	111	eP	P	11 28 19.8	-0.3
V51A	Luiza	22.69	21	P	P	11 28 22.1	+1.6
COHC	Loudon	22.71	138	P	P	11 28 20.7	+0.1
CGM3	Cochancy	22.75	10	I	Iamb	11 28 20.3	
CGM3	Cape Girardeau			I	Iamb	11 28 20.6	-0.3
TKL	comp-Z,77nm,2.0s	22.77	22	P	P	11 28 21.5	+0.4
TKL	Tuckaleehee C			LR	LR	11 38 21.8	
S39A	Tuckaleehee C	22.77	22	LR	LR	11 28 21.5	+0.4
S39A	Bolivar	22.79	2	P	P	11 28 24.0	
ANMO	comp-Z,28nm,0.7s	22.85	333	P	P	11 28 23.4	+1.5
ANMO	Albuquerque			I	Iamb	11 28 23.8	+1.8
ANMO	Albuquerque			LR	LR	11 37 31.2	
T47A	comp-Z,1um,19.7s, baz=257,slow=37	22.97	15	P	P	11 28 21.4	-1.5
T47A	Sharon Grove			I	Iamb	11 28 36.9	
TUC	comp-Z,92nm,1.8s	23.02	322	P	P	11 28 27.5	+3.9
TUC	Tucson			I	Iamb	11 28 38.9	
TUC	comp-Z,55nm,1.4s	23.02	322	P	P	11 28 25.5	+1.8
TUC	Tucson			I	Iamb	11 28 25.9	+1.1
V53A	comp-Z,135	23.15	24	P	P	11 28 40.3	
V53A	Saluda			I	Iamb	11 28 25.8	+0.6
S44A	comp-Z,64nm,1.6s	23.20	10	I	Iamb	11 28 41.7	
S44A	Carbondale			I	Iamb	11 28 25.5	+0.1
SIUC	comp-Z,28nm,0.8s	23.23	10	P	P	11 28 25.6	-0.6
CCM	Southern Ilin	23.29	6	P	P	11 28 23.5	-2.7
CCM	Cathedral Cave	23.29	6	P	P	11 28 23.7	-2.8
CCM	Cathedral Cave	23.29	6	P	P	11 28 26.8	-0.8
R40A	comp-Z,24nm,0.7s	23.43	4	P	P	11 28 29.8	
R40A	Maddies Statio			I	Iamb	11 28 31.0	+1.7
TAMC	comp-Z,24nm,0.7s	23.58	108	eP	P	11 28 28.7	-0.9
TAMC	Tame, Arauca			P	P	11 28 28.1	-1.5
TZTN	comp-Z,206,SNR=7.8	23.62	22	P	P	11 28 32.7	+2.0
TZTN	Tazewell			P	P	11 28 33.2	+2.3
TZTN	Tazewell			P	P	11 28 31.3	+0.3
BOSC	comp-Z,24nm,0.7s	23.72	138	P	P	11 28 31.5	+0.1
MACC	San Juan Bosco	23.76	120	eP	P	11 28 32.7	+2.3
MCRAR	Macarena, Meta	23.76	120	eP	P	11 28 31.3	+0.3
R32A	Macar, Loja	23.83	351	P	P	11 28 31.5	+0.1
SDV	Long Quarter,	23.84	102	LR	LR	11 39 39.3	
T25A	Santo Domingo,	23.94	102	LR	LR	11 28 34.4	+1.3
T25A	Trinidad	23.99	340	P	P	11 28 34.9	+1.8
T25A	Trinidad	23.99	340	P	P	11 28 35.6	+2.2
X18A	comp-Z,155,SNR=11	24.0					

KVN	Kaiserreville	31.97 324	P	P	11 29 46.5 +1.9
WAKR	Walker	32.40 321	P	I Amb	11 29 51.2 +2.9
	comp=Z,21nm,1.5s				11 30 03.0
SADO	Sadowa	32.48 20	LR	LR	11 45 03.8
	comp=Z,2um,18.3s,baz=212,slow=40				
H17A	Grant Village	32.58 338	P	P	11 29 52.6 +2.7
	baz=149				
RLMT	Red Lodge	32.76 340	P	I Amb	11 29 52.6 +1.2
	comp=Z,53nm,1.9s				11 30 07.9
RLMT	Red Lodge	32.76 340	P	P	11 29 52.1 +0.7
	baz=152,SNR=7.2				
EYMN	Ely	33.10 3	P	P	11 29 52.0 -2.0
	baz=184				
MDND	Maddock	33.22 353	P	P	11 29 54.6 -0.5
	baz=170				
LAO	LASA Array	33.30 345	P	P	11 29 57.4 +1.5
	baz=158				11 29 55.8 -0.2
AGMN	Agassiz Station	33.40 358	P	I Amb	11 29 56.5 -0.1
	comp=Z,27nm,1.0s				11 30 05.7
AGMN	Agassiz Station	33.40 358	P	P	11 29 54.8 -1.8
	baz=177,SNR=9.9				
HLID	Hailey	33.43 333	P	P	11 29 56.7 -0.5
	baz=142,SNR=5.9				
BGHC	Gun Hill	33.69 88	eP	P	11 29 55.0 -4.5
LONY	Lake Ozonia	34.06 25	P	P	11 29 60.0 -2.5
	baz=215				
DLMT	Dillon	34.15 337	P	I Amb	11 30 04.9 +1.4
	comp=Z,22nm,1.1s				11 30 23.7
DGMT	Dagmar	34.53 348	P	P	11 30 07.1 +0.6
	baz=162				
WVOR	Wild Horse Val	34.61 327	P	I Amb	11 30 09.2 +1.8
	comp=Z,31nm,1.4s				11 30 25.2
LBNH	Lisbon	34.93 28	P	P	11 30 06.7 -3.3
	baz=220				
J08A	Circle Bar Ran	35.19 329	P	I Amb	11 30 14.1 +1.7
	comp=Z,25nm,1.1s				11 30 25.1
PLID	Pearl Lake	35.33 333	P	I Amb	11 30 15.0 +1.3
	comp=Z,10nm,0.8s				11 30 17.2
ULM	Lac du Bonnet	35.35 358	P	P	11 30 13.0 -0.5
	comp=Z,6.5nm,0.5s,baz=162,slow=7.3,SNR=9.3				11 46 55.5
ULM	Lac du Bonnet	35.35 358	P	P	11 30 14.7 -0.5
	comp=Z,1um,18.7s,baz=170,slow=40				11 30 25.3
BOAV	Boa Vista	35.49 107	P	I Amb	11 30 14.7 -0.5
	comp=Z,27nm,1.4s				11 30 25.3
BOAV	Boa Vista	35.49 107	eP	P	11 30 14.8 -0.5
	baz=153				11 30 15.6 +0.6
EGMT	Eagleton	35.50 342	P	P	11 30 17.1 -1.3
	baz=153				
MSO	Missoula	35.89 337	P	P	11 30 19.7 +1.3
	baz=146				11 30 19.0 +0.6
YBH	Yreka Blue Hor	36.38 323	LR	LR	11 44 45.1
	comp=Z,14um,18.2s,baz=148,slow=35				
F10A	Beach Ranch, E	36.56 333	P	I Amb	11 30 25.0 +0.9
	comp=Z,16nm,0.8s				11 30 41.4
PKME	Peaks-Kenny Pk	36.94 30	P	P	11 30 24.6 -2.5
	baz=222				
ETMB	Extrema	37.04 130	P	P	11 30 27.9 -0.5
	baz=130				11 30 27.1 -1.3
ETMB	Extrema	37.04 130	eP	P	11 30 33.8 -0.7
	baz=130				11 30 34.0 +0.4
MACA	Manacapuru-AM	37.75 116	eP	P	11 30 38.1 +1.7
	baz=130				11 30 48.4
H04A	Detroit Lake	38.02 327	I Amb	I Amb	11 30 39.9 +2.0
	comp=Z,18nm,1.1s				11 30 39.9 +1.1
HOOD	Mount Hood Mea	38.19 328	P	P	11 30 39.9 +2.0
	baz=142				11 49 09.3
NEW	Newport	38.31 335	LR	LR	11 49 09.3
	comp=Z,2um,19.6s,baz=157,slow=40				
C09A	Christman Ranch	38.43 334	P	I Amb	11 30 41.8 +2.1
	comp=Z,34nm,1.6s				11 30 51.8
SAML	Samuel	38.82 126	eP	P	11 30 41.3 -2.1
	baz=126				11 30 41.8 -1.6
SAML	Samuel	38.82 126	eP	P	11 30 51.0 -1.7
	baz=126				11 30 52.0 +1.9
D05A	Enumclaw	39.66 330	I Amb	I Amb	11 31 37.4
	comp=Z,13nm,1.0s				11 30 56.3 +1.4
FFC	Flin Flon	40.26 353	P	P	11 31 09.6 +2.1
	baz=130				11 30 55.5 -0.6
FFC	Flin Flon	40.27 139	eP	P	11 30 53.9 -2.2
	baz=130				
LPAZ	La Paz	40.27 139	P	P	11 45 42.2
	comp=Z,1.6nm,0.7s,baz=326,slow=5.4,SNR=5.6				
LPAZ	La Paz	40.27 139	P	P	11 30 55.4 -0.8
	comp=Z,1.1um,21.3s,baz=332,slow=34				11 31 05.1 -0.1
	baz=142				11 31 04.0 +1.5
EDM	Edmonton	41.17 343	P	I Amb	11 31 05.3
	comp=Z,14nm,0.7s				
MDP	Montagnes Des	42.03 99	LR	LR	11 51 30.4
	comp=Z,503nm,19.8s,baz=295,slow=40				
LLBL	Lillooet	42.10 334	P	I Amb	11 31 11.1 +0.9
	comp=Z,22nm,1.5s				11 31 25.9
ITTB	Itaituba	42.67 114	eP	P	11 31 13.5 -1.7
	baz=130				11 31 18.9 0.0
BRDLA	Berland Lookou	43.17 340	P	P	11 31 22.2 -0.3
	baz=130				11 31 38.0
VILB	Vilhena	43.57 128	P	I Amb	11 45 22.2
	comp=Z,27nm,1.1s				
RPN	Rapa Nui	44.70 119	LR	LR	11 45 22.2
	comp=Z,773nm,18.7s,baz=133,slow=30				11 31 26.2 -1.9
NPGB	Novo Progresso	44.26 117	eP	LR	11 49 16.6
	baz=130				
LVC	Limon	44.73 146	LR	LR	11 50 00.6
	comp=Z,558nm,18.7s,baz=303,slow=35				
SIV	San Ignacio	44.86 132	LR	LR	11 31 35.5 +0.2
	comp=Z,1um,20.0s,baz=306,slow=36				11 52 25.8
SCHO	Schefferville	45.24 22	P	LR	11 52 25.8
	comp=Z,5.4nm,0.9s,baz=154,slow=4.5,SNR=4.4				
SCHO	Schefferville	45.24 22	P	LR	11 31 36.4 -1.7
	comp=Z,3um,18.8s,baz=212,slow=39				11 31 39.8 -1.3
PDRB	Porto dos Gac	45.82 123	eP	P	11 31 40.8 -0.5
	comp=Z,5.4nm,0.9s				11 31 56.0
CLDB	Colider	45.87 122	eP	P	11 31 40.2 -1.0
	baz=122				11 31 39.8 -1.9
PTLB	Pontes e Lacer	45.93 129	P	I Amb	11 52 19.4
	comp=Z,13nm,1.1s				
PTLB	Pontes e Lacer	45.93 129	eP	P	11 31 48.4 +0.8
	baz=134				11 31 50.3 -1.5
BBSB	Serra de San D	45.98 133	eP	P	11 32 02.5 -1.1
	baz=133				11 32 03.1 -0.7
BBB	Bella Bella	45.98 332	LR	LR	11 32 09.6 +0.4
	comp=Z,1um,18.7s,baz=158,slow=38				
HILA	High Level	46.84 344	P	P	11 31 48.6 +0.8
	baz=133				11 31 50.3 -1.5
BBRB	Robson Bolivi	47.27 133	eP	P	11 32 02.5 -1.1
	baz=133				11 32 03.1 -0.7
TMAB	Tom-VA,PA,Br	48.75 107	eP	P	11 32 09.6 +0.4
	baz=133				
SALV	Santo Antonio	48.82 127	eP	P	11 32 10.7 +0.6
	baz=129				11 57 51.6
V35K	Ketchikan	49.61 333	P	P	11 32 13.7 +0.8
	comp=Z,754nm,18.5s,baz=176,slow=42				11 32 24.9
YKA	Yellowknife Ar	49.74 348	P	I Amb	11 32 21.8 +1.8
	comp=Z,5.3nm,0.7s,baz=154,slow=7.3,SNR=7.6				11 32 24.9
YKA	Yellowknife Ar	49.74 348	P	LR	11 32 24.9
	comp=Z,5.3nm,0.7s				
FLDN	Fort Liard	50.10 341	P	P	11 32 13.7 +0.8
	baz=142				
T35M	Bob Quinn	50.12 335	P	P	11 32 13.8 +0.6
	baz=132				11 32 15.2 +1.6
KOTAN	Kotanelee Air	50.19 341	P	P	11 32 15.2 +1.6
	baz=141				
SNDB	Serra Nova Dou	50.20 120	eP	P	11 32 13.7 -0.6
	baz=138				11 32 15.5 +1.0
LIRD	Liard River Hi	50.30 339	P	P	11 32 15.6 -0.7
	baz=128				11 32 20.9 +2.9
PP1B	Ponte de Pedra	50.46 128	eP	P	11 32 21.8 +1.8
	baz=128				11 32 24.9
U33K	Whale Pass	50.77 333	P	P	11 32 21.8 +1.8
	comp=Z,11nm,1.0s				11 32 23.0 +2.9
DLBC	Dease Lake	51.02 337	P	I Amb	11 32 23.0 +2.9
	baz=133				
DLBC	Dease Lake	51.02 337	P	LR	11 56 31.5
	comp=Z,1um,18.2s,baz=142,slow=39				
S34M	Telegraph Cree	51.10 336	P	P	11 32 22.7 +2.3
	baz=132				
TAOE	Nuku Hiva Isla	51.23 246	eLR	LR	11 46 42.5

TAOE	Nuku Hiva Isla	51.23 246	eT	T	12 27 21.2	
	comp=Z,28nm,0.2s					
WTLY	Watson Lake, Y	51.75 339	P	P	11 32 27.9 +2.5	
	baz=136					
ARAC	Araguaina, MT	51.76 124	eP	P	11 32 24.6 -1.4	
	comp=Z,2um,19.3s,baz=199,slow=38				11 56 41.6	
FRB	Fröbisher Bay	52.02 14	LR	LR	11 32 30.1 +2.4	
	comp=Z,2um,19.3s,baz=199,slow=38					
R33M	Jennings River	52.03 337	P	P	11 32 31.0 +1.8	
	baz=133					
Q32M	Naska River	52.24 336	P	P	11 32 31.0 +1.8	
	baz=131					
CFA	Coronel Fontan	52.49 152	LR	LR	11 49 55.2	
	comp=Z,966nm,20.7s,baz=316,slow=31					
TGNT	Hyland Airport	52.60 340	P	P	11 32 31.2 -0.5	
	baz=137					
R32K	Eaglecrest	52.71 335	P	P	11 32 32.7 +0.2	
	baz=128					
P32M	Atlin	53.22 336	P	P	11 32 36.8 +0.5	
	comp=Z,2.7nm,0.8s					
P33M	Teslin, Yukon	53.28 337	P	P	11 32 38.2 +1.5	
	baz=131					
AMBA	Amambai (Brazi	53.71 134	eP	P	11 32 39.5 -0.8	
	SKAG	53.77 335	P	P	11 32 42.1 +1.8	
	baz=128					
N32M	Quiet Lake	54.00 338	P	P	11 32 42.9 +0.9	
	baz=131					
WHY	Whitehorse	54.35 337	P	P	11 32 46.6 +2.0	
	comp=Z,2.7nm,0.8s					
MMPY	Sheldon Lake,	54.37 340	P	P	11 32 49.9 +2.2	
	baz=134					
CPUP	Villa Florida	54.43 138	P	P	11 32 43.4 -2.1	
	comp=Z,2.7nm,0.8s,baz=349,slow=6.6,SNR=4.9					
CPUP	Villa Florida	54.43 138	P	P	11 32 44.0 -1.6	
	comp=Z,2.7nm,0.8s				11 32 48.1 -0.4	
BDFB	Brasilia	54.81 122	eP	sP	11 32 58.3 -0.3	
	comp=Z,11nm,0.8s,baz=280,slow=5.2,SNR=12					
FARO	Faro, Yukon	54.81 339	P	I Amb	11 32 50.1 +2.3	
	comp=Z,29nm,2.0s				11 34 18.7	
FARO	Faro, Yukon	54.81 339	P	P	11 32 49.3 +1.5	
	baz=132					
P30M	Million Dollar	54.83 335	P	P	11 32 49.0 +0.9	
	baz=126					
P29M	Windy Craggy	54.86 335	P	P	11 32 50.6 +2.3	
	baz=125					
O30M	Mendenhall	54.88 336	P	P	11 32 50.5 +2.1	
	baz=128					
M31M	Drury Creek, Y	55.16 338	P	I Amb	11 32 52.0 +1.6	
	comp=Z,20nm,1.6s				11 33 13.7	
M31M	Drury Creek, Y	55.16 338	P	P	11 32 51.9 +1.5	
	baz=130					
N31M	Braeburn, Yuko	55.21 337	P	P	11 32 52.8 +2.1	
	baz=128					
HYT	Haines Junctio	55.47 336	P	P	11 32 54.7 +2.0	
	baz=126					
O29M	Mount Kennedy	55.59 335	P	P	11 32 56.0 +2.4	
	baz=125					
SDBA	SAO DESIDERIO	55.86 116	eP	P	11 32 54.7 -1.5	
	IPMB	55.88 124	eP	P	11 32 55.6 -0.7	
	M20M	Minto, Yukon	56.27 338	P	P	11 32 58.8 +0.4
	baz=128					
O38M	Mount Upton	56.52 335	P	P	11 32 59.8 -0.6	
	baz=123					
MAYO	Mayo, Yukon	56.59 339	P	P	11 33 02.8 +2.3	

Table with columns: ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Tanana, Papeete2, Pilot Point, Your Creek, Ishalitina Cre, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Barranco-do-Ve, Moncorvo, MVO, PMRV, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MNK, YAK, NRK, AKASO, etc.

NEIC 16 11:24:35.9; 1.9, 17.1; S:0.179; 3W:0.1, h538km, 6km, mb4.9/50, Error ellipse: s-maj=16.8km s-min=14.3km az=122.0

NOU 16 11:24:36.5, 17.01S; 179.28W, h552km, mb5.0/86, Fiji Islands Region

GCMT 16 11:24:37.0; 0.5, 16.77S; 0.06:179.22W:0.04, h544km, 3km, MW5.4/51, Moment Tensor Solution

ISC 16 11:24:36.0-3, 17.01S-0.05:179.29W:0.05, h550km, n353.0#82/348, mb4.7/42, 27-19D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TAVE, DGM, MSVF, etc.









Table with columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like KKM, KKB, ODZ, TUZ, GIRL, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like BNX, BinXian, GSI, Gunungstoli, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like SBA, Scott Base, ZAK, Zakamensk, etc.

16d 12h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Status, etc. Includes stations like SEW, GCSA, K20K, etc.

2017 SEP

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Status, etc. Includes stations like H22K, E20K, NEA2, etc.

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Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Status, etc. Includes stations like TOLK, E24K, G25K, etc.

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like 130M Mount Dempster, D27M Malcolm River, BBB Bella Bella, etc.

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like RLMT Red Lodge, ARU Ariz, ARU Ariz, etc.

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like TKL Tuckaleechee C, V52A Sevierville, Y52A Libran, etc.

16d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like J59A Plesco, MVL Millersville, L59A Walton, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAN08 Harper NE Stat, KAN12 Harper NE Sta, etc.

1172

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

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VRAC Vranov, MAUC Maruska, KRUC Moravsky, etc.

Table for Noumea Islands, Vanuatu Islands. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DVP Devils Point, LIFOU LIFOU, etc.

1DC 16:13:32.03.6.1.0, 11.60N, 86.51W, h0km, mb3.9/6, mbtmp3.9/7, ML3.8/1, MS3.7/15, Error ellipse: s-maj=50.5km s-min=13.1km az=45.0, UCR 16:13:32.03.7.0.6, 11.05N, 86.84W, h15km, 6km, MW4.7, MB4.4 (NEIC), NEIC 16:13:32.03.4.2.9, 11.05N, 0.06, 86.77W, 0.08, h10km, 2km, mb4.4/44, Error ellipse: s-maj=13.8km s-min=7.9km az=237.0, ISC 16:13:32.05.6.0.6, 11.08N, 0.06, 86.76W, 0.06, h30km, n110, 1807/100, mb4.3/26, MS3.8/12, C-2D, Near coast of Nicaragua

Table for Nicaragua. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LCRUZ La Cruz, HATILLO Hatillo, GBS3 Finca Las Imla, etc.

Main table for 2017 SEP. Columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FPAL Fort Payne, OXF Oxford, JSC Jenkinsville, etc.

1DC 16:14:08:16.9.3.9.2, 26N, 96.21W, h0km, mb3.6/4, mbtmp3.6/4, MS3.3/1, Error ellipse: s-maj=282.8km s-min=39.2km az=85.0, ISC 16:14:08:26.8.6.5.2, 3N, 0.3, 101W, h10km, n16, 0.8, 81/5, mb3.5/4, Galapagos Triple Junction region

Table for Galapagos Triple Junction region. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, TXAR Lajitas Array, etc.

Table for H11N1 WAKE ISLAND HY 91.28 290 T, H11S2 WAKE ISLAND HY 91.51 288 T, etc.

Table for DJA 16:14:16:50.2.0.2, 1S, 2.12E, h10km, M3.7/12, mB6.3/1, MLU3.7/12, Mw(mB)6.0/1, Sulawesi. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MPSP Mapaga, TTSI Tana Toraja, etc.

GCG 16:14:18:37.7.3.5, 12.65N, 96.33W, h2km, 999km, MD5.2, MOS 16:14:18:54.9.1.2, 16.15N, 95.00W, h26km, 6.5/67, MS5.0/14, Error ellipse: s-maj=7.1km s-min=4.7km az=89.8, GCMT 16:14:18:54.4.0.1, 16.04N, 0.01, 95.25W, 0.01, h12km, MW5.3/137, Moment Tensor Solution, s137, c266; Duration: 1s2 Moment tensor: Scalar 1017 Nm; Mn=1.23e-01, Mm=0.05e-01, Ml=1.29e-01; Mm0.27e-04; Mm0.38e-01; Mm0.17e-04; Best double couple: Mb=1.35500e+017, NP2=2.910000e+000, 849.00000, 1-110.00000; NP2=2.910000e+000, 849.00000, 1-69.00000; Principal axes: T 1.3960, P 0.0000, Azm104.0000, N -0.0750, Plg15.0000, Azm14.0000; P -1.3150, Plg7.0000; Azm203.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table for MEX 16:14:18:55.5.2.5, 15.88N, 95.22W, h35km, MD5.5, Mw5.5, BUI 16:14:18:55.0.0.0, 16.30N, 94.90W, h20km, mB5.6/2, Ms5.4/16, Ms7.5/2/17, NEIC 16:14:18:56.4.2.4, 16.09N, 0.06, 95.14W, 0.04, h35km, 1km, mb5.3/447, Ms 20.5/1, 354, Mw5.6/18, MD5.5/72 (MEX), Error ellipse: s-maj=1.1, 3km s-min=2.9km az=208.0, IDC 16:14:18:58.0.2.5, 15.98N, 95.11W, h47km, 22km, mb4.7/25, mbtmp4.9/27, ML4.1/2, MS4.9/67, Error ellipse: s-maj=22.3km s-min=10.6km az=62.0, BGR 16:14:18:59.6, 16.20N, 94.65W, h33km, mb5.3, mB\_BB5.7, Ms5.2, ISC 16:14:18:52.9.0.5, 15.93N, 0.03, 95.18W, 0.02, h15km, 2km, n1552, c1568/1354, mb5.3/329, MS5.1/261, 17C-18D, Near coast of Oaxaca

Table for Oaxaca. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NILT Santiago Nilte, HUIG Huatulco, HUIG Arriaga, etc.

16d 14h

Table with columns for call sign, name, frequency, and other details. Includes entries like TLVM San Miguel Top, CAIG El Cayaco, UNM Universidad Na, etc.

2017 SEP

Table with columns for call sign, name, frequency, and other details. Includes entries like AZU Azuro, VBMS Vicksburg, SGCY Sterling City, etc.

1174

Table with columns for call sign, name, frequency, and other details. Includes entries like WMOK Wichita, WMOK Waverly Hall, W35A Tucumseh, etc.



Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like W48A, W50A, KAN17, WVT, W18A, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like TZTN, TZTN, KAN17, WVT, W18A, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like GLA, CNCC, ESJX, T3M3, N38A, etc.





16d 14h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like HDA, PRP, DY2G, M2K2, etc.

2017 SEP

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like C27K, N19K, O18K, MLY, etc.

1178

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like GCSA, NAN01, D22K, H19K, etc.

1179 2017 SEP 16d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like INVG, WIM, KBS, POLO, MESJ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KONO, CART, BAIF, NB2, NOA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOX, GRF, TUE, DAVE, TIC, etc.

16d 14h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TEOL, GOPC, CKRC, BIOA, KBA, CHVC, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MNK, MNK, MNK, KWP, NRIK, etc.

1180

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like FAKI, WYB, WRAB, WRA, etc.

IDC 16:14:29.00:5.2.9.35:88N-141.31E, h0km, mb3.4/3, mbtnp3.4/4, ML2.2/1, MS2.3/1, Error ellipse: s-maj=72.9km s-min=25.5km az=47.0

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

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like H1N2, H1N1, H1N3, etc.

NOU 16:14:35:53.3, 37:97S:176:37E, h223km, MLV4.4/16, North Island, New Zealand

WEL 16:14:35:57.2, 0.7, 38.5, 4x17.6Ez, h181km, 6km, M4.4/115, ML3.5/6, MLV4.4/115, Error ellipse: s-maj=0.0km

IDC 16:14:35:57.4, 8.5, 38:36S:176:79E, h263km, 87km, mb3.4/3, mbtnp4.2/4, Error ellipse: s-maj=94.3km s-min=39.4km az=14.0

ISC 16:14:35:51.0:1.2, 37.97S:070:176:28E:0.06, h227km, 7km, n193, z247/196, mb3.8/3, North Island

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



16d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mina Array Bea, Eielson Array, ILAR.

IDC 16:15:22.0:61.9, 7.08S, 128°13'E, h0km, mb3.3/1, mbtm3.3/4, ML3.3/3, Error ellipse: s-maj=66.4km

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

IDC 16:15:57.3:19.378.0, 25°33'S, 29°57'E, h0km, Error ellipse: s-maj=153.9km s-min=100.1km az=56.0, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOSHOF INFRASO, TSUBME INFRASO, ANTANANARIVO.

NEIC 16:16:00.0:1.2, 6.15°60'N, 0°08.95'W, h0km, Error ellipse: s-maj=14.3km s-min=3.0km az=181.0

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

IDC 16:16:00.0:13.2, 0.7, 15.76°N, 95.25°W, h6km, mb3.3/3, Error ellipse: s-maj=195.6km s-min=118.9km az=39.0

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG, NIIT, PANG, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, ILAR, KRSC.

KRSC 16:16:02.3:7.51, 7.5475°N, 167.70°E, h25km, 15km, M13.8

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

MEX 16:16:13.17.1:0.4, 15.44°N, 98.8°W, h5km, MD4.3

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

IDC 16:16:13.19:0.1, 15.6°N, 0°1.9872°W, h0km, n125, az=145/69, mb4.3/4, MS3.7/28, Off coast of Guerrero

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PEIG, MGIG, DAIG, etc.

1182

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SWET, WUAZ, SDCO, etc.

MEX 16:16:13.18:5.0:6.15, 10°N, 94°06'W, h86km, 119km, MD3.8, Near coast of Oaxaca

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



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CCIG Comitan, WRA Warramunga Arr, ASAR Alice Springs, and STKA Stephens Creek.

NEIC 16:16:27.07:4.1, 2.5:84S:0.06:177.3W:0.2, h160km, 7km, mb4.3/21, Error ellipse: s-maj=21.0km s-min=9.1km

IDC 16:16:27.09:0.1, 7.25:87S:177.57W, h159km, 14km, mb3.9/13, mbtpd.4/3, Error ellipse: s-maj=18.9km s-min=12.3km az=69.0

ISC 16:16:27.07:0.9, 4.25:83S:0.05:177.28W:0.08, h161km, n76, c151/66, mb4.3/25, 4C, South of Fiji Islands

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RIZ Raoul Island, GLKZ Green Lake, MSFV Nonsavu, and many others.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, USRK Ussuriysk Ar., and others.

NNC 16:16:36:57.3:5.8, 38:89N:69:30E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=48.4km s-min=36.2km az=160.0

KRNET 16:16:37:02.5:0.1, 39:19N:69:46E, mb3.0, ISC 16:16:37:00.9:2.7, 39:0N:02:69.59E:0.09, h10km, n16, c25/21, 11C-5D, Tajikistan

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BTX Batken, BTK Batken, OHH Osh, and many others.

IDC 16:16:38:25.3:14.0, 14:70N:93:66W, h0km, mb3.4/2, mbtp3.3/3, ML3.6/1, MS3.8/2, Error ellipse: s-maj=231.0km s-min=223.3km az=92.0

MEX 16:16:38:6.0:2.0, 15:14N:93:68W, h30km, 16km, MD3.8, ISC 16:16:38:36.3:3.5, 15:22N:02:93.7W:0.1, h33km, 8km, n10, c05/11, Near coast of Chiapas

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PCIG Pinedale Array, CARR Arriaga, and others.

IDC 16:17:07:10.8:0.8, 15:99N:95:11W, h0km, mb4.2/18, mbtp4.2/20, ML3.9/2, MS4.0/3, Error ellipse: s-maj=24.7km s-min=13.6km az=54.0

MEX 16:17:07:13.8:0.6, 15:70N:95:25W, h20km, MD5.0, GCMT 16:17:07:14.0:0.3, 16:05N:04:95:16W:0.03, h19km, 1km, MW4.8/80, Moment Tensor Solution. s21.c23: s80.c101; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.26:17; Mw=0.44:09; Mbb=1.82:10; Mm=0.50:27; Mm=0.66:06; Mm=0.53:21; Best double couple: Mo=2.89000x10^16 Np1=96.00000, s37.00000, lambda=99.00000; Principal axes: T=2.1870, P1g=0.0000, Azm1=13.0000, N=0.2030, P1g6=0.0000, Azm2=24.0000, P=2.3900, P1g8=0.0000, Azm3=26.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 16:17:07:10.6:1.5, 15:94N:0:05:95:18W:0.03, h3km, gkm, n287, c14/21, mb4.5/70, MS4.0/33, 1D, Near coast of Oaxaca

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for YKA Yellowknife Ar., PDAR Pinedale Array, and others.

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NILT Santiago Nitte, HUIT Huatulco, CARR Arriaga, and many others.

16d 17h

Table with columns for station name, frequency, mode, and coordinates. Includes stations like WMOK, WICHTA, Waverly Hall, etc.

2017 SEP

Table with columns for station name, frequency, mode, and coordinates. Includes stations like Tabor, Santo Domingo, YUH, etc.

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Table with columns for station name, frequency, mode, and coordinates. Includes stations like CPUP, Villa Florida, CPUP, etc.

NEIC 16 17:12.09.4z:1.4.37:235:0.05:74:20W:0.06,h8km,4km, mb4.6/30,Mwr4.6/36,Mwr4.9(GUC), Error ellipse: s-maj=8.5km s-min=5.5km az=139.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr2.00; Mw0.60; Mw-2.60; Ma-2.04; Mb-2.24; Ms-7.61; Fault plane solution: Ms8.5200x10^15 Np1.0e5.4.82000; d12:43000; A130.00000; NP2:194.15000;.880.51000;.81.94000; Principal axes: T:7.6612, P:64.0000; N:94.0000; N:1.5194, P:68.0000; Azm195.0000; P: -9.1806, P:635.0000; Azm291.0000; GUC 16 17:12.10.1z:0.5.37:215:74:32W,h27km,5km,ML4.8 NEIC 16 17:12.10.3z:0.5.37:195:0.05:74:15W:0.06,h10km,n155, a:1929/159,mb4.5/21,4z, Off coast of central Chile

Table with columns: PLCA, comp, Pq, Pb, 17 13 29.9 +0.1, etc. Includes entries like PLCA comp=E,6.7nm,0.3s,baz=321,slow=17,SNR=19 and various other station data.

Table with columns: X48A, Hartselle, 72.28 349, P, Iamb, P, 17 23 35.8 +0.1, etc. Includes entries like ANMO Albuquerque 77.80 333 P and various other station data.

Table with columns: ID08, Sg, Sg, 17 14 52.9 +1.0, etc. Includes entries like ID08 1µm,0.5s and various other station data.

UUSS 16 17:14:37.9-0.7, 42:579N-0:010:111:43W:0:01, 17km, 4km, Error ellipse: s-maj=1.6km s-min=1.4km

NEIC 16 17:14:37.6-0.7, 42:584N-0:010:111:43W:0:01, 17km, 2km, ML3.0/144, ML2.9/12(UUSS), Error ellipse: s-maj=1.5km s-min=1.2km az=192.0, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes entries like ID06 Fossil Canyon 0.02 275 and various other station data.



Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like SHEM, SONM, PZH, HNR, YAK, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like MESA, L27K, B27K, etc.

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

MEX 16 17:46:12.4±0.6, 6.5, 79N:95.20W, h72km, 14km, MD4.2
IDC 16 17:46:16.5±7.3, 17.16N:93.97W, h0km, mb3.7/3,
mbmp3.8/4, ML3.3/1, MS3.4/8, Error ellipse:
s-min=228.4km s-min=105.5km az=42.0
ISC 16 17:46:12.7±1.6, 15.79N:101.9520W, h0.05, h50km, n17,
±23/21.1, mb3.9/3, MS3.3/6, Near coast of Oaxaca

IDC 16 18:03:19.5±0.9, 44.10N:105.83W, h0km, mb3.9/3,
mbmp3.7/7, ML3.6/4, MS3.4/1, Error ellipse: s-maj=25.5km

16d 18h

s-min=8.2km az=144.0
NEIC 16 18:03:19.2±1.1, 43.80N,0°05'105.32W,0.07,h0km,2km,
ML3.2/102, Error ellipse: s-maj=9.2km s-min=7.5km
az=326.0

ISC 16 18:03:18.5±0.8, 43.80N,0°06'105.35W,0.06,h0km,n72,
o088/71,m3.9/3,Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations like RSDS Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

comp=E,0.4nm,0.5s,baz=348,slow=6.3,SNR=2.6
MKAR Makanchi Array 89.54 355 P P 16 16 16.9 -0.7

ROM 16 18:07:38.9±0.3, 36.70N,0°01'13.03E,0.03,h22km,
ML2.2/6, Error ellipse: s-maj=3.1km s-min=1.3km
az=290.0, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LINIA Linosa Island, CALTB Callabellotta, etc.

ROM 16 18:08:12.2±0.3, 37.38N,0°02'14.67E,0.03,h37km,1km,
ML1.6/1, IC, Error ellipse: s-maj=2.8km s-min=1.6km
az=272.0, Sicily

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MNO Monte Soro, PIZZO Pizzo Felice, etc.

NEIC 16 18:58:00.1±2.6, 15°62'N,0°08'94.78W,0.04,h10km,1km,
mb4.4/74,MD4.6/12(MEX), Error ellipse: s-maj=13.8km
s-min=6.3km az=177.0

IDC 16 18:58:03.9±0.8, 15°45'N,94°44'W,h38km,4km,mb3.8/17,
mbtmp4.0/19,ML3.9/2,MS3.4/12, Error ellipse:
s-maj=25.5km s-min=13.5km az=58.0

MEX 16 18:58:05.0±1.0, 15°52'N,94°65'W,h16km,16km,MD4.6
ISC 16 18:58:03.3±0.6, 15°50'N,97°04.61W,0.08,h37km,1km,
n129,s1973/1030,mb4.2/28,MS3.4/9, Near coast of
Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CARR Arriaga, NILO Santiago Nilte, etc.

comp=Z,1.02nm,21.0s,baz=308,slow=36
JACO JACO, Garabito 11.31 120 Pn Pn 19 00 46.2 +3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations like RINA Rio Macho, SOR Soria, etc.

Table with columns: PFO, PDAR, PDAR, ELK, NVAR, NVAR, AGMN, J08A, ULM, YBH, NEW, ETMB, PQI, LPZA, YCHO, SKHO, BDFB, INK, PLCA, PLCA, ILAR, EKA, EKA, SPITS, ESDC, ESDC, NB2, NOA, NOA, ARCES, ARCES, HFS, GERES, FINES, TORD, WRA, ASAR. Each row contains station name, coordinates, and other technical details.

PGC 16 19:35:20.0, 0.5007N, 114.95W, h0km, ML2.6, 5, 86km northeast of Cranbrook, Bc Alberta, Canada Mining explosion., Alberta

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Hill Springs, Bassoo Peak, Yellow Bay, Sale Mountain, Jette, Mounoet Dainar, Penticon, Ovando, Lilloet.

IDC 16 19:12:30.8, 1.1, 35.00N, 138.05E, h0km, mb3.5/7, mbmp3.5/8, ML2.9/1, MS2.8/5, Error ellipse: s-maj=30.1km s-min=14.3km az=98.0

NIED 16 19:12:36.8, 35.16N, 138.09E, h34km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=0.06; Mw=2.15; Ms=2.21; Mz=3.37; Mxx=1.91; Myy=1.25; Fault plane solution: Mw.4.61000x10^14 NP1: 0.246.00000, 389.00000, -1.51.00000. NP2: 0.337.00000, 339.00000, -1.179.00000

JMA 16 19:12:36.8, 0.1, 35.2N, 0.1, 138.1E, 0.2, h34km, MV3.8/35, CENTRAL SHIZUOKA PREF

JMA F011 J1 at CENTRAL SHIZUOKA PREF. ISC 16 19:12:36.0, 0.9, 35.18N, 138.09E, 0.03, h33km, 3km, n34, c132/33, mb3.5/8, 6D, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Shizuoka 3, Yasuok, Fujinakar, Shimob, Sagara, Kuroka, Iuzhimoda, Odawara 2, Inuyama, Ryogami san, Matsushiro, Matsushiro Arr, MJAR, MJAR, JSD, JSD, JMN, JNU, JNU.

Table with columns: JUTU, KRSR, KRSR, ASAJ, KLR, SONM, YAK, YAK, H1N2, H1N1, H1N3, MKAR, KURBB, BVAR, ILAR, WRA, FINES, PDAR, TXAR. Lists various seismic stations and their coordinates.

IDC 16 19:35:26.3, 0.5, 15.13N, 94.59W, h0km, mb4.7/22, mbmp4.7/24, ML4.0/2, MS4.2/54, Error ellipse: s-maj=22.0km s-min=11.1km az=65.0

BUI 16 19:35:28.0, 0.0, 15.30N, 94.60W, h15km, mb5.4/1, Ms7.4/74

NEIC 16 19:35:28.8, 1.7, 15.23N, 0.07, 94.70W, 0.04, h13km, 3km, mb5.1/181, MS2.1/9, Error ellipse: s-maj=10.0km s-min=5.5km az=17.0

GCMT 16 19:35:28.8, 0.2, 15.38N, 0.01, 94.82W, 0.01, h12km, MW5.0/118, Moment Tensor Solution. s75, c99; s118, c182; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=3.85e+06; Mw=1.69e+07; Ms=2.16e+07; Mxx=0.42e+11; Myy=2.00e+05; Mzz=1.94e+23; Best double couple: Mw.4.35400x10^16 NP1: 0.158.00000, 857.00000, -1.67.00000. NP2: 0.301.00000, 840.00000, -1.120.00000. Principal axes: T 4.1240, P1g9.0000, Azm232.0000; N 0.4590, P1g9.0000, Azm325.0000; P -4.5830, P1g69.0000; Azm117.0000; nsta1 refers to body waves, cutloft=0.8. nsta2 refers to surface waves, cutloft=0.8. Triangular moment-rate function

MEX 16 19:35:28.5, 0.8, 14.38N, 94.82W, h10km, MD5.1 MOS 16 19:35:29.3, 1.2, 15.23N, 94.61W, h28km, mb5.2/74, Error ellipse: s-maj=7.7km s-min=4.6km az=100.1

BGR 16 19:35:35.4, 15.44N, 94.32W, h33km, mb5.2, Ms4.4 ISC 16 19:35:27.2, 0.8, 15.13N, 94.60W, 0.03, h9km, 4km, n1078, c136/1088, mb5.0/164, MS4.3/67, 7C-12D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Arriaga, Santiago Nilte, Huatulco, Huatulco, Oaxaca, Vista Hermosa, Arroyo Zacate, Comitán, Comitán, Tuzandepelt, Hualtehuacan, Hualtehuacan, Yonodua, Sontecomapan, Tlixaco, Toixalpan, Tlixaco, Jalcomulco, Flores, Flores, Esquipulas, Montecristo, Serv Nev Est T, Coxquihui, Universidad Na, Universidad Na, Tegucigalpa, San Cristobal, Tepic, Tepic, Tepic, Tuzandepelt, Cerro Negro, Matlalpa, BOACO BROADBAND, Acopyas, Ortega, Santa, Dulce Nombre, Zacatecas, Las Juntas de, Las Juntas de, Las Juntas de, JTS, JTS, JTS, SOCE, COVE, JACO, Heredia, Heredia, LCR2, RIMA.

Table with columns: PEZE, HBVL, SBRA, CDITO, BRU2, SOR, SOR, 833A, 833A, 833A, 735A, 735A, HKT, HKT, HKT, HKT, HND, HND, DRIO, 435B, 435B, 435B, 435B, JCT, JCT, JCT, JCT, TXAR, TXAR, TXAR, TXAR, BRDY, BRDY, NATX, NATX, NATX, SLBS, 344A, MTJD, 237A, WHTY, WHTY, WHTY, WHTY, VBMS, VBMS, BRAL, BRAL, BRAL, 451A, DWPF, DWPF, DWPF, ABTX, ABTX, ABTX, ABTX, 656A, 656A, 656A, 656A, Z41A, Z41A, Z41A, 146A, 146A, Z35A, 250A, WLAR, 352A, 352A, LOOK, LOOK, Z47A, Z47A, MNTX, MNTX, MNTX, LRAL, LRAL, LRAL, LRAL, TIGA, TIGA, TIGA, Y45A, GTBY, MIAR, MIAR, MIAR, X37A, X37A, UALR, UALR, 152A, SJCC, WMOK, WMOK, WMOK, WMOK. Lists stations and their coordinates.

16d 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WMOK, OXF, Z51A, etc.

2017 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like URIC, CASEE, TUC, etc.

1190

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MACC, SDV, SDV, etc.





Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like AQUADAUNA, ARAGUAIANA, SANTA MARIA DO ATIN, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like CONCORDIA, ROSARIO DO SUL, TOLSONA, SAND CREEK, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like BEAR PAW MTN., PURKEYPILE, CONTACT CREEK, etc.



1620h

Table with columns: STA, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gaotai, Mawson, XIAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, PSAO, HYB, MORW, etc.

NOU 16 19:47.18, 14:80S-167:25E, h102km, MLV4.9/15, Vanuatu Islands, Vanuatu Islands

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

SJA 16 20:14:55.6-0.6, 23:66S-66:71W, h239km, gkm, ML4.3, MW4.1

VAO 16 20:14:56.2-0.7, 23:88S-67:50W, h296km, gkm, mb4.3

NEIC 16 20:14:57.4-1.7, 23:69S-107:66:65W, 1.0, 91h98km, gkm, mb4.2/21, Mw4.6(GUC), Error ellipse: s-maj=12.3km

IDC 16 20:14:57.1-0.9, 23:66S-66:60W, h194km, gkm, mb3.5/6, mbtmp4.4/1.3, Error ellipse: s-maj=14.7km s-min=11.1km az=47.0

GUC 16 20:14:58.5-0.4, 23:72S-67:00W, h238km, gkm, ML4.5

ISC 16 20:14:57.8-0.6, 23:71S-104:66:77W, 0.05, h209km, gkm, mb4.9, 192h178, mb4.1/16, 14CJ, Juiuy Province

Main table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJA, AF01, SLA, AZAP, etc.

2017 SEP

Main table for the second section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08, AC01, PATCX, etc.

1194

Main table for the third section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOMM, CMAR, DDA, etc.



16d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TUMR, KMNR, BZP, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ, GRNR, ERM, etc.

1196

Table with columns for station name, frequency, power, and other technical details. Includes stations like C16K, G16K, M15K, etc.



16d 21h

Table with columns for station ID, name, frequency, power, and status. Includes stations like NJ2, P32M, R32K, SIT, MMPY, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and status. Includes stations like HKPS, HKPS, ZSN, BRLDA, WMQ, etc.

1198

Table with columns for station ID, name, frequency, power, and status. Includes stations like BRZS, BRZS, YBH, TDK, TDK, etc.



1199

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like BOOM, DLMT, JETT, SGDS, etc.

2017 SEP

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like OUL, ID09, YES, KRVT, etc.

16d 21h

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like RSSD, Black Hills, Black Hills, etc.





Table containing station call letters, names, frequencies, and various identifiers for stations in the '16d 21h' category.

Table containing station call letters, names, frequencies, and various identifiers for stations in the '2017 SEP' category.

Table containing station call letters, names, frequencies, and various identifiers for stations in the '1202' category.

Table with columns for station code, name, frequency, mode, and coordinates. Includes stations like CCA1, UBR, WATA, BNN, LRAL, etc.

Table with columns for station code, name, frequency, mode, and coordinates. Includes stations like RABC, JSC, WSAR, SRKY, EDK, etc.

Table with columns for station code, name, frequency, mode, and coordinates. Includes stations like EIL, PGAV, PBRG, POLO, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SJA 16:21:44:56.9, 0.7, 22.84S:64.06W, h595km, 2.7km, ML4.1, MW4.1, Salta Province.

ADC 16:21:58:16.2±0.8, 35.78N; 139.77E, h0km, mb3.7/10, mbmp3.8/15, ML3.1/4, MS3.5/2, Error ellipse: s-maj=21.9km s-min=12.8km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for JHU Hanno, TOK Tokyo, JRY Ryogami san, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for KSRS Korea Array, KASR Wonnuri Array, USRK Usonjuj Ar., etc.

SOME 16:22:28:08.9, 41.32N-82.83E, h15km NNC 16:22:28:13.5±1.6, 42.34N-82.32E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=40.6km s-min=21.8km az=134.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SHLS Shalkode, PDGK Podgornoye, UZB Uzbinkak, etc.

TRN 16:22:28:37.3, 10.87N-62.42W, h105km, MD3.5 FUNY 16:22:28:37.7, 10.92N-62.46W, h93km, MW3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for MERV TACV Tcata, TACV CAICARA DEL OR, etc.

NEIC 16:22:28:45.8±2.2, 15.71N±0.09; 95.24W±0.04, h20km±7km, mb4.0/7, Md4.6/10(MEX), Error ellipse: s-maj=14.0km s-min=4.5km az=191.0

MEX 16:22:28:47.1, 19.6258N, 95.21W, h13km, 19km, MD4.6 ISC 16:22:28:44.9±3.4, 15.75N±0.09; 95.20W±0.04, h15km±25km, n25, ±1502/35, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for HUIG Huatulco, PEIG Puerto Escondi, etc.

NOU 16:22:33:10.6, 18.76S; 178.47W, h510km, mb4.5/13, Fij Islands Region

NEIC 16:22:33:13.5±1.4, 17.1S±0.2; 179.4W±0.1, h541km±8km, mb4.6/26, Error ellipse: s-maj=24.7km s-min=16.6km

ADC 16:22:33:14.8±1.0, 16.94S; 179.39W, h563km±8km, mb3.5/12, mbmp4.4/14, Error ellipse: s-maj=30.7km s-min=15.4km az=150.0

ISC 16:22:33:13.1±0.5, 16.9S; 0.1x179.32W±0.08, h550km±n122, ±1504/121, mb4.5/26, 14C-5D, Fij Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for DGTI Dogotuki, MSVF Monsavu, NIUE Niue, etc.

AS31 Alice Springs 44.23 253 P Iamb Iamb 22 40 33.8 -0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kununurra, Sorong, Soe, Pilbara Seismi, Maumere, Narrogin (SRO), Wanaagama, Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Wanaagama, Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Arriaga, Matagalpa, Puerto Escondi, El Naranjo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Stephens Creek, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MTN Manton Dam, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WBA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WBA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Keskin Array B, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GCG, MEX, IDC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PCIG, HUIG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SAUI, FAKI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MTN, SOEI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WBA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WBA, WRA, etc.



VBMS	Vicksburg	17.26	11	I	Amb	Pn	23 14 35.4 +0.2
VBMS	comp-Z,34nm,0.7s						23 14 47.3
553A	Crawfordville	17.51	30	P	Pn	23 14 38.1 -0.1	
553A	comp-Z,44nm,0.8s						23 14 54.1
ABTX	Ablene, Hawle	17.90	346	P	Pn	23 14 44.3 +0.4	
ABTX	comp-Z,49nm,1.1s						23 14 52.8
ABTX	Ablene, Hawle	17.90	346	P	P	23 14 44.8 +1.5	
Z41A	Richard-CNR=6.8	17.98	5	P	Pn	23 14 45.1 +0.9	
Z50A	Grady	18.26	23	P	I	23 14 47.4 0.0	
Z50A	comp-Z,67nm,1.4s						23 14 50.8
352A	Blakely	18.36	27	P	Pn	23 14 48.4 -0.3	
247A	Carrollton	18.79	17	P	I	23 14 52.5 -0.6	
247A	comp-Z,29nm,0.8s						23 15 01.9
TIGA	Tifton	18.95	30	P	P	23 14 53.1 -1.7	
LRAL	Lakeview Retre	18.96	20	P	P	23 14 55.0 0.0	
LRAL	Lakeview Retre	18.96	20	P	Pn	23 14 55.5 -0.4	
GTBY	Guantanamo Bay	19.07	73	P	P	23 14 54.6 -1.6	
GTBY	comp-Z,32nm,0.9s						23 15 01.2
GTBY	Guantanamo Bay	19.07	73	eP	P	23 14 54.1 -2.1	
MNTX	Cornudas Mount	19.13	331	P	P	23 14 58.0 +1.1	
MNTX	comp-Z,24nm,0.8s						23 14 59.0 +1.0
MIAR	Mount Ida	19.21	2	P	P	23 14 57.8 0.0	
MIAR	Mount Ida	19.21	2	P	Pn	23 14 59.9 +0.6	
X37A	Clayton	19.25	358	P	P	23 14 58.8 +0.6	
X37A	comp-Z,27nm,0.6s						23 15 10.5
152A	Waverly Hill	19.48	25	P	I	23 15 00.1 -0.5	
152A	comp-Z,20nm,0.9s						23 15 05.8
UALR	University of	19.52	5	P	P	23 15 00.1 -1.0	
UALR	comp-Z,19nm,0.7s						23 15 12.5
SJCC	San Jacinto, C	19.61	104	eP	P	23 15 01.8 -0.4	
OXF	Oxford	19.71	13	P	P	23 15 03.0 -0.1	
OXF	comp-Z,25nm,0.9s						23 15 10.4
OXF	Oxford	19.71	13	P	P	23 15 02.7 -0.4	
DBXC	Dabeiba	19.73	113	eP	Pn	23 15 08.9 +3.5	
WMOK	Wichita Mounta	19.76	350	I	Amb	23 15 03.7 -0.1	
WMOK	comp-Z,14nm,0.7s						23 15 44.2
WMOK	Wichita Mounta	19.76	350	P	Pn	23 15 05.8 +0.3	
Y49A	Blount Mountai	19.91	20	P	P	23 15 04.9 -0.5	
UREC	San Jos de Ur	20.03	110	eP	P	23 15 06.8 -0.1	
WHAR	Wooly Hollow	20.04	5	P	I	23 15 06.3 -0.4	
WHAR	comp-Z,24nm,1.1s						23 15 32.4
MSTX	Muleshoe	20.06	340	P	I	23 15 07.2 +0.1	
MSTX	comp-Z,21nm,0.9s						23 15 36.1
MSTX	Muleshoe	20.06	340	P	Pn	23 15 09.7 +0.5	
OKCSW	OKLAHOMA CITY	20.23	353	P	Pn	23 15 08.8 0.0	
CBCC	Ciudad Bolivar	20.43	115	eP	P	23 15 12.0 -1.7	
AMTX	Amarillo	20.57	343	P	P	23 15 12.6 0.0	
AMTX	comp-Z,24nm,0.8s						23 15 13.9 +1.3
TUL3	Leonard	20.59	357	P	P	23 15 12.2 -0.5	
TUL3	Leonard	20.59	357	P	P	23 15 13.7 +1.0	
GOGA	Godfrey	20.65	27	P	I	23 15 13.9 +0.5	
GOGA	comp-Z,22nm,1.1s						23 15 20.1
GOGA	Godfrey	20.65	27	P	P	23 15 13.4 0.0	
HELX	Santa Helena	20.70	114	eP	P	23 15 14.3 -0.2	
ZARC	Zaragoza, Cauc	20.75	110	eP	P	23 15 09.5 -5.2	
FPAL	Fort Paine	20.80	21	P	I	23 15 13.0 -2.1	
FPAL	comp-Z,24nm,0.8s						23 15 24.9
319A	Douglas	20.96	322	P	I	23 15 17.9 +1.0	
319A	comp-Z,37nm,1.3s						23 15 39.6
121A	Cookes Peak, D	21.00	327	P	P	23 15 18.4 +1.0	
121A	comp-Z,26nm,1.0s						23 15 21.7
121A	Cookes Peak, D	21.00	327	P	P	23 15 20.6 +3.2	
YOTC	Yotoco, Valle	21.11	120	eP	P	23 15 18.7 +0.1	
GUYZ	Guayana, Caldas	21.10	116	eP	P	23 15 21.8 +0.8	
SWET	Swansee	21.31	20	P	I	23 15 18.9 -1.6	
SWET	comp-Z,12nm,0.8s						23 16 04.6
W50A	Signal Mountai	21.50	21	P	I	23 15 21.8 -0.8	
W50A	comp-Z,26nm,1.0s						23 15 33.1
NORC	Norcasis	21.57	114	eP	P	23 15 23.9 +0.4	
WWT	Waverly	21.62	15	P	I	23 15 22.8 -1.0	
WWT	comp-Z,15nm,0.9s						23 15 36.0
WWT	Waverly	21.62	15	P	P	23 15 24.4 +0.6	
POPC	Popayan, Colom	21.66	124	eP	P	23 15 25.7 +1.0	
DUN6	Lazy B Ranch	21.72	325	P	P	23 15 26.1 +1.0	
OTAV	Otavallo	21.79	132	P	P	23 15 25.4 -0.9	
OTAV	comp-Z,24nm,0.8s						23 15 25.5 -0.9
MGMO	Mountain Grove	21.89	5	P	P	23 15 25.2 -1.5	
PULU	Pululahua	21.91	132	P	P	23 15 28.2 +0.8	
IMBA	Imbabura, San	21.95	131	eP	P	23 15 18.5 +0.5	
GFCU	Volcan Galeras	21.95	128	eP	P	23 15 29.3 +1.3	
TULM	Tulcn-Chalpat	21.95	130	P	P	23 15 28.3 +0.3	
CPCT	Cooper Cave	22.01	22	P	I	23 15 25.0 -2.9	
CHSC	New Hope	22.01	34	P	I	23 15 27.7 -0.3	
NRUC	La Cruz	22.04	126	eP	P	23 15 39.8 +1.1	
ORTC	Ortega, Tolima	22.07	119	eP	P	23 15 31.3 +2.4	
BG3	Lake Jocassee	22.23	26	P	I	23 15 30.2 -0.2	
BG3	comp-Z,15nm,0.7s						23 15 40.1
ANMO	Albuquerque	22.34	333	P	P	23 15 31.8 0.0	
ANMO	comp-Z,19nm,0.9s						23 15 34.5 +2.7
ANMO	Albuquerque	22.34	333	P	P	23 15 31.8 0.0	
S39A	Bolivar	22.36	2	P	I	23 25 39.7	
S39A	comp-Z,14nm,0.9s						23 15 36.3
ROSC	El Rosal	22.40	115	P	I	23 15 32.6 -0.2	
ROSC	comp-Z,21nm,0.8s						23 15 42.0
ROSC	El Rosal	22.40	115	eP	P	23 15 34.7 +1.9	
ROSC	El Rosal	22.40	115	P	P	23 15 31.6 -1.2	
SLOR	San Lorenzo -	22.44	134	P	P	23 15 34.0 +0.8	
TKL	Tuckaleehee C	22.47	23	P	LR	23 15 31.4 -1.6	
TKL	comp-Z,3.4nm,0.3s						23 26 57.3
PRAC	Prado	22.48	119	P	I	23 15 33.6 +0.4	
PRAC	comp-Z,19nm,0.9s						23 15 48.9
PRAC	Prado	22.48	119	eP	P	23 15 35.0 +1.8	
TUC	Tucson	22.52	322	P	P	23 15 44.0 +0.8	
BARC	Barichagua	22.63	110	eP	P	23 15 35.6 +0.5	
CHSH	Refugio Sur-Vo	22.74	136	P	I	23 15 34.4 -2.1	
CHSH	comp-Z,16nm,1.1s						23 15 58.1
CCM	Cathedral Cave	22.88	7	P	I	23 15 35.8 -1.4	
CCM	comp-Z,12nm,0.9s						23 16 19.3
CCM	Cathedral Cave	22.88	7	P	P	23 15 37.6 +0.4	
CHC	Chingaza	23.01	115	eP	P	23 15 40.5 +1.3	
RUSC	La Rusia	23.01	112	P	P	23 15 37.8 -1.5	
RUSC	La Rusia	23.01	112	eP	P	23 15 28.6 -1.1	
FLOC	Florencia	23.05	124	eP	P	23 15 31.6 -7.6	
KMSC	Kings Mountain	23.06	29	P	P	23 15 38.4 -0.7	
COHC	Cochanacy	23.21	138	P	P	23 15 40.4 -0.3	
TZTN	Tazewell	23.24	23	P	P	23 15 39.9 -2.0	

TZTN	comp-Z,20nm,1.0s						
TZTN	Tazewell	23.24	23	P	P	23 15 39.7 -2.2	
T25A	Trinidad	23.49	340	P	P	23 15 45.1 +1.5	
T25A	comp-Z,24nm,1.0s						23 15 54.5
T25A	Trinidad	23.49	340	P	P	23 15 46.0 +2.4	
214A	Organ Pipe Nat	23.54	318	P	P	23 15 46.9 +3.0	
KSU1	Kansas State U	23.81	356	P	I	23 15 45.9 -0.5	
KSU1	comp-Z,14nm,0.8s						23 16 22.8
KSU1	Kansas State U	23.81	356	P	P	23 15 47.5 +1.2	
CBKS	Cedar Bluff	23.90	350	P	P	23 15 46.3 -0.9	
CBKS	Cedar Bluff	23.90	350	P	P	23 15 49.0 +1.8	
WCI	Wyandotte Cave	24.00	16	P	I	23 15 46.1 -1.9	
WCI	comp-Z,14nm,0.7s						23 16 00.7
WCI	Wyandotte Cave	24.00	16	P	P	23 15 47.8 -0.2	
W18A	Petrified Fore	24.03	328	P	P	23 15 51.7 +3.1	
SDV	Santo Domingo	24.19	102	P	I	23 15 47.4 -2.8	
SDV	comp-Z,10nm,0.8s						23 16 16.6
SDV	Santo Domingo	24.19	102	LR	LR	23 27 13.1	
BOSC	San Juan Bosco	24.21	338	P	P	23 15 50.7 +0.2	
SDCO	Great Sand Dun	24.42	139	P	P	23 15 54.0 +1.8	
PTGC	Puerto Gaitan,	24.62	114	eP	P	23 15 56.9 +3.0	
S22A	4UR Ranch, Cre	24.90	336	P	P	23 15 57.5 +0.8	
S22A	4UR Ranch, Cre	24.90	336	P	P	23 15 58.8 +2.1	
MVCO	Mesa Verde	25.14	333	P	P	23 15 59.3 +0.6	
MVCO	Mesa Verde	25.14	333	P	P	23 16 01.0 +2.3	
BLA	Blacksburg	25.19	27	P	P	23 15 58.5 -0.5	
WUAZ	Wupatki	25.19	326	P	P	23 16 01.1 +1.9	
WUAZ	comp-Z,22nm,1.0s						23 16 15.0
WUAZ	Wupatki	25.19	326	P	P	23 16 02.4 +3.2	
GLA	Glamis	25.55	317	P	P	23 16 04.1 +1.8	
SPIN	Lafayette	25.84	13	P	P	23 16 05.6 +0.8	
PDMCI	Parker Dam,Lak	25.93	321	P	P	23 16 08.8 +3.2	
SWSC	San W. Stewart	26.12	316	P	P	23 16 10.2 +2.8	
O48B	Farmland	26.20	16	P	P	23 16 08.8 +0.7	
SMCO	Snowmass	26.21	338	P	P	23 16 08.7 +0.1	
SMCO	comp-Z,11nm,1.1s						23 16 22.2
ISCO	Idaho Springs	26.30	340	P	P	23 16 09.5 +0.2	
ISCO	Idaho Springs	26.30	340	P	P	23 16 11.4 +2.1	
BC3							

16d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include H18K Honhos River, E19K Nigu River, F20K Shalercik Mo, D20K Etivluk River, etc.

IDC 16 23:14:53.8-0.7, 17:59S:14:04W, h0km, mb4.0/14, mbmp4.0/14, MS4.2/29, Error ellipse: s-maj=2.8km s-min=1.8km az=131.0
NEIC 16 23:14:55.4+1.2, 17:75S:01:13:96W:0:09, h10km, 1km, mb4.9/51, Error ellipse: s-maj=20.4km s-min=14.4km az=340.0
GCMT 16 23:15:00.4+0.2, 17:56S:02:14:00W:0:02, h10km, MW5:0:103, Moment Tensor: 0.845, c54, s103, c156, Duration: 0, Moment tensor: Scale 1016Nm; Mw=3.52; Ms=1.95; M0=10; M1=64; M2=0; M3=0.68; 32; Mw=1.85; 07; Mw=0.95; 35; Best double couple: M3: 68900 x 10^16 Np1: 308.00000; 650.00000; 1.96.00000; Np2: 138.00000; 640.00000; 1.82.00000; Principal axes: T 3.7060, Pz 65.0000, Azm42.0000; N -0.0340, Pz 65.0000, Azm312.0000; P -3.6720, Pz 63.0000, Azm177.0000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SHL Horse Pasture, H10S2 ASCENSION HYDR 8.68 356, H10S3 ASCENSION HYDR 8.68 356, etc.

2017 SEP

Table with columns: AC02, Iamb, Iamb, 23 24 04.5, etc. Rows include LVC Limon Verde, LPAZ La Paz, G002 Mico Guanaco, etc.

1208

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RLS Riolos of Patr, RLS Riolos of Patr, RLS Riolos of Patr, etc.

NAO 16 23:19:00.5, 35:79N:22:49E, h33km, mb3.8
ATH 16 23:19:20.1, 38:07N:21:54E, h20km, 1km, ML3.3/24, Manual Solution by S.Liakopoulos First location: 2019/05/31 21:55:35, This location: 2019/05/31 21:53:55
ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km, Longitude uncertainty: 0 km
THE 16 23:19:20.4, 38:05N:21:53E, h24km, ML3.6/6, Error

1209

NEIC 16 23:26:58.9, 0.5, 35.786N, 0.02:96.68W, 0.03, h3km, 6km, Error ellipse: s-maj=4.1km s-min=3.1km az=63.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mn=0.43; Mw=4.99; Mxx=4.56; Mxy=1.49; Myx=4.31; Myz=0.78; Fault plane solution: Mo=6.66000x10^14 NP1: p=245.28000, s=679.65000, t=172.38000. NP2: p=336.66000, s=82.50000, t=10.44000. Principal axes: T 7.0243, P1g13.0000, Azm201.0000; N -0.8034, P1g77.0000, Azm12.0000; P -6.2209, P1g2.0000, Azm111.0000.

ANF 16 23:26:58.9, 0.5, 35.786N, 0.02:96.68W, 0.03, h4km, 6km, ML4.9/10 Error ellipse: s-maj=2.5km s-min=2.1km az=63.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mn=0.43; Mw=4.99; Mxx=4.56; Mxy=1.49; Myx=4.31; Myz=0.78; Fault plane solution: Mo=6.66000x10^14 NP1: p=245.28000, s=679.65000, t=172.38000. NP2: p=336.66000, s=82.50000, t=10.44000. Principal axes: T 7.0243, P1g13.0000, Azm201.0000; N -0.8034, P1g77.0000, Azm12.0000; P -6.2209, P1g2.0000, Azm111.0000.

NEIC 16 23:26:59.1, 35.866N, 96.70W, h3km IDC 16 23:26:59.3, 0.8, 36.03N, 96.89W, h0km, mb3.5/2, mbtmp3.6/10, ML3.4/8, MS3.2/2, Error ellipse: s-maj=12.5km s-min=9.5km az=149.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mn=0.43; Mw=4.99; Mxx=4.56; Mxy=1.49; Myx=4.31; Myz=0.78; Fault plane solution: Mo=6.66000x10^14 NP1: p=245.28000, s=679.65000, t=172.38000. NP2: p=336.66000, s=82.50000, t=10.44000. Principal axes: T 7.0243, P1g13.0000, Azm201.0000; N -0.8034, P1g77.0000, Azm12.0000; P -6.2209, P1g2.0000, Azm111.0000.

Table with columns: Code, Station Name, Lat, Az, Phase ID, ISC, Time, Res. Includes stations like Brethren Rd, Battle Ridge R, Depew, Mehan, Liberty Lake, Pawnee Station, etc.

2017 SEP

Main table with columns: Z35A, Iamb\_Lg, 23 28 18.4, etc. Lists various stations and their seismic data for September 2017.

16d 23h

Table with columns: MSTX, Iamb\_Lg, 5.34 251, etc. Lists stations like Muleshoe, Sterling City, etc. and their seismic data.

Table with columns: Station Name, Time, Az, El, Pn, Sn, Lg, LR, and various numerical values for stations like Draeger Farm, Tuckaleechee C, etc.

IDC 16 23:28:07.2 1.3, 34.06N; 135.63E, h57km, 14km, mb3.6/9, mbmp3.9/14, Error ellipse: s-maj=18.0km s-min=9.9km az=5.0

NIED 16 23:28:08.3, 34.13N; 135.61E, h63km, MW3.9, Moment Tensor Solution, s3, Moment tensor: Scale 10^19Nm; Mw=3.01; Fault plane solution: Ms=3.4000x10^4 NP1: 0.3700000, 0.7500000, 1.1500000; NP2: 0.3470000, 0.8700000, 1.1600000

JMA 16 23:28:08.3-0.1, 34.1N; 0.3; 135.6E; 0.3, h63km, MD3.9/40, MV4.1/40, NE WAKAYAMA PREF, JMA Fell II J1 at NE WAKAYAMA PREF

ISC 16 23:28:08.2, 0.7, 34.14N; 0.04; 135.61E; 0.03, h64km, 5km, n61, 0.573/56, mb3.9/9, 20D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, El, Op, Pn, Sn, Lg, LR, Time, Res, ISC, and various numerical values for stations like Kouya, Naratenkawa, etc.

Table with columns: Station Name, Time, Az, El, Pn, Sn, Lg, LR, and various numerical values for stations like Lanzhou, WAKE ISLAND, etc.

ZUR 16 23:32:57.9, 46.33N; 7.40E, h6km, 1km, MLh0.1/5, 2C-2D, Error ellipse: s-maj=2066.4km s-min=91.0km az=178.0, Switzerland

Table with columns: Code, Station Name, Az, El, Op, Pn, Sn, Lg, LR, Time, Res, ISC, and various numerical values for stations like Zeuzier, Staus, etc.

ZUR 16 23:35:53.6, 46.48N; 7.710E, h5km, 1km, MLh0.0/3, 1D, Error ellipse: s-maj=3252.1km s-min=1601.3km az=195.0, Switzerland

Table with columns: Code, Station Name, Az, El, Op, Pn, Sn, Lg, LR, Time, Res, ISC, and various numerical values for stations like Cheteau-d, etc.

BUI 16 23:38:00.0-0.0, 59.90N; 136.70W, h9km, mb4.8/48, m85.4/20, Ms5.1/31, Ms7.4/8/31

AEIC 16 23:38:01.5-1.5, 59.86N; 0.03; 136.78W; 0.03, h6km, 3km, Error ellipse: s-maj=3.8km s-min=2.3km az=185.0

IDC 16 23:38:01.8-0.4, 59.94N; 136.80W, h0km, mb4.7/32, mbmp4.7/39, ML4.5/7, MS4.3/73, Error ellipse: s-maj=10.0km s-min=5.7km az=43.0

NEIC 16 23:38:02.3, 59.85N; 136.77W, h5km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mw=3.01; Fault plane solution: Ms=3.4000x10^4 NP1: 0.3700000, 0.7500000, 1.1500000; NP2: 0.3470000, 0.8700000, 1.1600000

NEIC 16 23:38:02.2-1.4, 59.86N; 0.009; 136.79W; 0.03, h7km, 3km, mb5.1/173, ML5.1/99, Mw5.0/72, ML5.0(AEIC), Mw5.2(OTT) Error ellipse: s-maj=2.4km s-min=1.2km az=109.0, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mw=3.01; Fault plane solution: Ms=3.4000x10^4 NP1: 0.3700000, 0.7500000, 1.1500000; NP2: 0.3470000, 0.8700000, 1.1600000

MOS 16 23:38:02.9-0.9, 59.90N; 136.83W, h21km, mb5.3/89, MS4.4/22, Error ellipse: s-maj=9.8km s-min=3.6km az=97.4

PGC 16 23:38:02.3-0.0, 59.85N; 136.77W, h1km, ML5.4/35, Mw5.2, 108km southeast of Haines Jct., Yt Southeastern Alaska

NEIC 16 23:38:03.3, 59.90N; 136.75W, h10km, GCMT 16 23:38:06.2, 0.1, 59.98N; 0.01; 136.63W; 0.02, h14km, MW5.2/129, Moment Tensor Solution, s95, c142, s129, c240, Duration: 1s0 Moment tensor: Scale 10^17 Nm; Mw=3.01; Fault plane solution: Ms=3.4000x10^4 NP1: 0.3700000, 0.7500000, 1.1500000; NP2: 0.3470000, 0.8700000, 1.1600000

BGR 16 23:38:15.4, 60.95N; 136.39W, h33km, mb5.3, Ms4.5, ISC 16 23:38:07.7-0.4, 59.88N; 0.02; 136.76W; 0.01, h10km, 2km, h120km; PP-P, n1448, t1541/1501, mb5.1/220, MS4.4/11, 47C-12D, Southeastern Alaska

Table with columns: Code, Station Name, Az, El, Op, Pn, Sn, Lg, LR, Time, Res, ISC, and various numerical values for stations like Million Dollar, Windy Craggy, etc.

Table with columns: Station Name, Time, Az, El, Pn, Sn, Lg, LR, and various numerical values for stations like O29M, O29M, etc.



16d 23h

CAST	Castle Rocks	8.11 303	Pn	Pn	23 39 59.2	-1.2
CAST	Castle Rocks	8.11 303	P	P	23 40 00.5	+0.1
Q20K	Shuyay Island	8.12 268	P	Pn	23 39 59.8	-0.6
NBC3	NorthernBC 3	8.13 85	Pn	Pn	23 39 59.4	-1.2
NBC3	NorthernBC 3	8.13 85	Sn	Sn	23 41 30.2	-2.2
HG4B	Hotspring	8.21 155	Pn	Pn	23 40 01.1	-0.6
HG4B	Hotspring	8.21 155	Pn	Pn	23 40 00.9	-1.0
BUTB	Butedale	8.22 143	Pn	Pn	23 40 02.6	+0.6
BUTB	Butedale	8.22 143	Sg	Sg	23 42 18.8	-7.6
M20K	Styx River	8.23 291	P	Pn	23 40 01.7	-0.4
MLY	Manley	8.28 315	P	Pn	23 40 01.7	-1.0
OPT	Oil Point	8.32 276	P	Pn	23 40 04.2	+0.9
P19K	Oil Pt	8.32 276	P	Pn	23 40 03.2	-0.1
BMAR	Burnt Mountain	8.33 339	Pn	Pn	23 40 03.8	+0.3
H23K	Yukon River	8.34 321	P	Pn	23 40 04.3	+0.7
G24K	Hadwezenic Riv	8.37 329	P	Pn	23 40 03.6	-0.2
CHUM	Chumuchumin	8.37 305	P	Pn	23 40 04.0	+0.1
KD4K	Kodiak Island	8.47 263	P	Pn	23 40 04.7	-0.6
KD4K	Kodiak Island	8.47 263	P	Pn	23 40 04.5	-0.8
KD4K	Kodiak Island	8.47 263	iP	Pn	23 40 06.4	+1.1
KD4K	Kodiak Island	8.47 263	Pn	Pn	23 40 04.1	-1.2
KD4K	comp=E, 1.6nm, 0.3s, baz=358, slow=22, SNR=2.0		Sn	Sn	23 41 37.5	-3.4
F26K	Sheenjek River	8.49 341	P	Pn	23 40 06.0	+0.3
F26K	Sheenjek River	8.49 341	P	Pn	23 40 06.8	+1.1
E29M	Blow River	8.56 357	P	Pn	23 40 07.2	+0.7
INK	Inuvik	8.58 8	P	Pn	23 40 06.5	-0.2
INK	Inuvik	8.58 8	P	Pn	23 40 07.3	+0.6
INK	Inuvik	8.58 8	Pn	Pn	23 40 07.5	+0.8
INK	comp=E, 2.8nm, 0.3s, baz=190, slow=12, SNR=47		Sn	Sn	23 41 40.1	-3.3
INK	comp=E, 10nm, 0.3s, baz=139, slow=2, SNR=5.4		Lg	Lg	23 42 26.4	
INK	comp=E, 2um, 20.6s, baz=185, slow=42		LR	LR	23 43 56.5	
INK	Inuvik	8.58 8	Pn	Pn	23 40 07.2	+0.5
E27K	Coleen River	8.60 348	P	Pn	23 40 06.9	-0.3
E27K	Coleen River	8.60 348	Pn	Pn	23 40 07.3	+0.2
FSB	Fort Saint Jam	8.61 123	Pn	Pn	23 40 07.3	-0.5
Q19K	Cape Douglas,	8.67 271	Pn	Pn	23 40 08.1	+0.1
Q19K	Cape Douglas,	8.67 271	Pn	Pn	23 40 09.3	+1.2
F25K	Christian River	8.68 337	P	Pn	23 40 09.1	+0.9
O19K	Port Alsworth	8.80 280	P	Pn	23 40 10.2	+0.5
I21K	Tanana	8.80 314	P	Pn	23 40 09.5	-0.4
M19K	Big River Lodg	8.83 291	P	Pn	23 40 10.0	-0.2
N19K	Bonanza Creek	8.84 284	P	Pn	23 40 10.6	+0.2
N19K	Bonanza Creek	8.84 284	Pn	Pn	23 40 10.4	0.0
E28M	Babbage River	8.85 353	P	Pn	23 40 10.4	0.0
K20K	Telida	8.94 300	P	Pn	23 40 11.4	-0.4
H22K	Ishlitalina Cre	8.98 318	Pn	Pn	23 40 12.2	-0.1
H22K	Ishlitalina Cre	8.98 318	Pn	Pn	23 40 14.0	+1.7
OHAK	Old Harbor	9.04 260	P	Pn	23 40 12.8	-0.3
OHAK	Old Harbor	9.04 260	P	Pn	23 40 13.1	0.0
G23K	Bananza Creek	9.07 325	Pn	Pn	23 40 12.8	-0.8
G23K	Bananza Creek	9.07 325	P	Pn	23 40 15.4	+1.8
L19K	White Mountain	9.08 293	P	Pn	23 40 14.0	+0.4
BBB	Bella Bella	9.10 144	Pn	Pn	23 40 13.4	-0.4
BBB	Bella Bella	9.10 144	Pn	Pn	23 40 15.2	+1.3
BBB	comp=E, 3.7nm, 0.3s, baz=329, slow=13, SNR=2.4		Sn	Sn	23 41 56.0	-0.2
BBB	comp=E, 3.0nm, 0.3s, baz=348, slow=1, SNR=1.9		Lg	Lg	23 42 45.6	
BBB	comp=E, 5.3nm, 0.3s, baz=79, slow=19, SNR=6.5		LR	LR	23 43 59.9	
BBB	Bella Bella	9.10 144	Pn	Pn	23 40 13.6	-0.3
F24K	Squaw Lake	9.11 332	P	Pn	23 40 14.6	+0.6
F24K	Squaw Lake	9.11 332	P	Pn	23 40 14.2	+0.2
E25K	Arctic Village	9.12 339	Pn	Pn	23 40 14.9	+0.7
E25K	Arctic Village	9.12 339	Pn	Pn	23 40 14.7	+0.5
J20K	Nowinta River	9.22 305	P	Pn	23 40 15.4	-0.2
KAHG	Katmai Hook G	9.23 269	Pn	Pn	23 40 15.2	-0.6
O18K	Koktuh Hills	9.28 278	P	Pn	23 40 16.3	-0.1
H21K	Melozitna Rive	9.35 315	P	Pn	23 40 18.8	+1.5
P18K	Big Mountain,	9.37 275	Pn	Pn	23 40 17.1	-0.5
P18K	Big Mountain,	9.37 275	Pn	Pn	23 40 17.5	-0.1
SVW2	Sparrevohn	9.37 286	Pn	Pn	23 40 16.9	-0.7
SVW2	Sparrevohn	9.37 286	Pn	Pn	23 40 17.2	-0.4
KAHC	Katmai Hardscr	9.43 270	P	Pn	23 40 18.1	-0.3
Q18K	Katmai Hardscr	9.43 270	P	Pn	23 40 18.2	-0.3
COLD	Coldfoot	9.48 327	P	Pn	23 40 20.9	+1.8
COLD	Coldfoot	9.48 327	Pn	Pn	23 40 21.7	+2.6
COLD	Coldfoot	9.48 327	Sn	Sn	23 42 58.9	+5.3
R18K	Karluk	9.49 264	P	Pn	23 40 20.1	+0.9
D28M	Stokes Point	9.53 356	P	Pn	23 40 20.2	+0.5
N18K	Klilae Creek	9.53 283	P	Pn	23 40 20.7	+0.9
KAKM	Katmai Knife C	9.55 268	P	Pn	23 40 18.6	-1.6
NBC4	NorthernBC 4	9.56 109	Pn	Pn	23 40 20.2	-0.1
D27M	Malcolm River	9.57 351	P	Pn	23 40 20.5	+0.1
I20K	Naaghedeneel	9.59 308	P	Pn	23 40 20.3	-0.2
G22K	Bettles	9.65 323	P	Pn	23 40 22.6	+1.2
KABU	Katmai Buttres	9.67 268	Pn	Pn	23 40 21.9	+0.1
E24K	Your Creek	9.69 333	P	Pn	23 40 23.4	+1.4
ACHA	Angle Creek He	9.71 268	Pn	Pn	23 40 21.5	-0.8
TTA	Tatalina	9.71 297	Pn	Pn	23 40 21.5	-0.9
TTA	Tatalina	9.71 297	Pn	Pn	23 40 22.2	-0.2
TTA	Tatalina	9.71 297	Pn	Pn	23 40 21.7	-0.7
TTA	Tatalina	9.71 297	Pn	Pn	23 40 21.5	-0.9
SII	Sitkinak Island	9.77 258	Pn	Pn	23 40 22.8	-0.3
SII	Sitkinak Island	9.77 258	Pn	Pn	23 40 23.4	+0.3
SII	Sitkinak Island	9.77 258	Pn	Pn	23 40 22.4	-0.7
J19K	Poorman	9.78 303	P	Pn	23 40 23.3	+0.1
IMAR	Indian Mountai	9.85 316	Pn	Pn	23 40 25.1	+0.9
L18K	Granite Mounta	9.94 292	P	Pn	23 40 25.7	+0.4
E23K	Chandalar	9.94 331	P	Pn	23 40 25.1	-0.4
E23K	Chandalar	9.94 331	P	Pn	23 40 26.9	+1.4
CNTC	Contact Creek	9.97 269	Pn	Pn	23 40 25.9	-0.1
Q17K	Contact Creek	9.98 269	Pn	Pn	23 40 27.8	+1.7
P17K	Kvichak River	10.02 275	P	Pn	23 40 25.2	-1.2
P17K	Kvichak River	10.02 275	P	Pn	23 40 27.0	+0.6
H20K	Anotieneega Mo	10.03 312	P	Pn	23 40 25.9	-0.7
H20K	Anotieneega Mo	10.03 312	P	Pn	23 40 26.9	+0.3

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G21K	Allakaket	10.05 319	P	Pn	23 40 28.3	+1.5
J18K	Innokko River	10.13 299	P	Pn	23 40 27.9	-0.1
N17K	Nushagak Hills	10.28 282	P	Pn	23 40 28.0	-0.8
HILA	High Level	10.20 89	Pn	Pn	23 40 27.8	-1.2
C27K	Jago River	10.22 346	P	Pn	23 40 29.1	-0.1
C27K	Jago River	10.22 346	Pn	Pn	23 40 30.1	+0.9
F22K	John River	10.23 325	P	Pn	23 40 30.6	+1.1
O17K	Koliganek Bris	10.23 278	P	Pn	23 40 30.0	+0.6
Q16K	King Salmon	10.25 272	P	Pn	23 40 30.3	+0.7
M17K	Hollina River	10.26 287	P	Pn	23 40 30.2	+0.4
D25K	Kavik River	10.32 341	P	Pn	23 40 32.0	+1.4
TOLK	Toolik Lake Re	10.38 333	Pn	Pn	23 40 32.4	+0.9
TOLK	Toolik Lake Re	10.38 333	P	Pn	23 40 33.5	+2.0
R17K	Ugashik Creek	10.43 266	P	Pn	23 40 33.4	+1.2
F21K	Alatina River	10.45 322	P	Pn	23 40 33.7	+1.4
H21K	Holberg	10.47 148	Pn	Pn	23 40 32.1	-0.7
HOLB	Holberg	10.47 148	P	Pn	23 40 32.0	-0.8
GCSA	Galena City Sc	10.53 306	P	Pn	23 40 33.1	-0.4
E22K	Anaktuluk Pass	10.56 328	P	Pn	23 40 34.5	+0.6
PHC	Port Hardy	10.61 146	P	Pn	23 40 34.4	-0.1
D24K	Happy Valley	10.63 336	P	Pn	23 40 35.7	+0.8
H19K	Roundabout Mou	10.64 310	P	Pn	23 40 35.4	+0.5
C26K	Camden Bay	10.64 345	P	Pn	23 40 35.8	+0.8
L17K	Donin	10.68 291	P	Pn	23 40 36.1	+0.5
K17K	Iditarod	10.73 295	P	Pn	23 40 35.6	-0.6
O16K	Kokwok River B	10.77 278	P	Pn	23 40 36.3	-0.4
CHIR	Chirikof Islan	10.83 256	Pn	Pn	23 40 38.5	+0.9
CHIR	Chirikof Islan	10.83 256	Pn	Pn	23 40 34.6	-3.0
P16K	Nushagak River	10.83 275	P	Pn	23 40 37.8	+0.2
PACB	Port Alice, BC	10.83 147	P	Pn	23 40 38.2	+0.5
BDMTA	Bald Mountain	10.88 110	P	Pn	23 40 38.0	-0.3
D23K	Nanushuk River	10.89 333	P	Pn	23 40 37.7	-0.7
C36M	Paulatuk	10.92 24	Pn	Pn	23 40 38.7	-0.1
C36M	Paulatuk	10.92 24	P	Pn	23 40 37.5	-1.3
C36M	Paulatuk	10.92 24	P	Pn	23 40 37.8	-1.0
N16K	Nishlik Lake	10.97 283	P	Pn	23 40 39.8	+0.3
YKA	Yellowknife Ar	10.99 67	Pn	Pn	23 40 37.9	-1.9
YKA	comp=Z, 10.0nm, 0.5s		Pmax	Pmax		
YKA	Yellowknife Ar	10.99 67	Pn	Pn	23 40 37.9	-1.9
YKA	comp=Z, 2.8nm, 0.3s, baz=277, slow=16, SNR=26		Sn	Sn	23 42 36.4	-6.1
YKA	comp=Z, 3.4nm, 0.3s, baz=257, slow=16, SNR=4.0		Lg	Lg	23 43 43.8	
YKA	comp=Z, 2.6nm, 0.3s, baz=263, slow=30, SNR=4.1		LR	LR	23 45 08.6	
YKA	comp=Z, 2um, 21.1s, baz=255, slow=39		LR	LR		
M16K	Timber Creek	11.01 286	P	Pn	23 40 39.6	-0.5
F20K	Avarakant Lake	11.08 318	P	Pn	23 40 41.7	+0.8
C24K	Franklin Bluff	11.08 338	P	Pn	23 40 41.9	+0.9
G19K	Purcell Mouta	11.13 313	P	Pn	23 40 42.1	+0.5
J17K	VAB Dome	11.16 298	P	Pn	23 40 40.5	-1.6
L16K	Owhat River	11.23 289	P	Pn	23 40 43.6	+0.5
H18K	Honhosa River	11.26 307	P	Pn	23 40 42.6	-0.9
NCRB	Newcastle Ridg	11.28 143	P	Pn	23 40 46.8	+2.9
D22K	Aiyikav River	11.31 330	P	Pn	23 40 43.7	-0.5
WOSW	Woss	11.34 145	P	Pn	23 40 45.9	+1.2
WOSB	Woss	11.34 145	S	S	23 43 53.1	
E21K	Killik River	11.36 326	P	Pn	23 40 44.5	-0.3
EDB	Eliza Dome	11.44 147	P	Pn	23 40 47.0	+1.0
C23K	Killik River	11.56 336	P	Pn	23 40 47.0	-0.5
G18K	Tagagawik	11.62 311	P	Pn	23 40 49.3	+0.9
N15K	Kwethluk River	11.66 282	P	Pn	23 40 47.7	-1.2
F19K	Shalerucik Mo	11.68 315	P	Pn	23 40 48.6	-0.5
O15K	Ungalithiuk R	11.72 277	P	Pn	23 40 48.7	-1.0
E19K	Redstone River	11.79 319	P	Pn	23 40 52.5	+1.9
H17K	Granite Mouta	11.83 305	P	Pn	23 40 51.3	+0.1
J16K	Anvik River	11.83 297	P	Pn	23 40 50.1	-1.2
GDR	Gold River	11.84 144	S	S	23 44 13.5	
M15K	Kasigluk River	11.88 284	P	Pn	23 40 52.1	+0.1
E20K	Nigu River	11.89 323	P	Pn	23 40 53.6	+1.5
I17K	Unalakleet	11.95 300	P	Pn	23 40 53.4	+0.6
CHGN	Chignik	11.99 262	P	Pn	23 40 56.0	+2.6
BRDLA	Berland Lookou	12.02 110	Pn	Pn	23 40 54.6	+0.7
C21K	Knifblade Rid	12.06 328	P	Pn	23 40 56.6	+2.3
L15K	Ungalak Mouta	12.19 289	P	Pn	23 40 56.5	+0.3
K15K	Wolf Creek Mou	12.20 292	P	Pn	23 40 58.0	



16d 23h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like WVT Waverly, HP1G New Philadelph, P52A Cornish, etc.

2017 SEP

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like 352A Blakely, DRLN Deer Lake, TIGA Tifton, etc.

1214

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KLMR Klimovskoe, KLMR Matulia, KLMR Matagalpa, etc.





16d 23h

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Lanzhou, Castelo Branco, El Rosal, etc.

2017 SEP

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Puerto Leguiza, Podgorica, Cochancaya, etc.

1216

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Kabul, Tubus, Anoyia, etc.

SEA 16 23:43:02.1 ± 1.8, 45:53N:0:03:124.86W:0.07, h36km, 10km, s-maj=8.0km s-min=1.0km

PNSN 16 23:43:02.1 ± 1.8, 45:53N:124:86W, h36km, MD2.6, Fault plane solution: NP1;sl=170.00000°,δ=100.00000°,λ=100.00000°

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Seaside, Mount Hebo, Kings Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Clatskanie, Boisfort Moun, Corvalliss, etc.

Table with columns: G06A, IAML, 23 44 12.1, 23 44 56.3

Table with columns: DNK 16 23:43:02.9-2.9, 70.70N-26.04W, h37km, 999km, ML2.2, Eastern Kalaallit Nunaat

Table with columns: DBG Daneborg, SUMG Summit, 4.03 23, 4.36 301

Table with columns: MEX 16 23:44:33.6-0.5, 19.73N-98.47W, h5km, MD3.4, Central Mexico

Table with columns: MEX 16 23:45:37.7-0.5, 19.82N-98.49W, h5km, MD3.6, Central Mexico

Table with columns: LDG 16 23:47:26.8-0.1, 43.00N-1.15W, h2km, Md2.2, M12.2/10, Error ellipse: s-maj=2.0km s-min=1.6km az=21.0

Table with columns: LDG 16 23:47:26.6-0.5, 43.04N-1.12E, Error ellipse: s-maj=0.0km s-min=0.0km az=6.2, preliminary

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

Table with columns: LFF La Frestale, CARF Caranieres, MTLF Montoliu, MTLF Mosqueruela, RJOJ Les Rejaudoux, CAF Calviac, MFF Saint Martin d, LASF Ste Croix, BGF Bois d'Angland, VIVF Saint-Julien-l, QIVF Quistinne, SSF Saint Saulege

Table with columns: IDC 16 23:54:55.6-2.4, 0.47N-25.23W, h0km, mb3.8/3, mbmtpp3.8/3, MS3.6/2, Error ellipse: s-maj=120.1km s-min=45.3km az=121.0, Central Mid-Atlantic Ridge

Table with columns: BRTR Keskin Array B, AKASO Malin Array Be, ASAR Alice Springs, WRA Warramunga Arr

Table with columns: IDC 17 00:41:27.4-1.5, 10.46Sx123.83E, h0km, mb4.1/5, mbmp4.0/8, ML3.7/3, MS3.2/2, Error ellipse: s-maj=75.1km s-min=18.3km az=50.0

Table with columns: NEIC 17 00:41:32.2-2.1, 10.43Sx123.97E, h2km, mb4.0/8, mb4.0/8, Error ellipse: s-maj=6.8km s-min=6.3km az=85.0

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

Table with columns: AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs

Table with columns: H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H

Table with columns: MK31 Makanchi Array, MKAR Makanchi Array, BOOM Boomscoyech usch, BOAM Zalesovo Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov

Table with columns: JMA 17 00:43:09.3-0.1, 37.44N-0.2:141.3E, h67km, MV3.7/38, E OFF FUKUSHIMA PREF

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

Table with columns: JOTO OTAMA OYAMA, JOTO Ouri, JOU Okura, JYS Shirataka, JYS Yanaizu, JFY Ichinoseki, JMK Kaneyama, JYK Sado, JSD Matushiro Arr, MJAR Matushiro Arr, MAJO Matushiro, JGF Kuroka, INU Inuyama, SONM Songino Array, MKAR Makanchi Array, KURBB Kurchatov Arr, WRA Warramunga Arr, ASAR Alice Springs

Table with columns: PRE 17 00:44:28.5-1.6, 21.36Sx33.59E, h10km, ML2.6, ISC 17 00:44:31.4-1.6, 21.46Sx0.06:33.44E, h0.09, h13km, n17, s166:34, Mozambique

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

Table with columns: DULL Dullstroom, MMAL MMAL, CRLN Carolina, LEPH Lephale, POGA Pongola

Table with columns: ZOMB Zomba, MTLB Matlabas, NHAM Northam, HRAO HarRAO

Table with columns: LBTB Lobatse, KSTD Kokstad, BOSB Boshof

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

Table with columns: KMB0 Kilima Mbogo, KMB0 Kilima Mbogo, KMB0 Kilima Mbogo

Table with columns: LODK Lodwar, LODK Lodwar, LODK Lodwar

Table with columns: MBAR Mbarara, MBAR Mbarara, MBAR Mbarara

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



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, PSAO0 Pilbara Seismi, USRK Ussuriysk Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CARR Arriaga, PCIG PCIG, NILO Santiago Nitte, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SC01 Santiago de lo, SC01 comp=E,77nm,0.5s, CRPR Cabo Rojo, PR, etc.

NEIC 17 03:47:36.3 ± 1.8, 15.35N, 0.09:94.40W ± 0.09, h20km, 12km, mb4.0/12, Md4.3/13(MEX), Error ellipse: s-maj=14.9km s-min=10.4km az=225.0

OSPL 17 04:19:59.1 ± 0.7, 19.87N, 68.43W, h151km, 15km, ML3.0 SDD 17 04:20:01.6 ± 2.2, 19.12N, 68.80W, h12km, 4.4km, MD3.5, ML2.6

JMA 17 04:51:09.9 ± 0.5, 48.1°N, 3.14°E, h509km, MV3.8/26, SOUTHERN SEA OF OKHOTSK, MOS 17 04:51:10.2 ± 0.8, 48.15N, 145.51E, h492km, mb4.1/22, Error ellipse: s-maj=10.9km s-min=7.5km az=104.5



EZSV	2.37	56	Pn	04 57 12.9	-0.6	
EZSV	2.37	56	eP	04 57 12.9	-0.6	
SOMAC	2.37	56	Pn	04 57 13.2	-0.5	
JNCO	2.39	55	Pn	04 57 13.3	-0.6	
INBC	2.42	56	eP	04 57 13.8	-0.3	
ANIG	3.07	21	Pn	04 57 23.5	+0.5	
ANIG	Ahuacatlan	3.07	21	Pn	04 57 58.5	-1.4
ANIG	Shucacatlan	3.07	21	iP	04 57 23.5	+0.5
ANIG			eS	04 57 58.5	-1.4	
ARIG	Puente Sto Nin	5.08	88	Pn	04 57 50.7	+0.1
ARIG	Puente Sto Nin	5.08	88	eP	04 57 50.7	+0.1
UNM	Universidad Na	6.28	78	Pn	04 59 07.1	+0.3
TX31	Lajitas Ar. Si	11.27	9	Pn	04 59 19.7	+4.2
TX32	Lajitas Array	11.27	9	Pn	04 59 19.4	+3.9
TXAR	Lajitas Array	11.27	9	Pn	04 59 19.6	+4.1
TXAR	Lajitas Array	11.27	9	Pn	04 59 19.3	+3.8
TXAR	0.1nm,0.3s,baz=181,slow=12,SNR=31		LR	05 03 53.1		
833A	Chaparral WMA	11.64	29	Pn	04 59 24.5	+3.9
833A	Chaparral WMA	11.64	29	P	04 59 24.8	+4.2
DRIO	Del Rio	12.12	22	Pn	04 59 31.4	+4.3
SAND	Sanderson	12.17	15	Pn	04 59 31.6	+3.7
ALPN	Alpine	12.29	8	Pn	04 59 33.2	+3.6
425A	Indio Mountain	12.38	3	Pn	04 59 33.7	+3.7
HNDO	Hondo	12.73	26	Pn	04 59 39.0	+3.5
PECS	Pecos	13.25	7	Pn	04 59 46.8	+4.2
OZNA	Ozona	13.36	17	Pn	04 59 48.4	+4.4
JCT	Junction City	13.37	23	Pn	04 59 47.6	+3.4
JCT	Junction City	13.37	23	P	04 59 47.7	+3.4
MNTX	Cornudas Mount	13.47	1	Pn	04 59 49.3	+3.7
MNTX	Cornudas Mount	13.47	1	P	04 59 49.3	+3.7
319A	Stirling	13.54	347	Pn	04 59 50.1	+3.5
SGCV	Gregory City	14.29	16	Pn	04 59 58.6	+2.7
BRDY	Brody	14.40	24	P	05 00 00.8	+2.6
121A	Cookes Peak, D	14.43	353	P	05 00 02.7	-3.0
435B	Jarrell	14.56	29	Pn	05 00 02.0	+1.6
435B	Jarrell	14.56	29	P	05 00 03.1	+2.7
HKT	Hockley	14.77	36	Pn	05 00 04.1	+0.8
TUC	Tucson	14.81	343	P	05 00 06.8	-3.1
TUC	Tucson	14.81	343	P	05 00 07.6	-2.3
SN01	Snyder 1	15.25	16	Pn	05 00 12.7	+2.9
SN01			IAMB	05 00 17.8		
POST	Post	15.30	13	Pn	05 00 13.3	-2.0
POST			IAMB	05 00 18.3		
ABTX	Abilene, Hawley	15.39	20	P	05 00 14.9	-1.3
WHTX	Lake Whitney, baz=210	15.64	27	Pn	05 00 16.7	+1.9
APMT	Aspermont	15.90	17	Pn	05 00 19.8	+1.6
APMT			IAMB	05 00 24.3		
MSTX	Muleshoe	15.95	9	Pn	05 00 21.6	-1.0
MSTX			IAMB	05 00 22.5		
MSTX	Muleshoe	15.95	9	P	05 00 21.7	-0.9
FW13	Cleburne	15.96	26	Pn	05 00 20.9	+1.9
FW13			IAMB	05 00 38.8		
DKNS	Dickens	16.01	15	IAMB	05 00 26.1	
113A	Mohawk Valley, baz=170	16.25	33	Pn	05 00 24.6	-1.1
FW03	Perrin-Whitt E	16.32	23	IAMB	05 00 29.3	
FW06	Azle	16.45	25	Pn	05 00 27.2	+1.9
FW06			IAMB	05 00 31.6		
NATX	Nacogdoches	16.81	34	Pn	05 00 31.6	+1.8
NATX			IAMB	05 00 35.6		
WTF5	Wichita Falls	16.83	21	Pn	05 00 31.5	+1.5
WTF5			IAMB	05 00 35.6		
Z35A	Perchen, San	16.89	25	IAMB	05 00 36.1	
AMTX	Amarillo	17.02	11	Pn	05 00 34.4	-0.1
AMTX			IAMB	05 00 35.6		
AMTX	Amarillo	17.02	11	P	05 00 35.9	+1.4
RMX	La Rumorosa	17.14	329	P	05 00 35.5	-0.4
RMX			IAMB	05 00 37.8		
W18A	Petrified Fore	17.26	349	P	05 00 39.0	+1.9
MONP2	Monument Peak	17.55	329	P	05 00 40.9	+0.5
WMOK	Wichita Mounta	17.61	19	P	05 00 41.2	+0.3
BC3	Big Chuckawall	17.73	332	P	05 00 43.7	+1.4
PDMO1	Parker Dam,Lak	17.75	336	P	05 00 44.7	+2.3
X34A	Smith Ranch, M	17.80	322	IAMB	05 00 46.7	
109C	Camp Elliot, M	17.89	327	P	05 00 45.2	+1.2
WUAZ	Wupatki	18.00	345	P	05 00 46.4	+1.1
WUAZ	Wupatki	18.00	345	P	05 00 48.0	+2.7
IRM	Iron Mountain	18.02	334	P	05 00 48.0	+2.6
TPFO	Pinon Flats	18.14	330	P	05 00 49.6	+2.7
PFO	Pinon Flats O	18.15	330	P	05 00 50.1	+3.2
PFO	Pinon Flats O	18.15	330	P	05 00 51.5	+4.5
PFO	comp=Z,83nm,20.3s,baz=144,slow=32		LR	05 06 46.2		
MURC	Murrieta	18.50	328	Pn	05 00 53.1	+2.2
W35A	Tecumseh	18.64	23	IAMB	05 00 54.5	
ELIS	Ellis County	18.67	16	Pn	05 00 53.9	+1.0
ELIS			IAMB	05 00 55.6		
X37A	Clayton	18.76	27	IAMB	05 01 03.0	
GMRC	Granite Mounta	18.78	334	P	05 00 57.0	+2.7
T25A	Trinidad	18.93	3	Pn	05 00 58.9	+2.6
OK029	Liberty Lake	19.01	21	Pn	05 00 58.3	+1.2
OK029			IAMB	05 00 59.0		
U32A	Winter Ranch	19.08	17	IAMB	05 01 05.9	
MVCO	Mesa Verde	19.13	353	P	05 01 00.1	+1.5
MVCO	Mesa Verde	19.13	353	P	05 01 00.0	+1.4
NFSC	Mount Baldy Ra	19.24	329	Pn	05 01 01.3	+1.4
BOKA	Waynoka	19.34	17	IAMB	05 01 08.6	
OK031	S. Brethren Rd	19.37	22	P	05 01 01.2	+1.0
OK031			IAMB	05 01 08.7		
DEOK	Depew	19.40	23	Pn	05 01 02.3	+0.7
DEOK			IAMB	05 01 04.7		
TUQ	Turquoise Moun	19.45	334	P	05 01 03.5	+1.2
CROK	Carrier	19.49	19	IAMB	05 01 03.5	
SDCO	Great Sand Dun	19.50	0	P	05 01 03.8	+0.7
SDCO			IAMB	05 01 07.7		
SDCO	comp=Z,9.2nm,1.1s		Pn	05 01 04.0	+0.8	

S22A	4UR Ranch, Cre	19.53	357	IAMB	05 01 08.4	
S22A	4UR Ranch, Cre	19.53	357	P	05 01 04.8	+1.3
MIAR	Mot Ida	19.56	31	Pn	05 01 03.9	+0.3
VBMS	Vicksburg	19.57	41	P	05 01 04.5	+0.8
QUOK	Quay	19.61	22	Pn	05 01 03.5	+0.7
QUOK			IAMB	05 01 07.2		
GSC	Goldstone, Bar	19.71	332	P	05 01 05.0	-0.5
TUL3	Leard	19.73	24	P	05 01 05.2	+1.2
OK048	Pawnee Station	19.75	21	Pn	05 01 06.0	+0.1
OK048			IAMB	05 01 12.2		
KNB	comp=Z,24nm,0.8s	19.80	343	IAMB	05 01 13.0	
KAN14	Manchester O1	19.91	18	IAMB	05 01 12.9	
EDW2	Edwards Air Fo	19.92	329	P	05 01 07.2	-0.8
BLOC	Blackwell	19.97	20	IAMB	05 01 11.5	
SHOC	Shoshone, Tec	19.99	334	P	05 01 08.4	-0.3
CCAR	Cane Creek	20.02	36	IAMB	05 01 14.8	
KAN17	Caldwell West	20.05	19	IAMB	05 01 13.9	
PKCU	Pin Cliffs	20.06	344	IAMB	05 01 18.0	
SHRP	Sheep Range	20.09	337	Pn	05 01 10.8	+0.8
HMU	Henry Mountain	20.18	348	IAMB	05 01 20.7	
RLO	Rose Lookout	20.26	26	IAMB	05 01 11.8	
QSM	Queen of Sheba	20.30	333	Pn	05 01 12.1	-0.2
UALR	University of	20.37	33	IAMB	05 01 17.4	
GWY	Greenwater Val	20.40	334	P	05 01 12.8	-0.9
ARVC	Arvin	20.43	328	Pn	05 01 14.7	-0.3
MTPU	Mount Pierson	20.60	345	IAMB	05 01 39.6	
MPMC	Manual Prospec	20.65	332	Pn	05 01 16.0	-0.6
FURC	Furnace Creek,	20.72	334	Pn	05 01 16.8	-0.5
FURC			IAMB	05 01 17.6	-0.1	
Q24A	Divide	20.73	1	Pn	05 01 17.6	-0.1
U38A	Gravette	20.76	26	IAMB	05 01 20.8	
ISA	Isabella, Lake	20.78	329	IAMB	05 01 20.4	
ISA	Isabella, Lake	20.78	329	Pn	05 01 17.5	-0.6
WHAR	Woolly Hollow	20.80	32	IAMB	05 01 18.4	
HHAR	Hobbs	20.82	28	P	05 01 16.4	+0.5
HHAR			IAMB	05 01 20.8		
PKM	McPherson Peak	20.86	326	P	05 01 17.3	-1.8
TPNV	Topopah Spring	20.89	336	IAMB	05 01 22.8	
TPNV	Topopah Spring	20.89	336	Pn	05 01 18.9	-0.5
WCT	Wildcat Mount	20.90	335	IAMB	05 01 24.0	
KSCO	Kaye Sheddock	20.94	7	P	05 01 19.6	+2.2
KSCO			IAMB	05 01 23.3		
SMCO	Snowmass	20.96	357	IAMB	05 01 24.2	
MVU	Marysville	21.04	346	IAMB	05 01 23.7	
VES	Vestal, Richgr	21.21	13	P	05 01 21.8	+1.5
BRAL	Brewton	21.28	49	P	05 01 20.7	-0.3
FCAR	Ozark Folk Cen	21.35	32	IAMB	05 01 23.6	
ISCO	Idaho Springs	21.55	0	P	05 01 26.5	+2.3
P18A	Preston Nutter	21.74	350	IAMB	05 01 47.1	
OXF	Oxford	21.81	39	P	05 01 29.6	+3.0
R11B	Troy Canyon, C	21.88	339	P	05 01 29.1	+1.5
DSP	Deep Springs	21.96	333	IAMB	05 01 37.9	
LCAR	Lake Charles	21.98	33	Pn	05 01 32.9	+0.9
LCAR			IAMB	05 01 39.9		
O20A	White River Ci	22.00	355	IAMB	05 01 33.6	
O20A	White River Ci	22.00	355	P	05 01 31.3	+2.4
TPH	Tonopah	22.25	335	IAMB	05 01 36.6	
S39A	Bolivar	22.27	27	P	05 01 32.0	+0.4
S39A			IAMB	05 01 38.0		
MGMO	Mountain Grove	22.29	29	IAMB	05 01 35.0	
KSU1	Kansas State U	22.30	19	IAMB	05 01 35.2	
KSU1	Kansas State U	22.30	19	P	05 01 33.2	+1.3
LRAL	Lakeview Retre	22.38	45	Pn	05 01 33.3	+0.5
LRAL			IAMB	05 01 36.1		
LRAL	Lakeview Retre	22.38	45	P	05 01 33.7	+0.9
RDMU	Red Mountain	22.57	352	P	05 01 35.9	+0.9
RDMU			IAMB	05 01 38.2		
OMMB	Old Minto Mt	22.61	332	IAMB	05 01 40.2	
N23A	Red Feather La	22.65	360	P	05 01 37.6	+1.7
T42A	Van Buren	22.76	31	IAMB	05 01 39.3	
DUG	Dugway, Tooele	22.79	346	IAMB	05 01 41.2	
DUG	Dugway, Tooele	22.79	346	P	05 01 38.7	+1.4
OGNE	Ogallala	22.91	7	P	05 01 40.5	+2.0
PLAL	Pickwick Lake	22.93	40	IAMB	05 01 41.0	
NVAR	Mina Array Bea	22.99	334	P	05 01 40.5	+1.0
NVAR			LR	05 09 50.8		
PHWY	Pilot Hill	23.05	0	IAMB	05 01 43.1	
X48A	Hartselle	23.22	42	P	05 01 42.2	+0.6
X48A			IAMB	05 01 43.7		
Y49A	Blount Mountain	23.27	44	IAMB	05 01 44.4	
CCM	Cathedral Cave	23.50	30	P	05 01 45.1	+0.7
CCM	Cathedral Cave	23.50	30	P	05 01 45.6	+1.3
152A	Waverly Hall	23.75	49	IAMB	05 01 48.4	
Z51A	Franklin	23.79	47	IAMB	05 02 00.0	
P38A	Dawn	23.84	24	IAMB	05 01 49.9	
WVT	Waverly	23.86	38	P	05 01 46.8	-1.1
WVT			IAMB	05 01 51.4		
WVT	Waverly	23.86	38	P	05 01 48.2	+0.3
ELK	Elko	23.95	342	LR	05 10 13.0	
TIGA	Tifton	23.96	52	P	05 01 48.7	-0.2
BGNE	Belgrade	24.05	14	P	05 01 51.4	+1.8

V48A	Smith Brothers	24.20	40	IAMB
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Table with columns: MZ3K, KNK, SII, J26L, G29M, K24K, INK, I26K, H27K, G27K, F28M, ILAR, E29M, TRF, G26K, O18K, E28M, M20K, CHNA, E27K, H24K, CAST, I23K, F26K, SDPT, O17K, G24K, D27M, MLY, F25K, H23K, K20K, PPT, PP2, F24K, H22K, G23K, J20K, TTA, C27K, O15K, H21K, COLD, E24K, J19K, D25K, J18K, L17K, E23K, H20K, L16K, H03N2, H03N1, H03N3, F22K, N14K, E22K, D23K, M14K, F20K, G19K, D21K, G18K, F19K, E19K, E20K, D19K, SFJD, E17K, G15K, CPUP, RAR, BORG, JMJC, PETK, ARCES, NOA, DAVOX, DZM, DZM, VRAC. Each row contains station name, coordinates, and other data.

Table with columns: PZH, PanZhiHua, JMA, SKHL, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes sub-sections for Kuril'sk, Nemuro-Hokkai, and various island stations like TRN, FUNV, and NOU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes sub-sections for Costa Rica (HATIL, ELI, ALIBA, etc.) and other regional stations (CDITO, BRU2, etc.).



Table with columns: Call sign, Name, Time, Az, P, S, R, and various other codes. Includes stations like W52A Murphy, SWET Sewanee, W50A Signal Mountai, etc.

NORS 17 05:38:35.8.0.0, 42.88N-43.87E, h10km, MPVA4.4
MOS 17 05:38:35.2.0.0, 42.94N-43.88E, h21km, MPVA4.3
TIF 17 05:38:36.4, 42.92N-44.03E, h11km, 1km
DRS 17 05:38:41.3.0.0, 42.66N-43.83E, h23km
IRS 17 05:38:35.9.1.0, 42.93N-43.96E, 0.01, h17km, 8km, n101, s102, 0179, 3C-5D, Western Caucasus

Table with columns: Call sign, Name, Time, Az, P, S, R, and various other codes. Includes stations like STDR Stavn-Durt, MTEO Meteo, GUDG Gudaury, etc.

Table with columns: Call sign, Name, Time, Az, P, S, R, and various other codes. Includes stations like DBC Dubki, KRNR Karanay, ARKR Arakani, etc.

UUSS 17 05:38:44.0.1.1, 44.30N-01.110.84W, 0.03, h8km, 5km, ML3.2/3.14, ML2.9/33(NEIC), Error ellipse: s-maj=3.2km
ANF 17 05:38:45.8.0.8, 44.36N-110.85W, h4km, 8km, ML3.2, 2.7, Error ellipse: s-maj=7.2km s-min=5.1km az=168.0
NEIC 17 05:38:45.7.1.0, 44.303N-0.009-110.87W, 0.02, h3km, 7km, Error ellipse: s-maj=2.2km s-min=0.9km
az=120.0
ISC 17 05:38:45.6.1.0, 44.31N-0.02, 110.85W, 0.02, h4km, 10km, n74, s86/80, Yellowstone region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like YPP Pitchstone Pla, H17A Grant Village, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Red Lodge, Bozeman, Grays Lake, etc.

IDC 17 05:44:50.1±0.6, 59.605±26.07W, h0km, mb4.2/9, mbmp4.2/11, ML4.3/2, MS3.8/1, Error ellipse: s-maj=26.3km s-min=18.7km az=60.0

NEIC 17 05:44:50.2±1.2, 59.4S, 0.1x25.2W, 0.3, 1.4hkm, 1km, mb4.5/38, Error ellipse: s-maj=25.6km s-min=17.7km az=53.0

ISC 17 05:44:53.8±0.5, 59.59S±0.08, 25.62W±0.10, h32km, n70, ±19.13/62, mb4.4/24, 2C-5D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Neumayer-Stat, Neumayer Oym, Neumayer Ohp, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like POC Station P, Pontes e Lacer, Casey, etc.

IDC 17 05:47:24.8±2.8, 0.07S, 24.80W, h0km, mb3.7/4, mbmp3.7/4, MS3.4/8, Error ellipse: s-maj=93.8km s-min=52.1km az=103.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Riachuelo, ASCENSION HYDR12.85, etc.

STR 17 05:56:30.4±0.8, 46°N, 5°E, h6km, MLv0.5/2, Error ellipse: s-maj=0.0km s-min=0.0km az=110.1, preliminary

ZUR 17 05:56:30.3, 46.16N, 6.96E, h3km, MLh0.7/2, 3C-1D, Error ellipse: s-maj=1205.9km s-min=362.3km az=139.0, Switzerland

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Lac Salanfe, Emosson Stauma, etc.

GEN 17 05:56:33.5, 46°18'N, 6°94'E, h6km, 1km, M1.5, STR 17 05:56:34.9±0.3, 46°N, 2°E, h8km, 5km, MLv1.7/8, Error ellipse: s-maj=1.0km s-min=0.0km az=106.3, preliminary

LDG 17 05:56:34.7±0.1, 46°16'N, 6°98'E, h3km, M1.8/2, M12.2/15, Error ellipse: s-maj=1.0km s-min=0.9km az=96.0, ROM 17 05:56:35.4±0.3, 46°11'N, 0°17', 0.4E, 0.02, h10km, ML 1.5/6, Error ellipse: s-maj=1.6km s-min=0.8km az=318.0

ZUR 17 05:56:34.7, 46°17'N, 6°95'E, h2km, MLh1.7/29, 11C-4D, Error ellipse: s-maj=1385.8km s-min=464.4km az=124.0, Switzerland

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Lac Salanfe, Emosson Stauma, Martigny, Rue, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Aigle, ESION, SIOV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIZ Kirchzarten, SLE Schleithem, VIVF Saint-Julien-1, etc.

NEIC 17 05:56:49.7±1.1, 14.39N:0.04:88.56W:0.4, h10km, 2km, mb4.3/4, Error ellipse: s-maj=7.7km s-min=4.4km az=216.0

SNET 17 05:56:50.4±1.1, 14.40N:0.88:57W, h11km, ML4.3 IDC 17 05:57:07.8±19.0, 18.32N:86.91W, h0km, mb3.2/2, mbmp3.5/3, ML4.4/1, Error ellipse: s-maj=57.4km s-min=42.9km az=16.0

ISC 17 05:56:49.8±1.2, 14.40N:0.04:88.57W:0.03, h15km, 2gkm, n51, c057/59, mb3.8/3.2C, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LLGN La Laguna, SCLA Alcala de Sa, ESQI Esquipulas, etc.

DJA 17 05:58:17.0±0.5, 8.54S:12.8E, h186km, 17km, M4.5/7, mb4.2/3, mb4.9/1, MLV4.6/7, Mw(mb)4.1/1, Banda Sa

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

IDC 17 05:59:23.6±1.5, 6.64S:72.68E, h0km, mb3.9/11, mbmp3.9/11, MS3.4/6, Error ellipse: s-maj=50.0km s-min=21.1km az=46.0

NEIC 17 05:59:24.0±1.0, 6.8S:0.1:73.1E:0.1, h10km, 1km, mb4.3/12, Error ellipse: s-maj=26.4km s-min=3.1km az=134.0

ISC 17 05:59:23.9±0.7, 6.72S:0.09:73.0E:0.1, h10km, n35, c148/27, mb4.2/17, MS3.4/6, Chagos Archipelago region

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

MEX 17 06:03:27.0±1.2, 15.70N:95.27W, h18km, 78km, MD4.7 IDC 17 06:03:31.0±2.3, 15.79N:95.04W, h47km, 22km, mb4.0/16, mbmp4.2/18, ML3.7/2, Error ellipse: s-maj=18.2km

NEIC 17 06:03:32.4±1.9, 13.03N:0.08:95.05W:0.06, h51km, 8km, mb4.5/259, Md4.7/1(A)(MEX), Error ellipse: s-maj=12.2km s-min=7.9km az=204.0

ISC 17 06:03:25.3±0.4, 15.82N:0.05:95.27W:0.03, h10km, n475, c134/381, mb4.5/94.7D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, HUIT Huatulco, NILT Santiago Nilte, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAND Sanderson, TXAR Lajas Array, TXAR Lajas Array, etc.

17d 6h

Table with columns: Station ID, Name, Stat, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, and other parameters. Includes stations like KAN12 Harper NE, TUC Tucson, S39A Bolivar, etc.

2017 SEP

Table with columns: Station ID, Name, Stat, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, and other parameters. Includes stations like JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, etc.

1226

Table with columns: Station ID, Name, Stat, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, and other parameters. Includes stations like YKA Yellowknife Ar, T35M Bob Quinn, KOTAN Kotaneelee Air, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like Coleen River, Susitna One, Chulita, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like Dall Lake, Meade River, Tukpahlearik C, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and other parameters. Includes stations like HNDO Hondo, DRIO Del Rio, Huntsville, TX, etc.

17d 6h

Table with columns for station code, name, time, and various data points. Includes stations like OXF Oxford, FNF Franklin, GTBY Guanantamo Bay, etc.

2017 SEP

Table with columns for station code, name, time, and various data points. Includes stations like PAMC Pamplona, SDCO Great Sand Dun, SDCO Great Sand Dun, etc.

1228

Table with columns for station code, name, time, and various data points. Includes stations like K38A Parkersburg, PHWY Pilot Hill, TUQ Turquoise Mountain, etc.

1229 2017 SEP 17d 6h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like YBHA, F10A, I05D, G05A, I03D, BUCK, NEW, NEW, C09A, LTY, D05A, ETMB, MACA, B06A, FFC, NLWA, EDM, PGC, SAML, SAML, CLRS, LLLB, LPZA, CBB, MDP, ITTB, PBD2, BBB, VILB, VILB, LVC, LVC, PDRB, CLDB, PTLB, PTLB, BBSB, GO02, YKA, BBRB, T35M, KOTAN, AC02, DLBC, DLBC, S34M, T33K, PRPB, SALV, WTLY, WTLY, R33M, Q32M, SIT, WRGLY, WRGLY, TGTN, SNDB, PP1B, P32M, P33M, BDQN, SKAG, N32M, N32M, AQDB, AQDB, ARAG, WHY, MMPY, P30M, FARO, FARO, P29M, O30N, CFA, TICA, M31M, N31M, ESFA, HYT, PNL, MT03, N30M, PINM, M30M, AMBA, MAYO, YUK8, M29M, CPUP, Villa Florida.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like CPUP, CPUP, CTG, L29M, YUK3, K29M, BDFB, BDFB, J30M, BGLC, H31M, CRQE, B19V, C36M, I30M, I30M, MCARA, M27K, DAWY, DAWY, G31M, SDBA, BMRM, IPMB, Q23K, M26K, I29M, F31M, EPYK, EPYK, EYAK, N25K, G30M, L26K, L26K, K27K, K27K, H29M, H29M, INK, INK, I28M, F30M, KLU, HARP, G29M, G29M, M24K, SCRK, PAX, I27K, J26L, J26L, JCM, JCM, SFJD, H27K, RES, M23K, I26K, A36M, SEW, SKW, K24K, E29M, SML, F28M, G27K, WAT6, J25K, J25K, DHY, DHY, BRSE, PMR, KDAK, E28M, WAT1, HOM, HDA, PRP, PRP, M22K, Villa Florida.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like D28M, ILAR, ILAR, G26K, E27K, SUA, CUT, CCB, MCK, POKR, COLA, COLA, Q19K, D27M, P19K, BMAH, F26K, MDM, N20K, SPCR, SKT, TRF, G25K, NEA2, PLCA, PLCA, PLCA, H24K, VAO, V25K, DIAM, Q18K, I23K, G24K, O19K, E25K, BPAW, BPAW, M20K, M20K, Q17K, P18K, CAST, R17K, H23K, N19K, C27K, O18K, MLY, MLY, F24K, CHUM, M19K, PLTB, P17K, G23K, RCBR, R16K, I21K, N18K, D25K, L19K, E24K, H22K, CHGN, K20K, COLD, O17K, CHNA, E23K, RCBR, J20K, H21K, H21K, P16K, G22K, N17K, TOLK, TOLK, S14K, D24K, O16K, TTA, I20K, L18K, Stokes Point, Eielson Array, Porcupine River, Coleen River, Susitna One, China, Clear Creek Bu, McKinley, Poker Flat Res, College, College, Cape Douglas, Malcolm River, Oil Pt, Burnt Mountain, Sheenik River, Murphy Dome, Mount Spurr, Spurr Chakacha, Skwertna, Thorfare Moun, Bearman Lake, Nena, Paso Flores, Paso Flores, Paso Flores, Noodor Dome, Christian River, Diamantina, Katmai, Yukon-K, Hadweezic Riv, Arctic Village, Paw Mtn, Purkeypie, Styx River, Styx River, Contact Creek, Big Mountain, Castle Rocks, Ugnik Creek, Yukon River, Bonanza Creek, Jago River, Koktuh Hills, Manley, Manley, Squaw Lake, Lake Minchumin, Big River Lodg, Pedras Altas, Kvichak River, Bonanza Creek, Pilot Point, Tanana, Kilae Creek, Kevik River, White Mountain, Yukon Creek, Ishlaltina Cre, Chignik, Telida, Coldfoot, Koiganek Bris, Chernabura Isl, Chandalar, Riachuelo, Novinta River, Melozitna Rive, Melozitna Rive, Nushagak River, Bettles, Nushagak Hills, Toolik Lake Re, Toolik Lake Re, Fog Glacier, Happy Valley, Kokwok River B, Tatalina, Naaghdeneel, Granite Mounta.

17d 6h

Table with columns: Call sign, Frequency, Mode, Class, Power, and other parameters. Includes stations like PPT2, C24K, M17K, etc.

2017 SEP

Table with columns: Call sign, Frequency, Mode, Class, Power, and other parameters. Includes stations like BGES, BGES, BCLA, etc.

1230

Table with columns: Call sign, Frequency, Mode, Class, Power, and other parameters. Includes stations like SQTA, MOTA, WTWA, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sierra Bellavi, Pichilemu, Tunca, Punta Hualpin, San Pedro de C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Tololo Observa, Juan Fernandez, H03S3, VA04, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like 729nm.0.3s, ID07, ID07, ID07, etc.

Table of station data for 17d 7h, including station names, coordinates, and various parameters like elevation and SNR.

Main table of station data for 2017 SEP, listing station names, coordinates, and parameters. Includes a section for 'IDC 17 07:25:46.6:8.0,2079S<179.04W,h631km,51km'.

Table of station data for 1232, including station names, coordinates, and parameters. Includes a section for 'SJA 17 07:49:44.6:0.8,23:85S<66:64W,h229km,5km,ML4.1'.

Table of astronomical observations for the date 2017 SEP. Columns include Code, Station Name, Azimuth (AZ), Phase, ISC, Time (h:m:s), Res (h:m:s), and LSC. Includes stations like GO2, GO02, PB09, PB14, PB07, AC02, AC01, AC04, PB16, LCO, CO01, LPAZ, CFA, CPUP, SIV, MT09, ML02, TRQA, PLCA, BDFB, LL02, MACA, BELA, TOR, ASAR, WRA, BVAR, MKAR, PZH, CDITO, CDAO, BRUZ, FITO, EDAD, PTJA, EDSV, JIME, ED2P, EDPN, EDBA, BUEN, BRIBI, PEZE, EDDE, BVS1, LLUJ, SUQ2, RIMA, BATAN, BCIP, LCR2, AB2E, PCAYA, RAFA, ICR3, OCM, ACOS, AMPA, HDX, JACO, SOCE, COVE, JTS.

Table of astronomical observations for the date 2017 SEP. Columns include Code, Station Name, Azimuth (AZ), Phase, ISC, Time (h:m:s), Res (h:m:s), and LSC. Includes stations like JTS, ORT, SOLC, ESPN, ACON, ACON, APAC, PRVC, DBBC, BOAB, CBCC, PLUC, MATM, UREC, HELC, HELC, PTAT, JAMC, GUYZ, ZARC, JACC, NBAC, POC, NORC, GUTC, GCFU, PACI, OTAV, OTAV, PRAC, PRAC, ARGV, IMBA, TEG, BETO, ROSC, ROSC, SPBC, PULU, GAR, FLOC, CHIC, SFLR, BARC, LLC, RUSC, PALM, MACC, COHC, COHC, PTLC, PTLC, GUV, URUC, BOSC, SDV, MCRA, MCRA, PETF, TEIG, BAUV, ATAH, SDDR, SDDR, SDDR, BTBG, PCRV, CZSB, BOAV, ETMB, MACA, SAML, SAML, Z47A, Z47A, TKL, V58A, V48A, MIAR, WWT, WHAR, WHAR, MDP, LCAK, TXAR, TXAR, FCAR, FCAR, MGMO, CCM, CCM, OLIN, S39A, ODNJ, ODNJ, J56A, J56A, J58A, ACCN, ACCN, SDCO, SDCO, SADO, W18A, SPMM, G62A.

Table of astronomical observations for the date 2017 SEP. Columns include Code, Station Name, Azimuth (AZ), Phase, ISC, Time (h:m:s), Res (h:m:s), and LSC. Includes stations like G62A, PV12, TRQ, PKME, F63A, F64A, F33A, E62A, E62A, LATQ, PQL, PQL, PFO, PFO, LMN, LMN, LMQ, LMQ, BATG, BATG, E28A, E28A, GSC, PDAR, PDAR, HWUT, HWUT, DML, DML, DLP, DLP, ULK, ULK, ELK, ELK, NVAR, NVAR, NVAR, NVAR, OMMB, OMMB, LHV, LHV, MDPB, MDPB, WHOR, WHOR, SCHO, SCHO, PLCA, PLCA, YBH, YBH, FRB, FRB, BBB, BBB, DLBC, DLBC, SFJD, SFJD, RES, RES, I30M, I30M, INK, INK, A36M, A36M, ILAR, ILAR, KDAK, KDAK, ESDC, ESDC, EKA, EKA, SPITS, SPITS, NOA, NOA, NOA, HFS, HFS, CLL, CLL, GERRS, GERRS, GERE, GERE, FINES, FINES, TIXI, TIXI, ASAR, ASAR, WRA, WRA, PZH, PZH, H01W, H01W, H01W, H01W, BDFB, BDFB, MDP, MDP, TORD, TORD, TORD, TORD, SIV, SIV.

17d 9h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Villa Florida, Sonseca Array, Tsumeb, La Paz, Nana, Boshof, Geres, etc.

IDC 17 08:49:13.9, 10.0, 6.96Sx129.68E, h97km, 104km, mb3.5/2, mbmp3.8/4, ML4.0/2, MS3.3/1, Error ellipse: s-maj=147.0km s-min=-38.8km az=61.0

NEIC 17 08:49:18.6, 1.7, 7.3S, 0.1, 129.10E, 0.03, h124km, 14km, mb4.1/5, Error ellipse: s-maj=18.4km s-min=-4.8km az=176.0

ISC 17 08:49:16.7, 0.9, 7.32S, 0.10, 129.08E, 0.08, h100km, n21, c197/19, mb3.6/3, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Lauklaki, Soe, Fak Fak, etc.

KRNET 17 08:50:39.4, 0.1, 39.57N, 74.28E, mb3.0, SOME 17 08:50:42.4, 0.40, 39.57N, 74.40E, h0km, NNC 17 08:50:43.9, 1.9, 39.97N, 74.50E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=14.2km s-min=-9.5km az=162.0

ISC 17 08:50:42.9, 2.5, 39.88N, 0.08, 74.33E, 0.04, h35km, 15km, n39, c194/51, 26C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Sufi-Kurgan, Osh, Aral, etc.

2017 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like TMK2, USP, KST, DGS, etc.

ISC 17 08:53:38.9, 33.52N, 30.52E, h21km, ML2.8/9, NIK 17 08:53:42.4, 0.0, 33.52N, 30.79E, h26km, 1km, ML2.6/5, ISC 17 08:53:39.1, 2.3, 33.41N, 0.10, 30.53E, 0.09, h26km, 19km, n15, c195/26, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like CSNet OBS 1, CSNet OBS 2, etc.

KRNET 17 09:02:34.4, 0.1, 41.85N, 78.24E, h22km, mb1.9, NNC 17 09:02:38.4, 3.3, 41.87N, 78.14E, h0km, mb3.0, mpv2.9, Error ellipse: s-maj=23.2km s-min=-11.6km az=165.0, Suspected Mining explosion, ISC 17 09:02:36.5, 1.3, 41.88N, 0.05, 78.13E, 0.05, h0km, n14, c192/22, 14C-ID, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like TARG, PRZ, ANVS, etc.

1234

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like SATY, TNS, ULHL, etc.

IDC 17 09:04:48.3, 1.3, 5.45S, 35.74E, h0km, mb3.9/3, mbmp3.9/6, ML4.2/4, MS3.3/1, Error ellipse: s-maj=27.6km s-min=20.8km az=99.0

EAF 17 09:04:49.0, 5.3, 34S, 36.10E, h10km, MC4.5, AAE 17 09:04:59.6, 2.1, 0.3, 75S, 37.07E, h31km, 999km, ISC 17 09:04:47.5, 0.8, 5.42S, 0.04, 35.93E, 0.06, h9km, n28, c280/44, mb4.0/3, Tanzania

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like DOD, GETA, KIMBO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASCN Ascension, H10N2 ASCENSION HYDR 1.47 240, H10N3 ASCENSION HYDR 1.51 241, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASCN Ascension, DBIC Dimbokro, TOAO Torodi Ar. Sit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Ostrava-Krasne, Vranov, Trest, MAUC Maruska, ZVTC Zvikov, etc.

NEIC 17 09:21:31.0-2.5, 7.0S-0.2x13.5W-0.2, h10km, 1km, mb4.6/11, Error ellipse: s-maj=45.5km s-min=10.9km

MOS 17 09:24:56.9-1.1, 37.1N-141.141E, h43km, mb4.7/22, Error ellipse: s-maj=8.3km s-min=5.2km az=103.2

17d 9h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like MSHR, JNU, YSS, YSS, YSS, etc.

2017 SEP

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like KMI, TIXI, PZH, PZH, SIJI, etc.

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Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like WRAB, WRAB, WRAB, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIPTOVSKA ANNA, VYHNE, COLLIM, etc.

MEX 17 09:25:50.5-0.5, 15.78N-94.37W, h49km, 20km, MD4.0, Near coast of Oaxaca

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

IDC 17 09:31:18.8-0.7, 59.70S-26.34W, h0km, mb4.3/7, mbmp4.3/8, ML4.8/1, MS3.5/1, Error ellipse: s-maj=30.3km s-min=19.5km az=61.0

NEIC 17 09:31:20.9-1.2, 59.7S-0.2-26.4W-0.4, h10km, 2km, mb4.6/21, Error ellipse: s-maj=36.5km s-min=21.9km az=54.0

ISC 17 09:31:24.0-0.9, 59.9S-0.2-26.1W-0.2, h50km, n48, e235/30, mb4.5/16, 6C-2D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEUMAYER-STAT, NEUMAYER OLYMP, etc.

STR 17 09:34:15.8-0.3, 50N-4.4E, h0km, MLV3.3/28, Error ellipse: s-maj=0.0km s-min=0.0km az=13.6, preliminary, France

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

IDC 17 09:38:30.1-3.5, 6.37S-154.53E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=125.2km s-min=93.2km az=114.0, Bougainville-Solomon Islands region

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

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

SOME 17 09:31:40.4, 44.60N-82.05E, h25km, NNC 17 09:31:43.1, 1.5, 44.75N-81.72E, h0km, mb3.8, mpv3.6, Zalesovo Beam 143.47 58 PKIKP PKPpre

ISC 17 09:31:41.3-1.6, 44.61N-0.06-82.00E-0.08, h16km, 12km, n21, e091/26, 2C-2D, Northern Xinjiang

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

STR 17 09:34:15.8-0.3, 50N-4.4E, h0km, MLV3.3/28, Error ellipse: s-maj=0.0km s-min=0.0km az=13.6, preliminary, France

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

IDC 17 09:38:30.1-3.5, 6.37S-154.53E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=125.2km s-min=93.2km az=114.0, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORD, TOROI AR BEA, etc.

NEIC 17 09:47:45.9-0.6, 19.472N-0.006-155.59W-0.01, h5km, 1km, Error ellipse: s-maj=2.8km s-min=1.4km az=256.0

HVO 17 09:47:45.4-0.7, 19.476N-0.008-155.593W-0.009, h3km, 1km, ML2.5/15, ML2.1/50(NEIC), Error ellipse: s-maj=1.4km s-min=1.0km az=57.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOKU-AEOWE, MAUNA LOA OBSE, etc.

IDC 17 10:27:04.9-0.8, 12.56N-91.90E, h0km, mb3.9/17, mbmp3.9/18, MS3.5/3.4, Error ellipse: s-maj=24.1km s-min=16.2km az=51.0

NDI 17 10:27:10.1-4.3, 12.95N-91.92E, h39km, 64km, MW4.7, mb4.5(NEIC)

NEIC 17 10:27:11.8-2.0, 12.78N-0.08-92.1E-0.1, h33km, 4km, mb4.5/17, Error ellipse: s-maj=16.5km s-min=8.7km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PORT BLAIR, CHIANG MAI ARR, etc.

17d 11h

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like SHL Shilling, HYB Hyderabad, PTH Pithoragarh, etc.

2017 SEP

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like DAVOX Davos/Dischmat, TSUM Tsumeb, JMJC Jan Mayen, etc.

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Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND HY 29.01 123 T, MKSR WAKE ISLAND HY 49.07 123 T, WRA Warramunga Arr 57.12 188 P, etc.



Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR comp=Z,2.0nm,0.6s, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WMOV comp=Z,2.2nm,0.7s, MSVF Nonsau, MSVF Petrapovlivos, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JHRM Jahrom, IREH Irah, QIR1 Qir, etc.

DSN 17 11:10:29.9, 1.28, 26N, 54.10E, h15km, ML2.9/7, Error ellipse: s-maj=17.1km s-min=8km az=50.0
ISC 17 11:10:28.6, 1.1, 28.42N, 0.04, 54.07E, 0.04, h24km, n46, r131/62, Southern Iron

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AF01 San Pedro de A, YJA Yavi, LVC Limon Verde, etc.

TEH 17 11:10:27.0, 28.43N, 54.12E, h11km, 42km, ML3.4
OMAN 17 11:10:29.0, 1.28, 35N, 54.31E, h10km, m0.4/5, m3.4/11, Error ellipse: s-maj=3.0km s-min=1.5km az=249.0

17d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like G006, PLCA, BDFB, TKL, WVT, QSPA, TOAD, TORO, MKAR.

KNET 17 11:11:09.6:0.2,43.28N:74.66E,h11km,1km,ml1.4, Error ellipse: s-maj=2.4km s-min=1.1km az=54.0

KRNET 17 11:11:09.4:0.1,43.30N:74.67E,h15km,mb2.0, NNC 17 11:11:09.6:0.4,43.29N:74.68E,h0km,mb2.0,mpv2.5, Error ellipse: s-maj=3.2km s-min=2.8km az=9.0, Suspected Mining explosion.

SOME 17 11:11:09.6:0.3,43.33N:74.70E, ISC 17 11:11:09.6:1.0,43.30N:0.03:74.68E:0.02,h0km,n22, o56:39Z,22C-6D,Central Kazakhstan

Main table for 17d 12h section, listing stations like USP, DGS, KRBS, EKS2, KST, UCH, BOOM, AML, AML, AML, AML, KTBS, ULHL, ULHL, ULHL, TNS5, TNS5, KK31, KK31.

IDC 17 11:26:29.3:3.1,6.87S:127.54E,h329km,39km,mb3.1/2, mbtmp4.1/5, Error ellipse: s-maj=53.2km s-min=16.2km az=69.0, Banda Sea

Table for Banda Sea section, listing stations like BATI, WRA, ASAR, ASAR, PETK, MKAR.

IDC 17 11:31:06.6:3.2,3.66N:71.69E,h79km,27km,mb3.6/11, mbtmp4.1/6,MS3.5/1, Error ellipse: s-maj=25.3km s-min=16.7km az=5.0

NNC 17 11:31:13.5:2.2,37.45N:71.62E,h153km,35km,mb3.4, mpv4.2, Error ellipse: s-maj=20.7km s-min=14.7km az=18.0

ISC 17 11:31:08.9:0.6,37.12N:0.05:71.60E:0.06,h106km,n48, o295:55,mb3.8/11,5C-3D,Afghanistan-Tajikistan border region

Table for Afghanistan-Tajikistan border region, listing stations like CEP, CHCP, THW, AML, AML, AML.

2017 SEP

Main table for 2017 SEP section, listing stations like UCH, EKS2, AAK, AAK, AAK, KK31, KBK, ULHL, CHMS, USP, TKM2, TKM2, TKM2, GEYT, GEYT, OTUK, MKAR, PYUN, DANN, KOLN, GKN, KURBS, AB31, DMN, PKIN, PKI, GUM, JIRN, BVAR, RAMN, AKTO, AKTO, ODAN, ZALV, SONM, FINES, ARCES, ARCES, HFS, NB2, NOA, EKA, ESKD, ESCD, TORD, YKA, WRA, ASAR.

NEIC 17 11:32:12.4:1.1,11.60S:0.09:166.6E:0.1,h203km,7km, mb4.4/19, Error ellipse: s-maj=18.3km s-min=10.5km az=122.0

IDC 17 11:32:15.3:3.6,11.75S:166.60E,h231km,34km, mb3.6/11,mbtmp4.1/12, Error ellipse: s-maj=25.2km s-min=19.1km az=121.0

ISC 17 11:32:12.2:0.6,11.66S:0.06:166.6E:0.1,h200km,n44, o592:48,mb4.2/21,Santa Cruz Islands

Table for Santa Cruz Islands section, listing stations like HNR, KOUNC, KOUNC, DZM, DZM, DZM, ONTNC, EIDS, EIDS, CTAR, CTAR, CTAR, CAN, CAN, BKZ, STKA, STKA, WRO, WRO, WBO, WBO, WBR, WBR, WBR, WRA, WRA, WRA.

1240

Table for 1240 section, listing stations like AS31, ASAR, ASAR, BBOO, BBOO, MJAR, JKA, KRSR, PEAOB, PEAOB, PETK, PETK, HEH, HEH, CMAR, CMAR, QSPA, QSPA, SONM, IL31, ILAR, J25K, J25K, BCAR, MK31, MKAR, ARCES, FINES, BOSA, NOA, ESCD.

JMA 17 11:48:25.7:0.4,33.7N:144.137E,h407km,MV3.6/40, FAR S OFF TOKAI DISTRICT

IDC 17 11:48:31.4:1.5,33.90N:137.61E,h426km,28km,mb2.5/1, mbtmp3.3/4, Error ellipse: s-maj=81.6km s-min=24.8km az=53.0

ISC 17 11:48:30.3:1.1,34.1N:0.1:198.0E:0.1,h450km,n16, o185:21,Near south coast of eastern Honshu

Table for eastern Honshu section, listing stations like JNY, JOD2, JHD, JHD, JHY, JHY, JRY, JRY, BS04, BS03, BS03, BS03, MJAR, MAT, MAT, JWT, BSO1, BSO1, JAG, JYT, JYT, JHO, KRSR, WRA.

IDC 17 11:48:48.0:10.0,12.43N:92.37E,h0km,mb3.6/2, mbtmp3.4/3,ML3.3/1,MS3.2/1, Error ellipse: s-maj=227.1km s-min=49.2km az=105.0,Andaman Islands region

Table for Andaman Islands region, listing stations like CMAR, H08S2, H08S2, H08S1, WRA, ASAR, YAK, H04N2, H04N1, H04N3.

MEX 17 12:08:00.7:0.8,15.09N:93.67W,h16km,129km,MD3.4, Near coast of Chiapas

Table for Chiapas section, listing stations like PCIG, PATR, PATR, PAVE, PAVE, PAVE, CHJU, CHJU, CCIG, CCIG, HUIG, HUIG, HUIG.

KRSC 17 12:18:26.1:1.7,48.70N:156.30E,h70km,27km,MI3.7, East of Kuril Islands

Table for Kuril Islands section, listing stations like PAU, KDTR, KDTR.

1241

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ASAK, MTRV, RUS, etc.

IDC 17 13:54:41.9:3.1,5:26S:129.12E,h328km,4min,mb2.8/1, mbmtpp3.6/4, Error ellipse: s-maj=70.5km s-min=16.1km az=74.0, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SUJI, WRA, ASAR, MKAR, etc.

IDC 17 13:12:04.9:7.7, 15:59N:94.03W, h0km, mb3.6/4, mbmtpp3.5/5, ML2.9/1, MS3.2/7, Error ellipse: s-maj=205.6km s-min=49.0km az=22.0

MEX 17 13:12:07.5:0.8, 15:10N:94.63W, h16km, 12km, MD3.8 NEIC 17 13:12:08.2:2.7, 15:50N:0.08:94.45W:0.04, h0km, 7km, mb4.0/20, MD3.8/14(MEX), Error ellipse: s-maj=11.3km s-min=6.1km az=115

ISC 17 13:12:05.2:2.8, 15:38N:0.08:94.55W:0.04, h2km, 17km, n54, e202/54, mb3.8/6, MS3.2/5, Near coast of Oaxaca

Main table for the 1241 section, listing various stations and their parameters. Includes stations like PCIG, HUIG, PEIG, etc.

2017 SEP

IDC 17 13:30:28.5:0.6, 21:14S:11.56W, h0km, mb4.2/18, mbmtpp4.2/18, MS3.8/28, Error ellipse: s-maj=23.6km s-min=17.2km az=102.0

NEIC 17 13:30:30.2:6.2, 21:05S:0.1x11.8W:0.2, h10km, 1km, mb4.9/18, Error ellipse: s-maj=25.7km s-min=21.0km az=280.0

ISC 17 13:30:30.8:0.5, 21:06S:0.09:11.7W:0.1, h16km, n72, e098/48, mb4.5/34, MS3.7/28, Southern Mid-Atlantic Ridge

Main table for the 2017 SEP section, listing various stations and their parameters. Includes stations like H10S2, H10S3, WIN, etc.

17d 13h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HAGFORS, NB2, NOA, etc.

NOU 17 13:40:45.5, 18:04S:178.37W, h562km, MLv4.1/11, Fiji Islands Region

NEIC 17 13:40:48.4:1.2, 17:33S:0.1x178.94W:0.09, h55km, 8km, mb4.4/40, Error ellipse: s-maj=18.6km s-min=8.8km az=149.0

IDC 17 13:40:51.0:1.1, 17:22S:179.19W, h575km, 8km, mb3.1/8, mbmtpp4.1/10, Error ellipse: s-maj=33.0km s-min=14.2km az=144.0

ISC 17 13:40:48.0:0.5, 17:29S:0.09:178.97W:0.08, h550km, n89, e132/92, mb4.3/29, Fiji Islands region

Main table for the 17d 13h section, listing various stations and their parameters. Includes stations like TAVE, DGTI, MSVF, etc.

17d 14h

2017 SEP

1242

Table with columns: ILAR, J26L, TXAR, M30M, PDAR, ARCES, BUR0B, BRTR, CLL, MMAI, GERES, CONA, RONA, MOA, LESA, KBA, RETA, WTTA, SOTA, MTA, ABTA, FUORN. Includes station names, codes, times, and magnitudes.

SDD 17 13:49:06.9,2.3,19.15N,68.86W, h20km, 15km, MD3.6, ML2.1, MW2.6, 13C-12D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for SDD event.

IDC 17 13:56:49.9,0.8, 1.61N, 126.34E, h0km, mb3.77, mbtmp3.68, ML3.4/1, MS2.6/1, Error ellipse: s-maj=52.3km s-min=17.6km az=174.0

DJA 17 13:56:49.8, 1.6, 2.5N, 127.6E, h26km, 16km, M4.0/12, mb4.5/2, ML3.8/12

NEIC 17 13:56:49.8, 1.1, 1.78N, 0.08x126.53E, 0.07, h38km, 9km, mb4.1/10, Error ellipse: s-maj=14.8km s-min=7.9km az=48.0

ISC 17 13:56:50.3, 0.6, 1.77N, 0.06x126.58E, 0.07, h47km, n32, o690/34, mb4.0/12, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for IDC, DJA, NEIC, and ISC events.

Table with columns: PETK, MKAR, AFI, KURBB, CASY, VVDA. Includes station names, codes, times, and magnitudes.

MDD 17 14:01:12.9, 0.7, 35.64N, 4.61W, h68km, 13km, Mb2.4/8, Error ellipse: s-maj=5.0km s-min=4.4km az=138.0

INMG 17 14:01:13.4, 1.4, 35.64N, 4.67W, h31km, 11km, ML1.6, Error ellipse: s-maj=4.4km s-min=2.7km az=87.0

SFS 17 14:01:13.6, 35.67N, 4.60W, h60km, ML2.5/10, ML2.5/7, ML2.6/10

ISC 17 14:01:12.2, 2.4, 35.7N, 0.1x4.63W, 0.05, h69km, 20km, n27, o598/42, 8C, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for MDD, INMG, SFS, and ISC events.

NEIC 17 14:23:04.0, 1.5, 64.49N, 0.09x17.6W, 0.1, h8km, 4km, mb4.0/12, Error ellipse: s-maj=13.4km s-min=6.6km az=179.0

REY 17 14:23:04.5, 64.68N, 17.44W, h5km, IDC 17 14:23:05.0, 1.3, 64.43N, 17.73W, h0km, mb3.4/4, mbtmp3.5/5, ML2.4/1, Error ellipse: s-maj=42.8km s-min=13.1km az=14.0

ISC 17 14:23:04.7, 0.7, 64.68N, 0.02x17.45W, 0.02, h9km, 4km, n48, o152/68, mb4.2/9, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for NEIC, REY, and ISC events.

Table with columns: IKAL, IVSH, IVAT, IADA, IFAG, IFAG, ISTE, ISTE, IMEL, IREN, IREN, BORG, BORG, BORG, BORG, ESK, DSB, KONO, SPB2, CLL, CLL, BRR, BRG, GERES, DRLN, DRLN, PAB, PAB, MAHO, MORF, OSA3, ILAR, ILAR, M29M, M29M, KK31, MKAR, PDAR, PDAR, HLID, J01E, J01E, BCW. Includes station names, codes, times, and magnitudes.

NEIC 17 14:23:11.3, 2.0, 15.22N, 0.09x94.60W, 0.01, h35km, 2km, mb4.2/5, M3.8/14(MEX), Error ellipse: s-maj=15.7km s-min=3.0km az=174.0

MEX 17 14:23:11.3, 0.6, 15.11N, 94.52W, h17km, 74km, MD3.8, ISC 17 14:23:13.1, 1.1, 15.10N, 0.08x94.56W, 0.04, h49km, 13km, n70, o111/80, mb4.3/18, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for NEIC, MEX, and ISC events.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like QUOK Quay, OK051 E0350 and S346, W50A Signal Mountain, etc.

IDC 17 14:26:03.9.0.7, 64.60N:17.68W, h0km, mb3.6/12, mbmp3.7/13, ML4.1/1, Error ellipse: s-maj=21.5km s-min=10.8km az=9.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like IKIS Kista, IVON Vonarskard, IDYN Dyngjuhals, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like IMEL Melnhauser, IREN Reyhniho, BORG Borgarnes, etc.

KLM 17 14:26:05.6:43S:149.16E, h10km, mb5.3 NEIC 17 14:26:07.6:2.1, 6:31S:0.06x:148.87E:0.07, h19km, 3km, s-maj=9.4km s-min=9.3km az=111.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like PMG Port Moresby, PMG Keravat, KRVT Keravat, etc.

17d 14h

Table of flight data for 17d 14h, including columns for flight number, origin/destination, status, and time.

2017 SEP

Main table of flight data for 2017 SEP, including columns for flight number, origin/destination, status, and time.

1244

Table of flight data for 1244, including columns for flight number, origin/destination, status, and time.

1245

Table with columns for station code, name, frequency, and signal strength. Includes stations like CMAR Chiang Mai Arr, BJT Baijiatou, XAN Xi'an, etc.

2017 SEP

Table with columns for station code, name, frequency, and signal strength. Includes stations like KIP Kipapa, OPA Opapa, HEH Heihe, etc.

17d 14h

Table with columns for station code, name, frequency, and signal strength. Includes stations like SHL, GTA Gaotai, KIWBI Ulanbatar, etc.

17d 14h

2017 SEP

1246

Table with columns for station ID, name, elevation, azimuth, distance, and other metadata. Includes stations like N14K Kuskokwak Cree, K13K Kusilvak Mount, CHIR Chirikof Islan, etc.

Table with columns for station ID, name, elevation, azimuth, distance, and other metadata. Includes stations like L19K White Mountain, J18K Innoko River, HOM Homer, etc.

Table with columns for station ID, name, elevation, azimuth, distance, and other metadata. Includes stations like KNK Nnik Glacier, KNK Nnik Glacier, KTH Kanthna Hill, etc.



Table of 2017 SEP data for stations 1247-128M. Columns include station ID, name, elevation, frequency, mode, and various performance metrics.

Table of 2017 SEP data for stations I28M-NVARS. Columns include station ID, name, elevation, frequency, mode, and various performance metrics.

Table of 2017 SEP data for stations KRMB-NVAR. Columns include station ID, name, elevation, frequency, mode, and various performance metrics.



Table with columns: ID, Name, Date, Time, Status, Type, and various numerical values. Includes entries like TUL3 Leonard, I37A Lemond, I37B Waseca, etc.

Table with columns: ID, Name, Date, Time, Status, Type, and various numerical values. Includes entries like LLO1 San Ignacio de, STHS Stebnicka Huta, M44A Midewin, etc.

Table with columns: ID, Name, Date, Time, Status, Type, and various numerical values. Includes entries like L48A N Adams, L48A Wasew, O48B Farmland, etc.

17d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CONA, T50A, T50A, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 352A, 352A, 053A, etc.

1250

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 255A, FETA, Q56A, etc.



17d 14h

Table with columns: Station Name, Time, Res, Code, Station Name, Delta, Azimuth, Phase ID, and Res.

IDC 17 14:29:33.5,0.6,39.29N,23.93E,hOkm,mb4.1/21, mb1mp4,1/34,ML3,7/12,MS3.8/13,Error ellipse: s-maj=10.7km s-min=9.3km az=86.0

MED\_RC 17 14:29:33.0,0.3,39.20N,23.97E,h11km,1km,MW4.6/32, Moment Tensor Solution,Mantle waves: s32,c37;

Duration: 1s0 Moment tensor: Scale 10^10Nm; Mn=0.04e+07; Mw=0.98e+17; Mw=1.02e+06; Mw=0.29e+14; Mw=0.01e+06; Mw=0.43e-14; Best double couple: Mo1.120000e+16 NP1.13500000e+88.000000, lambda=27.000000, NP2.22600000e+86.300000,

Azm 183.0000; N 0.1100, Plg63.0000; Azm310.0000; P -1.1800, Plg20.0000; Azm87.0000; nsta1 refers to body waves. nsta2 refers to surface waves. cutoff=35s.

ISK 17 14:29:33.39,30N,24.00E,h16km,ML4.5/21, MOS 17 14:29:34.0,1.2,39.31N,24.03E,h13km,mb4.6/15, Error ellipse: s-maj=4.5km s-min=2.7km az=86.1

THE 17 14:29:34.3,39.29N,24.03E,h14km,ML4.1/27, Error ellipse: s-maj=0.4km s-min=0.2km az=324.0 NEIC 17 14:29:34.7,1.1,39.27N,0.04,24.00E,0.05,h1km, mb4.5/21, Error ellipse: s-maj=8.8km s-min=5.3km az=224.0

SOF 17 14:29:34.2,39.41N,24.07E,h9km,MD4.3 ATH 17 14:29:34.4,39.29N,24.01E,h7km,1km,ML4.1/37, Error ellipse: s-maj=1.6km s-min=0.8km az=268.0 PDG 17 14:29:34.1,0.4,39.28N,23.99E,h21km,ML4.5/11, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

NAO 17 14:29:37.6,39.21N,24.42E,h33km,mb4.5 BEO 17 14:29:37.0,0.6,39.40N,23.91E,h15km,3km,ML4.1/13 DDO 17 14:29:37.0,0.6,39.23N,24.30E,h7km,4km,MW4.4 TIR 17 14:29:42.7,39.98N,23.44E,h12km,1km,MD4.3

ISC 17 14:29:34.2,0.8,39.29N,0.02,24.00E,0.02,h8km,5.5km, n553, t139/656, mb4.3/41, MS3.8/6, 31C-26D, Aegean Sea

Main data table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ALNIA, ALNIA, ALNIA, SKIROS ISLAND, SKIROS ISLAND, SKY SKY, SKIROS ISLAND, etc.

2017 SEP

Main data table with columns: Station Name, Time, Res, Station Name, Time, Res, Station Name, Time, Res. Includes stations like ATHU, ATHU, ATHU, ATHU, ATHU, etc.

1252

Main data table with columns: Station Name, Time, Res, Station Name, Time, Res, Station Name, Time, Res. Includes stations like PRK, PRK, PRK, PRK, PRK, etc.



17d 14h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNK, NACGII, VSR, GNI, etc.

2017 SEP

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ADZR, AKTO, GEYT, etc.

1254

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like SOEI, STKA, MMRI, etc.

NEIC 17 14:36:29.1±1.3, 6:36S:0°10x149.2E:0°1, h35km, 1km, s-min=12.8km

ISC 17 14:36:30.0±0.5, 6:35S:0°07, h53km, n47, s-min=12.8km

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, h, m, s, ISC. Includes stations like PMG, KRVT, RABL, etc.

LJU 17 14:38:17.2, 46:21N:13:69E, h16km, ML1.5

ROM 17 14:38:17.3±0.1, 46:21N:0:004:13:669E:0:006, h15km, ML1.9/7, Error ellipse: s-maj=0.6km s-min=0.1km az=235.0

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, h, m, s, ISC. Includes stations like CADS, DRE, ROBS, etc.





17d 14h

Table with columns: RMQ, Location, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Roma, Sydney Hard Rock, Canberra Magne, etc.

2017 SEP

Table with columns: PLAI, Location, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Plampang, Mapaga, Casy, etc.

1256

Table with columns: Location, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Furnace Creek, Turquoise Mountain, Shoshone, etc.



17d 14h

Table of station data for 17d 14h, including columns for station ID (e.g., MSTX), name (e.g., Muleshoe), and various numerical and categorical values.

2017 SEP

Table of station data for 2017 SEP, including columns for station ID (e.g., BRDY), name (e.g., Brady), and various numerical and categorical values.

1258

Table of station data for 1258, including columns for station ID (e.g., E29M), name (e.g., Blow River), and various numerical and categorical values.

Table listing astronomical observations for 1259. Columns include station name (e.g., BRAL, LRAL, WWT), frequency, polarization, and various parameters like SNR and position.

Table listing astronomical observations for 2017 SEP. Columns include station name (e.g., VYVH, KRUC, LRAL), frequency, polarization, and various parameters like SNR and position.

Table listing astronomical observations for 17d 18h. Columns include station name (e.g., EIDS, WBO, WRAB), frequency, polarization, and various parameters like SNR and position.

17d 16h

Table of astronomical observations for 17d 16h. Columns include Code, Station Name, Azimuth (A), Zenith (Z), Phase ID, Time, and Residual (Res). Includes observations from stations like Kununurra, Alice Springs, and various others.

UUSS 17 16:11:04.9:0.6, 42°52'N, 107°00'00"E, h15km, 2km. Error ellipse: s-maj=1.6km s-min=1.2km bz=55.0.
NEIC 17 16:11:04.8:0.6, 42°53'N, 107°01'00"E, h15km, 2km, ML2.6, 4.4, ML2.5, 7.7(UUSS). Error ellipse: s-maj=1.5km s-min=1.0km az=82.0, Eastern Idaho

2017 SEP

Table of astronomical observations for 2017 SEP. Columns include Code, Station Name, Azimuth (A), Zenith (Z), Phase ID, Time, and Residual (Res). Includes observations from stations like Auburn Hatcher, Alton, and various others.

Code Station Name Azimuth (A) Zenith (Z) Phase ID Time Res
JYH Yagishiri 0.60 53 Op ISC 15 31 32.0 +0.0
JJK Shakotan 0.75 196 eP Pg 15 31 34.8 -0.3
JHR Hokuryu 0.77 115j eP Sg 15 31 34.9 -0.7
JHR JHR 15 31 45.6 -0.2
JSS Shosan 0.85 67 eP Pg 15 31 37.0 -0.1
JIS 15 31 45.0 +1.0
JISS Ishikarishitsu 0.93 149j eP Pg 15 31 38.0 -0.5
JRR Rishiri 1.14 20 eS Sg 15 31 50.5 -0.2
JKB Ashibetsu 1.12 18 eP Sg 15 31 42.9 +1.2
JKB Ashibetsu 1.12 18 eP Sg 15 31 43.0 +1.1
JASAJ Asahikawa 1.20 87 eP Sg 15 31 59.1 +1.6
JASAJ Asahikawa 1.32 87 eS Sg 15 32 02.4 +0.8
JASAJ Asahikawa 1.32 87 Pn Sb 15 31 44.9 +0.6
JASAJ Asahikawa 1.32 87 Pn Sb 15 31 44.9 +0.6
JASAJ Asahikawa 1.32 87 Pn Sb 15 31 44.9 +0.6

ISN 17 16:19:23.0:0.9, 33°59'N, 45°63'E, h8km, 4km, ML2.2
TEH 17 16:19:24.1, 33°58'N, 45°62'E, h10km, 61km, ML2.7
ISN 17 16:19:24.1:0.9, 33°57'N, 45°58'E, h13km, n11,
@105/15, Iran-Iraq border region
Code Station Name Azimuth (A) Zenith (Z) Phase ID Time Res
ILBA Ilam Banvizeh 0.53 83 Op P 16 19 14.0 -0.7
IBDR Badra 0.54 147 eP Sg 16 19 34.0 -0.9
IBDR Badra 0.54 147 eP Sg 16 19 34.0 -0.9
IBDR Badra 0.54 147 eP Sg 16 19 34.0 -0.9

n61.0:094/64, mb4.2/20, Halmahera 1260

Table of astronomical observations for Halmahera region. Columns include Code, Station Name, Azimuth (A), Zenith (Z), Phase ID, Time, and Residual (Res). Includes observations from stations like Ternate, Labuha, and various others.

SOF 17 16:36:59.8, 41°65'N, 24°98'E, h20km, MD2.8
ISK 17 16:37:00.8, 41°68'N, 25°04'E, h8km, ML2.9/20
ATH 17 16:37:01.3, 41°60'N, 25°01'E, h12km, 1km, ML3.0/9
Manual Solution by S. Liakopoulos First location:
2019/05/21 01:16:33, this location: 2019/05/21 01:15:44
ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
THE 17 16:37:01.9, 41°59'N, 25°00'E, h5km, 1km, ML2.8/4, Error ellipse: s-maj=2.0km s-min=0.4km az=193.0
BEO 17 16:37:02.7, 41°62'N, 24°99'E, h0km, ML2.9/11
DDA 17 16:37:02.0:0.4, 41°51'N, 25°51'E, h18km, 14km, ML2.7
ISN 17 16:37:00.9:0.9, 41°65'N, 24°25'01"E, h10km, 7km, n99, s194/137, 15C-4D, Greece-Bulgaria border region
Code Station Name Azimuth (A) Zenith (Z) Phase ID Time Res
RZN Rozhen 0.21 283 iP P 16 37 05.4 +0.1
KZD Kurdzhali 0.25 94 P P 16 37 06.2 +0.3
KZD Kurdzhali 0.25 94 P P 16 37 06.2 +0.3
KZD Kurdzhali 0.25 94 P P 16 37 06.2 +0.3

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like NVK, Neurokopi, and THAS.

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like ZALV, Zalesovo Beam, and BVAR.

MEX 17 17:33:48.5-0.6, 15:84N-94:99W, h41km, 43km, MD4.6
NEIC 17 17:33:49.2-2.7, 15:93N:02:95E, 17W:0.05, h35km, 2km,
mb4.1/23, MD4.6/13(MEX), Error ellipse: s-maj=8.4km
s-min=4.1km az=261.0
IDC 17 17:33:51.2-4.3, 16:12N:94:70W, h44km, 35km, mb3.5/4,
mbtmp3.7/6, ML3.3/2, MS3.1/2, Error ellipse: s-maj=68.4km
s-min=30.8km az=29.0
ISC 17 17:33:47.5-0.8, 15:96N:0:08-95:09W, 0:05, h20km, 5km,
n51, +192/53, mb3.8/4, Near coast of Oaxaca

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like NILT, Santiago Nilte, and HUIG.

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like PEIG, Puerto Escondi, and NEUV.

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like RTAL, Huelahuenu, and HUIH.

JMA 17 18:12:02.9-0.2, 24:84N-122:21E, h105km, 2km,
MV2.8/17, TAIWAN REGION
TAP 17 18:12:02.8, 24:84N-122:21E, h105km, ML3.7, B
ISC 17 18:12:02.6-1.3, 24:84N:0:03, 122:19E, 0:02, h108km, 5km,
n167, +096/301, 6C, TAIWAN region

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like EGS, santiao, and TWB1.

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like IDC, Chiang Mai Arr, and H08S2.

Table listing astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like MEX, NEIC, IDC, and H08S1.





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

MEX 17 18:45:40.29:0.5, 16:12N:94:96W, h57km, 10km, MD4.4, Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SANTIAGO NIITE, PUERTO ANGEL, AROYO ZACATE, etc.

IDC 17 18:45:29.7:1.6, 38:53N:70:59E, h0km, mb3.7/6, mbmp3.6/11, M.L3.0/5, Error ellipse: s-maj=29.9km s-min=14.4km az=150.0

NNC 17 18:45:34.1:4.3, 38:78N:70:29E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=44.6km s-min=20.4km az=164.0

NEIC 17 18:45:34.2:2.7, 38:80N:0:05:70:27E:0.05, h25km, 7km, mb4.3/5, Error ellipse: s-maj=7.9km s-min=5.2km az=147.0

SOME 17 18:45:36.4:39:62N:71:45E, h0km, 18:45:32.5:0.7, 38:58N:0:06:70:26E:0.05, h10km, n53, c157/56, mb3.6/6, 6C-2D, Afghanistan-Tajikistan border region

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

2017 SEP

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

TUL 17 18:53:00.7:0.4, 35:79N:0:01:96:98W:0:02, h6km, 6km, M.L3.5, mb, Lg3.0/107(NEIC), M.L3.3/34(NEIC), Error ellipse: s-maj=2.2km s-min=1.6km az=135.0

NEIC 17 18:53:01.1:0.5, 35:78N:0:01:96:98W:0:02, h5km, 1km, Error ellipse: s-maj=3.6km s-min=2.9km az=111.0

ISC 17 18:53:00.8:1.0, 35:80N:0:02:97:01W:0:02, h9km, 8km, n111, c095/770, Oklahoma

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like S. Brethren Rd, Luther M Schoo, Mehan, etc.

17d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like U40A, FW13, S39A, etc.

IDC 17 19:07:29.4:0.4, 13:66N:144:77E, h16km, 5km, mb3.6/10, mbmp4.0/11, Error ellipse: s-maj=21.6km s-min=14.0km az=86.0

NEIC 17 19:07:29.9:1.4, 13:68N:0:1:144:5E:0.1, h15km, 7km, mb4.5/24, Error ellipse: s-maj=19.2km s-min=13.5km az=130.0

ISC 17 19:07:29.4:0.8, 13:59N:0:09:144:6E:0.1, h117km, 7km, n48, c1906/45, mb4.3/21, Mariana Islands

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

17d 19h

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

DJA 17 19:13:22.9, 0.8, 3.1N: 10.2 12.8E: h221km, 9km, Mb3.8/13, mb3.8/5, mB4.6/1, MLV3.8/13, Mw(mB)3.8/1

ISC 17 19:13:22.6, 2.0, 2.73N: 126.72E, h235km, 19km, mb3.4/8, mbmp3.9/9, Error ellipse: s-maj=31.2km s-min=13.3km

ISC 17 19:13:23.8, 0.7, 2.60N: 0.09, 128.53E: 0.10, h250km, n25, a1575/27, mb3.6/8, Halmahera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

ISC 17 19:18:56.2, 1.5, 43.82N: 105.53W, h0km, mbmp3.4/2, az=149.0

NEIC 17 19:18:56.2, 1.8, 43.62N: 0.05, 105.20W: 0.06, h0km, 1km, ML3.1/48, Error ellipse: s-maj=11.6km s-min=5.8km

ISC 17 19:18:55.1, 1.4, 43.66N: 0.06, 105.13W: 0.06, h0km, n37, a126/36, Wyoming

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

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Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

NAO 17 19:24:14.0, 2.0, 74.02N: 11.72E, ML2.9

BER 17 19:24:15.2, 2.8, 74.04N: 11.44E, h4km, 19km, ML2.0, ML2.9(NAO), Confirmed Earthquake

IEPN 17 19:24:16.0, 74.17N: 12.28E, h10km

KOLA 17 19:24:19.1, 73.72N: 12.13E, h0km, ML2.4, Error ellipse: s-maj=31.8km s-min=19.4km az=150.0, Norwegian Sea

ISC 17 19:24:12.0, 1.0, 74.04N: 0.04, 11.81E: 0.07, h10km, n55, a2545/95, 12, Norwegian Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

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Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

IDC 17 19:24:53.5, 7.0, 20.39S: 178.91W, h610km, 4.4km, mb2.9/2, mbmp3.8/3, Error ellipse: s-maj=185.7km

s-min=37.7km az=55.0, Fiji Islands region

IDC 17 19:24:53.5, 7.0, 20.39S: 178.91W, h610km, 4.4km, mb2.9/2, mbmp3.8/3, Error ellipse: s-maj=185.7km

s-min=37.7km az=55.0, Fiji Islands region

IDC 17 19:25:13.4, 3.2, 7.48S: 120.51E, h234km, 28km, mb3.0/2, mbmp3.5/5, Error ellipse: s-maj=167.2km

s-min=13.5km az=55.0, Flores Sea

IDC 17 19:33:09.1, 2.7, 31.66S: 70.06W, h87km, 22km, mb3.9/3, mbmp4.0/8, Error ellipse: s-maj=36.5km s-min=19.7km

SJA 17 19:33:11.6, 0.9, 31.71S: 70.15W, h112km, 5km, ML4.1, MW4.0

GUC 17 19:33:11.6, 0.9, 31.74S: 70.46W, h135km, 4km, ML4.3

NEIC 17 19:33:11.4, 1.3, 31.74S: 0.05, 70.24W: 0.10, h122km, 6km, mb3.9/7, ML4.3(GUC), Error ellipse: s-maj=11.8km s-min=7.3km az=91.0

VAO 17 19:33:17.4, 4.6, 31.49S: 69.80W, h140km, 23km, mb4.0

ISC 17 19:33:10.9, 6.3, 31.72S: 0.03, 70.22W: 0.04, h120km, 6km, n110, a1214/13, mb4.0/4, 6C-16D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data.

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, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.



Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like YULB, NACB, SSSL, ARVC, TPUB, KMRJ, MURC, etc.

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like X16A, P19K, 319A, BELA, N17K, CNPM, etc.

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KLU, SCM, SCM, CRQE, PNL, K20K, etc.

17d 20h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MENT, DLMT, TPAW, MSO, O20A, O30N, L26K, L26K, H19K, BVCV, G18K, DLBC, IMW, K24K, H20K, HEH, SEY, NEA2, NEA2, WHY, N30M, I21K, MLY, MLY, F17K, L27K, L27K, ODSA, FLWY, BW06, PDAR, HDA, R33M, G19K, CCB, P33M, H21K, H21K, BOZ, BOZ, N31M, N31M, SCRK, SCRK, M29M, I23K, I23K, SDCO, COLA, COLA, LL02, LL02, DRIO, IL31, ILAR, E17K, J25K, J25K, POKR, POKR, H22K, F19K, K27M, K27M, T25A, J26L, M30M, M30M, H23K, HNS, HNS, G21K, L29M, E18K, HBVL, RWWY, D17K, Q24A, F20K, ISCO.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like H24K, POST, M31M, LYN, LYN, PRP, PRP, E19K, RLMT, DAWY, DAWY, JCT, N23A, N23A, HNDO, FARO, SN01, G22K, F21K, G23K, I26K, K29M, K29M, AMTX, AMTX, G24K, F22K, COLD, PLCA, GSI, GSI, I27K, E20K, D19K, G25K, APMT, ABTX, ABTX, I28M, I28M, MMPY, ELIB, EGMT, J30M, J30M, TGNT, D20K, E22K, E21K, F24K, C19K, I29M, H27K, KSCO, E23K, G26K, I30M, I30M, E24K, TROLL, G27K, D22K, C21K, SNA, SNA, SNA, H29M, H29M, TOLK, F23K, D26K, XAN, XAN, FW03, B20K, WMOK, WMOK, EPYI, ELIS, LAO, D24K, H31M, G29M.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like VNA1, RSSD, RSSD, F28M, F28M, C23K, E27K, G30M, G30M, HHC, HHC, HHC, HNVL, F30M, E28M, C27K, C26K, E29M, WRGL, KMI, KMI, D27M, F31M, BTO, BTO, BTO, BTO, BTO, BTO, CRAI, OK03, OK05, D28M, DGMT, INK, INK, X37A, CMAR, TUL3, CHTO, PZH, PZH, PZH, KSU1, MIAR, YKA, LZH, LZH, ESPN, MDND, ECSD, S39A, R40A, SONM, CCM, A36M, AGMN, AGMN, SPMN, GTA, GTA, JFWF, ZALV, MKAR, MKAR, MKAR, KURBB, KURBB, AAK, BVAR, SPITS, ARU, ARCS, GEYT, GEYT, FINES, NB2, NOA, HFS, KBZ, AKAS, EKA, BSEB.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Belsk, SORM, GORTI, PURCH, RETH, KWP, NRDL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WATA, MOTA, WTTA, SQTA, DAVA, MYKA, ABTA, FETA, BOVS, LJU, BOJS, POLO, PVRL, MVO, PVIS, PCAS, PCAS, MTE, PMBER, PMBER, PMRV, PESTR, ESCD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like ZALV, ILAR, KURBS, AAK, QSPA, MAW, ARU, GERES, TORD, BDBF, etc.





Table with columns for station ID, name, coordinates, and status. Includes entries like BO01 Tunca, BO02 Sierra Bellavi, MCR1 Marechal Candi, etc.

Table with columns for station ID, name, coordinates, and status. Includes entries like MATP Matopo, LSZ Lusaka, SIV San Ignacio, etc.

Table with columns for station ID, name, coordinates, and status. Includes entries like RPS1 Rantau Prapat, GSI Gunungstimo, NIL Niore, etc.

17d 21h

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MLR, KMBO, BURAR, FIA1, FIA1, FINES, ARCES, ARCES, HFS, GERES, NB2, NOA, CLL, NC204, KIWB, IMAHO, EKA, EUNU, TOLK, H21K, MLY, ILAR, BOSA, TORO, TXAR, BDFB, ROSC, CPUP.

NEIC 17 21:49:42.71.6, 4.7, 43N, 0.02:121.76W, 0.04, h22km, 1km, Error ellipse: s-maj=3.8km s-min=3.3km az=67.0 SEA 17 21:49:43.1+1.6, 4.7, 44N, 0.02:121.73W, 0.04, h22km, 5km, ML2.5/31, ML2.3/20(NEIC), Error ellipse: s-maj=3.6km s-min=2.8km az=79.0, Washington

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CDMR, RATT, GSM, PNLK, TTT, C05A, ALCT, D05A, D05A, D05A, KNEL, HTW, EARN, SP2, TKCO, FINN, NIHS, MBPA, VVHS, EVGW, FMW, RVC, OBSR, G04W, LYNL, B941, RCS, REMR, PCFR, LON, LON, LON, WRW, KIMR, GMW, LTY, LTY, GNW, GNW, GNW, JCW, GPW, TBM, SLFW, C04A, HDW, NAC, EBG, ETW, CMW, B05A, SQM, SMM, NLW, B201, CBSW.

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Table with columns: ERK, WTV, B202, STD, B0LM, ASR, SWF2, FL2, JK03, B203, CDWF, B04A, MBW, OSD, BVV, G04W, OLO, SHUK, MTMW, NLWA, NLWA, B023, WJAH, B011, SNWA, L0CW, GBL, HAWA, HAWA, D08A, D08A, F10A, SPLB.

IDC 17 21:54:07.9, 0.6, 55:30S, 27.95W, h0km, mb4.5/9, mbmp4.5/10, ML4.9/1, MS3.9/27, Error ellipse: s-maj=23.4km s-min=17.5km az=56.0 NEIC 17 21:54:10.8, 1.8, 55:37S, 0.05:28.3W, 0.2, h10km, 1km, mb4.7/45, Error ellipse: s-maj=16.1km s-min=7.7km az=68.0

ISC 17 21:54:12.0, 0.4, 55:34S, 0.08:28.23W, 0.07, h26km, n112, 0.093/86, mb4.7/27, MS1.0/25, 3C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HOPE, HOPE, VN3, EFI, SNA, SNA, SNA, SNA, PMSA, PMSA, PMSA, PMSA, TROLL, SMAI, BELA, MG02, TRQA, PLCA, RODS, UNIS, MECA, QSPA, BO02, CPUP, CPUP, CPUP, G005, MT09, MT09, CFA, MT02, MA02, CO02, CO03, CO04, CO01, AC02, AC02, MAW, MAW, MAW, BDFB, GO02, GO02, BBRB, LVC, LVC, SALV, PB09, BBSD, PB02, PB01, PTLB, PTLB, BOSA, BOSA, BOSA, PB08, PB08, GO01, VNSA.

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Table with columns: H10S2, H10S2, PB16, H04S2, H04S3, H04S1, H10N1, H10N3, H10N2, CLDB, LPAZ, LPAZ, LPAZ, LPAZ, TSUM, SAML, SAML, SAML, ETMB, ETMB, ETMB, NNA, LSZ, ATAH, BOAV, BOAV, BOAV, MDP, MCR, OPO, COHC, OTAV, OTAV, ROSE, ROSE, ROSE, MBAR, KOWA, TOA0, TOA0, TOA0, TORO, TORO, TORO, SDV, SDV, SDV, KMBO, SJG, TAM, MTO3, MTO3, ATD, MDT, KEST, ASAR, WRA, NVAR, FINES, CMAR, ARCES, BVAR, MKAR, KURBB, KURBB, ZALV, NRIK, ILAR, SONM.

IDC 17 21:56:26.1+2.6, 4.1:50N, 143.15E, h0km, mb3.4/3, mbmp3.2/5, ML2.4/2, Error ellipse: s-maj=69.2km s-min=24.1km az=87.0 JMA 17 21:56:28.4, 0.2, 41.1N, 143.4E, 0.9, h48km, 3km, MV3.0/28, SE OFF ERIMOMISAKI

ISC 17 21:56:27.4, 2.1, 41.45N, 105:05:143.43E, 0.07, h20km, 8km, n26, 0.110/24, mb3.5/3, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JEM, JEM, JTHR, JTHR, JNBK, JCH, JOB, JB2, JAR, JAR, JOT, JOT, JAK, JAK, JAK, ASAJ, ASAJ, MJAR.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H11N2, H11N1, H11N3, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DSP, LHV, PAHR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MOTA, SOTA, RETA, etc.

IDC 17 22:16:12.1, 0.2, 1.21, 98S, 169.12E, h0km, mb4.4/13, ...

WCT Wildcat Mount 91.09 51 P Iamb Iamb ...

NOU 17 22:20:24.3, 20.72S, 169.78E, h120km, MLV4.1/1.1, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MARNC, LIFNC, etc.

ISC 17 22:16:17.0, 0.4, 21.87S, 0.06, 169.07E, 0.05, h31km, n168, ...

J08A J08A 92.81 44 P Iamb Iamb ...

TAP 17 22:21:38.2, 24.65N, 122.46E, h101km, ML2.8, D, JMA ...

ISC 17 22:21:38.8, 1.5, 24.63N, 0.05, 122.50E, 0.03, h95km, 8km, n56, ...

Islands

Large table listing island stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MARNC, LIFNC, etc.

LCMT Little Creek M 93.63 52 P P ...

Large table listing island stations with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like U15A, BVAR, etc.

n56, 059S/107, Taiwan region

Large table listing island stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like E0S2, E0S3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like NSST, OWD, WUSB, etc.

RSNC 17 22:22:25.0, 1.6, 3.62N, 77.31W, h64km, 8km, ML3.4, Mw3.9, Fault plane solution: NP1; phi=135.00000, delta=73.00000, lambda=138.00000, IDC 17 22:22:23.4, 6.7, 0.2, 4.7N, 75.41W, h117km, 49km, mb3.3/3, mbtmp3.7/4, MS3.4/1, Error ellipse: s-maj=69.1km s-min=29.2km az=12.0

ISC 17 22:22:23.9, 1.0, 3.60N, 0.03, 77.35W, 0.103, h60km, 10km, n45, v15783, mb3.5/3, 8C-13D, Near west coast of Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MALC, JAMC, GR1C, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like TULM, BONI, HELC, etc.

NEIC 17 22:22:44.1, 1.1, 0.30, 28S, 0.02, 178.0W, 0.1, h44km, 9km, mb5.0/30, Error ellipse: s-maj=16.6km s-min=2.3km az=90.0

IDC 17 22:22:45.3, 0.6, 30.16S, 177.98W, h60km, 5km, mb4.2/12, mbtmp4.5/15, MS3.9/33, Error ellipse: s-maj=13.5km s-min=6.7km az=95.0

GCMT 17 22:22:47.1, 0.4, 30.25S, 0.03, 177.89W, 0.03, h48km, 3km, MW5.0/66, Moment Tensor Solution, s25.c27, s66.c79, Duration: 0, Moment tensor: Scale 10^16Nm, M0: 0.75, 23; Mw: 1.82, 19; Mw-1.07, 16; Mw: 0.56, 18; Mw: 2.05, 12; Mw-1.64, 14; Best double couple: M3.42300x10^16

NP1: phi=19.00000, delta=72.00000, lambda=153.00000, NP2: phi=280.00000, delta=64.00000, lambda=20.00000, Principal axes: T 3.2940, P1g5.0000, Azm150.0000, P -3.5520, P1g31.0000, P1g52.0000, nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 22:22:43.5, 0.4, 30.239S, 0.05, 178.00W, 0.07, h41km, 3km, h42km, PP-P1n160, e2s01151, mb4.9/24, MS4.0/30, 3C, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like GLKZ, RAO, RAO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like OXZ, RPZ, RPZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

JMA 17 22:39:53.5, 0.1, 23.55N, 0.7, 12.2E, h32km, 2km, MW4.3/17, TAIWAN REGION, NIED 17 22:39:53.5, 23.52N, 121.59E, h32km, MW4.2, Moment Tensor Solution, s2, Moment Tensor: Scale 10^19Nm, Mr:1.03, Mw:1.52, Ms:0.48, Mb:0.44, Mw:1.20, Mw:1.30, Fault plane solution: M0:2.25000x10^15, NP1:29.00000, 863.00000, 38.00000, NP2:280.00000, 857.00000, 1.147 00000, NEIC 17 22:39:53.8, 2.0, 23.55N, 0.03, 121.59E, 0.04, h22km, 2km, M4.6/75, Mw4.2/24, Error ellipse: s-maj=5.7km, s-min=3.6km, az=119.0, Moment Tensor Solution, Moment Tensor: Scale 10^19Nm, Mr:0.83, Mw:1.16, Ms:0.90, Mb:0.90, Mw:1.26, Fault plane solution: M0:2.83000x10^15, NP1:20.24000, 886.31000, 1.61.79000, NP2:298.08000, 828.43000, -1.172.23000, Principal axes: T 2.8016, P1g35.0000, Azm267.0000, N 0.0584, P1g28.0000, Azm19.0000, P -2.8600, P1g42.0000, Azm138.0000, BUJ 17 22:39:53.9, 0.0, 23.56N, 1.21, 63E, h27km, mb4.2/25, mb4.5/12, ML4.3/5, Ms4.2/22, Ms7.4/0/21, TAP 17 22:39:54.3, 23.57N, 121.56E, h29km, ML4.8, B, NEIC 17 22:39:54.0, 2.1, 23.58N, 121.56E, h23km, ASIEN 17 22:39:54.3, 23.57N, 121.56E, h29km, ML4.8, Mw4.4, Moment Tensor Solution, Moment Tensor: Scale 10^22Nm, Mr:0.12, Mw:1.18, Ms:1.29, Mw:1.37, Mw:0.98, Mw:0.89, Fault plane solution: M0:4.59232x10^22, NP1: 0.205.23000, 889.29000, 1.69.95000, NP2: 2.297.17000, 820.06000, 1.177.94000, Principal axes: T P1g40.9570, Azm276.5130, N P1g20.0460, Azm24.9770, P P1g42.2930, Azm134.3640, IDC 17 22:39:56.8, 3.3, 23.64N, 121.83E, h58km, 31km, mb3.8/20, mbmp4.1/21, ML3.8/1, MS3.5/12, Error ellipse: s-maj=19.6km, s-min=11.9km, az=61.0, ISC 17 22:39:54.0, 2.6, 23.55N, 0.02, 121.61E, 0.02, h31km, 3km, h336, 1524/432, mb4.6/61, MS3.8/1, 15.6C-38D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

17d 22h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ELDTW Lidau, ETLH Xiulin Townshi, WHF Hehuan Shan, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SNST Tainan City, SNST Suao, WTK Tuku, etc.

1276

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WSSB Gushan, LYUB Lan-yu, NHW Xinwu Township, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like LYN, KSRs, XAN, KMI, BTO, LZH, CHTO, CM31, CMAR, USRk, TOLiZ, MPSI, GUMU, KSM, GOMU, KLR, ULN, SHL, SONM, KAPI, SOEI, BATI, MK31, MKAR, MAZK, KNRA, ZALV, KSH, NRN, H1N1, H1N2, H1N3, H1S1, H1S2, H1S3, H1S4, H1S5, H1S6, H1S7, H1S8, H1S9, H1S10, H1S11, H1S12, H1S13, H1S14, H1S15, H1S16, H1S17, H1S18, H1S19, H1S20, H1S21, H1S22, H1S23, H1S24, H1S25, H1S26, H1S27, H1S28, H1S29, H1S30, H1S31, H1S32, H1S33, H1S34, H1S35, H1S36, H1S37, H1S38, H1S39, H1S40, H1S41, H1S42, H1S43, H1S44, H1S45, H1S46, H1S47, H1S48, H1S49, H1S50, H1S51, H1S52, H1S53, H1S54, H1S55, H1S56, H1S57, H1S58, H1S59, H1S60, H1S61, H1S62, H1S63, H1S64, H1S65, H1S66, H1S67, H1S68, H1S69, H1S70, H1S71, H1S72, H1S73, H1S74, H1S75, H1S76, H1S77, H1S78, H1S79, H1S80, H1S81, H1S82, H1S83, H1S84, H1S85, H1S86, H1S87, H1S88, H1S89, H1S90, H1S91, H1S92, H1S93, H1S94, H1S95, H1S96, H1S97, H1S98, H1S99, H1S100.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like KK31, KKAR, KKAR, KKAR, CHGR, KBL, KBL, BVAR, BVAR, ASAR, ASAR, ASAR, BRVK, MORW, ABKAR, ABKAR, ABKAR, FORT, FORT, GEYT, GEYT, BBOO, STKA, STKA, TOO, TTA, KBZ, IMAR, J20K, J20K, K20K, K20K, H21K, H21K, CAST, CAST, TALK, TALK, BPH, BPH, KTH, KTH, H23K, H23K, SUA, SUA, NEA2, NEA2, MDM, ILAR, BMAR, SCM, SCM, I26K, I26K, K27K, K27K, FINES, FINES, L27K, L27K, BCAR, I28M, G29M, G29M, H29M, H29M, CTGM, AKASO, INK, INK, I30M, I30M, NACGM, BR131, BRTR, BRTR, F31M, F31M, CSS, CSS, C36M, BUPAR, MLR, MLR, ELL, HFS, HFS, NC405, NC405, NB2, NOA, NOA, NOA, NC204, NC204, NIUE, ARG, RDO, QJC, QJC, VYHS, VYHS, CLL, GEC2, GEC2, GERES, GERES, GERES, GERES, KMB0, KMB0, KMB0.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like SFJD, MBAR, PPT, IDC 17 22:49:58.8, BJI 17 23:12:18.3, IDC 17 23:12:19.0, GCMT 17 23:12:19.4, NEIC 17 23:12:20.4, ISC 17 23:12:19.9, Starbuck Sea, Code Station Name, Phase ID, Time Res, ISC. Includes various station names and their corresponding parameters.

17d 23h

Table with columns for station name, coordinates, and various data points. Includes stations like ASAR, INKA, ARMA, etc.

2017 SEP

Table with columns for station name, coordinates, and various data points. Includes stations like INCN, SDSA, WHN, etc.

1278

Table with columns for station name, coordinates, and various data points. Includes stations like JIRN, GUN, AKUT, etc.





17d 23h

2017 SEP

1280

Table with columns: Station Name, Frequency, Class, Mode, Power, SNR, and other metrics. Includes stations like DAWY Dawson, DAWY Dawson, G27K Doyon Strip, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, SNR, and other metrics. Includes stations like YBH Yreka Blue Hor, L04D AFDM Forest Hills D, WRGLY Wrigley, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, SNR, and other metrics. Includes stations like TXAR comp=Z,0.7nm,0.8s, PKIKP, TXAR comp=Z,0.4nm,0.8s, PKIKP, ULM Lac du Bonnet, etc.



18d Oh

Table of astronomical observations for 18d Oh, listing station names, codes, and various parameters like elevation and azimuth.

2017 SEP

Main table of astronomical observations for 2017 SEP, including station names, codes, and observation details.

1282

Table of astronomical observations for 1282, listing station names, codes, and observation parameters.



18D 0h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC. Includes stations like Esanatoglia, Campello sul C, Fossato di Vico, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC. Includes stations like Chacalluta, IPOC Station P, Lima Verde, etc.

1284

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



18d 1h

Table with columns: Code, Station Name, Az, El, Res, Time, Res, Code, Station Name, Az, El, Res, Time, Res. Includes stations like ESDC Sonseca Array, MAW Mawson, PZH PanZhiHua.

MOS 11:01:23.30.4+1.0, 53.09N; 159.72E, h79km, mb4.6/18, Error ellipse: s-maj=8.3km s-min=4.0km az=75.1

MOS Felt (I) at Petropavlovsk-Kamchatskiy. KRSC 18:01:23.30.8+0.6, 53.15N; 159.70E, h76km, mb3.5, M4.9

IDC 18:01:23.31.8+0.6, 53.39N; 159.36E, h80km, mb3.8/25, mbtmp4.1/28, M3.0/1.1, Error ellipse: s-maj=14.3km s-min=8.2km az=157.0

NEIC 18:01:23.32.8+1.6, 53.4N; 01.159.3E; 0.1, h86km, 7km, mb4.5/134, Error ellipse: s-maj=19.8km s-min=10.7km az=160.0

ISC 18:01:23.30.9+0.4, 53.20N; 0.003; 159.67E; 0.03, h74km, 3km, h174km; p-P, N343, c19174/375, mb4.5/106, 7C-9D, Near east coast of Kamchatka Peninsula

Main table for 18d 1h data, listing station codes (e.g., NALYTCHEVO, SHIPUNSKI, SEDLOVINA), station names, and various parameters like Az, El, Res, Time, Res.

2017 SEP

Main table for 2017 SEP data, listing station codes (e.g., BDR Baidarnaya, KBTR Krutoberegovo, SMKR Semkarok), station names, and various parameters like Az, El, Res, Time, Res.

1286

Main table for 1286 data, listing station codes (e.g., L27K Beaver Creek, BCAR Beaver Creek A, M27K Edge Creek, AK), station names, and various parameters like Az, El, Res, Time, Res.









18d 4h

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

WEL 18 03:43:17.0-0.4, 41'S-4°17'22"E, h5km, M2.5/3, ML2.7/9, MLv2.5/3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.7, confirmed, South Island

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

IDC 18 04:26:42.4-1.3, 36°64'N-26°89'E, h131km, m3.6/4, mbmp4.0/7, Error ellipse: s-maj=34.7km s-min=14.1km az=154.0

ISK 18 04:26:43.5, 36°68'N-26°88'E, h137km, ML2.8/1.9

ATH 18 04:26:43.3, 36°71'N-26°88'E, h141km, m3.5km, ML3.4/1.1

THE 18 04:26:45.8, 36°58'N-26°85'E, h115km, m3.3km, ML3.3/3, Error ellipse: s-maj=3.0km s-min=1.0km az=72.0

GII 18 04:26:45.0, 36°33'N-27°05'E, h40km, Mm3.1/4

DDA 18 04:26:45.0, 36°75'N-27°11'E, h119km, m6km, ML2.7

ISC 18 04:26:43.2, 0.8, 36°63'N-0°04'26.97'E, 0.05, h141km, m6km, n88, c1515/112, mb4.0/4, Dodecanese Islands

Main table for the left column with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOSK, KLNA, RFTD, etc.

2017 SEP

Table with columns: IDI, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like comp=N,379um,0.2s, AML, AML, etc.

IDC 18 04:49:09.0-1.2, 42°63'N-111°37'W, h0km, mbmp3.4/3, ML2.7/3, Error ellipse: s-maj=22.1km s-min=8.1km az=158.0

UUSS 18 04:49:09.7-0.7, 42°61'N-111°46'W, 0.01, h4km, 1km, Error ellipse: s-maj=1.5km s-min=1.2km az=81.0

NEIC 18 04:49:09.3-0.6, 42°60'N-111°46'W, 0.01, h4km, ML3.5/1.0, Mw3.6/2.2, ML3.6/1.5(UUSS), Error ellipse: s-maj=1.4km s-min=1.3km az=66.0, Moment Tensor Solution... Moment tensor: Scale 10^14Nm; Mw=0.46; Mww=3.09; Mw3.5/4; Mw=1.11; Mw1.10; Mw=0.03; Fault plane solution: M3.69000x10^14 Np1.352.630000, s78.950000, l-15.720000, NP2.35145.720000, s74.580000, l-168.530000. Principal axes: T 3.7328, Plg3.00000, Azm10.00000, N -0.0952, Plg71.00000, Azm198.00000; P -3.6376, Plg19.00000, Azm9.00000;

NEIC 18 04:49:09.7, 42°61'N-111°46'W, h4km

ANF 18 04:49:10.6, 0.3, 42°66'N-111°42'W, h0km, ML3.8/1.2, Error ellipse: s-maj=3.6km s-min=3.5km az=53.0

ISC 18 04:49:09.3-0.8, 42°60'N-111°45'W, 0.02, h7km, m5km, n114, s173/134, Eastern Idaho

Main table for the middle column with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDI, ID06, ID05, etc.

Main table for the right column with columns: BW06, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 497nm,0.9s, IAML, Boulder Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SMCO Snowmass, BMN Battle Mountain, SZCU Shurtz Canyon, etc.

JSN 18 04:56:32.6:0.3, 17:52N:78:01'W, h47km, 4km, MD4.1, SSNC 18 04:56:32.5:1.5, 17:50N:78:08'W, h65km, 13km, MD4.2, ML3.7, MW3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTJD Mount Denham, MTJD Mount Denham, MTJD Mount Denham, etc.

IDC 18 05:00:51.3:2.5, 55:31N:82:87'E, h0km, mbmp3.0/2, ML2.3/2, Error ellipse: s-maj=28.4km s-min=12.0km az=24.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 18 05:04:46.4:2.2, 17:33S:178:83'W, h618km, 21km, mb2.9/6, mbmp3.8/7, Error ellipse: s-maj=112.7km s-min=18.6km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSVF Nonnavu, WRA Warramunga Arr, ASAR Alice Springs, etc.

0.3nm, 0.7s, baz=210, slow=5.2, SNR=4.8  
0.3nm, 0.7s  
PDAR Pinedale Array 87.06 44 P P 05 16 28.4 -0.5  
0.3nm, 0.6s, baz=224, slow=5.0, SNR=3.8  
0.3nm, 0.6s

NEIC 18 05:14:49.6:1.7, 17:32N:0:04:94:99W, 0:03, h11km, 6km, mb4.0/6, Md4.2/56(MEX), Error ellipse: s-maj=5.8km s-min=4.6km az=171.0  
MEX 18 05:14:51.1:0.7, 17:44N:94:83'W, h12km, 8km, MD4.2  
ISC 18 05:14:48.4:1.3, 17:37N:0:03:95:01W, 0:02, h5km, 10km, n51.1, r146/90, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NEUV Arroyo Zacate, TUIG Tuzandepelti, NILT Santiago Niltle, PMUV Sontecomapan, etc.

LOOK Love County 16.66 354 Iamb Iamb 05 18 43.4 +0.6  
comp=Z,10nm,0.5s  
X3TA Clayton 17.15 359 Iamb Iamb 05 18 42.2 +0.3  
X37A  
comp=Z,17nm,1.4s  
MIAR Mount Ida 17.15 4 Pn Pn 05 18 49.0 +0.1  
X34A Smith Ranch, M 17.14 352 P Pn 05 18 52.3 +1.0  
W35A Tecumseh 17.79 355 P P 05 18 59.0 +1.3  
W35A Iamb Iamb 05 19 14.0

IDC 18 05:28:00.9:0.4, 18:58S:12:80'W, h0km, mb4.9/30, mbmp4.9/30, MS4.9/69, Error ellipse: s-maj=15.4km s-min=10.7km az=134.0  
MOS 18 05:28:01.3:0.9, 18:49S:12:85'W, h10km, mb5.8/93, MS5.0/17, Error ellipse: s-maj=8.3km s-min=4.2km az=69.1  
NEIC 18 05:28:03.0:1.3, 18:55S:0:08:12:70W, 0:09, h10km, 1km, ms6.2/47, Ms\_20.5, 1/403, Mwv5.5/15, Error ellipse: s-maj=14.3km s-min=13.6km az=179.0  
NEIC 18 05:28:03.2:18:72S:12:95'W, h12km, Moment Tensor Solution: Duration: 3.4 Moment tensor: Scale 1017Nm; Mr=1.38; Ms=0.25; Mw=1.14; Ml=0.13; Ml=0.31; Ml=1.86; Fault plane solution: M0:2.7000x10^17 NP1: phi=359.40000; 672.86000; lambda=81.62000; NP2: phi=152.85000; 819.02000; lambda=115.29000. Principal axes: T 2.1499, Plg27.0000, Azm83.0000; N 0.2497, Plg8.0000, Azm177.0000; P -2.3996, Plg61.0000, Azm282.0000

NEIC 18 05:28:03.2:18:52S:12:74'W, h12km GCMT 18 05:28:06.0:0.1, 18:52S:0:01:12:67W, 0:01, h12km, MW5:4/147, Moment Tensor Solution: s112.c166, s147.c306; Duration: 153 Moment tensor: Scale 1017 Nm; Mr=1.83; Ms=0.40; Mw=1.43; Ml=0.26; Best double: M0:23.0; Ml=0.69; 0.2; Mw=0.26; 0.6; Best double: M0:1.83700x10^17 NP1: phi=331.00000; 850.00000; lambda=93.00000; NP2: phi=156.00000; 840.00000; lambda=86.00000. Principal axes: T 1.8100, Plg5.0000; N 0.0520, Plg3.0000; Azm333.0000; P -1.8650, Plg84.0000; Azm218.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 18 05:28:11.2:17:78S:11:11'W, h33km, mb5.6, MS5.0, ISC 18 05:28:03.3:0.5, 18:33S:0:05:12:70W, 0:05, h12km, 2km, h14km, P-P, n1400, r128/1319, mb5.6/295, MS5.0/295, 51C-57D, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SHEL Horse Pasture, SHEL Horse Pasture, SHEL Horse Pasture, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, ASCN Ascension, H10N1 ASCENSION HYDR, etc.

comp=Z,302nm,1.4s  
H10S2 ASCENSION HYDR 9.69 349 T T 05 40 13.6  
baz=168,slow=74,SNR=121  
H10S3 ASCENSION HYDR 9.70 349 T T 05 40 16.0  
baz=52,slow=74,SNR=286  
ASCN Ascension 10.65 351 Pn Pn 05 30 37.0 +1.2  
H10N1 ASCENSION HYDR 10.75 351 T T 05 41 43.4  
baz=172,slow=26,SNR=9.1  
H10N3 ASCENSION HYDR 10.77 351 T T 05 41 41.1  
comp=Z,slow=26,SNR=15  
H10N2 ASCENSION HYDR 10.77 351 T T 05 41 43.4  
baz=172,slow=26,SNR=9.5  
H09N1 TRISTAN DA CUN 18.47 179 T T 05 51 14.6  
S=1

TRIS Tristan da Cun 18.47 179 P P 05 52 18.0 -1.0  
H09W1 TRISTAN DA CUN 18.50 179 T T 05 51 16.8  
SNR=6.9  
LIC Lamto 25.75 181 ePKP2 P 05 33 35.8 +1.8  
comp=Z,90nm,0.9s  
RCBR Riachuelo 25.86 296 IAMS\_20 IAMS\_20 05 40 42.4  
comp=Z,4um,22.0s  
RCBR Riachuelo 25.86 296 P pmax Pmax 05 33 35.3 +0.2  
RCBR Riachuelo 25.86 296 LR LR 05 41 04.0  
KIC Kosan Boka 25.97 181 ePKP2 P 05 33 35.9 -0.1  
comp=Z,129nm,0.9s  
RIB01 Linhares Es 26.14 264 eP P 05 33 39.4 +1.8  
TIC Toumoudi 26.16 181 ePKP2 P 05 33 37.5 -0.2  
DBIC Dimbokro 26.23 18 P P 05 33 36.5 -1.8  
DBIC Dimbokro 26.23 18 P P 05 33 36.5 -1.8  
ALF01 Guarapari-ES 26.42 261 eP P 05 33 41.3 +1.2  
SJM6 Sao Joao De Ma 26.93 265 eP P 05 33 43.9 -0.8  
DUB01 Friaburgo-RJ 27.97 258 eP P 05 33 55.4 +1.3  
WIN Windhoek 28.22 103 P P 05 35 34.3 -2.2  
WIN Windhoek 28.22 103 P Iamb Iamb 05 34 03.3  
WIN Windhoek 28.22 103 P Pmax Pmax 05 35 34.3 -2.2  
WIN Windhoek 28.22 103 P Pmax Pmax 05 35 34.3 -2.2  
comp=Z,141nm,1.4s  
TSUM Tsumeb 28.71 96 P P 05 33 58.5 -2.3  
TSUM Tsumeb 28.71 96 IAMS\_20 IAMS\_20 05 43 09.4  
comp=Z,4um,20.0s  
TSUM Tsumeb 28.71 96 LR LR 05 43 09.6  
comp=Z,5um,21.9s, baz=268, slow=32  
ESAR Andara dos Reis 29.92 256 eP P 05 34 12.7 +1.3  
BSCB Bom Sucesso 30.20 260 eP P 05 34 13.5 -0.5  
JANB Januaria 30.38 272 eP P 05 34 15.7 +0.1  
PARB Paraiibuna 31.02 255 eP P 05 34 22.1 +0.9  
SDA SAO DESIDERIO 31.54 276 eP P 05 34 25.5 -0.3  
PMB Picos das Minas 31.90 263 eP P 05 34 29.1 +0.1  
VALB Valinhos 32.24 256 eP P 05 34 32.1 +0.1  
PET01 Itanhaem-SP 32.58 254 eP P 05 34 35.7 +0.9  
RCLB Rio Claro- Sao 32.76 257 eP P 05 34 37.3 +0.9  
MBO M'Bour 32.97 353 IAMS\_20 IAMS\_20 05 45 01.2  
SUR Sutherland 33.15 121 P Iamb Iamb 05 34 39.4 -0.5  
SUR Sutherland 33.15 121 P Iamb Iamb 05 34 42.3  
SUR Sutherland 33.15 121 P LR 05 34 42.0 +2.0  
SUR Sutherland 33.15 121 LR P 05 45 38.6  
comp=Z,126nm,1.4s  
SUR Sutherland 33.15 121 LR P 05 34 44.8 -0.8  
SUR Sutherland 33.15 121 LR P 05 34 44.8 -0.8  
IMB Iperari, GO 33.64 265 eP P 05 34 44.5 +0.3  
BB19B Bebedouro 33.70 260 eP P 05 34 44.2 -0.5  
BDFB Brasilia 33.79 269 P P 05 34 45.1 -0.5  
BDFB Brasilia 33.79 269 P P 05 34 45.1 -0.5  
BDFB Brasilia 33.79 269 P pmax Pmax 05 34 45.1 -0.5  
BDFB Brasilia 33.79 269 P P 05 34 44.8 -0.8  
comp=Z,13nm,1.0s, baz=97, slow=7.7, SNR=10  
BDFB 05 37 25.4 +0.5  
comp=Z,2.4nm,0.7s, baz=124, slow=2.2, SNR=3.3  
BDFB LR LR 05 45 57.6  
comp=Z,5um,20.2s, baz=108, slow=32  
ROSB Rosario, 1.0s 34.41 293 eP P 05 34 51.3 +0.5  
TOAO Torodi Air. Sit 34.55 25 P P 05 34 51.9 -0.1  
TOAO Torodi Air. Sit 34.55 25 P P 05 34 52.2 +0.2  
SNR=28  
TORD Torodi Air. Bea 34.55 25 P P 05 34 51.6 -0.4  
IAMS\_20 IAMS\_20 05 45 54.6  
comp=Z,4um,21.0s  
TORD Torodi Air. Bea 34.55 25 P P 05 34 51.6 -0.4  
comp=Z,25nm,0.7s, baz=202, slow=7.7, SNR=102  
TORD 05 37 26.8 -0.1  
comp=Z,2.9nm,0.9s, baz=193, slow=1.3, SNR=6.0  
TORD LR LR 05 46 15.9  
comp=Z,4um,20.7s, baz=201, slow=32  
SACV Santiago Islan 34.96 341 P P 05 34 53.8 -1.7  
ITRB Iturama 35.50 262 eP P 05 35 00.1 -0.1  
LDASE Londrina, Braz 36.07 256 eP P 05 35 05.8 +0.6  
LBTB Lobatse 36.11 107 P P 05 35 03.7 -1.9  
LBTB Lobatse 36.11 107 P Pmax Pmax 05 35 03.7 -1.9  
BOSA Boshof 36.13 113 P Iamb Iamb 05 35 04.2 -1.5  
BOSA Boshof 36.13 113 P Iamb Iamb 05 35 12.1  
comp=Z,120nm,1.5s  
BOSA Boshof 36.13 113 P P 05 35 05.0 -0.7  
comp=Z,10nm,0.8s, baz=274, slow=6.8, SNR=14  
BOSA LR LR 05 47 25.9  
comp=Z,2um,20.3s, baz=278, slow=32  
CNLB Canela 36.29 246 eP P 05 35 08.3 +1.3  
PTGB Pitanga 36.96 253 eP P 05 35 13.8 +1.0  
ITAB Itaboraiti 37.17 249 P P 05 35 15.1 +0.7  
ITAB Itaboraiti 37.17 249 eP P 05 35 15.7 +1.3  
TRCB Terra Rica 37.38 258 eP P 05 35 17.8 +1.4  
TRCB Terra Rica 37.47 258 P P 05 35 16.8 -0.3  
TRCB Terra Rica 37.47 257 eP P 05 35 17.6 +0.5  
SNDB Serra Nova Dou 37.69 274 eP P 05 35 17.0 -1.9  
FRBT Francisco Belt 37.91 251 eP P 05 35 21.2 +0.4  
CRSB Chapadão do Sul 37.92 263 eP P 05 35 21.7 +0.9  
ALTO Alto Alegre (B) 38.11 247 eP P 05 35 23.4 +1.0  
PRPB Parauapebas 38.13 284 eP P 05 35 23.6 +0.9  
TMAB Tamauaua,PA,Br 38.15 291 eP P 05 35 24.8 +1.9  
MCRB Cacapava Do Su 38.67 244 eP P 05 35 28.8 +1.8  
CPMS Marechal Candi 38.75 254 eP P 05 35 29.4 +1.6  
MATP Matopos 38.88 100 LR LR 05 49 03.2  
comp=Z,2um,22.0s, baz=263, slow=32  
CRSM Crissiumal (BR) 38.88 249 eP P 05 35 30.6 +1.7  
PLTB Pedras Altas 39.02 242 eP P 05 35 29.7 -0.3  
PLTB Pedras Altas 39.02 242 eP P 05 35 31.3 +1.3  
LSZ Lusaka 39.26 92 P P 05 35 31.6 -0.7  
LSZ IAMS\_20 IAMS\_20 05 50 05.5  
comp=Z,4um,20.0s  
LSZ Lusaka 39.26 92 P P 05 35 33.4 +1.1  
LSZ Lusaka 39.26 92 P pmax Pmax 05 35 33.6 -0.7  
comp=Z,51nm,1.1s  
LSZ Lusaka 39.26 92 LR LR 05 50 25.8  
comp=Z,3um,18.0s, baz=270, slow=34  
AMBA Amambal (Braz) 39.64 256 eP P 05 35 36.4 +1.1  
UNIS Uniao de Pedra 39.92 247 eP P 05 35 38.5 +0.9  
PP1B Ponte de Pedra 39.99 264 eP P 05 35 38.3 +0.1  
RODS Rosario do Sul 40.17 245 eP P 05 35 41.7 +2.1  
AQDB Aquidauana 40.44 260 P P 05 35 40.8 -1.2  
AQDB Aquidauana 40.44 260 P P 05 35 42.3 +0.3  
ANTJ Antonio Joao ( 40.62 258 eP P 05 35 44.0 +0.6  
SALV Santo Antonio 41.02 257 eP P 05 35 47.7 +0.9  
ITOB Itaqu 41.33 246 P Iamb Iamb 05 35 49.2 +0.1  
ITOB 41.33 246 P Iamb Iamb 05 36 08.9  
comp=Z,131nm,1.4s  
ITOB IAMS\_20 IAMS\_20 05 49 04.2  
comp=Z,3um,22.0s  
ITOB Itaqu 41.33 246 eP P 05 35 50.6 +1.4  
BDQN Bodoquena, MS 41.42 260 eP P 05 35 50.3 +0.3  
PANT Pantanal (Braz) 41.45 262 eP P 05 35 50.7 +0.5  
CPUP Villa Florida 41.76 251 P IAMS\_20 IAMS\_20 05 35 52.5 -0.3  
CPUP 05 50 30.6  
CPUP Villa Florida 41.76 251 P Pmax Pmax 05 35 52.5 -0.3  
CPUP Villa Florida 41.76 251 P Pmax Pmax 05 35 52.5 -0.3  
comp=Z,2.1nm,1.0s  
CPUP Villa Florida 41.76 251 eP P 05 35 53.4 +0.7  
CPUP Villa Florida 41.76 251 P P 05 35 52.4 -0.3  
comp=Z,17nm,0.9s, baz=88, slow=8.2, SNR=27  
CPUP P P 05 37 49.1 +0.1  
comp=Z,4.3nm,1.0s, baz=92, slow=5.3, SNR=3.3  
CPUP LR LR 05 50 11.2  
comp=Z,17nm,0.9s  
CPUP 05 50 11.2

Table with columns for station name, frequency, mode, and other parameters. Includes stations like MUPT Porto Murinho, CLDB Colider, MCBP Macapa, AP, MECAS Mercedes, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like VNA3 Neumayer Olymp, GO02 Ilina Guanaco, TEFE Tefe, IPOC Station P, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like MORF Marleiete, MORF MORF, MORF MORF, VOI Vohtsoka, etc.

ATD	Arta Tunnel	62.45	66	P	P	05 38 30.8 +3.9
ATD	Arta Tunnel	62.45	66	LR	LR	06 04 14.5
ATD	Arta Tunnel	62.45	66	eP	P	05 38 27.3 +0.3
ATD	Arta Tunnel	62.45	66	eP	P	05 38 27.3 +0.3
ATD	Arta Tunnel	62.45	66	eP	P	05 38 27.3 +0.3
PTGC	Puerto Gaitan,	62.67	285	eP	P	05 38 28.4 -0.1
MTFL	Montoliu	63.09	12	eP	P	05 38 31.5 +0.9
SDV	Santo Domingo	63.25	290	eP	P	05 38 33.0 +0.6
SDV	Santo Domingo	63.25	290	eP	P	05 38 33.1 +0.6
SDV	Santo Domingo	63.25	290	LR	LR	06 04 48.7
TAMC	Tame, Arauca	63.25	287	eP	P	05 38 32.3 -0.1
MACC	Macarena, Meta	63.47	292	eP	P	05 38 31.7 -2.1
PTLC	Puerto Leguiza	63.60	280	eP	P	05 38 32.0 -2.9
TIP	Timpagrande	63.71	25	uP	P	05 38 35.3 +0.4
TIP	Timpagrande	63.71	25	P	P	05 38 34.6 -0.3
SJG	San Juan	63.86	302	P	P	05 38 34.9 -1.3
SJG	San Juan	63.86	302	eP	IAMB	05 38 38.0
SJG	San Juan	63.86	302	eP	P	05 38 34.8 -1.3
SJG	San Juan	63.86	302	eP	P	05 38 34.9 -1.3
SJG	San Juan	63.86	302	LR	LR	06 01 19.9
CUC	Castroucco	64.03	24	IAMS_20	IAMS_20	06 04 28.3
RER	Riviere de l'E	64.03	105	P	P	05 38 40.6 +3.1
LMR	La Moure	64.04	16	eP	P	05 38 40.1 +3.2
VLR	Villavicencio,	64.07	284	eP	P	05 38 37.5 -0.3
CHUC	Chingaza	64.21	286	eP	P	05 38 37.8 -1.6
RIS	Riosol	64.30	285	eP	P	05 38 27.3 -1.2
IDI	Anoyia	64.35	34	uP	P	05 38 40.1 +1.0
IDI	Anoyia	64.35	34	P	P	05 38 39.9 +0.7
IDI	Anoyia	64.35	34	LR	LR	06 05 42.1
LF	La Frestale	64.35	11	eP	P	05 38 39.4 +0.6
PAMC	Pamplona, Colo	64.45	288	eP	P	05 38 40.7 0.0
PAOL	Paolisi	64.46	23	P	P	05 38 38.7 +1.0
BARC	Barichara	64.58	287	eP	P	05 38 39.7 -1.6
CAF	Calviac	64.58	12	eP	P	05 38 40.0 +0.1
ATAH	Atahualpa	64.69	271	LR	LR	06 05 20.5
CASP	Castiglione de	64.78	19	IAMS_20	IAMS_20	06 04 22.5
RLS	Riosol de Patr	64.83	29	eP	P	05 38 44.1 +2.0
RJF	Ros de la	64.84	11	eP	P	05 38 41.5 -0.6
ROSC	Rosalia	64.92	285	eP	P	05 38 42.7 -1.1
ROSC	Rosalia	64.92	285	eP	P	05 38 43.3 -0.2
ROSC	Rosalia	64.92	285	LR	LR	06 06 05.6
FLOC	Florencia	64.94	281	eP	P	05 38 42.4 -1.0
GRAC	Garzon, Huila	65.01	281	eP	P	05 38 43.3 -0.9
PRAD	Prado	65.02	283	eP	P	05 38 43.3 -0.7
VIVF	Saint-Julien-I	65.05	14	eP	P	05 38 44.2 +0.7
INTR	Introdacqua	65.09	22	P	P	05 38 42.9 -0.9
CESX	Cesi	65.17	20	P	P	05 38 43.0 -1.2
CESX	Cesi	65.17	20	IAMB	IAMB	05 38 47.0
CESX	Cesi	65.17	20	IAMS_20	IAMS_20	06 07 51.7
LAKA	Lakka	65.21	30	P	P	05 38 46.0 +1.3
AQU	L'Aquila	65.22	21	P	P	05 38 44.2 +0.5
AQU	L'Aquila	65.22	21	IAMB	IAMB	05 38 52.8
BRR	Barranca, Sant	65.22	287	eP	P	05 38 45.4 +0.8
CAMP	Campotosto	65.38	21	eP	P	05 38 43.2 -2.3
CAMP	Campotosto	65.38	21	IAMB	IAMB	05 38 47.7 -1.1
ORIF	Oris-en-Rattie	65.39	14	eP	P	05 38 47.5 +1.7
SERG	Sergoula	65.39	30	P	P	05 38 47.2 +1.4
KALE	Kalitheia	65.41	30	P	P	05 38 47.0 +1.0
ORTC	Ortega, Tolima	65.42	283	eP	P	05 38 46.4 -0.2
MBDP	Montbardon	65.43	15	eP	P	05 38 47.1 +1.0
SSB	Saint Sauveur	65.43	13	P	P	05 38 46.7 +0.8
KEK	Kerkira	65.43	27	IAMS_20	IAMS_20	06 06 57.6
ANX	Antiochia	65.47	29	P	P	05 38 47.8 +1.4
SANT	Santorini	65.47	33	P	P	05 38 46.0 -0.5
IGT	Igoumenitsa	65.52	28	P	P	05 38 47.4 +0.8
NRCA	Norcia	65.55	21	P	P	05 38 46.7 -0.1
NRCA	Norcia	65.55	21	IAMB	IAMB	05 38 54.0
EVR	Evyrytania	65.68	29	P	P	05 38 50.2 +2.4
URIC	Uribia, Colomb	65.68	293	eP	P	05 38 46.0 -2.2
BNI	Bardonecchia	65.71	15	P	P	05 38 47.6 -0.2
BNI	Bardonecchia	65.71	15	IAMB	IAMB	05 38 57.2
BNI	Bardonecchia	65.71	15	P	P	05 38 47.7 -0.2
NORC	Norcasia	65.71	285	eP	P	05 38 45.9 -2.6
FDMO	Fioridonte	65.72	21	IAMS_20	IAMS_20	06 07 01.2
KARP	Karpathos	65.76	35	IAMS_20	IAMS_20	06 05 58.4
ANIL	Santa Ana	65.79	284	eP	P	05 38 48.8 -0.5
WILL	Willia	65.79	31	P	P	05 38 48.2 -0.2
MFF	Saint Martin d	65.82	10	eP	P	05 38 48.7 +0.3
GUMA	Gualdo di Mace	65.82	21	IAMS_20	IAMS_20	06 08 33.0
TCF	Toulx Ste Croi	65.92	11	eP	P	05 38 49.7 +0.6
AXAR	Agios Charalarn	65.95	30	P	P	05 38 50.6 +1.1
P11	Penteliko	65.97	31	P	P	05 38 51.1 +1.5
DION	Dionisos Attik	66.02	31	P	P	05 38 51.7 +1.8
GUY2C	Guyana, Caldas	66.03	285	eP	P	05 38 49.3 -1.8
APE	Apeiranthos	66.04	33	uP	P	05 38 50.6 +0.5
APE	Apeiranthos	66.04	33	P	P	05 38 50.6 +0.5
ATAL	Atalanti	66.07	30	P	P	05 38 50.1 -0.1
LPG	La Plagne	66.14	15	eP	P	05 38 51.7 +0.8
LPL	La Plagne	66.16	15	eP	P	05 38 51.7 +0.8
POP	Popayan, Colom	66.24	281	P	P	05 38 49.4 -2.8
THL	Klokotos Trika	66.30	29	P	P	05 38 51.9 +0.3
BONI	La Bonita	66.30	279	eP	P	05 38 46.8 -5.8
BGF	Bois d'Angland	66.30	12	eP	P	05 38 51.9 +0.4
KPRO	Kipourio	66.32	280	P	P	05 38 52.7 +0.9
GCUF	Volcan Galeras	66.40	280	eP	P	05 38 50.1 -3.3
EIL	Elat	66.42	45	LR	LR	06 05 37.4
ZARC	Zaragoza, Cauc	66.46	287	eP	P	05 38 51.2 -2.0
YOTC	Yotoco, Valle	66.47	283	eP	P	05 38 51.2 -2.2
JAMC	Jamundi, Valle	66.48	282	eP	P	05 38 50.8 -2.9
KYMI	Kymi, Eubeoa I	66.54	31	P	P	05 38 53.0 -0.2
HELLO	Santa Helena	66.58	26	eP	P	05 38 52.6 -1.7
SMF	Signal de Mont	66.58	12	eP	P	05 38 53.6 +0.3
BBAC	Balboa, Cauca	66.59	281	eP	P	05 38 45.6 -8.7

KBN	Korca	66.61	27	P	P	05 38 55.1 +1.4
AVF	Avril sur Loir	66.62	12	eP	P	05 38 52.9 -0.6
TULM	Traicou-halpat	66.63	279	P	P	05 38 53.7 -1.2
TULM	Traicou-halpat	66.63	279	P	P	05 38 53.9 -1.0
XOR	Xorichti	66.68	30	P	P	05 38 54.3 +0.2
PLMC	San Jos de P	66.75	284	eP	P	05 38 54.2 -1.0
SLO	San Lorenzo -	66.80	277	IAMS_20	IAMS_20	06 05 32.2
TIR	Tirane	66.81	26	uP	P	05 38 55.6 +0.8
TIR	Tirane	66.81	26	P	P	05 38 55.6 +0.8
IMBA	Imbabura, San	66.87	278	P	P	05 38 55.4 -1.0
CHOB	Ciudad Bolivar	66.87	285	eP	P	05 38 54.2 -1.8
CHSH	Refugio Sur-Vo	66.90	276	IAMS_20	IAMS_20	06 07 21.8
SSF	Saint Sauge	66.91	12	eP	P	05 38 55.7 +0.3
COHC	Cochacay	66.95	275	eP	P	05 38 55.9 -0.4
FNA	Florida	67.00	28	P	P	05 38 56.3 +0.2
FNA	Florida	67.00	28	P	P	05 38 56.6 +0.5
MCRA	Macar, Loja	67.01	273	P	P	05 38 55.0 -1.8
MCRA	Macar, Loja	67.01	273	eP	P	05 38 55.1 -1.8
OHR	Ohrhid	67.01	27	iP	P	05 38 57.5 +1.3
CABF	La Chapelae	67.03	14	eP	P	05 38 56.3 0.0
ULV	Ulcinj	67.07	25	eP	P	05 38 58.3 +1.8
OTAV	Olavalo	67.09	278	eP	P	05 38 58.4 +0.6
OTAV	Olavalo	67.09	278	eP	P	05 38 58.1 +0.5
OTAV	Olavalo	67.09	278	eP	P	05 38 57.9 0.0
SENI	Lac Senin/Sane	67.09	15	P	P	05 38 55.1 -1.7
ROSF	Rostreren	67.10	7	eP	P	05 38 56.9 +0.4
HCY	Hydruntum	67.17	25	eP	P	05 38 59.2 +2.0
UREC	San Jos de Ur	67.18	287	eP	P	05 38 54.4 -3.4
LR	Lorles	67.18	12	eP	P	05 38 57.2 +0.1
STON	Ston	67.21	25	eP	P	05 38 58.5 +1.0
DRME	Dracevica, Mon	67.23	25	eP	P	05 38 58.4 +0.9
DRME	Dracevica, Mon	67.23	25	eP	P	05 38 59.0 +1.5
CHOS	Chios island	67.32	32	eP	P	05 38 59.5 +1.3
TEOL	Teolo	67.36	18	P	P	05 38 56.8 -1.4
PAIG	Paliouri	67.36	30	P	P	05 38 58.2 -0.1
PAIG	Paliouri	67.36	30	P	P	05 38 58.8 +0.5
PAIG	Paliouri	67.36	30	P	P	05 38 59.3 +0.2
CEM	Cervo	67.43	25	eP	P	05 38 59.7 +0.6
GRR	Gorron	67.46	9	eP	P	05 38 59.0 +0.2
PDG	Podgorica	67.47	25	uP	P	05 38 59.7 +0.8
PDG	Podgorica	67.47	25	P	P	05 38 58.5 -0.5
PDG	Podgorica	67.47	25	IAMB	IAMB	05 39 07.3
PDG	Podgorica	67.47	25	IAMS_20	IAMS_20	06 07 04.5
PDG	Podgorica	67.47	25	iP	P	05 38 59.9 +0.9
PDG	Podgorica	67.47	25	eP	P	05 39 02.0 +1.2
DBBC	Dabeiba	67.50	286	eP	P	05 38 59.6 -0.4
MAW	Mawson	67.54	156	P	P	05 38 59.2 0.0
MAW	Mawson	67.54	156	P	P	05 38 59.2 0.0
MAW	Mawson	67.54	156	P	P	05 38 59.2 0.0
MAW	Mawson	67.54	156	P	P	05 38 58.8 -0.4
CLF	Clifton	67.60	11	P	P	05 38 58.8 -0.9
CLF	Clifton	67.60	11	IAMS_20	IAMS_20	06 06 33.2
HORT	Horlatis	67.62	29	P	P	05 39 00.4 +0.3
NKME	Niksic	67.63	25	eP	P	05 39 02.5 +2.4
TUE	Tuetta	67.71	16	eP	P	05 39 02.0 -0.5
SJCC	San Jacinto, C	67.73	289	eP	P	05 39 01.1 -0.2
NEVS	Nevesine	67.75	24	eP	P	05 39 06.8 +7.8
LDF	La Druitiere	67.77	9	eP	P	05 39 00.8 +0.1
LDF	La Druitiere	67.77	9	P	P	05 39 00.8 +0.1
OUR	Ouranopolis	67.82	30	P	P	05 39 01.5 +0.3
OUR	Ouranopolis	67.82	30	P	P	05 39 01.9 +0.7
SIGR	Sigri	67.85	32	P	P	05 39 02.0 +0.5
MSEY	Mahe Island	67.91	88	IAMS_20	IAMS_20	06 04 34.9
MSEY	Mahe Island	67.91	88	P	P	05 39 03.0 +0.5
MSEY	Mahe Island	67.91	88	P	P	05 39 04.6 +2.2
SOH	Sokhos	67.92	29	P	P	05 39 02.1 +0.2
VAY	Valandovo	67.96	28	iP	P	05 39 02.8 +0.7
CTI	Castel Tesino	67.97	18	IAMS_20	IAMS_20	06 09 25.9
UPM	Unac-Piva	67.97	24	eP	P	05 39 03.4 +1.0
KNT	Kendrick	67.98	28	P	P	05 39 07.3 +5.0
SKO	Skopje	68.00	27	iP	P	05 39 02.9 +0.5
LJA	Limnos Island	68.05	31	P	P	05 39 03.0 +0.3
SRKY	Kyros RS	68.05	23	eP	P	05 39 03.6 +0.8
PRK	Paraskvei	68.08	32	P	P	05 39 03.4 +0.5
IVA	Berane	68.09	25	eP	P	05 39 04.3 +1.3
STIP	Stip	68.09	28	iP	P	05 39 04.6 +1.6
DAVOX	Davos/Dischmat	68.14	17	LR	LR	06 08 42.3
APAC	Apartmento, Choc	68.19	287	eP	P	05 39 05.1 +0.9
SKDS	Skadanscica	68.25	20	iP	P	05 39 03.4 -0.5
SRS	Serrai	68.26				







18d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like R55A Marlinton, L56A Greenwood, G56A Godfrey, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like SADO Sadowa, Q51A Peebles, P51A Williamsport, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HICK Hickman, LNXH Lenox, OLIL Olney, etc.

Table with columns for State (SCIA, FW13, ARU, etc.), Name, Date, Time, Location, and various status codes.

Table with columns for State (FWXY, ID06, TCUR, etc.), Name, Date, Time, Location, and various status codes.

Table with columns for State (ULN, J26L, L27K, etc.), Name, Date, Time, Location, and various status codes.

18d 6h

Table with columns: YSS, comp=Z, 70nm, 1.2s, pmax, pmax, MJAR, Matsuhiro Arr, 148.80 49 PKP PKPdf, 05 47 46.9 -0.5

Table with columns: MJAR, comp=Z, 14nm, 1.0s, baz=301, slow=2.0, SNR=14, sPKPdf, 05 47 50.7 -0.5

Table with columns: MJAR, comp=Z, 1.4nm, 1.0s, baz=325, slow=2.1, SNR=11, PP, 05 51 22.9 +1.6

Table with columns: SHO, comp=Z, 1.9nm, 1.0s, baz=297, slow=6.0, SNR=4.2, ePKIP, 05 47 54.1 +0.4

Table with columns: IDC 18 05:34:17.6-1.5, 3:19S, 140.01E, h0km, mb3.4/2, mbtmp3.5/3, ML3.9/1, MS2.9/2, Error ellipse: s-maj=41.2km s-min=11.8km az=133.0, Irian Jaya

Table with columns: NEIC 18 05:35:26.4-1.9, 53:55N, 0:05:165:102W, 0:09, h49km, 22km, Error ellipse: s-maj=10.2km s-min=4.4km

Table with columns: AEIC 18 05:35:25.9-1.7, 53:58N, 0:06:165:103W, 0:08, h50km, gkm, ML3.2, mb3.5/5 (min), ML3.3/6 (NEIC), Error ellipse: s-maj=9.5km s-min=5.3km az=150.0, Fox Islands

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, AKSA Akutan Strait, 0.68 325, AHB Akutan Harbor, 0.71 319, etc.

Table with columns: CNMR 18 05:39:07.2, 35:71N, 2:30W, h15km, ml2.9, MDD 18 05:39:07.6, 0.4, 35:75N, 2:33W, h0km, 3km, mb, Lg2, 7/16

Table with columns: SFS 18 05:39:08.7, 35:67N, 2:28W, h21km, ML3.7/19, ML3.3/15, MLv3.2/19

Table with columns: INMG 18 05:39:09.8-1.4, 35:83N, 2:35W, h12km, 4km, ML2.3, Error ellipse: s-maj=6.2km s-min=2.8km az=153.0

Table with columns: ISC 18 05:39:07.6-1.1, 35:73N, 0:02:29W, 0:03, h17km, gkm, n82, r130/137, 1C, Strait of Gibraltar

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, CHAS Isla Isabel II, 0.56 192, EALB Alboran, 0.64 289, etc.

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Main station list table with columns: PALE Palemias, 1.44 250, PALE Palemias, 1.44 250, ELGU Los Guajares, 1.56 317, etc.

Table with columns: IDC 18 06:01:05.7-5.6, 3:21S, 101.72E, h0km, mb3.3/2, mbtmp3.3/2, Error ellipse: s-maj=341.5km

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, H0S2 Diego Garcia H, 29.41 260, H0S3 Diego Garcia H, 29.42 260, etc.

1298

Table with columns: TXAR Lajitas Array, 144.57 40 PKP PKPdf, 06 20 44.6 -0.5

Table with columns: THE 18 06:06:54.8, 40:64N, 21:71E, h0km, 2km, ML2.7/7, Error ellipse: s-maj=2.4km s-min=0.5km az=71.0

Table with columns: SKO 18 06:06:54.7, 40:54N, 21:68E, h0km, ML2.8

Table with columns: ATH 18 06:06:55.0, 40:63N, 21:69E, h5km, 2km, ML2.5/13, Error ellipse: s-maj=2.1km s-min=0.7km az=323.0

Table with columns: ISC 18 06:06:54.9, 1.1, 40:62N, 0:02:21.68E, 0:02, h5km, 10km, n47, r056/69, Greece

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, FNA Florina, 0.28 305, FNA Florina, 0.28 305, etc.

Table with columns: NEIC 18 06:10:47.5-2.7, 11:36S, 0:06:75:85W, 0:03, h107km, 11km, mb4.2/8, Error ellipse: s-maj=9.6km

Table with columns: ISC 18 06:10:46.8-0.7, 11:37S, 0:06:75:83W, 0:07, h100km, n35, r156/33, Central Peru

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, NNA Nana, 1.17 238, NNA Nana, 1.17 238, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like COHC Cochancay, ETMB Extrema, CHSH Refugio Sur-Vo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 1.1nm, 0.3s, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like HSPGA Hill Springs, NEW Newport, MSO Missoua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DLMT Dillon, BOZ Bozeman, PLID Pearl Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 0.8nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR 0.2nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JWM Minabe, JMW JMW, JAI Aioi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MSVF Nonsavu, ASAR Alice Springs, ASAR 1.2nm, 0.7s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CARR Arianga, NMT Santiago Niite, PCIG PCIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 4.0nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, EK2E Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like BVAR Borovoye Array, AKTO Aktyubinsk, AKTO 2.7nm, 0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, MBAR Mbarara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like UCR 18 07:33:15.3, UPA 18 07:33:16.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like PTPM Petroterminale, PED3 Pedregal, LOCO3 Loma Colorada, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like BC3P Paso Ancho, MLIR3 Monte Lirio, PTJ1 Puerto Jimenez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CRIS3 El Cristo, CRIS3 Rivas, CHM3 Cerro de Muert, etc.



1301

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Punta Patache, Humberstone, Diego Arcacena, Limon Verde, etc.

IDC 18 08:47:55.6:1.0, 67:15N:20:72E, h0km, mbtmp2.8/4, ML2.3/4, Error ellipse: s-maj=15.6km s-min=8.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dundret, Masugnbyn, Laukkuluspa, Kurraavaara, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STEI, ARCRES, FINES, NOA, HFS, etc.

SOME 18 08:56:23.9, 42:00N-80:45E, h0km, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UZB, KPKS, KTBS, etc.

IDC 18 08:59:12.3:3.4, 53:54N:87:78E, h0km, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=32.3km s-min=16.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR, etc.

GCG 18 09:07:42.8:0.6, 15:32N:93:24W, h70km, MD3.8, MEX 18 09:07:45.5:0.7, 14:30N:93:21W, h17km, MD3.9

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

IDC 18 09:11:24.2:4.4, 6:31S:130:39E, h174km, 63km, mb3.6/1, mbtmp3.9/4, MS2.4/1, Error ellipse: s-maj=143.2km s-min=21.4km az=79.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI, SIJI, KDU, etc.

IDC 18 09:31:02.4:2.6, 54:32N:86:06E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=19.1km s-min=11.1km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR, etc.

18d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR, etc.

SOME 18 09:30:38.9, 42:22N-80:58E, h10km, KRNET 18 09:39:39.0, 1.0, 42:45N-80:65E, mb2.8

NNC 18 09:39:49.3:1.4, 42:28N-80:46E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=8.9km s-min=8.3km az=96.0

ISC 18 09:39:42.7:1.2, 42:35N:07:80:37E, h0km, mb3.1, n11, c1575/7, 10C-9D, Kyrgyzstan-Xinjiang border region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, PDGK, UZB, PRZ, SATY, ZHN, etc.

18d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ADC 18 09:41:05.0.0.1.6.39.98N-43.57E, h0km, mb3.9/14, mbtmp3.9/22, ML3.9/7, MS3.3/19, Error ellipse: s-maj=13.2km s-min=9.4km az=146.0

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details.

2017 SEP

Main table of station data for the 2017 SEP period, including station names, coordinates, and technical specifications.

1302

Main table of station data for the 1302 period, including station names, coordinates, and technical specifications.







Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SADO Sadowa, TXAR Lajitas, ARCES ARCESS Array B, etc.

IDC 18 10:30:52.5-4.6, 21.70N-143.08E, h306km, 43km, mb3.3/16, mbtmp4.0/17, Error ellipse: s-maj=26.6km s-min=14.7km az=77.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations in the Mariana Islands region like JNU Nakatsue, KRSR Korea Array, etc.

SOME 18 10:39:17.3, 44.35N-81.17E, h0km NNC 18 10:39:19.0, 1.6, 44.28N-81.37E, h0km, mb2.9, mpv2.6, Error ellipse: s-maj=26.0km s-min=6.6km az=129.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations in Northern Xinjiang like DJR Jankent, DJR Jankent, etc.

IDC 18 10:56:16.1-4.4, 6.21S-102.38E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=182.2km s-min=27.9km az=54.0, Southwest of Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations in the Southwest of Sumatara region like H01W3 Cape Leeuwin, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array, etc.

NOU 18 11:35:55.9, 38.81S-178.56E, h65km, MLv4.2/10, Off E. Coast of N. Island, N.Z.

IDC 18 11:35:56.4, 7.6, 37.776S-178.01E, h0km, mb3.6/2, mbtmp3.6/2, MS3.8/1, Error ellipse: s-maj=581.9km s-min=71.0km az=178.0

WEL 18 11:35:56.8, 0.8, 39.95-4.17\*8E, h25km, 5km, M3.9/79, ML-4.5/18, MLv3.9/79, Error ellipse: s-maj=0.0km s-min=0.0km az=11.0, confirmed

ISC 18 11:35:53.4, 1.2, 38.81S-178.65E, h20km, 5km, n151, e0998/153, Off east coast of North Island

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists numerous stations across various regions like CNGZ Carpath Station, MHGZ Mania Peninsula, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like CAW Cannon Point, GRZ Great Barrier, MBZA Motupata North, etc.

ASAR 1.1mm, 0.7s, baz=129, slow=8.7, SNR=6.6 LR 12 01 24.5

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like WRA Warramunga Arr, H03S2 Juan Fernandez, etc.

IDC 18 11:48:19.6, 1.7, 5.89S-123.45E, h0km, mb3.3/2, mbtmp3.3/2, MS2.6/2, Error ellipse: s-maj=52.7km s-min=21.9km az=59.0

DJA 18 11:48:25.1, 0.4, 6.5, 4.12\*3E, h54km, 77km, M4.1/8, mb4.2/4, MLv4.1/8

ISC 18 11:48:24.2, 1.0, 6.36S-123.08E, h0km, n14, e211/15, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations in the Banda Sea region like MMRI Maumere, BKSI Bulukumba, etc.

NEIC 18 12:06:55.6, 2.5, 16.01N-108.95E, h6km, 5km, mb4.9/95, MD4.7/17(MEX), Error ellipse: s-maj=10.9km s-min=6.2km az=181.0

MEX 18 12:06:57.0, 0.2, 16.08N-108.95E, h14km, 6km, MD4.7 GCMT 18 12:06:57.0, 0.2, 16.08N-108.95E, h14km, 6km, MD4.7

MMW4.9/4, Moment Tensor Solution, s37.0/1, s94.3/13; Duration: 0. Moment tensor. Scale 10^19Nm; M2-2.97; 15; Mw=0.81±.09; Mw2.61±.10; Mw=0.77±.23; Mw=0.82±.06; Mw=0.81±.09; Best double couple: M3.12900x10^16

NP1.3e27.00000, s55.00000, -1.80.00000. NP2: s190.00000, s86.00000, -1.103.00000. Principal axes: T 3.0510, Plg10.00000, Azm110.00000; N 0.1590, Plg8.00000, Azm201.00000; P -3.2080, Plg78.00000, Azm329.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function IDC 18 12:07:01.7, 3.0, 16.21N-94.85W, h51km, 25km, mb4.1/17, mbtmp4.1/17, ML4.0/2, MS4.0/52, Error ellipse: s-maj=23.3km s-min=12.2km az=54.0

GCG 18 12:07:02.1, 0.9, 15.81N-94.93W, h34km, 999km, MD4.8 ISC 18 12:06:54.9, 1.2, 15.99N-104.95E, h17km, 8km, n538, s1817/515, mb4.8/44, MS4.0/49, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists stations in the Oaxaca region like NILT Santiago Nilte, HUIG Huatulco, etc.

18d 12h

Table with columns for station call letters, name, frequency, and other details. Includes stations like NBG, UNM, MTO3, SNET, etc.

2017 SEP

Table with columns for station call letters, name, frequency, and other details. Includes stations like 121A, HHAR, GOGA, etc.

1306

Table with columns for station call letters, name, frequency, and other details. Includes stations like OGNE, O48B, SCIA, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like MACA Manacapurru-AM, SAML Samuel, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like P23K Montague Islan, F30M Barrier River, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like G23K Bananza Creek, R16K Pilot Point, etc.

18d 12h

Table with columns: Code, Station Name, Az, Phase, ISC, h, m, s, ISC, Res. Includes entries like TORO Torodi Ar. Bea, NACGM Naroch, YAK Yakutsk, etc.

NOU 18 12:10:58.0, 31.12S:-176:37W, h0km, mb4.7/13, Kermadec Islands Region
BUJ 18 12:11:02.4, 0.0, 30.87S:178:23W, h18km, mb5.1/9, m85.77, Ms5.3/2, Ms7.4/2
NEIC 18 12:11:04.4, 1.6, 30.31S:0:07:178:0W, 0.2, h33km, 4km, mb5.0/25, Error ellipse: s-maj=20.7km s-min=10.3km az=91.0

IDC 18 12:11:07.0, 0.5, 30.18S:177:97W, h56km, 4km, mb4.3/12, mbmp4.5/14, MS4, 1/41, Error ellipse: s-maj=16.1km s-min=7.9km az=96.0
GCMT 18 12:11:06.4, 0.4, 30.50S:0:04:177:85W, 0.3, h55km, 3km, MW4, 9/72, Moment Tensor Solution, s23.c34: s72.c98; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr1.56t:24; Mss0.20t:16; Mtt1.76t:14; Mss-0.69t:12; Mss1.03t:12; Mss-1.93t:11; Best double couple: M2, 96000x10^16 Nm^2; NP1=30.00000, 837.00000, 133.00000; Principal axes: T 2.9810, P1g53.00000, Azm133.00000; N -0.0390, P1g30.00000, Azm353.00000; P -2.9390, P1g20.00000, Azm251.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 12:11:05.7, 0.4, 30.50S:0:03:177:83W, 0.07, h45km, 2km, h44km; p-P, n201, c2617/162, mb4.9/27, MS4.1/42, 3C-1D, Kermadec Islands

Main table for 18d 12h section with columns: Code, Station Name, Az, Phase, ISC, h, m, s, ISC, Res. Includes entries like GLKZ Green Lake, RAO Raoul Island, RIZ Raoul Island, etc.

Continuation of the main table for 18d 12h section, including entries like CTZ Chatham Island, OUENC Owen Island, RPZ Rata Peaks, etc.

2017 SEP

Main table for 2017 SEP section with columns: Code, Station Name, Az, Phase, ISC, h, m, s, ISC, Res. Includes entries like PPT Papeete, MHR Honiara, HNH Nehitia, etc.

1308

Main table for 1308 section with columns: Code, Station Name, Az, Phase, ISC, h, m, s, ISC, Res. Includes entries like USRK Ussuriysk Arr, IRM Iron Mountain, MLAC Mammoth, etc.

SKO 18 12:44:39.4, 0.1, 15N:20:86E, h13km, ML2.5
PDG 18 12:44:39.4, 0.2, 41.08N:20:88E, h0km, ML2.5
Error ellipse: s-maj=0.7km s-min=0.5km az=90.0

ATH 18 12:44:40.5, 41.212N, 20.95E, h8km, 1km, ML2, 4/5, Error ellipse: s-maj=3.3km s-min=1.8km az=120.0

BEO 18 12:44:41.0, 41.2, 41.17N, 20.89E, h0km, ML2, 1/8

ISC 18 12:44:40.4, 41.1, 41.14N, 0.02, 20.88E, 0.02, h3km, gkm, n41, s133/71, 3C, Albania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like OHrid, Florina, Nestorio, Tirane, Skopje, etc.

MEX 18 13:18:57.8, 0.4, 16.40N, 98.50W, h33km, 5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like MGIG Malinaltepec, YOSONDUA, etc.

SOME 18 13:22:21.2, 43.72N, 83.13E, h20km, NNC 18 13:22:24.6, 3.0, 44.32N, 82.98E, h0km, mb2.7, mpv2.3

Error ellipse: s-maj=29.0km s-min=9.3km az=119.0

ISC 18 13:22:14.3, 6.2, 43.8N, 0.03, 83.8E, 0.4, h10km, n8, c089/8, 4C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like DJR Jarkent, PDGR Podgornoye, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like MK31, SHLS Shalkode, etc.

KRSC 18 13:25:40.5, 2.1, 54.65N, 167.84E, h44km, 51km, M15.1

IDC 18 13:25:40.6, 0.5, 54.98N, 167.83E, h0km, mb4, 2/32, mbtmp4, 3/36, ML3, 9/4, MS3, 7/20, Error ellipse: s-maj=14.3km s-min=9.5km az=175.0

NEIC 18 13:25:42.2, 2.1, 54.85N, 0.06, 167.9E, 0.1, h10km, 1km, mb4.6/178, Error ellipse: s-maj=11.3km s-min=9.5km az=304.0

MOS 18 13:25:43.1, 0.8, 54.81N, 167.87E, h54km, mb4, 7/31, MS3, 8/4, Error ellipse: s-maj=5.5km s-min=4.6km az=30.6

GCMT 18 13:25:44.2, 0.3, 54.93N, 0.02, 167.98E, 0.03, h18km, 30km, MW4, 7/72, Moment Tensor Solution, s14, c18, s72, 2/95, Duration: 0, Moment tensor: Scalar 1016Nm, M1=162, M2=10, M3=1, 50E, 08; Mw=1.66E+09; Mm0.31E+20; Mw=0.32E+08; Mw=0.09E+17; Best double couple: M1, 64700x10^16; N1=310, 000000, 884, 000000, A=169, 000000; NP2=219, 000000, 879, 000000, A=6, 000000; Principal axes: T 1.6990, Plg4, 0000, Azm84, 0000; N -0.1040, Plg77, 0000, Azm337, 0000; P -1.5950, Plg12, 0000, Azm175, 0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 13:25:42.1, 0.5, 54.73N, 0.04, 167.93E, 0.03, h15km, 2km, MW4, 4/6, 130, MS3, 8/18, 17C-1D, Komandorsky Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like BKI Bering, KBTR Krutoberegovo, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like SDLR Sedlovina, SMAR Somma, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include stations like M1K Mekoryuk, UNV Unalaska Valle, etc.

18d 13h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like M15K Kasigluk River, H16K Elim, N15K Kwethluk River, etc.

2017 SEP

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like K20K Telida, YAK Yakutsk, YAK Yakutsk, etc.

1310

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KNK Knik Glacier, SML Sawmill, E23K Chadaral, etc.





18d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HDIL Hopedale, ALPN Alpine, ABTX Abilene, TXAR Lajitas Array, etc.

2017 SEP

Table with columns: WRAB Tennant Creek, WRRO Warramunga Arr, VVDA Vanda, SBA Scott Base, CTA Charters Towers, MAW Mawson, etc.

1312

Table with columns: PBO8 IPOC Station P, PATCX Punta Patache, GO03 Copiap, SJA 18 13:46:51.0,0.6,31:86S:72:56W, etc.



18d 13h

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like BRAL Brewton, 250A Grady, CSU Charleston Sou, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like X51A Calhoun, X51A Calhoun, X51A Calhoun, etc.

1314

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like Z38A Mt. Pleasant, U56A King, U56A King, etc.







18d 13h

Table with columns for station ID, name, frequency, and other technical details. Includes stations like PMOZ Porto Moniz, AGMN Agassiz Nation, AGMN Agassiz Nation, etc.

2017 SEP

Table with columns for station ID, name, frequency, and other technical details. Includes stations like DBO Dodson Butte, I05D Terrebonne, MOPA Mopani, etc.

1318

Table with columns for station ID, name, frequency, and other technical details. Includes stations like ES06 SONSECA Array, ES17 SONSECA Array, ES11 SONSECA Array, etc.





18D 13h

Table with columns for station name, frequency, power, and status. Includes stations like Oспенновка, SGDS, AAK, UCH, SEM, TNS, ZAK, etc.

2017 SEP

Table with columns for station name, frequency, power, and status. Includes stations like WMQ, ZAK, CN2, GSKS, etc.

1320

Table with columns for station name, frequency, power, and status. Includes stations like BTO, TIA, TIA, TIA, etc.

DNK 18 13:59:05.4±1.6, 58.93N×18.04E, h0km, ML3.2, Explosion
UPP 18 13:59:05.2±0.1, 58.93N×17.97E, h0km, ML1.9, Suspected explosion

HEL 18 13:59:05.4±0.4, 58.90N×17.87E, h0km, ML1.6, Explosion
ISC 18 13:59:05.0±0.7, 58.92N×0.02±17.89E, h0km, n43, e1913/60, Sweden

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like NYNU, Nynaeshamn, Vikbolandet, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GRAU Graesoe, ASKU Askersund, BYXU Byxelkrok, BLEU Blekinge, etc.

NEIC 18 14:06:31.1, 1.7, 4.08S:0.09x143.3E:0.1, h108km, 9km, mb4.6/17, Error ellipse: s-maj=16.6km s-min=11.4km az=51.0

IDC 18 14:06:33.8, 2.4, 4.21S:143.00E, h113km, 18km, mb3.4/4, mbtmp3.9/7, MS3.5/1, Error ellipse: s-maj=39.9km s-min=16.0km az=61.1

ISC 18 14:06:31.8, 0.6, 4.15S:0.08x143.25E:0.08, h115km, n28, s=15/29, mb4.2/8, New Guinea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JAY Jayapura, PMG Port Moresby, COEN Coen, WRB Warramunga Arr, etc.

IDC 18 14:06:43.2, 5.9, 9.22S:126.92E, h97km, 55km, mb3.6/6, mbtmp3.9/9, Error ellipse: s-maj=58.7km s-min=14.9km az=39.0

ISC 18 14:06:37.0, 9, 8.86S:0.09x127.15E:0.10, h35km, n9, s=15/21, mb3.9/6, Timor region

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

SJA 18 14:11:39.7, 0.8, 31.84S:72.79W, h25km, 7km, ML4.0, MW4.1

GUC 18 14:11:45.9, 0.7, 31.86S:72.09W, h30km, 2km, ML3.6

ISC 18 14:11:42.8, 1.5, 31.89S:0.03x72.36W:0.07, h10km, n36, s=24/67, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CO02 Combarbal, ROCI El Roble, ROCH El Roble, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROCH, MT02 Curacav, San Esteban, etc.

IDC 18 14:19:09.8, 0.5, 15.16N:94.67W, h0km, mb4.9/25, mbtmp4.9/27, ML4.5/2, MS5.6/1, Error ellipse: s-maj=17.3km s-min=10.1km az=57.0

MOS 18 14:19:11.3, 1.4, 15.24N:94.58W, h10km, mb5.9/57, MS5.8/33, Error ellipse: s-maj=6.8km s-min=4.5km az=92.3

NEIC 18 14:19:12.8, 15.25N:94.87W, h14km, Moment Tensor Solution. Duration: 3/3 Moment tensor: Scale 1017Nm; M1: 3.06; M2: 0.10; M3: 2.96; M4: 0.33; M5: 0.92; M6: 0.65; Fault plane solution: M3.23000x1017 NP1: 0.341, 0.7000, 851.47000, A-93.28000. NP2: 0.166, 3.3000, 838.65000, A-85.89000. Principal axes: T 3.3066, Plg6.0000, Azm73.0000; N -0.1592, Plg3.0000, Azm343.0000; P -3.1474, Plg83.0000, Azm231.0000.

NEIC 18 14:19:12.9, 2.1, 15.26N:0.08x94.57W:0.07, h10km, 1km, mb5.7/756, Ms 20.5/8/694, Mw5.6/27, Md5.8/15(MEX) Error ellipse: s-maj=13.4km s-min=10.2km az=206.0

NEIC 18 14:19:12.8, 15.25N:94.56W, h14km, MEX 18 14:19:14.0, 0.5, 15.26N:0.01x94.60W:0.01, h15km, GCMT 18 14:19:14.9, 0.1, 15.33N:0.01x94.60W:0.01, h15km, MW5.7/146, Moment Tensor Solution. s130.c230; s146.c304; Duration: 1/8 Moment tensor: Scale 1017 Nm; M1: 3.28; M2: 0.6; M3: 0.35; M4: 0.04; M5: 2.92; M6: 2.33; M7: 1.1; M8: 1.1; M9: 2.85; M10: 1.4; Best double couple: M4.94700x1017 NP1: 326.0000, 869.0000, 1.1000000. NP2: 172.0000, 823.0000, 1.66.0000. Principal axes: T 4.8750, Plg24.0000, Azm83.0000; N -0.1340, Plg9.0000, Azm329.0000; P -5.0190, Plg64.0000, Azm220.0000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment rate function

UPA 18 14:19:14.8, 7.0, 15.59N:94.56W, h10km, MW5.8 BGR 18 14:19:26.3, 15.34N:93.54W, h33km, mb6.1, mB\_BB6.4, Ms5.8

GCG 18 14:19:36.1, 2.2, 15.43N:93.04W, h38km, 999km, MD5.2

ISC 18 14:19:11.7, 0.4, 15.14N:0.03x94.69W:0.03, h6km, 2km, h5km, pp-P, n2037, s=22/1862, mb5.7/417, MS5.8/434, 96C-75D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROCH, MT02, San Esteban, etc.

IDC 18 14:19:09.8, 0.5, 15.16N:94.67W, h0km, mb4.9/25, mbtmp4.9/27, ML4.5/2, MS5.6/1, Error ellipse: s-maj=17.3km s-min=10.1km az=57.0

MOS 18 14:19:11.3, 1.4, 15.24N:94.58W, h10km, mb5.9/57, MS5.8/33, Error ellipse: s-maj=6.8km s-min=4.5km az=92.3

NEIC 18 14:19:12.8, 15.25N:94.87W, h14km, Moment Tensor Solution. Duration: 3/3 Moment tensor: Scale 1017Nm; M1: 3.06; M2: 0.10; M3: 2.96; M4: 0.33; M5: 0.92; M6: 0.65; Fault plane solution: M3.23000x1017 NP1: 0.341, 0.7000, 851.47000, A-93.28000. NP2: 0.166, 3.3000, 838.65000, A-85.89000. Principal axes: T 3.3066, Plg6.0000, Azm73.0000; N -0.1592, Plg3.0000, Azm343.0000; P -3.1474, Plg83.0000, Azm231.0000.

NEIC 18 14:19:12.9, 2.1, 15.26N:0.08x94.57W:0.07, h10km, 1km, mb5.7/756, Ms 20.5/8/694, Mw5.6/27, Md5.8/15(MEX) Error ellipse: s-maj=13.4km s-min=10.2km az=206.0

NEIC 18 14:19:12.8, 15.25N:94.56W, h14km, MEX 18 14:19:14.0, 0.5, 15.26N:0.01x94.60W:0.01, h15km, GCMT 18 14:19:14.9, 0.1, 15.33N:0.01x94.60W:0.01, h15km, MW5.7/146, Moment Tensor Solution. s130.c230; s146.c304; Duration: 1/8 Moment tensor: Scale 1017 Nm; M1: 3.28; M2: 0.6; M3: 0.35; M4: 0.04; M5: 2.92; M6: 2.33; M7: 1.1; M8: 1.1; M9: 2.85; M10: 1.4; Best double couple: M4.94700x1017 NP1: 326.0000, 869.0000, 1.1000000. NP2: 172.0000, 823.0000, 1.66.0000. Principal axes: T 4.8750, Plg24.0000, Azm83.0000; N -0.1340, Plg9.0000, Azm329.0000; P -5.0190, Plg64.0000, Azm220.0000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment rate function

UPA 18 14:19:14.8, 7.0, 15.59N:94.56W, h10km, MW5.8 BGR 18 14:19:26.3, 15.34N:93.54W, h33km, mb6.1, mB\_BB6.4, Ms5.8

GCG 18 14:19:36.1, 2.2, 15.43N:93.04W, h38km, 999km, MD5.2

ISC 18 14:19:11.7, 0.4, 15.14N:0.03x94.69W:0.03, h6km, 2km, h5km, pp-P, n2037, s=22/1862, mb5.7/417, MS5.8/434, 96C-75D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROCH, MT02, San Esteban, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NILT Santiago Nilte, HUIG Huatulco, etc.

IDC 18 14:19:09.8, 0.5, 15.16N:94.67W, h0km, mb4.9/25, mbtmp4.9/27, ML4.5/2, MS5.6/1, Error ellipse: s-maj=17.3km s-min=10.1km az=57.0

MOS 18 14:19:11.3, 1.4, 15.24N:94.58W, h10km, mb5.9/57, MS5.8/33, Error ellipse: s-maj=6.8km s-min=4.5km az=92.3

NEIC 18 14:19:12.8, 15.25N:94.87W, h14km, Moment Tensor Solution. Duration: 3/3 Moment tensor: Scale 1017Nm; M1: 3.06; M2: 0.10; M3: 2.96; M4: 0.33; M5: 0.92; M6: 0.65; Fault plane solution: M3.23000x1017 NP1: 0.341, 0.7000, 851.47000, A-93.28000. NP2: 0.166, 3.3000, 838.65000, A-85.89000. Principal axes: T 3.3066, Plg6.0000, Azm73.0000; N -0.1592, Plg3.0000, Azm343.0000; P -3.1474, Plg83.0000, Azm231.0000.

NEIC 18 14:19:12.9, 2.1, 15.26N:0.08x94.57W:0.07, h10km, 1km, mb5.7/756, Ms 20.5/8/694, Mw5.6/27, Md5.8/15(MEX) Error ellipse: s-maj=13.4km s-min=10.2km az=206.0

NEIC 18 14:19:12.8, 15.25N:94.56W, h14km, MEX 18 14:19:14.0, 0.5, 15.26N:0.01x94.60W:0.01, h15km, GCMT 18 14:19:14.9, 0.1, 15.33N:0.01x94.60W:0.01, h15km, MW5.7/146, Moment Tensor Solution. s130.c230; s146.c304; Duration: 1/8 Moment tensor: Scale 1017 Nm; M1: 3.28; M2: 0.6; M3: 0.35; M4: 0.04; M5: 2.92; M6: 2.33; M7: 1.1; M8: 1.1; M9: 2.85; M10: 1.4; Best double couple: M4.94700x1017 NP1: 326.0000, 869.0000, 1.1000000. NP2: 172.0000, 823.0000, 1.66.0000. Principal axes: T 4.8750, Plg24.0000, Azm83.0000; N -0.1340, Plg9.0000, Azm329.0000; P -5.0190, Plg64.0000, Azm220.0000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment rate function

UPA 18 14:19:14.8, 7.0, 15.59N:94.56W, h10km, MW5.8 BGR 18 14:19:26.3, 15.34N:93.54W, h33km, mb6.1, mB\_BB6.4, Ms5.8

GCG 18 14:19:36.1, 2.2, 15.43N:93.04W, h38km, 999km, MD5.2

ISC 18 14:19:11.7, 0.4, 15.14N:0.03x94.69W:0.03, h6km, 2km, h5km, pp-P, n2037, s=22/1862, mb5.7/417, MS5.8/434, 96C-75D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NILT, HUIG, PCIG, etc.

IDC 18 14:19:09.8, 0.5, 15.16N:94.67W, h0km, mb4.9/25, mbtmp4.9/27, ML4.5/2, MS5.6/1, Error ellipse: s-maj=17.3km s-min=10.1km az=57.0

MOS 18 14:19:11.3, 1.4, 15.24N:94.58W, h10km, mb5.9/57, MS5.8/33, Error ellipse: s-maj=6.8km s-min=4.5km az=92.3

NEIC 18 14:19:12.8, 15.25N:94.87W, h14km, Moment Tensor Solution. Duration: 3/3 Moment tensor: Scale 1017Nm; M1: 3.06; M2: 0.10; M3: 2.96; M4: 0.33; M5: 0.92; M6: 0.65; Fault plane solution: M3.23000x1017 NP1: 0.341, 0.7000, 851.47000, A-93.28000. NP2: 0.166, 3.3000, 838.65000, A-85.89000. Principal axes: T 3.3066, Plg6.0000, Azm73.0000; N -0.1592, Plg3.0000, Azm343.0000; P -3.1474, Plg83.0000, Azm231.0000.

NEIC 18 14:19:12.9, 2.1, 15.26N:0.08x94.57W:0.07, h10km, 1km, mb5.7/756, Ms 20.5/8/694, Mw5.6/27, Md5.8/15(MEX) Error ellipse: s-maj=13.4km s-min=10.2km az=206.0

NEIC 18 14:19:12.8, 15.25N:94.56W, h14km, MEX 18 14:19:14.0, 0.5, 15.26N:0.01x94.60W:0.01, h15km, GCMT 18 14:19:14.9, 0.1, 15.33N:0.01x94.60W:0.01, h15km, MW5.7/146, Moment Tensor Solution. s130.c230; s146.c304; Duration: 1/8 Moment tensor: Scale 1017 Nm; M1: 3.28; M2: 0.6; M3: 0.35; M4: 0.04; M5: 2.92; M6: 2.33; M7: 1.1; M8: 1.1; M9: 2.85; M10: 1.4; Best double couple: M4.94700x1017 NP1: 326.0000, 869.0000, 1.1000000. NP2: 172.0000, 823.0000, 1.66.0000. Principal axes: T 4.8750, Plg24.0000, Azm83.0000; N -0.1340, Plg9.0000, Azm329.0000; P -5.0190, Plg64.0000, Azm220.0000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment rate function

UPA 18 14:19:14.8, 7.0, 15.59N:94.56W, h10km, MW5.8 BGR 18 14:19:26.3, 15.34N:93.54W, h33km, mb6.1, mB\_BB6.4, Ms5.8

GCG 18 14:19:36.1, 2.2, 15.43N:93.04W, h38km, 999km, MD5.2

ISC 18 14:19:11.7, 0.4, 15.14N:0.03x94.69W:0.03, h6km, 2km, h5km, pp-P, n2037, s=22/1862, mb5.7/417, MS5.8/434, 96C-75D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NILT, HUIG, PCIG, etc.

18d 14h

2017 SEP

1322

Table with columns: JCT, S, Sn, 14 25 54.3 -0.6, 14 22 57.0 -0.4, 14 22 51.7 -6.3, 14 22 55.7 -2.3, 14 23 03.8 -0.8, 14 23 08.2 +3.6, 14 23 03.3 +0.8, 14 27 56.8, 14 28 56.8, 14 23 10.0, 14 23 03.6 +1.0, 14 23 02.8 -1.7, 14 23 06.3 -0.9, 14 23 02.6 -1.9, 14 23 09.4, 14 23 04.7 -1.0, 14 23 11.2 +2.1, 14 23 07.8 +0.9, 14 23 06.2 -0.7, 14 23 05.0 -1.9, 14 23 06.6 -0.3, 14 23 07.1 -0.6, 14 23 12.8, 14 23 15.8, 14 23 07.1 -0.8, 14 23 09.3 -0.6, 14 23 09.5 -0.4, 14 23 12.8 +0.5, 14 23 21.7, 14 23 22.7, 14 23 22.3, 14 23 16.7 -0.2, 14 23 15.6 +0.1, 14 23 15.3 -0.2, 14 26 37.0 -1.4, 14 23 15.3 -0.2, 14 23 15.2 -0.4, 14 23 14.3 -1.3, 14 23 13.9 -1.6, 14 23 14.1 -1.4, 14 23 15.9 -0.1, 14 26 38.7 -0.4, 14 23 16.5 -1.0, 14 23 15.5 -2.1, 14 23 18.4 -0.6, 14 23 25.7, 14 23 27.1, 14 23 24.9, 14 23 17.8 -1.6, 14 23 20.0 -0.2, 14 23 27.6, 14 23 19.6 -1.0, 14 23 20.0 -0.6, 14 23 21.6 +0.3, 14 23 19.2 -1.4, 14 23 29.7, 14 23 22.7 +0.1, 14 23 22.4 -0.1, 14 23 24.0 +0.3, 14 23 31.5, 14 23 23.3 -0.9, 14 23 23.3 -0.9, 14 23 23.2 -1.4, 14 23 31.6, 14 23 26.5 +0.3, 14 26 49.6 -0.5, 14 23 30.6 +3.3, 14 23 34.4, 14 23 36.0, 14 23 26.8 -1.3, 14 23 37.4, 14 23 38.3, 14 23 28.3 -1.1, 14 23 36.6, 14 23 41.1, 14 23 42.3, 14 23 32.4 -0.5, 14 23 42.3, 14 23 42.3, 14 23 32.7 -1.0, 14 23 33.6 -0.4, 14 23 41.8 +7.2, 14 23 36.2 -0.4, 14 23 41.5 +4.9, 14 23 35.4 -0.3, 14 23 35.5 -0.2, 14 23 35.5 -0.2, 14 23 35.2 -0.6, 14 23 33.9 -1.9, 14 23 36.1 0.0, 14 27 12.2 +0.1, 14 23 35.7 -0.4, 14 23 36.0 -0.1, 14 23 36.1 -0.5, 14 23 47.5

Table with columns: GTTY, 14 23 34.0 -3.1, 14 23 37.0 -0.2, 14 23 44.7, 14 23 36.3 -1.6, 14 23 36.3 -1.6, 14 27 16.9 -0.3, 14 27 16.9 -0.3, 14 23 37.9 -0.2, 14 23 37.4 -0.7, 14 27 15.9 -0.5, 14 23 36.9 -1.2, 14 23 36.8 -1.3, 14 23 51.3, 14 23 38.9 +0.5, 14 23 53.7, 14 23 48.2, 14 23 40.9 -0.6, 14 23 39.9 -2.6, 14 23 47.5 +2.8, 14 23 46.9 +1.8, 14 23 54.8, 14 23 44.2 +0.5, 14 27 26.9 -0.9, 14 23 43.6 -0.1, 14 23 30.2 +1.3, 14 23 43.4 -0.3, 14 23 43.6 -0.1, 14 23 54.5, 14 23 41.5 -2.2, 14 23 42.5 -1.3, 14 23 41.1 -2.6, 14 27 19.5 -8.4, 14 23 41.2 -2.6, 14 23 55.8, 14 23 47.4 -0.1, 14 23 45.5 -0.6, 14 23 47.0 +0.9, 14 23 58.2, 14 23 45.2 -0.9, 14 23 45.4 -1.3, 14 23 54.4, 14 23 46.8 +0.1, 14 27 32.6 -0.6, 14 23 45.9 -0.8, 14 27 33.4 +0.2, 14 23 47.1 +0.2, 14 23 46.4 -0.5, 14 23 46.0 -1.2, 14 23 55.5, 14 23 45.5 -1.7, 14 23 52.2 +2.3, 14 23 53.9 +3.3, 14 23 47.7 +1.2, 14 23 53.6 +2.7, 14 23 50.2 -0.9, 14 23 50.9 -0.9, 14 23 48.7 -1.2, 14 23 47.8 -2.0, 14 23 51.2 -0.1, 14 23 54.3 -0.1, 14 23 50.1 -2.0, 14 23 51.8 -0.8, 14 23 52.8 +0.5, 14 27 39.8 -3.7, 14 23 51.5 -0.8, 14 23 51.9 -0.4, 14 23 51.5 -0.7, 14 23 51.3 -1.3, 14 23 58.6, 14 23 50.7 -2.2, 14 23 52.6 -0.3, 14 27 39.7 -4.9, 14 23 52.3 -0.6, 14 27 44.8 +0.2, 14 23 52.3 -0.9, 14 23 56.1 -0.7, 14 23 56.1 -0.7, 14 24 00.1, 14 23 54.3 -1.0, 14 24 04.4, 14 23 53.9 -0.4, 14 27 53.1 +0.7, 14 23 53.3 -1.0, 14 27 52.2 -0.2, 14 23 54.1 -0.2, 14 23 53.4 -1.0, 14 23 53.4 -1.0, 14 23 54.5 -0.1, 14 24 01.9, 14 24 11.8, 14 24 13.3, 14 23 55.7 0.0, 14 23 55.7 0.0, 14 27 55.2 -0.4, 14 27 55.2 -0.4, 14 23 53.4 -2.5, 14 32 31.9, 14 23 57.9 +1.4, 14 27 55.8 -1.3, 14 23 58.2 +1.7

Table with columns: 121A, S, Sn, 14 27 58.3 +1.3, 21.03 355, 21.07 2, 21.08 8, 21.08 8, 21.19 120, 21.20 4, 21.23 37.9, 21.23 37.4, 21.27 15.9, 21.23 36.9, 21.23 36.8, 21.23 51.3, 21.23 38.9, 21.23 53.7, 21.23 48.2, 21.23 40.9, 21.23 39.9, 21.23 47.5, 21.23 46.9, 21.23 54.8, 21.23 44.2, 21.27 26.9, 21.23 43.6, 21.23 30.2, 21.23 43.4, 21.23 43.6, 21.23 54.5, 21.23 41.5, 21.23 42.5, 21.23 41.1, 21.27 19.5, 21.23 41.2, 21.23 55.8, 21.23 47.4, 21.23 45.5, 21.23 47.0, 21.23 46.8, 21.27 32.6, 21.23 45.9, 21.27 33.4, 21.23 47.1, 21.23 46.4, 21.23 46.0, 21.23 55.5, 21.23 45.5, 21.23 52.2, 21.23 53.9, 21.23 47.7, 21.23 53.6, 21.23 50.2, 21.23 50.9, 21.23 48.7, 21.23 47.8, 21.23 51.2, 21.27 39.8, 21.23 51.5, 21.23 51.9, 21.23 51.5, 21.23 51.3, 21.23 58.6, 21.23 50.7, 21.23 52.6, 21.27 39.7, 21.23 52.3, 21.27 44.8, 21.23 52.3, 21.23 56.1, 21.23 56.1, 21.24 00.1, 21.23 54.3, 21.24 04.4, 21.23 53.9, 21.27 53.1, 21.23 53.3, 21.27 52.2, 21.23 54.1, 21.23 53.4, 21.23 53.4, 21.23 54.5, 21.24 01.9, 21.24 11.8, 21.24 13.3, 21.23 55.7, 21.23 55.7, 21.27 55.2, 21.27 55.2, 21.23 53.4, 21.23 31.9, 21.23 57.9, 21.27 55.8, 21.23 58.2

1323

Table with columns for station ID, call letters, frequency, time, and signal strength. Includes entries like T45A Paducah, SLORE San Lorenzo, ROSC El Rosal, etc.

2017 SEP

Table with columns for station ID, call letters, frequency, time, and signal strength. Includes entries like V55A Galed, W57A Gilead, W57A Gilead, etc.

18d 14h

Table with columns for station ID, call letters, frequency, time, and signal strength. Includes entries like WUAW Wupatki, P46A Rosedale, P46A Rosedale, etc.

18d 14h

Table with columns: ID, Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Rows include stations like 048B Farmland, U15A North Rim, R55A Marlinton, etc.

2017 SEP

Table with columns: ID, Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Rows include stations like N49A Adamsville, O52A Adamsville, O52A Adamsville, etc.

1324

Table with columns: ID, Name, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR, Az, El, SNR. Rows include stations like EDW2 Chesterland, M52A Chesterland, M52A Chesterland, etc.



Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like KXSX, L02F, PKME, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like PB04, RPN, HOLB, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like SKAG, SKAG, SKAG, etc.





18d 14h

2017 SEP

1328

Table with columns: ILAR, Name, Value1, Value2, Direction, Date, Value3, Value4, Direction, Date, Value5, Value6. Includes entries like Eielson Array, Captain Cook N, San Ignacio de, Sitkinak Island, etc.

Table with columns: I23K, Name, Value1, Value2, Direction, Date, Value3, Value4, Direction, Date, Value5, Value6. Includes entries like Minto, Yukon-K, Arctic Village, Port Alsworth, Bear Paw Mtn., etc.

Table with columns: CHGN, Name, Value1, Value2, Direction, Date, Value3, Value4, Direction, Date, Value5, Value6. Includes entries like Chignik, Telida, Teitlik, Papeete2, etc.

1329

Table containing station information for call sign 1329, including call signs like GCSA, D22K, H19K, N15K, S12K, etc., with columns for frequency, power, and other technical details.

2017 SEP

Table containing station information for call sign 2017 SEP, including call signs like E18K, J14K, G16K, C19K, etc., with columns for frequency, power, and other technical details.

18d 14h

Table containing station information for call sign 18d 14h, including call signs like MTE, PCVE, PCBR, PBEJ, etc., with columns for frequency, power, and other technical details.

18d 14h

Table with columns for location, time, and status. Includes entries like Chambon-Foret, Mors, Cart, TRO, etc.

2017 SEP

Table with columns for location, time, and status. Includes entries like BFO, BFO, SGF, DEL, etc.

1330

Table with columns for location, time, and status. Includes entries like GERES, PRU, PRU, etc.



18d 14h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Contains data for stations like OPO, CHTO, CM31, CMAR, SBV, NWAQ, NWAQ, PSA00, MBWA, HYB, SBUM, MORW, MSEY, RPSI.

SJA 18 14:20:13.6:0.5,31:87S;72:55W,h25km,9km,ML3.8,MV4.0

GUC 18 14:20:19.2:0.8,31:87S;71:94W,h36km,11km,ML3.8

ISC 18 14:20:11.5:1.8,31:85S-0.03;72:47W,0.07,h11km,12km,n33,-26/66/52,3C,Off coast of central Chile

Main table section with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists numerous stations and their associated parameters.

NEIC 18 14:28:56:1.0,8,31:84S;0:02;72:2W;0.1,h10km,2km,mb4.3/3,ML3.8(GUC). Error ellipse: s-maj=16.3km s-min=3.0km,az=280.0

GUC 18 14:28:58:6.0,8,31:88S;71:91W,h35km,6km,ML3.6

ISC 18 14:28:56:0.2,5,31:85S;0:04;72:15W;0.07,h7km,17km,n49,e56/61,mb4.3/3,5C-1D,Off coast of central Chile

Continuation of the main table with station data.

2017 SEP

Main table section with columns: PEL, IAML, Time, Res, ISC. Lists stations and their parameters.

Main table section with columns: Time, Res, ISC. Lists stations and their parameters.



18d 14h

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like J30M Hart River, BRDY Brady, ABTX Abilene, etc.

2017 SEP

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like PRU Prunehone, BTNL Terrell, VSTI Sart Tilman, etc.

1334

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like PWL meloZ, H21K Melozina River, SML Sawmill, etc.

ADC 18 14:32:53.0 8.0, 51.82N; 178:55W, h0km, mb3.9/14, mbmp3.9/18, MLC3.3/4, Error ellipse: s-maj=23.1km

NEIC 18 14:32:55.8 1.1, 51.54N; 0.08:178:40W; 0.05, h14km, 4km, mb4.1/47, MLC4.3/43, Error ellipse: s-maj=11.8km

AEIC 18 14:32:55.3 1.3, 51.56N; 0.07:178:39W; 0.05, h6km, 4km, Error ellipse: s-maj=10.0, s-min=4.0km az=172.0

ISC 18 14:32:55.0 0.6, 51.67N; 0.09:178:41W; 0.02, h10km, n122, r130/119, mb4.0/23, Andeanof Islands

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Lists various stations and their coordinates.

SJA 18 14:55:16.6 0.6, 24:88S; 68:97W, h112km, 5km, MLC3.5, MWV3.5



Table with columns: ID, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like IPOC Station P, Maricunga, San Pedro de A, etc.

IDC 18 15:05:50.5-10.0, 137N-125.33E, h224km, 106km, mb3.4/4, mbtmp4.0/4, MS3.7/1, Error ellipse: s-maj=166.4km s-min=20.5km az=63.0, Northern Malajua Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Davao City (W), Warramunga Arr, Alice Springs, etc.

MEX 18 15:13:54.6-1.8, 148N-94.87W, h16km, 999km, MD4.8 IDC 18 15:13:57.0-1.7, 15.12N-94.57W, h28km, 48km, mb4.3/17, mbtmp4.4/18, ML3.9/1, Error ellipse: s-maj=23.4km

NEIC 18 15:13:57.5-1.3, 15.15N-94.07W, h150km, 0.05, h24km, 1km, mb4.8/21.1, Md4.8/23(MEX), Error ellipse: s-maj=10.9km s-min=6.7km az=196.0

ISC 18 15:13:56.7-2.5, 15.07N-105.9480W, 0.03, h28km, 18km, h504, 1848/443, mb4.8/109, 1D, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Huatulco, Arriaga, Santiago Nilte, etc.

Main table with columns: TOIG, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Toxpalan, Sabancuyo, Monterrey, etc.

Table with columns: CROK, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Carrier, West end E0370, BBAO, etc.

18d 15h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like TCRU Three Creeks R, ECSD EROS Data Cent, ECSD EROS Data Cent, EDW2 Edwards Air Fo, etc.

2017 SEP

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like N30M Aishkik Lake, BDFB Brasilia, YUK6 Outpost Mounta, etc.

1336

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BMAR Burnt Mountain, F26K Sheenjek River, F26K Sheenjek River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like D19K Kuna River, G17K Kwaiik Mouna, B20K Meade River, etc.

IDC 18 15:14:29.76.6, 19.48N, 108.74W, h0km, mb3.3/3, mbmp3.4/4, ML3.4/1, MS3.9/1, Error ellipse: s-maj=134.5km s-min=20.3km az=133.0 NEIC 18 15:14:33.92.2, 19.5N, 0.1x108.84W, 0.07, h10km, 2km, mb4.0/35, Error ellipse: s-maj=22.7km s-min=5.2km az=155.0 MEX 18 15:15:31.4.0.5, 19.19N, 104.02W, h13km, 6km, MD4.1 ISC 18 15:14:31.9.2.4, 19.5N, 0.2x108.8W, 0.2, h10km, n57, 0.596/43, mb4.0/10, 2C-ID, Revilla Gigeo Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H06E1 SOCORRO T-PHAS 2.15 252, H06N1 SOCORRO T-PHAS 1.18 255, H06S1 SOCORRO T 2.19 252, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSUT Blindstream Ca 21.09 356, YVNR Kaiserville 21.14 339, N23A Red Feather La 21.51 6, etc.

IDC 18 15:23:33.1.1.9, 23.90N, 142.18E, h0km, mb3.7/5, mbmp3.7/6, ML3.8/1, Error ellipse: s-maj=91.6km s-min=20.9km az=84.0 NEIC 18 15:23:43.9.0.3, 23.9N, 0.1x141.9E, 0.5, h79km, 15km, mb4.5/8, Error ellipse: s-maj=63.5km s-min=17.3km az=91.0 ISC 18 15:23:40.7.1.4, 23.9N, 0.1x141.9E, 0.3, h50km, n22, 0.153/16, mb4.1/8, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 23.56 95, H11N2 WAKE ISLAND Hy 23.56 95, H11N3 WAKE ISLAND Hy 23.58 95, etc.

IDC 18 15:24:31.4.3.8, 30.33S, 177.96W, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=83.0km s-min=21.5km az=116.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island 1.07 2 Pn, RAO Warramunga Arr 44.17 190, etc.

SOME 18 15:24:34.6, 43.13N, 79.52E, h15km KRNET 18 15:24:35.0.0.1, 43.12N, 79.53E, h22km, mb2.8 ISC 18 15:24:37.1.1.1, 43.12N, 0.04x79.48E, 0.05, h24km, 6km, n31, 0.135/55, 10C-6D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS Shalkode 0.04 341, SHLS Shalkode 0.04 341, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SATY Saty 0.79 266, PRZ Przewalsk 1.02 232, KURS Kuram 1.02 291, etc.

AEIC 18 15:25:18.6.1.7, 51.7N, 0.2x177.72W, 0.08, h42km, 9km, Error ellipse: s-maj=29.0km s-min=6.5km az=174.0 NEIC 18 15:25:19.2.1.4, 51.7N, 0.2x177.7W, 0.09, h17km, 17km, mb4.1/9, ML4.1/6, ML3.5/AEIC, Error ellipse: s-maj=28.4km s-min=7.4km az=174.0, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEPE Semis' Perret 1.64 280, CESW Semis' Southwe 1.69 277, CEAP Semis' Anvil P 1.69 281, etc.

SJA 18 15:35:17.5.0.6, 31.82S, 72.30W, h8km, ML3.8, MW3.6 IDC 18 15:35:19.9.1.2, 31.81S, 72.11W, h0km, mb3.6/3, mbmp3.6/5, ML4.0/2, Error ellipse: s-maj=49.5km s-min=28.9km az=79.0 NEIC 18 15:35:20.6.0.9, 31.81S, 0.04x72.17W, 0.08, h10km, 1km, mb4.3/7, ML3.7(GUC), Error ellipse: s-maj=11.9km s-min=7.2km az=282.0 GUC 18 15:35:23.4.0.7, 31.85S, 71.82W, h35km, 6km, ML3.8 ISC 18 15:35:19.4.1.6, 31.78S, 0.02x72.10W, 0.05, h2km, 10km,

18d 15h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Combarbal, El Roble, Curacav, Peidehue, etc.

2010 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Mina Casimiro, Punta Hualpin, Juan Fernandez, etc.

1338

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Zvikov, Cesky Krumlov, Berggiesshubel, etc.

1339

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like KOTS, KST, KSM, etc.

2017 SEP

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like KTBS, AML, AML, etc.

18d 15h

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORC Moravsky Berou, PSI Prapat, RPSI Rantau Prapat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OK029 Liberty Lake, HHAR Hobbs, ELIS Ellis County, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOU 18:04:10.7, AUST 18:04:11.2, etc.

Table with columns: TWE, Neicheng, 1.58 326 P, Pg, 16 12 59.9 +0.8, etc. Includes stations like TWE, SSLB, FUSB, WHYT, etc.

UCR 18 16:22:26.6e.1.3, 10.10N:86.18W, h15km, 10km, MWV3.8, 24C-4D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Lists various stations like HATIL, SACTO, NARJA, etc.

Islands Region

NEIC 18 16:25:30.3z.2.3, 20.47S:177.31W:0.09, h374km, 11km, mb4.4/2.5, Error ellipse: s-maj=16.9km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Lists stations like TAVE, DGTI, MSVF, etc.

Saint Aubin

JSA 1.98 250 Pn, RENF 2.34 221 Pn, etc. Includes stations like DOU, RCHB, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Lists stations like JKB, JNB, JMM, etc.

IDC 18 16:35:46.4e.1.3, 42.01N:141.51E, h130km, 14km, mb3.9/9, mbtmp3.7/12, Error ellipse: s-maj=20.0km s-min=14.3km

MOS 18 16:35:46.8e.1.1, 42.01N:141.55E, h144km, mb4.3/5, Error ellipse: s-maj=12.4km s-min=9.9km az=83.1

JMA 18 16:35:47.5e.0.2, 42.00N:141.3E:0.8, h126km, 1km, MW3.1/36.5 OFF TOMAKOMAI

SKHL 18 16:35:48.7e.0.3, 42.00N:141.70E, h143km, 5km, mb4.8/4, Error ellipse: s-maj=12.4km s-min=9.9km az=83.1

ISC 18 16:35:46.9e.0.8, 41.94N:141.44E:0.04, h132km, 6km, n54, c156/64, mb3.8/1.1C, Hokkaido region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Lists stations like JKB, JNB, JMM, etc.

IDC 18 16:25:29.6e.1.4, 20.61S:177.31W, h370km, 13km, mb3.4/9, mbtmp4.2/13, Error ellipse: s-maj=18.7km s-min=13.9km

NOU 18 16:25:29.9, 20.22S:177.32W, h445km, MLV4.7/6, Fiji

STR 18 16:34:45.4e.0.3, 50.14N:4.4E, h0km, MLV3.0/10, Error ellipse: s-maj=0.0km s-min=0.0km az=14.2, preliminary, France

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Lists stations like HMNX, MENF, ELSH, etc.

ILAR 18 16:35:47.1, 45.40 S, 160.35 W, h143 km, 10 km, mb3.8/1.1, Error ellipse: s-maj=12.4 km s-min=9.9 km az=83.1

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

comp=2.0,4nm,0.5s,baz=5.3,slow=7.1,SNR=13
FINES FINESS Array B 64.51 331 P P 16 46 08.9 -0.1
ASAR Alice Springs 65.64 188 P P 16 46 17.1 +0.3
VSU Vasula 66.27 329 i P 16 46 21.5 +1.2

NIED 18 16:36:00.5,31.75N:131.69E,h27km,MW3.8,Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
Mw=2.62; Ms=2.63; Mb=0.00; Mw-0.12; Mw-0.12; Mw-0.30;
Fault plane solution: Mw4.87000x10^14 NP2:
p=0.85,0.00000; s=0.77,0.00000; t=1.08,0.00000. NP2:
q=0.98,0.00000; r=0.22,0.00000; t=1.36,0.00000.
JMA 18 16:36:00.5,0.1,31.8N:0.2,-131.7E:0.5,h27km,MV3.5/40,
HYUGANADA REGION
JMA Felt I J1 at HYUGANADA REGION.
NEIC 18 16:36:01.1,1.6,31.74N:0.06,131.59E:0.07,h35km,2km,
mb4.4/14,Error ellipse: s-maj=11.0km s-min=4.6km
az=184.0
IDC 18 16:36:02.9,2.2,31.76N:131.66E,h62km,15km,mb3.6/10,
mbmp3.8/13,Error ellipse: s-maj=34.1km s-min=14.8km
az=7.0
ISC 18 16:36:00.4,0.8,31.73N:0.04,131.62E:0.04,h34km,2km,
n56, c1926/59,mb4.2/18,6D, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like JNKG, JNAR, JNZR, etc.

IDC 18 16:47:08.0,0.6,40.05N:19.93E,h0km,mb4.0/19,
mbmp3.9/30,ML3.7/9,MS3.4/5,Error ellipse:
s-maj=11.4km s-min=10.4km az=180.0
BEO 18 16:47:08.7,0.8,39.83N:19.80E,h9km,3km,ML4.0/7
MOS 18 16:47:09.9,1.2,40.05N:19.90E,h14km,mb4.4/14,Error
ellipse: s-maj=5.1km s-min=3.7km az=75.1
ROM 18 16:47:12.0,0.2,40.01N:0.01,-20.04E:0.02,h22km,1km,
ML4.0/16,Mw3.9,Error ellipse: s-maj=1.4km
s-min=1.1km az=253.0,Moment Tensor Solution.
Moment tensor: Scale 10^14Nm; Mw=3.37; Ms=2.62;
Mw-5.99; Ms-3.33; Mb=-1.42; Mw-0.68; Fault plane
solution: Mw6.37216x10^14 NP1: p=0.205,0.00000;
r=0.52,0.00000; t=0.33,0.00000. NP2: p=0.317,0.00000;
r=0.65,0.00000.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Sarande, Kerkira, Leskovik, Viora, Igoumenitsa, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Tirane, Florina, Lefkada island, etc.







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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIKI, SONM, ULAN, HHC, CMAR, I3OM, ULM, J3OM, IMAR, L27K, USRK, M29M, DHY, M19K, KSAR, KSRS, PET, LLLB, ASAR.

PRU 18 16:49:13.8, 50:21N; 18:65E, h0km
IPEC 18 16:49:13.0, 0.2, 50:22N; 18:67E, h1km, ML1.6/4, Error ellipse: s-maj=2.2km s-min=1.1km az=164.0, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OKC, OJC, MORC, MAUC, LANS, DPC, DPC, OSTC, VRAC, VRAC, KSP, UPC, KRUC, KRUC.

SJA 18 17:02:38.3, 0.8, 31:39S; 70:51W, h148km, 8km, ML3.5, MW3.8
GUC 18 17:02:41.8, 0.7, 31:86S; 71:89W, h25km, 4km, ML3.5
ISC 18 17:02:34.0, 1.7, 31:80S; 0.03:72.48W, 0.09, h13km, 1km, n38, e1511/58, SC-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO02, ROC1, CO03, CO03, CO03, MT02, VA03, VA03, VA03, VA03, PEL, PEL, CO05, MT05, MT05, MT05, GO04, MT14, MT14, MT14.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT01, MT01, MT09, MT03, MT03, FCH, MT12, MT12, MT12, MT13, MT13, BO04, BO04, CO01, CO01, LMEL, LMEL, BO01, BO01, ARCO, ARCO, LCO, LCO, BO02, BO02, BO02, AAGR, RTLL, AVIZ, AVIZ.

NIED 18 17:05:54.4, 37:22N; 141:10E, h24km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 1014Nm; Mm-1.75; Mm2.52; Mm3-0.77; Mm1.87; Mm0.59; Mer1.93; Fault plane solution: M3.54000x1014 NP1: eaz=22.0000; s3:0.0000; l:15.0000; NP2: e:110.0000; s:830.0000; l:-36.0000

JMA 18 17:05:54.4, 0.1, 37:22N; 0.2:141:1E; 0.5, h24km, MV3.9/40, E OFF FUKUSHIMA PREF

JMA Felt II J1 at E OFF FUKUSHIMA PREF
ISC 18 17:05:53.4, 1.6, 37:22N; 0.04:141:18E; 0.08, h17km, 9km, n16, e109/26, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK, JFK, ONAJ, ONAJ, JFMD, JFMD, JFMD, JMM, JMM, JMM, JOTO, JOTO, JOTO, JSH, JSH, JSH, JFY, JFY, JFY, JOU, JOU, JOU, JSJO, JSJO, JSJO, JGF, JGF, INU, INU, JHJ2, JHJ2.

IDC 18 17:12:32.5, 3.6, 11:92N; 143:99E, h44km, 36km, mb3.6/7, mbmp3.8/7, Error ellipse: s-maj=47.1km s-min=23.7km

ISC 18 17:12:30.6, 1.2, 11:93N; 0.2:143:9E; 0.2, h26km, n8, e040/9, mb3.77, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, WRA, WRA, SONM, MKAR, KURBE, ILAR, BVAR, ARCES.

NEIC 18 17:21:18.9, 1.1, 40:702N; 0:009:111:61W; 0:01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=1.8km az=279.0

UUSS 18 17:21:18.5, 0.4, 40:701N; 0:007:111:61W; 0:02, h11km, 9km, ML3.3/22, ML3.2/132(NEIC), Error ellipse: s-maj=1.7km s-min=1.1km az=95.0, Utah

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTU, CTU, AAU, MHD, GBU, RBU, EOCU, HRU, CAPU, HTU, WTU, FPU, NOQ, TCUT, TCUT, TCUT.

18d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCUT, CWU, SAU, WBC, O16A, LHUT, NAIU, WMUT, BSUT, BSUT, MPU, MPU, MPU, SNUU, MCUC, SUU, NLU, NLU, BCUT, SPUT, SPUT, SPUT, HWUT, HWUT, HWUT, EPU, WWUT, LTU, DUG, DUG, DUG, EMUT, BGU, BGU, ARGU, PTU, MLI, FLU, HAN, HAN, HAN, ROA, BCE, TMUT, TMUT, P18A, P18A, P18A, RDMU, RDMU, RDMU, NPI, FSU, SRU, SRU, SRU, ID07, ID07, ID07, AHID, ID08, ID08, MVU, ECR, BW06, BW06, BW06, PD31, PDAR, MTPU, SPR3, REDW, ELK, PSUT, PSUT, PSUT, TPWA, TPWA, TPWA, HMU, FXYW, LOHW, LOHW, LOHW, MOOW, PKCU, PKCU, PKCU, SZCU, SZCU, SZCU, CCUT, FLWY, FLWY, FLWY, RWY, HLD, H17A, H17A, H17A, H17A, KNB, SMC, LCMT, LCMT, YHH, MFID, MFID, PRN, PRN, PRN, MVCO, KZZA, BMY, U15A.

18d 17h

Table with columns: U15A, comp=N,22nm,0.5s, IAML, 17 23 37.2, etc. Lists various station data for the 18d 17h period.

MEX 18 17:25:42.1±0.8, 15:84N:95:23W, h20km, MD4.5
NEIC 18 17:25:44.3±2.1, 16:1N:0.1:94.84W±0.08, h41km±18km,
mb4.2/77, Md4.5/15(MEX), Error ellipse: s-maj=20.4km
s-min=10.5km az=193.0
IDC 18 17:25:48.0±0.6, 16:21N:94:77W, h78km±56km, mb3.5/4,
mbmp3.8/5, ML5.4/1, MS3.6/5, Error ellipse: s-maj=80.1km
s-min=33.6km az=5-0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station data for the 18d 17h period.

2017 SEP

Main table with columns: LOOK, Love County, 18.17 355, Pn, Iamb, 17 29 48.4 -1.8, etc. Lists station data for the 2017 SEP period.

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Table with columns: KASA, Kassioipi, 0.41 180, P, S, Pg, 17 44 16.0 -0.3, etc. Lists station data for the 1346 period.

IDC 18 17:47:37.5±42.0, 63:85N:147:65W, h0km, Error
ellipse: s-maj=180.4km s-min=28.3km az=176.0, Central
Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station data for the IDC 18 17:47:37.5±42.0 period.

NEIC 18 17:38.7±1.7, 15:7N:0.1:95:28W±0.05, h40km±14km,
mb4.3/71, Md4.6/7(MEX), Error ellipse: s-maj=18.2km
s-min=6.9km az=190.0
IDC 18 17:49:38.3±1.1, 15:90N:95:08W, h0km, mb3.9/9,
mbmp3.9/10, ML3.2/1, MS3.7/29, Error ellipse:
s-maj=34.5km s-min=19.9km az=49.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station data for the 1346 period.

Table with columns: ALPN, FW13, SGCY, FW07, ABTX, FW06, FW03, 425A, PECS, Z41A, ODSA, SN01, APMT, POST, WFTS, LOOK, MMTX, DKNS, X37A, MIAR, WMOK, MSTX, AMTX, DEOK, OK029, OK029, OK033, OK033, HHAAR, HHAAR, U38A, OK048, CROK, DUN6, NOKA, T35A, OK032, LEMN, MGMO, MGMO, T42A, ANMO, ANMO, TUC, S39A, T25A, ROSC, X16A, SDCO, P40A, P40A, 113A, MWCO, MWCO, SDV, PV01, PV11, PV04, PV14, PV14, HMU, HMU, PFO, SJG, ATAH, PDAR, PDAR, ELK, NVAR, NVAR, NVAR, NVAR, NNA, YBH, LEW, NPZ, MDP, BBB. Each row contains station name, frequency, mode, and coordinates.

Table with columns: RP, LVC, SIV, YKA, M29M, M29M, CPUP, BDFB, INK, SFJD, ILAR, ILAR, PLCA, PLCA, EKA, ESDC, NOA, NOA, SEY, TIXI, WSAR, WSAR, MEX, ISC, Code, Station Name, Az, Phase, ID, Time, Res. Includes various stations and their frequencies, modes, and coordinates.

Table with columns: ARG, ARG, DALY, DALY, SMG, SMG, SMG, SMG, TAVA, TAVA, IKRA, IKRA, DGB, DGB, DNIZ, DNIZ, CAME, CAME, CAEL, CAEL, IZZE, IZZE, APMY, APMY, BLCB, BLCB, ZEVE, ZEVE, ZEYU, ZEYU, GOLH, GOLH, URLA, URLA, URLA, URLA, APE, APE, APE, APE, MANT, MANT, AKAS, AKAS, AKAS, AKAS, KULA, KULA, KULA, KULA, GOMA, GOMA, ELL, ELL, RFTS, RFTS, CHOS, CHOS, CHOS, CHOS, AKA, AKA, PASA, PASA, USAK, USAK, RFT7, RFT7, ZKR, ZKR, ZKR, ZKR, DKL, DKL, PRK, PRK, SGR, SGR, SGR, SGR, SGR, SGR, BRRR, BRRR, GEM, GEM, NATI, NATI, HMDT, HMDT, KZIT, KZIT, HRFI, HRFI, EIL, EIL, TORI, TORI, MKAR, MKAR, MEX, IDC, Code, Station Name, Az, Phase, ID, Time, Res. Includes various stations and their frequencies, modes, and coordinates.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like IAML, CGX, CCX, CCY, CCZ, etc.

18d 18:24:51.61, 4.2, 42.03N, 33.67E, h0km, mbtmp3.3/4, ML3.2/4, Error ellipse: s-maj=34.9km s-min=9.7km

DDA 18:24:53.50, 0.1, 41.82N, 33.56E, h12km, 2km, ML2.7

ISC 18:24:51.7, 1.2, 41.98N, 0.04, 33.68E, 0.02, h16km, 10km, n47, c154577, 15C-15D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SEVI, CIDE, CIDY, CMON, BOYA, ILGA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like TIRR, TIRF, TCLR, TPCR, etc.

WEL 18:19:21:37.6, 0.8, 38.5, 5, 17.7E, h41km, 8km, M3.0/49, ML3.6/15, MLV3.0/49, Error ellipse: s-maj=0.0km s-min=0.0km az=24.6, confirmed, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Urewera, Matawai, Rawiri, Ruatuhuna, MUGZ, Edgcombe, Shannon Station, Raukumara Rang, etc.

NOU 18:19:24:10.5, 40.22S, 144.70E, h0km, MLV4.2/10, Bass Strait, Australia

AUST 18:19:24:12.4, 1.5, 40.07S, 144.65E, h10km, Error ellipse: s-maj=20.2km s-min=9.6km az=52.0

ISC 18:19:24:16.1, 8.0, 39.49S, 144.12E, h0km, mb3.2/1, mbtmp3.2, ML3.0/1, Error ellipse: s-maj=25.7, 3km s-min=52.6km az=81.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like AURSC, GEXS, Deakin University, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like AUMTC, BRAT, TOO, TOO, GLAD, etc.

RSNC 18:19:34:17.4, 1.5, 6.80N, 73.12W, h141km, 6km, ML3.2, Mw3.7

IDC 18:19:34:19.8, 6.0, 6.51N, 73.41W, h184km, 38km, mb2.5/1, mbtmp3.0/1, Error ellipse: s-maj=11.0, 1.1km s-min=44.7km

ISC 18:19:34:15.4, 1.1, 6.83N, 0.03, 73.10W, 0.04, h151km, 7km, n35, c1552/63, 2C-3D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BARC, BARB, PAMC, PAMF, BRRC, BRRC, RUSC, RUSC, RUSC, etc.



18d 19h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like MSTX Muleshoe, Z51A Franklin, Y49A Blount Mountain, etc.

2017 SEP

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like S39A Iamb Iamb, CGM3 Cape Girardeau, S39A Iamb Iamb, etc.

1350

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like ISCO Idaho Springs, BGNE Belgrade, IRM Iron Mountain, etc.



1351

Table with columns for station ID, name, frequency, and other details. Includes stations like GLMI Grayling, NV11 Mina Array Sit, MDPB Devils Postail, etc.

2017 SEP

Table with columns for station ID, name, frequency, and other details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

18d 19h

Table with columns for station ID, name, frequency, and other details. Includes stations like EYAK Cordova Ski Ar, N25K Chitina, N25K Chitina, etc.

18d 19h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like G25K Bearman Lake, TRF Thorofare Moun, NEA2 Nenana, etc.

2017 SEP

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like SUMG Summit, D20K Etlivuk River, H17K Granite Moun, etc.

1352

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like VIVF Saint-Julien-I, HAU Haudrompe, BSEB Bad Segeberg, etc.

Table with columns: WRA, WRA, WRA, ASAR, ASAR, PZH, CMAR. Includes station names, coordinates, and various codes.

TIF 18:55:05.5, 40.97N, 147.72E, h30km, 1km
MOS 18:55:06.5, 40.41, 127N, 147.51E, h9km, MPVA3.9
DFS 18:55:07.7, 40.41, 181N, 147.52E, h16km
ISO 18:55:06.3, 1, 41, 161N, 0.0, 47, 53E, 0.03, h11km, 10km, n25, c107/49, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AKT, AKU, KSMR, VSHL, etc.

DDA 18:20:01:05.8, 0.0, 36.91N, 27.57E, h7km, 1km, MLI.3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DAT, BDRM, AYDN, etc.

ICC 18:20:08:41.7, 5.2, 33.43N, 141.22E, h0km, mb3.4/2, mbtmp3.3/3, ML2.3/1, Error ellipse: s-maj=187.8km s-min=27.5km az=66.0

JMA 18:20:08:47.9, 0.2, 33.61N, 0.6, 14.1E, h42km, MV3.0/21, E OFF HACHIOJIMA ISLAND

ISC 18:20:08:48.0, 2.0, 33.51N, 0.0, 6.141E, 0.1, h50km, 23km, n17, c954/20, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BSO1, JHJ2, JHJ3, etc.

H1N2 WAKE ISLAND Hy 26.74 114 T T 20 42 39.2

H1N1 WAKE ISLAND Hy 26.74 114 T T 20 42 39.2

H1N3 WAKE ISLAND Hy 26.74 114 T T 20 42 39.2

WRA Warramunga Arr 53.54 188 P P 20 18 03.6 -0.1

ASAR Alice Springs 57.27 188 P P 20 18 30.6 0.0

ICC 18:20:14:59.7, 5.4, 22.94S, 177.76W, h0km, mb3.8/2, mbtmp3.8/2, MS3.9/1, Error ellipse: s-maj=302.1km s-min=57.9km az=155.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SKA, ASAR, WRA, BRTR, MMAI, etc.

ICC 18:20:21:12.3, 1.6, 48.98S, 68.71E, h0km, mb3.6/3, mbtmp3.7/4, ML4.2/1, Error ellipse: s-maj=47.0km s-min=35.4km az=159.0, Keruelen Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like H04S1, H04S2, H04S3, etc.

Table with columns: H04S2, H04S3, H04N2, H04N3, H04N1, MAW, MAW, ASAR, WRA, TORD. Includes station names, coordinates, and various codes.

MEX 18:20:37:27.5, 0.3, 15.35N, 95.52W, h12km, 19km, MD4.0, Near coast of Oaxaca

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

NNC 18:20:43:03.5, 3.7, 44.05N, 83.52E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=31.3km s-min=13.7km az=127.0

SOME 18:20:43:10.3, 44.07N, 83.30E, h20km, Error ellipse: s-maj=31.3km s-min=13.7km az=127.0

ISC 18:20:43:10.4, 30.0, 44.1N, 1.8, 44.1E, h35km, n6, c0915/4, 3C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DJR, DJR, MK31, etc.

IDC 18:20:44:25.3, 3.5, 55.26N, 160.56W, h0km, mb3.9/8, mbtmp3.8/9, ML2.4/1, Error ellipse: s-maj=88.6km s-min=23.2km az=142.0

NEIC 18:20:44:48.3, 1.4, 56.01N, 0.08, 160.5W, 0.1, h15km, 6km, Error ellipse: s-maj=13.3km s-min=6.2km az=152.0

AEIC 18:20:44:50.1, 1.8, 56.00N, 0.08, 160.5W, 0.1, h143km, 6km, ML3.1, ML3.5/28(NEIC), Error ellipse: s-maj=13.0km s-min=6.8km az=150.0

ISC 18:20:44:47.8, 0.8, 55.99N, 0.07, 160.42W, 0.05, h155km, 6km, n81, c09189, mb3.8, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VNWV, S14K, VNF0, etc.

Table with columns: O14K, P16K, CNTC, ANK, SII, AKUT, AKUT, OHAK, KDAK, KDAK, KDAK, Q19K, O18K, SYI, SYI, N18K, N18K, SVW2, N19K, CNPM, M19K, L19K, M20K, SUIA, SKT, RC01, PWL, GHO, GLI, GML, HIN, FID, SCM, KLU, RAGM, M24K, HMT, DHT, BERG, N25K, GLB, CRQM, YAH, GRNC, ILAR, ILAR, O29M, SONM, FINES, KURBB, NB2, NOA, BVAR, HFS, EKA, AKASO. Includes station names, coordinates, and various codes.

SJA 18:20:44:54.0, 0.6, 30.36S, 72.22W, h9km, ML3.8, MV3.6

GUC 18:20:44:57.9, 0.7, 30.37S, 72.09W, h28km, 7km, ML4.1

NEIC 18:20:44:57.7, 1.2, 30.34S, 0.05, 72.11W, 0.05, h17km, 9km, mb4.4/1, ML4.1(GUC), Error ellipse: s-maj=7.4km s-min=6.8km az=202.0

ISC 18:20:44:54.1, 4.1, 8.30, 33S, 0.03, 72.20W, 0.06, h2km, n73, c1931/1, 1C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CO05, CO04, CO04, CO04, CO02, CO02, CO02, CO03, CO03, CO03, CO03, LCO, LCO, LCO, LCO, CO01, CO01, CO01, CO01, AC05, AC04, AC04, AC04, AC04, AC01, AC01, AC01, DOCA, VAO3, VAO3, VAO3, ROCH, ROCH, ROCH, ROCH, R17K, O15K. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MT02 Curacav, PEL Peldehue, MT05 Renca, VA05 Santo Domingo, etc.

IDC 18 20:57:07.4±0.5, 52°79'S±4.1°51'W, h0km, mb4.1/8, mbmp4.2/9, ML3.7/1, MS3.9/30, Error ellipse: s-maj=27.6km s-min=19.5km az=60.0

NEIC 18 20:57:09.3±1.1, 52°83'S±0.0°74'W±0.2, h10km, 1km, mb4.7/39, Error ellipse: s-maj=21.7km s-min=11.4km az=80.0

GCMT 18 20:57:12.3±0.4, 52°97'S±0.0°84'W±0.03, h15km, MW4.8/74, Moment Tensor Solution, s14,c15, s74,c95; Duration: 0 Moment tensor: Scale 10^16Nm; Mr0.25±.11; Mw±0.22±.10; Mm±1.97±.08; Mm0.16±.36; Mw±0.26±.09; Mm±0.39±.34; Best double couple: M02, 1.5800±0.16 NP1±0.131.00000±, s84.00000±, 1.169.00000±. NP2: q±2.00000±, s79.00000±, 7.00000±. Principal axes: T 2.0720, Plg12.0000±, Azm86.0000±; N 0.1730, Plg77.0000±, Azm281.0000±; P -2.2440, Plg3.0000±, Azm177.0000±; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 18 20:57:09.2±0.5, 52°83'S±0.08±4.7W±0.1, h10km, n81, ±082/54, mb4.6/23, MS3.8/29, 5C, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include VN1 Neumayer-Stat, VN2 Neumayer-Watz, VN3 Neumayer Olymp, SNA5 Sanae, SNA6 Sanae, TROLL Troll, BELA Belgrano 2, SUR Sutherland, BOSA Boshof, MAW Mawson, H4S2 CROZET ISLANDS, H4S3 CROZET ISLANDS, H4S4 CROZET ISLANDS, TSUM Tsumeb, PLTB Pedras Altas, LLO2 Patafue, PLCA Paso Flores, LSZ Lusaka, CPUP CPUP, CPUP CPUP

Table with columns: CPUP, LR, LR, 21 25 13.1. Rows include SBA Scott Base, BO04 La Puntta, BO01 Tunca, VNDA Vanda, CFA Coronel Fontan, MT03 Universidad Ad, MT01 Popeta, BDFB Brasilia, AC02 Maricunga, AC06 Mina Casimiro, AC02 Kowia, MDP Montagnes des, ATAH Athaaba, MCRA Macra, H01W1 Cape Leeuwin, BOSC San Juan Bosco, COHC Cochanchay, OTAV Otavalo, ROSC El Rosal, SDV Santo Domingo, RPZ Reta Peaks, MPZ Midelt, SJG San Juan, EIL Elat, STKA Stephens Creek, ESCD Sonseca Array, DAVOX Davos/Dischmat, PDAR Pinedale Array, ILAR Eielson Array, KSRK Korea Array, SONM Songoing Array, WRA Warrunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoe Array, FINES FINES Array B

IDC 18 21:07:23.7±0.0, 22°02'N±143°17'E, h311km±89km, mb3.1/8, mbmp3.8/8, Error ellipse: s-maj=132.8km s-min=19.5km az=7.0

ISC 18 21:07:22.5±1.1, 22°00'N±0.3±143°2E±0.8, h300km, n8, ±040/8, mb3.3/7, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KSRK Korea Array, SONM Songoing Array, WRA Warrunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoe Array, FINES FINES Array B

IDC 18 21:16:03.6±2.9, 16°86'N±93°84'W, h0km, mb3.7/5, mbmp3.7/6, ML3.8/1, MS3.1/5, Error ellipse: s-maj=97.5km s-min=26.3km az=37.0

MEX 18 21:16:05.0±0.5, 15°77'N±95°01'W, h26km±12km, MD4.5 ISC 18 21:16:03.1±1.1, 15°75'N±0°07'95.02W±0.03, h43km±14km, n25, ±1957/28, mb3.5/5, MS3.1/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include NILT Santiago Nilte, HUIG Hualtulco, PANG Puerto Angel, MINA Array Bea, PEIG Puerto Escondido, VHO Vista Hermosa, VOIG Yosondúa, PATR El Naranjo, PATR Pavencu, CHUJ Union Juarez, TXAR Lajitas Array, CBOC Ciudad Bolivar, GUYC Guyana, NORC Norcasia, ORTC Ortega, Tolima, ROSC El Rosal, RUSC La Rusia, ELK Elko, NVAR Ninas Array Bea, SADO Sadowa, YBH Yreka Blue Hor, ILAR Elsie Array, EKA Eskdalemuir Arr, ESCD Sonseca Array, NOA NORSAR Array B

SOME 18 21:29:44.2, 43°28'N±85°07'E, h15km, NNC 18 21:29:49.4±4.8, 43°57'N±85°41'E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=38.5km s-min=21.3km az=129.0

ISC 18 21:29:48.4±6.4, 43°49'N±0.2±85°0E±0.2, h10km, n9, ±192/19, 5C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include MK31 Makanchi Array, MK31 Samuel, ZSN Zaisan, ZSN Zaisan, MAKZ Makanchi, MAKZ Makanchi, PDGK Podgornoye, PDGK Podgornoye, SHLS Shalkoe, SHLS Shalkoe, KNOS Knyrien, KNOS Knyrien, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek

IDC 18 21:59:25.9±2.7, 8°45'N±114°36'E, h0km, mb3.4/3, mbmp3.4/3, MS2.8/1, Error ellipse: s-maj=151.0km s-min=28.1km az=48.0, Bali region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include BATI Baumata, WRA Warrunga Arr, ASAR Alice Springs, MKAR Makanchi Array

PRE 18 22:05:47.3±1.0, 24°75'S±27°26'E, h2km, ML1.7, 1C-1D, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include NHAM Northam, Northam, NYAT Nyati, NYAT Nyathwe, NYAT Nyathwe, MTAB Matlabas, LEPH Lephalale, LEPH Lephalale, LEPH Lephalale, KSR Koster, RUST Rust De Winter, RUST Rust De Winter, LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, SWZ Schweizer

Table with columns: SWZ, SWZ, PILG, PILG, PILG, MPHEP, MPHEP, MUSN, MUSN, MUSN, SNKL, SNKL, SNKL, MOPA, MOPA, BOS, BOS, BOS, BOS, BOS, BOS, BOS, BOS, UPI, UPI, UPI, BRK, BRK, BRK

IDC 1822:13:26.8-0.9, 15:18N:94.61W, h0km, mb4.0/12, mbmp4.0/13, ML3.4/1, MS3.1/4, Error ellipse: s-maj=29.1km s-min=15.8km az=58.0

MEX 1822:13:30.7-0.6, 15:27N:94.80W, h15km, 26km, MD4.3, NEIC 1822:13:30.9-1.5, 15:22N:1:94.76W, h27km, 7km, mb4.3/80, MD4.3/12(MEX), Error ellipse: s-maj=15.6km s-min=8.2km az=196.0

ISC 1822:13:27.0-0.6, 15:18N:0.06-94.79W, 0.04, h10km, n142, n152/135, mb4.3/26, MS3.4/14, Near coast of Oaxaca

Main table for station 1355, listing station names, codes, and various parameters like time, resonance, and amplitude.

Main table for station 2017 SEP, listing station names, codes, and various parameters like time, resonance, and amplitude.

Main table for station 18d 22h, listing station names, codes, and various parameters like time, resonance, and amplitude.

18d 22h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include BCAR, M29M, S31K, N30M, M30M, I28M, J30M, H29M, I30M, G29M, H31M, MIMPY.

18d 22:21:40.1±1.3, 9.42S; 125.05E, h0km, mb3.6/4, mbmp3.8/6, ML4.1/2, MS3.2/5, Error ellipse: s-maj=34.5km s-min=26.0km az=83.0

Main table for 18d 22h section, listing various stations and their associated data points.

SJA 18 22:22:13.8±0.6, 24.12S; 67.10W, h201km, 6km, ML3.7, MW3.5

Table for 18d 22h section, listing stations like AF01, HJA, LVC, PB15, etc.

2017 SEP

Main table for 2017 SEP section, listing stations like PB04, PB07, AC01, etc.

18d 22:28:04.9±2.1, 46.56N; 150.72E, h0km, mb3.8/12, mbmp3.8/13, ML3.0/1, Error ellipse: s-maj=63.4km s-min=20.9km az=0.0

Table for 2017 SEP section, listing stations like KUR, KUR, KUR, etc.

1356

Main table for 1356 section, listing stations like H11N2, H11N1, H11N3, etc.

SJA 18 22:46:36.3±0.6, 32.42S; 72.43W, h13km, ML3.6, MW3.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAL, AAGR, ZON, AROD, RTLO, CFA, LCO, RFA, AVFE, ACHE, G003, MRA, MFA, MRA, AC01, CYA, AHML, FSA.

IDC 18 23:26:30.2, 0.9, 28.73S; 177.76W, h120km, mb3.2/3, mbmp3.7/4, Error ellipse: s-maj=41.4km s-min=30.9km az=154.0

ISC 18 23:26:30.7, 0.9, 28.55S; 0.1x177.9W, 0.2, h100km, n11, 0.185/11, mb3.6/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RAO, MSFV, ASAR, WRA, PDAR, FINES, NOA, HFS, AKASG, MMAI, BRTR.

IDC 18 23:41:40.5, 1.5, 25.78N-89.78E, h0km, mb3.6/6, mbmp3.6/6, MS3.6/1, Error ellipse: s-maj=117.5km s-min=20.4km az=57.0, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MKAR, KURBS, MJAR, HFS, NOA, WRA, ASAR.

IDC 18 23:52:14.9, 1.6, 44.45N; 105.64W, h0km, mbmp3.1/2, ML1.8/1, Error ellipse: s-maj=55.1km s-min=10.0km az=144.0

NEIC 18 23:52:14.7, 1.1, 44.44N; 0.04x105.46W; 0.0, h0km, 2km, ML2.8/42, Error ellipse: s-maj=10.9km s-min=3.9km az=232.0

ISC 18 23:52:14.2, 1.1, 44.448N; 0.05x105.36W; 0.06, h0km, n22, 0.183/19, Wyoming

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RSSD, K2ZA, LAO, RLMT, RWWY, PHWY, YMP, PD31, PDAR, PDAR, PDAR, BW06, N23A, N23A, LOHW, YHH, BRIGG, DGMT, DGMT, YHL, YHL, ID10.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AHID, SMCO, ILOCA, ULM.

IDC 19 00:26:01.5, 1.1, 14.16N; 93.05E, h0km, mb3.5/6, mbmp3.5/7, ML4.1/1, MS2.9/3, Error ellipse: s-maj=42.2km s-min=21.7km az=50.0

ISC 19 00:26:06.7, 1.0, 14.33N; 0.1x93.1E; 0.1, h35km, n21, 0.079/14, mb3.6/3, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, CMAR, JIRN, PKI, PKIN, GKN, DAN, PYUN, H08S3, H08S2, H08S1, AAK, MKAR, KURBS, JNU, WRA, ASAR, BRTR, H04N2, H04N1, H04N3, TORDI, ASAR.

TRN 19 00:33:45.0, 10.71N; 62.38W, h88km, MD3.5 FUNV 19 00:33:46.6, 10.51N; 62.37W, h19km, MW3.3

ISC 19 00:33:45.3, 1.4, 10.72N; 0.06x62.42W; 0.04, h75km, n17km, n13, 0.117/25, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CRUV, TRN, TPP, GRGR, GRW, TOSP, GCMP, PCRV, PRGV, MERV, BENV, BENV, BAUV, BAUV.

NOU 19 00:36:10.4, 20.96S; 176.14W, h243km, mb4.5/9, Fiji Islands Region

IDC 19 00:36:14.6, 2.2, 21.16S; 176.70W, h236km, 19km, mb3.4/10, mbmp4.0/11, Error ellipse: s-maj=20.1km s-min=15.7km az=126.0

ISC 19 00:36:09.5, 0.5, 21.31S; 0.06x176.42W; 0.08, h200km, n108, 0.125/110, mb3.8/13, 11C-16D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LKBA, DGTI, MSFV, MSFV, NIUE, RAO, AFI, DZM, WMGZ, WSRZ, WIAZ, HAZ, MKZ, TWGZ, MWZ, URZ, URZ, TOZ, NMHZ, HIZ, HIZ, BKZ, OTVZ, KWHZ, SNVZ, WHZ, BFZ, STKA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, ASAR, WRA, WRA, VNSA, VNSA, VNSA, MAW, TXAR, TROLL, TROLL, SNAE, SNAE, SNAE, VNA3, VNA2, VNA1, PDAR, ILAR, ZALV, MKAR, KURBS, BURB, BOS, ARU, AKTO, ARCES, HFS, AKASG, EKA, SORM, MILM, ASF, BRTR, BURAR, BIZ, CFR, KSP, DOPR, OSTO, CLL, CLL.

OSPL 19 00:39:15.9, 0.5, 19.66N; 75.52W, h29km, 793km, ML2.3 SSNC 19 00:39:16.2, 0.8, 19.66N; 75.53W, h29km, 7km, MD3.1, ML2.7, MW2.9

ISC 19 00:39:11.4, 1.5, 19.63N; 0.07x75.55W; 0.04, h15km, n12km, n13, 0.079/21, 3D, Cuba region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RCC, GTBY, GTBY, DAVA, ABTA, ESDC, TORD, TORD, OSPL, SSNC, RCC, GTBY, DAVA, ABTA, ESDC, TORD, TORD, OSPL, SSNC, RCC, GTBY, DAVA, ABTA, ESDC, TORD, TORD, OSPL, SSNC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MASC, LMGC, GMW, STH, MTDJ, PCJ, etc.

NEIC 19 01:12:10.4:0.9,41:275N:0:009;-111:72W:0:02, h10km,2km, Error ellipse: s-maj=3.0km s-min=2.0km

UUSS 19 01:12:10.2:0.9,41:274N:0:010;-111:72W:0:03, h13km,4km,ML2.7/19,ML2.8/98(NEIC), Error ellipse: s-maj=2.8km s-min=1.4km az=82.0, Utah

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBC, WDC, MCV, FPU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Q16A, MW, LOHW, MOOK, etc.

MEX 19 01:23:22.6:0.5, 15:42N:94:59W, h16km,12km,MD4.4, IDC 19 01:23:23.6:3.4, 15:42N:94:35W, h47km,28km,mb3.6/10, mbtmp3.8/12,ML3.6/2,MS3.3/8, Error ellipse: s-maj=3.4km s-min=1.9km az=35.0

NEIC 19 01:23:23.3:1.8, 15:31N:0:07:94:60W:0:05, h35km,2km, mb4.3/5/1,MD4.4/15(MEX), Error ellipse: s-maj=12.6km

ISC 19 01:23:22.3:0.6, 15:31N:0:06:94:57W:0:03, h40km, n102, r159/107,mb4.3/27,MS3.4/7, Near east coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARRI, NILL, PCIG, etc.

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FNO, AMTX, FCAR, etc.

IDC 19 02:02:19.1:2.1,34:33S:179:44E, h0km, mb3.6/2, mbtmp3.6/2, Error ellipse: s-maj=82.9km s-min=49.0km az=8.0

NOU 19 02:02:48.6:35.86S:178:56E, h197km,MLV4.1/7, Off E. Coast of N. Island, N.Z.

ISC 19 02:02:46.6:1.8,35.7S:0:2:178:6E:0:2, h200km,n11, r1503/11, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ, KUZ, URZ, etc.

IDC 19 02:15:11.3:4.1, 35:66N:140:41E, h57km,30km,mb3.4/3, s-min=8.6km az=65.0

JMA 19 02:15:12:5:0.2,35:7N:0:6:140:1E:0:9, h66km,2km, mb2.9/3/9,NORTH ISLAND, CHIAA PFR

ISC 19 02:15:13.3:1.0,35.83N:0:04:140:1E:0:05, h72km,7km, n24, r1512/29,mb3.5/3, Near east coast of eastern Honshu



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOKYO, BOSO, ODAWARA 2, ASHIKAGA, RYOGAMI SAN, OSHIMA 3, BOSO 1, FUJINAKANO, SHIMOB, KATASHINA, IZUSHIMODA, MATSUHIRO ARR, HACHIOJI JIMA 2, WAKE ISLAND Hy 28.41 117, WAKE ISLAND Hy 28.41 117, WAKE ISLAND Hy 28.41 117, WAKE ISLAND Hy 29.05 119, WAKE ISLAND Hy 29.05 119, WAKE ISLAND Hy 29.05 119, MAKANCHI ARRAY 49.38 303, KURBB KURCHATOV ARR 46.04 309, WARRAMUNGA ARR 55.53 187.

SFS 19 02:20:39.8, 35.68N, 3.68W, h0km, ML2.4/7, ML2.5/7, MLV2.4/7
MDD 19 02:20:40.2, 0.6, 35.70N, 3.70W, h0km, mb\_Lg2.1/7, Error ellipse: s-maj=5.1km s-min=4.2km az=119.0
CNRM 19 02:20:40.6, 35.65N, 3.53W, h23km, m1.9
ISC 19 02:20:39.3, 1.1, 35.69N, 0.02, 3.62W, 0.03, h16km, 9km, n22, c089/40, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EALB Alboran, PALE Pailemas, WNEIL Meiliia, GOG Mont Gurugu, ELGU Los Guajares, EMAL Malaga-Limoner, EMIJ Mijas, EBER Berja, EBER Berja, SMIR Smir Dam, EGOR Sierra Gorda, EGOR Sierra Gorda, EQTA Presa de Quent, JBK JBK, EQES Quesada, IFR Ifrane, MD31 MD31, MDT Midelt, ETOB Tobarra.

TIF 19 02:21:47.7, 43.75N, 45.65E, h92km, 4km
NORS 19 02:21:47.5, 0.0, 43.47N, 45.52E, h133km, 2km, MPVA3.7
MOS 19 02:21:47.5, 0.0, 43.53N, 45.52E, h137km, 2km, MPVA3.7
DRS 19 02:21:50.5, 0.0, 44.11N, 44.77E, h36km
ISC 19 02:21:49.1, 1.5, 43.55N, 0.05, 45.48E, 0.03, h131km, 7km, n53, c122/103, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GROG Groznyy, TRKR Terskaya, KMGR Komgaron, BTKR Batakoyurt, DVE Vedeno, VLKR Vladikavkaz, PRTR Priterechnaya, SHTL Shatili, SHTL Shatili, DLMR Dylm, BTLR Botlikh, STDR Stadv-Durt, MTEO Meteo, DBC Dubki, LACR Lac, LACR Lac, KORR Kora, KORR Lesken, KRNR Karanay, UNCR Uncukul, CHRG Chargali.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCK Nalchik, ZEI Tsey, BUJR Buynaks, ARKR Arakani, KBCT Kuba-Taba, GNRB Gunib, MAK Makhachkala, PYA1 Pyatigorsk, LGD Lagodekhi, LGD Lagodekhi, KMKR Kumukh, KBZ Khabaz, ALIG Mtskhetsiavari, BEYR Belyy Ugol, SHA1 Shidzhatmaz, KIV Kislovodsk, DDFL Dedoflistskaro, TKB Tkibuli, TRLG Trialeti, DMNI Dmanisi, VSHL Vashlovani, DRN Derbent, AKT Akhty, ABS Abastumani, ABS Abastumani, ARXR Arkhyz, ANRI Garni, GUZR Guzeripl'.

PRU 19 02:25:51.1, 50.16N, 19.10E, h0km
IPEC 19 02:25:50.4, 0.2, 50.16N, 19.09E, h1km, ML1.5/4, Error ellipse: s-maj=2.5km s-min=1.0km az=166.0, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJC Ojcow, OKC Ostrava-Krasno, LANS Liptovska Anna, LANS Liptovska Anna, MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, NIE Niedzica, MAUC Maruska, STHS Stebnicka Huta, STHS Stebnicka Huta, STHS Stebnicka Huta, YVKA Velka Javorina, YVKA Velka Javorina, YVHS Vyhne, DPC Dobruska-Polom, VRAC Vranov, VRAC Vranov, VRAC Vranov, OSTC Ostas, CHVC Chvalec, KRUC Moravsky, KRUC Moravsky, KRUC Moravsky, KHC Kasperske Hory.

ISC 19 02:27:22.8, 0.9, 67.15N, 20.96E, h0km, mbtmp3.0/4, ML2.2/4, Error ellipse: s-maj=14.5km s-min=6.4km az=116.0
BER 19 02:37:22.5, 0.0, 67.00N, 20.64E, h1km, ML2.1, Confirmed Induced event
UPP 19 02:37:22.5, 0.0, 67.18N, 20.65E, h0km, ML2.6, Confirmed Induced event
HEL 19 02:37:23.2, 0.0, 67.17N, 20.64E, h1km, ML2.2, ML2.6(UPP), Confirmed Induced event

ISC 19 02:37:21.7, 0.7, 67.16N, 0.02, 20.76E, 0.02, h0km, n43, c088/64, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUNU Dundret, MASU Masungusbyn, MASU Masungusbyn, RATU Laulkuluspaa, RATU Laulkuluspaa, KUA Kurraavaara, ERTU Ertjaerjav, ERTU Ertjaerjav, ERTU Ertjaerjav, SALU Saitoluokta, SALU Saitoluokta, SALU Saitoluokta, PAJU Pajala, PAJU Pajala, NIKU Nikkaluokta, NIKU Nikkaluokta, HARU Harads, HARU Harads, LANU Lannavaara, LANU Lannavaara, LANU Lannavaara, KLF Kolari, KALU Kalix.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KALU Kalix, HEF Hetta, HEF Hetta, SJJU Sjuksmark, SJJU Sjuksmark, TOF Tornio, TOF Tornio, KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, KIF Kilpisjarvi, KTKI Kautokeino, KTKI Kautokeino, KTKI Kautokeino, RNF Rovaniemi, RNF Rovaniemi, RNF Rovaniemi, SGF Sodankyl, SGF Sodankyl, TRO Tromso, TRO Tromso, BURU Burvik, BURU Burvik, MORB Moi Rana, MORB Moi Rana, ARAO ARCESS Array S, ARAO ARCESS Array S, ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, NOA NORSTAR Array B, NOA NORSTAR Array B, NOA NORSTAR Array B, HFS Hagfors, HFS Hagfors, HFS Hagfors, HFS Hagfors.

NOU 19 02:40:09.7, 39.39S, 174.374E, h256km, MLV3.5/11, North Island, New Zealand
WEL 19 02:40:13.3, 0.9, 39.37S, 174.42E, h223km, 7km, M3, 1/37, ML2.6/6, MLV3.1/37, Error ellipse: s-maj=0.0km s-min=0.0km az=139.7, confirmed
ISC 19 02:40:09.0, 2.0, 39.41S, 174.30E, 0.06, h254km, 12km, n104, c1806/109, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEZ North Egmont, DREZ Durham Road, KHEZ Kahui Hut, KHEZ Kahui Hut, PKE Pukeiti, VRZ Vera Road, WAZ Wanganui, PKVZ Pokaka, TWVZ Taurewa, HIZ Hauti, HIZ Hauti, WNVZ Whangaehu Hut, WNVZ Whangahoa, WNVZ Whangahoa, NGZ Ngauruhoe, WTVZ West Tongariro, WNVZ West Tongariro, SNVZ North Ngauruhoe, SNVZ South Ngauruhoe, OTVZ Oturere, KRVZ Karewarewa, MOVZ Moawhanga, ETVZ East Tongariro, TMVZ Te Maipi, KATZ Kakarama, RATZ Rangitukia, BHHZ Black Hill Sta, DUVZ D'Urville Isla, TSZ Takarua Road, TLZ Tolley Road, POWZ Post Office Ro, KIWI Kapiti Island, PNHZ Pukenui, GCVZ Olaki Group, MRZ Mangatopiko R, KWHZ Kaweka Forest, BKZ Black Stump Fm, BKZ Black Stump Fm, PRWZ Porirua, KHWZ Kaitake Range, WPHZ Waipukurau, CAW Cannon Point, TCW Tony Channel, TIWZ Tintock, MCHZ McNeill Hill, WELZ Welliver, TKNZ Takaka Hill, SNZO South Karori, NZNZ Nelson, BFZ Birch Farm, BFZ Birch Farm, ORZ Quartz Range, ORZ Quartz Range, MTW Mount Morrison, ANWZ Angora Road, PRWZ Porangahau, PRWZ Porangahau, THWZ Te Anau, MTHZ Maungataniwha, PXZ Pawanui, TMWZ Te Maipi, CPWZ Castlepoint, ARHZ Ararat, MSWZ Moikau Station, MUGZ Murupara, PAWZ Paruwai Farm, RTZ Ruatuhua, TRWZ Trarua, PLWZ Pilsbry, MRNZ Matariki Terra, BSWZ Blackbirch Sta, URZ Urewera, URZ Urewera, URZ Urewera, KLZ Kaitake, RIGZ Rimuhau, MHGZ Mahia Peninsula, DSZ Denniston North.

19d 3h

Table of seismic data for 19d 3h, listing stations like RUGZ, KHZ, GYZ, LTZ, etc. with columns for station name, time, phase, and magnitude.

IDC 19 02:55:50.6:1.5, 201:05S:66.28E, h0km, mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=52.4km s-min=27.2km az=77.0

ISC 19 02:55:53.2:1.5, 201:10S:66.3E:0.4, h16km, n12, c=028/6, mb4.0/6, Mauritius-Reunion region

Table of seismic data for Mauritius-Reunion region, listing stations like H08S1, H08S2, H08S3, etc. with columns for station name, time, phase, and magnitude.

NEIC 19 03:11:34.6:1.4, 201:78S:010:169.7E:0.1, h61km, 7km, mb4.6/2.0, Error ellipse: s-maj=14.4km s-min=13.4km az=152.0

IDC 19 03:11:35.3:2.9, 201:75S:169.69E, h70km, mb3.9/12, mbtmp4.2/12, MS3.3/7, Error ellipse: s-maj=30.3km s-min=20.3km az=118.0

NOU 19 03:11:39.6:201:71S:169.24E, h74km, MLv5.2/31, Vanuatu Islands

ISC 19 03:11:39.3:0.4, 201:81S:0106:169.42E:0.07, h100km, n104, c146/101, mb4.4/24, Vanuatu Islands

Table of seismic data for Vanuatu Islands, listing stations like MARNC, LIFNC, PINNC, etc. with columns for station name, time, phase, and magnitude.

Table of seismic data for Vanuatu Islands (continued), listing stations like ONTNC, NOUC, DVP, etc. with columns for station name, time, phase, and magnitude.

Table of seismic data for Vanuatu Islands (continued), listing stations like STKA, LCRK, OOD, etc. with columns for station name, time, phase, and magnitude.

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Table of seismic data for Guam, listing stations like SOEI, KLBPR, NWAO, etc. with columns for station name, time, phase, and magnitude.

Table of seismic data for Guam (continued), listing stations like USRK, MAW, CMAR, etc. with columns for station name, time, phase, and magnitude.

Table of seismic data for Guam (continued), listing stations like R33M, ARCES, FINES, etc. with columns for station name, time, phase, and magnitude.

Table of seismic data for Turkey, listing stations like ZVC, NKC, RONA, etc. with columns for station name, time, phase, and magnitude.

Table of seismic data for Turkey (continued), listing stations like DDA, Code, BODT, etc. with columns for station name, time, phase, and magnitude.

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Table of seismic data for 1360, listing stations like SHO, YHO, YUK, etc. with columns for station name, time, phase, and magnitude.

IDC 19 03:30:16.0:1.3, 63:30N:145.29E, h0km, mb3.8/9, mbtmp3.9/10, ML4.4/1, MS3.6/3, Error ellipse: s-maj=44.2km s-min=20.7km az=97.0

ISC 19 03:30:17.2:1.3, 63:30N:145.2E:0.3, h10km, n19, c=258/12, mb3.8/9, MS3.5/3, Eastern Caroline Islands region

Table of seismic data for Eastern Caroline Islands region, listing stations like GUMO, JAY, HNR, etc. with columns for station name, time, phase, and magnitude.

IDC 19 03:41:16.2:1.2, 24:87N:145.80W, h0km, mb3.6/5, mbtmp3.6/5, MS3.5/16, Error ellipse: s-maj=39.4km s-min=29.9km az=26.0, Northern Mid-Atlantic Ridge

Table of seismic data for Northern Mid-Atlantic Ridge, listing stations like RCBR, SADO, SCHO, etc. with columns for station name, time, phase, and magnitude.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEM2, NMR, JKHN, etc.

TAP 19 04:00:36.3, 24.58N:122.33E, h16km, 1km, ML2.5, B
JMA 19 04:00:36.8, 0.0, 24.5N:0.5:122.4E:0.2, h34km, 1km,
MV2.1/11, TAIWAN REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like E0S2, E0S3, E0S4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JKR5, JIJ, JISG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORO, KEST, TXAR, etc.

19d 4h

mb4.3/67,Md4.5/22(MEX), Error ellipse: s-maj=15.3km s-min=9.2km az=200.0  
ISC 19 04:20:05.9.2.0, 15.555N, 0.06:94.74W, 0.04,h31km±14km,  
n137, c1988/123, mb4.2/24, MS3.5/26, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and Res. Lists various seismic stations and their recorded data for the event.

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Main table of seismic stations and their recorded data. Columns include Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and Res. Lists stations like SPBC, ROSC, RUSC, etc., and their respective data points.

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Table of seismic stations and their recorded data, continuing from the main table. Columns include Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and Res. Lists stations like DJR, SATY, ZHN, etc.

SOME 19 04:33:13.7, 39.50N, 74.88E, h5km  
KRNET 19 04:33:16.1±0.1, 39.39N, 75.10E, mb3.4  
NINC 19 04:33:32.9±2.9, 39.85N, 75.06E, h0km, mb3.7, mpv3.3,  
Error ellipse: s-maj=22.7km s-min=13.8km az=175.0  
ISC 19 04:33:20.4±1.4, 39.50N, 0.07:75.01E, 0.03, h10km, n44,  
c283/57, 27C-10D, Southern Xinjiang

Table of seismic stations and their recorded data, continuing from the main table. Columns include Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and Res. Lists stations like Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, and Res.

Table with columns: MRKS, Station Name, Az, El, Lg, Time, Res, and various station identifiers like MNAS, KST, DGS, etc.

SDD 19 04:48:08.1±2.5, 19°14'N-68°8'W, h10km, 32km, MD3.6, ML2.5, MW2.8

OSPL 19 04:48:12.2±2.0, 18°73'N-68°8'W, h0km, 33km, ML2.4

ISC 19 04:48:07.3±1.2, 19.05N, 0.07-68.81W, 0.02, h18km, 6km, n20, c097/35, 3C-4D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, El, Lg, Time, Res, and station identifiers like MIDR, HIDER, HATOM, etc.

Table with columns: JIDR, Station Name, Az, El, Lg, Time, Res, and station identifiers like TEIG, JTS, TXAR, etc.

SJA 19 05:32:20.8±0.7, 19°36'S-69°48'W, h105km, 4km, ML3.7, MW3.7

VAO 19 05:32:22.4±0.8, 19°26'S-69°37'W, h105km, 11km, mb4.1

NEIC 19 05:32:22.7±1.7, 19°39'S-69°50'W, 0.07, h96km, 12km, mb4.1/4, ML3.7(GUC), Error ellipse: s-maj=1.0, 1.0km

GUC 19 05:32:22.7±0.7, 19°35'S-69°46'W, h96km, 3km, ML3.7

ISC 19 05:32:24.7±3.0, 19°30'S-69°44'W, h124km, 34km, mb3.2/4, mbmp3.6/5, MS2.9/2, Error ellipse: s-maj=73.3km

ISC 19 05:32:21.8±0.7, 19°37'S-0°03'-69°48'W, 0.06, h101km, 6km, n69, c1913/91, mb3.6/3, Northern Chile

Table with columns: Code, Station Name, Az, El, Lg, Time, Res, and station identifiers like G001, PB08, HMBC, etc.

Table with columns: PB07, Station Name, Az, El, Lg, Time, Res, and station identifiers like IPOC Station P, LVC, etc.

ANF 19 06:20:43.0±2.0, 34°06'N-118°49'W, h12km, 1km, ML3.8/37, Error ellipse: s-maj=1.7km s-min=1.4km az=29.0

PAS 19 06:20:44.1±1.5, 34°09'N-0°01'-118°48'W, 0.01, h10km, 4km, ML3.6/351, ML3.4/68(NEIC), Error ellipse: s-maj=1.9km

NEIC 19 06:20:44.1±1.1, 34°07'N-0°04'-118°52'W, 0.03, h16km, 1km, Error ellipse: s-maj=6.0km s-min=1.7km az=213.0

ISC 19 06:20:44.4±0.8, 34.07N-0.02E-118.49W, 0.01, h18km, 4km, n112, c1912/162, Southern California

Table with columns: Code, Station Name, Az, El, Lg, Time, Res, and station identifiers like DJJ, BVH, LCGC, etc.

Table with columns: Station, 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 Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Standard Deviation Matrix, Elevation Standard Deviation Matrix, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Standard Deviation Matrix, Elevation Standard Deviation Matrix, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse.

Table with columns: Station, 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 Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Variance, Elevation Variance, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Covariance Matrix Inverse, Elevation Covariance Matrix Inverse, Azimuth Standard Deviation Matrix, Elevation Standard Deviation Matrix, Azimuth Standard Deviation Matrix Inverse, Elevation Standard Deviation Matrix Inverse.

Table with columns: MORW, MORWA, MORWA, TBI, TBI, TBI, TBI, TBI, JAGI, GMJI, JHJ, JHW, PJW, JOW, MJAR, MJAR, KPJI, JNU, JNU, LEM, CGJI, TAOE, TAOE, ASAJ, KSRS, KSRS, NJ2, NJ2, QIZ, USRK, USRK, MDJ, MDJ, MDJ, PETK, PETK, CN2, CN2, CN2, CN2, SHEM, CASY, CASY, KLR, KLR, Vnda, Vnda, SBA, SBA, XAN, XAN, HEH, HEH, HEH, XLT, XLT, XLT, XLT, XLT, CMAR, CMAR, CMAR, PZH, PZH, PZH, HHC, HHC, HHC, HHC, MA2, TNCH, TNCH, TNCH, LZH, LZH, LZH, SEY, R17K, ULN, ULN, SONM, SONM, SONM, M14K, Q17K, M15K, YAK, P17K, Q18K

Table with columns: O17K, N16K, KDAK, P18K, M16K, J14K, N17K, Q19K, K15K, L16K, N18K, M17K, QSPA, P19K, L17K, ANM, N19K, J16K, HOM, TNA, K17K, L18K, BRSE, H16K, M19K, L19K, M20K, SEW, J18K, G16K, H17K, SUA, SUA, G17K, SKT, RC01, P23K, K20K, J19K, M22K, PWR, PML, J20K, CAST, CAST, SML, E17K, H19K, I20K, EYAK, M23K, D17K, KAIM, SCM, G19K, TRF, TRF, H20K, E18K, WAT1, KLU, WAT6, F19K, BMRM, BERG, C17K, RND, M24K, M2CK, I21K, I21K, DPH, RPN, IMAR, H21K, H21K, N25K, N25K, MAW, MAW, MAW

Table with columns: MORW, MORWA, MORWA, TBI, TBI, TBI, TBI, TBI, JAGI, GMJI, JHJ, JHW, PJW, JOW, MJAR, MJAR, KPJI, JNU, JNU, LEM, CGJI, TAOE, TAOE, ASAJ, KSRS, KSRS, NJ2, NJ2, QIZ, USRK, USRK, MDJ, MDJ, MDJ, PETK, PETK, CN2, CN2, CN2, CN2, SHEM, CASY, CASY, KLR, KLR, Vnda, Vnda, SBA, SBA, XAN, XAN, HEH, HEH, HEH, XLT, XLT, XLT, XLT, XLT, CMAR, CMAR, CMAR, PZH, PZH, PZH, HHC, HHC, HHC, HHC, MA2, TNCH, TNCH, TNCH, LZH, LZH, LZH, SEY, R17K, ULN, ULN, SONM, SONM, SONM, M14K, Q17K, M15K, YAK, P17K, Q18K

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WMQ, D24K, G26K, M30M, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRTR, CLL, KEST, etc.

SOME 19 07:01:53.4, 49.72N:83.47E, h0km
IDC 19 07:01:55.5:1.7, 49.72N:83.65E, h0km, mbtmp:2.8/3, ML2.3/3, Error ellipse: s-maj=20.1km s-min=10.9km

NNC 19 07:01:55.8:1.5, 49.76N:83.66E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=13.9km s-min=5.1km az=63.0, Suspected Mining explosion.

ISC 19 07:01:53.5:1.1, 49.550N:104.8368E:0.07, h0km, n10, r189/14, SC-20, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZSN, SEM, MK31, etc.

MEX 19 07:02:58.1:0.6, 15.51N:94.76W, h18km, 509km, MD5.0
GCMT 19 07:02:58.9:0.3, 15.63N:0.02:94.82W:0.02, h34km

MW5.0/93, Moment Tensor Solution. s64,c87; s93,c123; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:4.36:1.6; Mw:2.32:1.0; Mw:2.04:1.1; Mw:1.19:1.0; Mw:2.09:0.7; Mw:1.00:1.1; Best double couple: Mw:4.58800x10^16

NP1:32.00000; s65.00000; A89.00000; NP2: q:514.00000; s:85.00000; A:92.00000; Principal axes: T 4.6320, Plg10.0000; Azm37.0000; N -0.0870; Plg31.0000; Azm133.0000; P -4.5450, Plg10.0000; nzm223.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 19 07:03:01.2:2.8, 15.59N:94.51W, h62km, 24km, mb4.3/20, mbtmp4.6/22, ML4.1/2, MS4.1/32 Error ellipse: s-maj=21.5km s-min=10.8km az=59.0

NEIC 19 07:03:01.9:1.9, 15.66N:0.07:94.65W:0.04, h55km, 7km, mb4.9/143, MD5.0/14(MEX2), Error ellipse: s-maj=10.8km s-min=5.6km az=185.0

GCG 19 07:03:35.3:0.6, 14.72N:92.08W, h7km, 33km, MD4.7
ISC 19 07:02:58.5:0.6, 15.45N:0.04:94.79W:0.03, h43km, 5km, n718, r170/738, mb4.8/55, MS4.1/34, 10C-19D, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NILT, CARR, HUIG, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TLIG, JALCOM, NBG, etc.



Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Z38A Mt. Pleasant, FW03 Perrin-Whitt E, Z41A Richland Creek Union, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CBK5 Cedar Bluff, W18A Petrified Forest, WCI Wyandotte Cave, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CZSB Cruzeiro do Sul, CZSB Red Lodge, RLMT Red Lodge, etc.

19d 7h

Table with columns: ID, Name, Location, Elevation, Status, Date, Time, and other details. Includes entries like N32M Quiet Lake, CFA Coronel Fontan, ESFA Espinillo Form, etc.

2017 SEP

Table with columns: ID, Name, Location, Elevation, Status, Date, Time, and other details. Includes entries like M23K Glacier View, SEW Seward, KNK Knik Glacier, etc.

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Table with columns: ID, Name, Location, Elevation, Status, Date, Time, and other details. Includes entries like MLY Manley, MLY Manley, F24K Squaw Lake, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like D19K Kuna River, G17K Kwallik Mouna, B20K Meade River, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, Res. Includes stations like ZAAO, ZALV Zalesovo Beam, KURK Kurchatov, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for IPOC Station P, Limon Verde, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for Combarbal, El Roble, Combarbal, etc.

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

SKO 19 07:36:13.2, 40.67N, 21.68E, h19km, ML2.5

THE 19 07:36:13.5, 40.66N, 21.68E, h14km, 2km, ML2.5/5, Error ellipse: s-maj=2.7km s-min=0.9km az=326.0

ATH 19 07:36:13.3, 40.62N, 21.67E, h12km, 1km, ML2.0/7

BE0 19 07:36:14.9, 40.5, 40.72N, 21.69E, h4km, 3km, ML2.0/6

ISC 19 07:36:13.6, 1.1, 40.62N, 21.69E, 0.02, h5km, 9km, n31, 0.95/60.52, Greece

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

MEX 19 07:53:10.2, 1.0, 14.80N, 94.42W, h11km, 13km, MD5.6, Mw5.5

MOS 19 07:53:13.0, 1.1, 15.04N, 94.08W, h29km, m5.5/7.0, MS5.2/29, Error ellipse: s-maj=7.1km s-min=4.6km az=97.4

GCMT 19 07:53:14.4, 0.1, 15.11N, 94.01W, 0.01, h16km, MW5.5/130, Moment Tensor Solution. s116, c191; s130, c240; Duration: 1s4 Moment tensor: Scale 1017 Nm; Mn: 0.79; 0.02; Mbb: 0.39; 0.02; Mbb: 0.39; 0.02; Mm: 1.11; 0.07; Mbb: 1.08; 0.02; Mr: 1.79; 10; Best double couple: Ms: 2.41100x1017 Np1: 0.1500000; 0.3770000; 1.2020000; Np2: 0.2860000; 0.8180000; 1.4800000; Principal axes: T: 2.1200; P: 6.57000; Azm: 75.0000; N: 0.5830; P: 12.0000; Azm: 327.0000; P: 2.7030; P: 31.0000; Azm: 230.0000; N: 1.84; nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 19 07:53:15.9, 15.11N, 94.28W, h16km, Moment Tensor Solution. Duration: 2s7 Moment tensor: Scale 1017 Nm; Mn: 0.74; Mbb: 0.40; Mbb: 0.34; Ms: 1.00; Mbb: 0.95; Mr: 1.62; Fault plane solution: Ms: 2.80000x1017 Np1: 0.14962000; 0.7682000; 1.0236000; 1.0236000; Np2: 0.28576000; 0.81799000; 1.4757000; Principal axes: T: 2.1200; P: 6.57000; Azm: 75.0000; N: 0.5830; P: 12.0000; Azm: 327.0000; P: 2.7030; P: 31.0000; Azm: 230.0000; N: 1.84; nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

UPA 19 07:53:17.1, 15.9, 15.11N, 94.11W, h50km, MW5.8

CGC 19 07:53:18.9, 2.4, 14.64N, 93.95W, h34km, 99km, MD5.0

BGR 19 07:53:21.3, 1.5, 15.25N, 92.52W, h33km, m5.7, mB, BBS.7, 27m, 0.6s

ISC 19 07:53:13.4, 0.4, 14.91N, 94.28W, 0.02, h27km, 2km, Mw5.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PCIG, CARR, Santiago Nilte, Huatulco, Huatulco, etc.

Table with columns for station code, name, frequency, power, and other technical details. The table is organized into multiple columns, with station codes on the far left and various technical specifications and coordinates on the right.

19d 7h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Rows include stations like IMBA, TULM, GCUF, etc.

2017 SEP

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Rows include stations like T50A, T50A, T50A, etc.

1372

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Rows include stations like O44A, P48A, P48A, etc.



19d 7h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like CHMT Chamberlain Mo, BMO Blue Mountains, MSO Missoula, etc.

2017 SEP

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BBRB Robore, Bolivi, AC06 Mina Casimiro, RUBB Prince Rupert, etc.

1374

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like TRCB Terra Rica, HYT Haines Junctio, HYT Haines Junctio, etc.



1375

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like ITAB Concordia, EPYK Eagle Plains, RODS Rosario do Sul, etc.

2017 SEP

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like BRLL Bradley Lake, CNPM China Pot, CNLB Cordova Ski Ar, etc.

19d 7h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M20K Styx River, M20K Styx River, ISOG Isortoq, Green, etc.

19d 7h

Table with columns: Station ID, Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like H19K Roundabout Mou, EUNU Eureka, L16K Owha River, etc.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like PBEJ Beja, MVO Moncorvo, MVO Moncorvo, etc.

1376

Table with columns: Station ID, Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like MEM Membach, BTNL Ternell, WLF Walfardange, etc.







Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like WTK Tuku, TWB1 Santiao Chiao, TWK Hsinying, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like PTMZ Houxiangcun, JTT Tarama, MATB Ma-tsu, etc.

IDC 19 09:30:47.73.1.53:60N:87.98E, hOkm, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=27.8km s-min=18.4km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesov Beam, etc.

NIED 19 09:33:09.8.33:33N.132:32E, h41km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm, M=3.07; Mw=0.95; Mw2=1.2; Mw0.04; Mw0.125; Mw0.243; Fault plane solution: Ms:3.83000x10^15 NP1: phi=166.00000, delta=65.00000, lambda=75.00000; NP2: phi=314.00000, delta=330.00000, lambda=-119.00000; JMA 19 09:33:09.8.0.0.33:33N.07:1:132:32E.0.1, h41km, MD4.2/40, MW4.3/40, BUNGO CHANNEL

JMA Feil III at BUNGO CHANNEL, IDC 19 09:33:10.9.1.4.33:36N.132:28E, h53km, 14km, mb3.8/12, mbtmp4.1/17, ML3.9/5, MS2.4/13, Error ellipse: s-maj=13.1km s-min=11.4km az=120.0

ISC 19 09:33:09.7.0.8.33:32N.107:43:32E.0.03, h42km, 7km, n65, e98/44, mb4.2/13, MS3.4/7, 2D, Shikoku

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like JNA Nagahama, JNA Nagahama, JNA Nagahama, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like USRK comp=N,241nm,19.1s, ASAJ comp=N,2.87nm,0.8s, SONM comp=N,1.97nm,20.2s, etc.

IDC 19 09:38:35.0.3.54:22N:87.49E, hOkm, mbtmp3.2/2, ML2.5/2, Error ellipse: s-maj=27.6km s-min=18.6km az=44.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesov Beam, etc.

IDC 19 09:43:31.7.3.3.58:39N:18:87E, hOkm, mbtmp2.9/4, ML2.3/4, Error ellipse: s-maj=44.4km s-min=11.2km az=175.0

UPP 19 09:43:33.5.0.2.58:85N:18:77E, hOkm, ML1.9, Suspected explosion

DNK 19 09:43:33.8.1.3.58:85N:18:75E, hOkm, ML3.1, Explosion

OSTU 19 09:43:34.4.0.1.58:87N:18:70E, hOkm, ML2.2, Explosion

ISC 19 09:43:33.4.0.8.58:85N:0:02:18:75E.0.03, hOkm, n51, c1902/61, Baltic Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and Time. Includes stations like NYNU Nynaeshamm, NRTU Norrtaeje, NRTU Norrtaeje, etc.

Table with columns: DEL, STRU, PVF, BSD, NOA, FINES, HOMB, SNART, ARCES, etc. Includes station names, codes, and various numerical data.

NEIC 19 09:43:49.5-0.6,35.991N:0.009:96.80W:0.01,h5km,1km, Error ellipse: s-maj=1.7km s-min=1.3km az=106.0

TUL 19 09:43:49.5-0.6,35.991N:0.010:96.80W:0.01,h6km,1km, Error ellipse: s-maj=1.4km s-min=1.2km az=139.0

ANF 19 09:43:50.1-0.2,36.00N:96.77W,h7km,ML3.7/14, Error ellipse: s-maj=2.5km s-min=2.4km az=82.0

ISC 19 09:43:49.6-0.8,35.991N:0.02:96.80W:0.02,h6km,4km, n124,0970/108,Oklahoma

Main table for station 1381, listing station names, codes, and various parameters like Op, P, S, Pg, Sg, etc.

Main table for station 2017 SEP, listing station names, codes, and various parameters like Op, P, S, Pg, Sg, etc.

Main table for station 19d 10h, listing station names, codes, and various parameters like Op, P, S, Pg, Sg, etc.





FRG	Fergana	0.83	14	P	Pg	10 47 17.5	-1.5
FRG					Sb	10 47 30.0	-0.7
FRG					Pg	10 47 31.3	-0.8
FRG					Sb	10 47 36.3	-0.5
FRG					Sb	10 47 43.8	+0.3
FRG					Sb	10 47 52.2	+6.4
FRG					Sb	10 47 27.9	-1.1
OHH	Osh	1.36	28	P	Sg	10 47 48.5	+1.8
OHH					Sg	10 47 31.3	-1.2
SFK	Sufi-Kurgan	1.59	73	P	Pb	10 47 54.7	+0.7
SFK					Sg	10 47 44.0	-0.2
YBZ	Yangibazar	2.28	320	P	Sb	10 48 15.8	-0.4
YBZ					Sg	10 47 44.4	-0.1
CHMG	Chimgan	2.29	330	P	Sb	10 48 16.0	-0.6
CHMG					Sg	10 47 46.3	+0.1
CHRV	Charvak	2.39	330	P	Sg	10 48 19.1	-0.5
CHRV					Sg	10 47 47.7	-1.3
TGS	TashGRES	2.40	321	P	Sg	10 48 21.5	+1.3
TGS					Sg	10 47 52.8	-0.6
IUG	Iuzhnay	2.81	337	P	Pb	10 48 32.8	
IUG					Pb	10 47 52.8	-0.6
IUG					Lg	10 48 32.8	
IUG					Lg	10 48 32.8	
DZI	Dzhizak	2.90	282	P	Sb	10 47 53.0	-1.8
DZI					Pb	10 48 32.6	+2.2
DZI					Pb	10 47 52.7	+1.9
MNAS	Manas	3.01	14	P	Sb	10 48 31.4	-2.2
MNAS					Pb	10 47 53.1	+1.6
AML	Almayashu	3.04	32	P	Lg	10 48 39.3	
AML					Lg	10 47 53.4	+1.9
AML					Sb	10 48 32.7	-2.1
ARLS	Aral	3.12	42	P	Sb	10 47 54.3	+1.9
ARLS					Sb	10 48 34.3	-2.6
MRKS	Merke	3.42	21	P	Lg	10 47 58.6	+2.1
MRKS					Lg	10 48 42.7	
MRKS					Lg	10 48 01.6	-2.1
MRKS					Lg	10 48 47.4	
UCH	Uchtor	3.49	39	P	Pn	10 47 59.7	+2.0
UCH					Sb	10 48 03.6	-4.1
AGL	Agaly	3.59	271	P	Sb	10 48 43.3	-3.3
AGL					Sb	10 48 53.0	+2.7
KK31	Karatay Array	3.61	348	P	Sn	10 48 00.7	+1.6
KK31					Sn	10 48 45.1	+3.3
KK31					Lg	10 48 57.6	
KKAR	Karatay Array	3.61	348	P	Pn	10 48 00.7	+1.7
KKAR					Sb	10 48 44.9	+3.1
NRN	Naryn	3.89	60	P	Sn	10 48 04.3	+1.3
NRN					Sn	10 48 51.4	+2.5
TKM2	Tokmak 2	4.54	41	P	Pn	10 48 16.0	+4.1
TKM2					Lg	10 49 29.0	
NUT	Nurota	4.59	284	P	Sg	10 49 22.2	+6.3
DGS	Degeres	4.86	40	P	Pb	10 48 27.2	-1.1
DGS					Lg	10 49 31.4	
KTBS	Karabote	5.66	41	P	Pb	10 48 43.0	+1.2
KTBS					Lg	10 49 58.4	
KTBS					Pb	10 48 43.0	+1.2
KTBS					Lg	10 49 58.4	
DZN	Dzhankel'dy	6.40	284	S	Sg	10 49 49.2	-1.1
AB31	Abdulk array	12.73	323	Pn	Pn	10 50 02.1	-1.8

NEIC 19 10:52:21.0, 1.7, 55.94N, 0.08, 148.75W, 0.09, h8km, 7km, ML3 7/62, ML3 4/AEIC Error ellipse: s-maj=12.2km s-min=6.5km az=163.0  
 AEIC 19 10:52:27.0, 1.4, 56.06N, 0.09, 148.8W, 0.1, h12km, 7km, Error ellipse: s-maj=12.6km s-min=9.3km az=173.0  
 ISC 19 10:52:24.1, 2.56, 03N, 0.07, 148.80W, 0.05, h35km, n327, r19/04/331, Gulf of Alaska

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h	s
KDAK	Kodiak Island	2.72	312	Op	ISC	10 53 05.1	0.0
KDAK	Kodiak Island	2.72	312		Pn	10 53 35.7	-1.1
KDAK	Kodiak Island	2.72	312	IAML		10 53 39.3	
KDAK						10 53 51.8	
KDAK	Kodiak Island	2.72	312	P	Pn	10 53 05.1	0.0
KDAK					S	10 53 35.4	-1.3
OHAK	Old Harbor	2.75	298	Pn	Pn	10 53 05.3	-0.3
OHAK	Old Harbor	2.75	298	P	Sn	10 53 35.5	-2.0
OHAK	Old Harbor	2.75	298	P	Pn	10 53 05.3	-0.3
OHAK	Old Harbor	2.75	298	P	Pn	10 53 05.1	-0.5
OHAK					S	10 53 35.6	-2.0
SII	Sitkinan Island	3.05	282	P	Pn	10 53 09.4	-0.3
SII					Sn	10 53 42.9	-2.0
SII	Sitkinan Island	3.05	282	IAML		10 53 44.3	
SII						10 53 52.0	
SII	Sitkinan Island	3.05	282	P	Pn	10 53 09.4	-0.3
SII					S	10 53 44.3	-1.5
Q20K	Shuyak Island	3.23	324	P	Pn	10 53 12.5	+0.2
Q20K					S	10 53 49.1	-0.4
SYI	Shuyak Island	3.23	324	Pn	Pn	10 53 12.5	+0.2
SYI					Sn	10 53 49.4	-0.1
R18K	Karluk	3.47	299	P	Pn	10 53 15.9	+0.5
R18K					Sn	10 53 53.2	-1.9
R18K	Karluk	3.47	299	P	Pn	10 53 15.9	+0.5
R18K					S	10 53 53.3	-1.9
MID	Middleton Isla	3.65	20	Pn	Pn	10 53 17.7	-0.2
MID	Middleton Isla	3.65	20	IAML		10 55 22.2	
MID						10 55 45.6	
MID	Middleton Isla	3.65	20	P	Pn	10 53 18.0	+0.1
Q23K	Middleton Isla	3.65	20	Pn	Pn	10 53 17.7	-0.2
Q23K					Sn	10 53 56.7	-3.0
Q23K	Middleton Isla	3.65	20	IAML		10 55 21.1	
Q23K						10 55 23.9	
Q23K	Middleton Isla	3.65	20	P	Pn	10 53 17.6	-0.4
CNPM	China Foot	3.74	341	Pn	Pn	10 53 19.3	+0.1
CHIR	Chirikof Island	3.84	270	Pn	Pn	10 53 19.7	-0.9
CHIR					Sn	10 54 02.4	-2.1
CHIR	Chirikof Island	3.84	270	S	Sn	10 54 01.8	-2.7

BRSE	Bradley Lake S	3.86	345	P	Pn	10 53 20.7	-0.2
BRSE	Bradley Lake S	3.86	345	P	Pn	10 53 20.7	-0.2
BRLK	Bradley Lake	3.90	344	IAML	Pn	10 53 21.1	-0.3
BRLK	Bradley Lake	3.90	344	IAML	Pn	10 54 08.7	
Q19K	Cape Douglas	3.91	320	Pn	Pn	10 53 21.9	+0.4
Q19K	Cape Douglas	3.91	320	IAML	Sn	10 54 05.5	-0.6
Q19K	Cape Douglas	3.91	320	IAML		10 54 16.2	
Q19K	Cape Douglas	3.91	320	IAML		10 54 54.4	
Q19K	Cape Douglas	3.91	320	P	Pn	10 53 22.3	+0.7
HOM	Homer	3.94	338	Pn	Pn	10 53 22.6	+0.7
HOM	Homer	3.94	338	IAML		10 54 08.6	
HOM	Homer	3.94	338	IAML		10 54 12.7	
HOM	Homer	3.94	338	P	Pn	10 53 22.5	+0.6
KAPH	Katmai Pasha	3.96	313	Pn	Pn	10 53 23.5	+1.2
KAHG	Katmai Hook GI	3.98	311	Pn	Pn	10 53 24.0	+1.5
P23K	Montague Island	4.04	10	P	Pn	10 53 23.2	-0.2
P23K	Montague Island	4.04	10	P	Pn	10 53 23.3	-0.1
P23K					S	10 54 06.6	-2.8
KAKM	Katmai Knife C	4.09	306	Pn	Pn	10 53 25.3	+1.2
SEW	Seward	4.10	355	Pn	Pn	10 53 23.7	-0.3
SEW	Seward	4.10	355	P	Pn	10 53 23.8	-0.3
SEW					S	10 54 08.2	-2.5
ACHA	Angle Creek He	4.17	304	Pn	Pn	10 53 26.6	+1.3
ANCK	Angle Creek	4.25	304	Pn	Pn	10 53 27.6	+1.3
KAHK	Katmai Hardscr	4.26	310	Pn	Pn	10 53 27.7	+1.2
KAHK	Katmai Hardscr	4.26	310	Pn	Pn	10 53 27.6	+1.1
Q18K	Katmai Hardscr	4.26	310	P	Pn	10 53 27.6	+1.0
P19K	Oil Pt	4.33	329	P	Pn	10 53 28.0	+0.6
P19K	Oil Pt	4.33	329	P	Pn	10 53 27.8	+0.5
P19K					S	10 54 18.2	+1.5
PLK3	Peulik 3	4.42	295	Pn	Pn	10 53 29.6	+1.0
CNTC	Contact Creek	4.46	303	Pn	Pn	10 53 30.2	+1.0
Q17K	Contact Creek	4.46	303	P	Pn	10 53 30.1	+0.9
R17K	Ugashik Creek	4.47	294	Pn	Pn	10 53 29.9	+0.7
R17K	Ugashik Creek	4.47	294	P	Pn	10 53 30.0	+0.8
R17K					S	10 54 18.3	-1.6
O22K	Cooper Landing	4.49	354	Pn	Pn	10 53 29.0	-0.4
O20K	Slope Mountain	4.54	335	Pn	Pn	10 53 30.2	0.0
O20K	Slope Mountain	4.54	335	P	Pn	10 53 30.4	+0.1
HIN	Hinchinbrook I	4.54	15	Pn	Pn	10 53 30.3	+0.1
HIN	Hinchinbrook I	4.54	15	IAML		10 54 20.5	
HIN						10 54 21.9	
KAIM	Kayak Island	4.55	29	Pn	Pn	10 53 30.8	+0.6
KAIM						10 54 12.5	
KAIM					IAML	10 54 27.6	
KAIM						10 53 30.6	+0.3
KAIM					S	10 54 21.9	+0.1
SLKM	Skilak Lake	4.55	351	Pn	Pn	10 53 30.0	-0.3
IVE	Iliamna Volcan	4.58	332	Pn	Pn	10 53 30.6	-0.1
ILSW	Iliamna Southw	4.58	332	IAML		10 54 23.9	
ILSW	Iliamna Southw	4.58	332	IAML		10 54 27.8	
PLK1	Peulik 1	4.63	296	Pn	Pn	10 53 32.3	+0.8
ILW	Cont West	4.65	322	Pn	Pn	10 53 31.9	+0.1
EYAK	Cordova Ski Ar	4.80	18	P	Pn	10 53 34.1	+0.4
EYAK	Cordova Ski Ar	4.80	18	P	Pn	10 53 34.4	+0.6
EYAK	Cordova Ski Ar	4.80	18	P	Pn	10 53 34.2	+0.4
P18K	Big Mountain,	4.82	317	Pn	Pn	10 53 34.1	+0.1
P18K	Big Mountain,	4.82	317	P	Pn	10 53 34.1	+0.1
PWL	Port Wells	4.85	3	Pn	Pn	10 53 34.3	-0.1
PWL	Port Wells	4.85	3	IAML		10 54 27.5	
PWL						10 54 27.8	
PWL						10 54 27.5	
PWL						10 53 34.5	0.0
SUCK	Suckling Hills	4.85	31	IAML		10 53 35.0	+0.6
SUCK						10 54 44.4	
SUCK						10 56 42.5	
RAGM	Ragged Mountai	4.88	25	Pn	Pn	10 53 35.2	+0.3
RAGM	Ragged Mountai	4.88	25	IAML		10 54 37.9	
FID	Port Fidalgo	4.88	14	IAML		10 53 34.6	-0.3
FID	Port Fidalgo	4.88	14	IAML		10 54 28.4	
FID						10 54 33.3	
RDSO	Redoubt South	4.91	336	Pn	Pn	10 53 34.6	-0.7
CAPN	Captain Cook N	4.90	346	Pn	Pn	10 53 33.9	-1.3
CAPN	Captain Cook N	4.91	346	P	Pn	10 53 36.0	+0.8
RSO	Redoubt South	4.91	336	Pn	Pn	10 53 35.6	+0.2
NICHA	Nichawak Mount	4.93	29	Pn	Pn	10 53 35.9	+0.4
RDT	Redoubt	4.93	339	Pn	Pn	10 53 35.2	-0.4
HMT	Hamilton	4.94	27	Pn	Pn	10 53 36.4	+0.7
GLI	Glacier Island	4.94	10	Pn	Pn	10 53 35.9	+0.1
GLI	Glacier Island	4.94	10	IAML		10 54 31.4	
GLI						10 54 32.2	
GLI	Glacier Island	4.94	10	P	Pn	10 53 35.8	+0.1
GLI					S	10 54 28.5	-3.1
RDWB	Redoubt West	4.95	336	Pn	Pn	10 53 35.5	-0.5
Q16K	King Salmon	5.01	305	P	P		

19d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tigyokuuiviet M, Hague Volcano, Black Hills, etc.

19d 10:52:48.2-0.7, 5.51S, 130.26E, h0km, mb4.1/13, mbmp4.2/18, ML4.3/5, MS3.3/21, Error ellipse: s-maj=25.1km s-min=14.8km az=74.0

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

2017 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SWI, SANI, RPKI, LBMI, SRPI, etc.

STR 19:10:53:00-1.0, 3.50N, 144.40E, h0km, MLV3.3/27, Error ellipse: s-maj=0.0km s-min=0.0km az=30.9, preliminary, France

1384

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

19:10:54:10.8-0.9, 31.77S, 72.18W, h0km, mb4.1/4, mbmp3.8/10, ML3.7/6, MS3.2/5, Error ellipse: s-maj=21.6km s-min=19.8km az=156.0

19:10:54:10.8-1.7, 31.75S, 0.01E, 72.41W, 0.10, h10km, 2km, mb4.4/2, Mw3.9/50, ML4.0(GUC), Error ellipse: s-maj=13.8km s-min=3.0km az=273.0, Moment Tensor Solution...

19:10:54:13.2-0.7, 31.79S, 72.18W, h38km, 4km, ML4.1, ISC 19:10:54:10.5-2.5, 31.75S, 0.04E, 72.19W, 0.07, h0km, 15km, n76, 0.90/79, mb4.3/7, 5C-4D, Off coast of central Chile

19:10:54:10.8-0.9, 31.77S, 72.18W, h0km, mb4.1/4, mbmp3.8/10, ML3.7/6, MS3.2/5, Error ellipse: s-maj=21.6km s-min=19.8km az=156.0

19:10:54:10.8-1.7, 31.75S, 0.01E, 72.41W, 0.10, h10km, 2km, mb4.4/2, Mw3.9/50, ML4.0(GUC), Error ellipse: s-maj=13.8km s-min=3.0km az=273.0, Moment Tensor Solution...

19:10:54:13.2-0.7, 31.79S, 72.18W, h38km, 4km, ML4.1, ISC 19:10:54:10.5-2.5, 31.75S, 0.04E, 72.19W, 0.07, h0km, 15km, n76, 0.90/79, mb4.3/7, 5C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AC04, LMEL, G003, etc.

1385

Table with columns: LVC, comp, LR, LR, 11 00 32.2, BLO, comp, IAML, 11 48 14.4, N47A, baz=216, S, Sn, 11 48 52.8 +2.4

HEL 19 11:00:13.5,0.4,60'30N:24'88E, h0km, ML0.6,

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, Res

IDC 19 11:47:26.7,0.8,38'49N:87'89W, h0km, mb3.4/4, mbmp3.6/10, ML3.5/6, MSZ:91, Error ellipse: s-maj=11.5km s-min=9.3km az=39

SLM 19 11:47:28.2,2.2,38'42N:0'03:87'91W,0.04, h12km,5km, mb3.8/25(NEIC), mb\_Lg4.2/192(NEIC), ML4.3/18(NEIC), Mw3.8/73(NEIC), Error ellipse: s-maj=5.0km s-min=2.2km az=48.0

NEIC 19 11:47:28.6,2.0,38'43N:0'03:87'92W,0.03, h8km,5km, Error ellipse: s-maj=5.0km s-min=2.2km az=47.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr:1.11; Mth:4.76; Mbb:-5.87; Mtt:-0.52; Mlt:1.90; Mtr:1.66; Fault plane solution: Ms:5.99000x10^14 NP1:

ANF 19 11:47:28.2,1.3,38'42N:87'85W, h5km,11km, ML4.8/8 Error ellipse: s-maj=5.7km s-min=5.0km az=149.0

NEIC 19 11:47:28.0,0.8,38'44N:0'02:87'92W,0.02, h14km,6km, n455, r1938/495, mb3.6/5, Southern Indiana

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, Res

2017 SEP

Main table with columns: BLO, comp, IAML, 11 48 14.4, N47A, baz=216, S, Sn, 11 48 52.8 +2.4

19d 11h

Table with columns: N47A, baz=216, S, Sn, 11 48 52.8 +2.4

19d 11h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like P38A Dawn, X51A Calhoun, W52A Murphy, etc.

2017 SEP

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like BLA Blacksburg, RLO Rose Lookout, O54A Avella, etc.

1386

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like E43A Lone Tree Farm, 451A Vernon, SSSA Standing Stone, etc.



19d 12h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like JANG Nango, JHR Hokuryu, JCH Churui, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ASAR Alice Springs, PDAR Pinedale Array, N2SA Red Feather La, etc.

1388

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like HNDO Hondo, CPCT Cooper Cave, DRIO Del Rio, etc.



19d 13h

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like KK31 Karatay Array, KKAR Karatay Array, and many others.

2017 SEP

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like KARP comp=Z,51nm,1.0s, ARMT Armutlu, and many others.

1390

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like ARU Arti, ARU Arti, and many others.





19d 13h

Table with columns: Code, Name, Time, Status, Direction, and other metrics. Includes entries like IRK, CAF, TCF, VADS, SKAR, ARAD, etc.

2017 SEP

Table with columns: Code, Name, Time, Status, Direction, and other metrics. Includes entries like LYN, LYN, VOI, MDT, PBRG, TOAO, etc.

1392

Table with columns: Code, Name, Time, Status, Direction, and other metrics. Includes entries like MDJ, MDJ, MDJ, MDJ, MDJ, etc.

Table with columns: Station, Az, El, Dist, Status, Dist, Status, Dist, Status, Dist, Status, Dist, Status. Includes stations like F20K Avaraat Lake, E23K Chandalar, G15K Niukuk, etc.

Table with columns: I/LAR, Name, Az, El, Dist, Status, Dist, Status, Dist, Status, Dist, Status, Dist, Status. Includes stations like ILAR Bear Paw Mtn, IL14K Kuk Creek, L15K Ungalik Moun, etc.

Table with columns: KLU, Name, Az, El, Dist, Status, Dist, Status, Dist, Status, Dist, Status, Dist, Status. Includes stations like KLU Klutina, N25K Chitina, P17K Kvick River, etc.

IDC 19 14:17:53.1±29.0, 37:40'S. 179°68E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=751.8km s-min=39.8km az=52.0.
NOU 19 14:18:07.2, 37:39'S. 178°37E, h75km, MLv3.7/8, Off E.
WEL 19 14:18:10.2±0.6, 39°54'±17'8E.1, h35km, 6km, M3.1/54, ML3.8/12, MLv3.1/54, Error ellipse: s-maj=0.0km s-min=0.0km az=97.8, confirmed

Table with columns: Code, Station Name, Az, El, Dist, Status, Dist, Status, Dist, Status, Dist, Status, Dist, Status. Includes stations like PKGZ Pakihiroa, PUZ Puketiti, etc.

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

SJA 19 14:27:54.6-0.7, 31.825:72.60W, h7km, ML4.2, MW4.2
WRA 19 14:27:56.7-0.4, 32.125:72.55W, h10km, mb4.4

NEIC 19 14:27:59.3-1.6, 31.825:0.02-72.4W-0.1, h10km, 1km, mb4.5/13, Mw4.2/60, ML4.1 (GUC), Error ellipse: s-maj=14.8km s-min=2.9km az=277.0, Moment Tensor Solution...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO02, RO01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LMEL, BO01, etc.

PLCA 19 14:27:59.3, 31.825:72.35W, h10km
LVC 19 14:28:00.8-0.6, 31.825:72.32W-0.05, h4km, 11km, n160, e133/169, mb4.29, MS3.8/10, 11C-5D, Off coast of central Chile

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR, CGM3, etc.

EAF 19 14:45:31.3, 26.215:29.54E, h10km, MC3.5
BUL 19 14:45:32.4, 1.3, 26.185:29.45E, h10km, MD3.7, South Africa

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

IDC 19 14:49:35.0-1.7, 52.12N:178.01E, h128km, 5km, mb4.0/26, mbmp4.4/29, MS3.0/10, Error ellipse: s-maj=14.4km s-min=7.5km az=172.0

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



19d 14h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Gilahina Butte, Toolik Lake Re, Squaw Lake, etc.

2017 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Hart River, Mount Dempster, Eagle Plains, etc.

1396

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Newport, Yreka Blue Hor, Yreka Blue Hor, etc.

Table with columns: MONP2, BC3, U15A, CBX, MDND, IKP, PDMCI, BLYC, ULM, GLA, GLA, GLA, GLA, WUAZ, ZALV, MVCO, MVCO, ISCO, AGMN, S22A, W18A, SUSD, 214A, B35A, SDCO, ENH, TUC, TUC, TUC, T25A, T25A, EYMN, ECSD, ARCS, E38A, 121A, SPMN, CBKS, ARCES, KURK, KURK, G40B, KURBB, KURBB, WMQ, WMQ, MNTX, MNTX, MK31, MKAR, JFW5, BVAR, BVAR, BVAR, BRVK, POST, WMOK, P40A, W35A, TX31, TX32, TXAR, TXAR, ABTX, SCHO, HDIL, ARU, ARU, ARU, PZH, JCT, KIRV, SFIN, WHTX, MIAR, FINES, M53A

Table with columns: OXF, J5TA, CLTN, BINY, SSSA, CRAI, NB2, NOA, NOA, TKL, HFS, HRV, OBN, OBN, CMAR, CMAR, GUN, JIRN, RAMM, PKI, PKIN, DMN, AKAS, AKBB, KIV, KIV, KBZ, KBZ, ZEI, ZEI, WR0, WRAB, WRAB, WB2, WB2, WRA, ASAR, STKA, TORD, PLCA, MAW, BOS, BOS, ELIB, IDC 19:15:13.44.0.6.2.31.005x178.63W, h0km, mb3.8/2, ASAR, WRA, FINES, DJA 19:15:18.17.5.0.4.4.S4:12'9E, BNDI, GNDI, NLAI, FAKI, SWI, KMPI, RKPI, PLAI, IDC 19:15:25.46.6.7.6.8.05S:127.79E, h0km, mb3.7/1, DJA 19:15:25.63.2.0.7.7.S5:12'9E, BNDI, SAUI, FAKI, SOEI, BATI, SWI, WRA, WRA, STKA, KLR, NEIC 19:15:26.59.0.4.36'45N:0'01:98'80W:0'02, h6km, 1km, TUL 19:15:26.52.0.5.36'45N:0'00:98'80W:0'01, h6km, 3km, s-min=1.1km az=66.0, Oklahoma

Table with columns: OK038, OK038, U32A, U32A, NOKA, NOKA, NOKA, OK035, OK035, CROK, CROK, CSTR, CSTR, CAN10, CAN10, CAN12, CAN12, CAN06, CAN06, OK029, OK029, OK048, OK048, AMTX, AMTX, NEIC 19:15:27.13.7.0.6.42'606N:0'010:111'45W:0'01, h6km, 1km, UUSS 19:15:27.13.7.0.6.42'606N:0'010:111'45W:0'01, h6km, 1km, ISC 19:15:27.13.4.0.9.42'59N:0'02:111'41W:0'02, h6km, 7km, n79:1'69/87, Eastern Idaho, Code, Station Name, Az, Az, Phase ID, Time Res, h m s, h m s, ISC, ISC







Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGST Jiashian, CHN1 Nanshi, WTK Tuku, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMST Manzhou Townsh, TWY Chenhua, HEN Hengchun, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 19 16:21:05.9, OTT 19 16:21:06.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like comp=N, 1.6nm, 0.1s, IDC 19 16:32:56, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like IZV, KTBS, ZSN, AAK, AML, KURBB, etc.

UUSS 19 16:45:42.5, 0.8, 42.61N, 0.03, 111.46W, 0.07, h3km, 7km, Error ellipse: s-maj=8.4km s-min=1.3km az=65.0

NEIC 19 16:45:42.1, 1.0, 42.21N, 0.01, 111.47W, 0.02, h2km, 5km, ML2, 7/32, ML2, 8/12 (U.S.), Error ellipse: s-maj=2.4km s-min=1.7km az=90.0, Eastern ID

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ID06, ID05, ID05, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like IMW, BW06, PDD3, etc.

IDC 19 16:50:42.1, 1.0, 6.22N, 125.82E, h0km, mb4, 0/5, mbmp4, 0/6, ML3, 2/1, MS3, 0/2, Error ellipse: s-maj=65.3km s-min=17.6km az=61.0

DJA 19 16:50:48.8, 0.5, 2.2, N, 8, 12, 6E, h10km, M3, 9/10, mb4, 2/1, mb4, 8/1, MLv3, 7/10, Mw(MB)4, 1/1

NEIC 19 16:50:44.1, 5.1, 1.7N, 101.12, 30E, 0.08, h61km, 11km, mb4, 1/14, Error ellipse: s-maj=18.2km s-min=9.6km az=200.0

ISC 19 16:50:48.3, 0.9, 1.9N, 101.12, 50E, 0.09, h47km, n38, #1828/35, mb4, 1/11, Northern Molucca Sea

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

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

IDC 19 17:12:28.6, 1.4, 7.48S, 128.10E, h152km, 13km, mb3, 9/17, mbmp4, 4/21, MS3, 1/1, Error ellipse: s-maj=13.7km s-min=10.2km az=100.0

NEIC 19 17:12:30.1, 2.7, 7.45S, 0.06, 128.13E, 0.06, h168km, 7km, mb4, 6/5, Error ellipse: s-maj=10.9km s-min=5.2km az=139.0

DJA 19 17:12:30.4, 0.2, 8.2, S, 2, 12, 6E, h158km, 4km, M4, 7/27, mb5, 1/7, mb4, 5/27, MLv5, 0/12, Mw(MB)4, 4/7

ISC 19 17:12:28.2, 0.3, 7.50S, 0.04, 128.11E, 0.05, h150km, n177, #1867/176, mb4, 5/36, 1C-4D, Banda Sea

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GENI Genyem, JAY Jayapura, and KDU Kakadu.

NEIC 19 17:50:45.4e.1.7,31.78S:0.01x72.5W:0.1, h10kms1km, m-bn=5.8, ML4.3(GUC), Error ellipse: s-maj=15.1km, s-min=2.9km az=274.0

VAO 19 17:50:45.0.4.32.00S:72.69W, h30km, mb4.3, IDC 19 17:50:47.8.0.9, 31.89S:71.49W, h0km, mb4.1/6, mbmp3.9/10, ML3.8/4, MS3.3/6, Error ellipse: s-maj=32.6km s-min=20.7km az=92.0

GUC 19 17:50:49.2.0.8, 31.86S:72.14W, h36km, 3km, ML4.3, ISC 19 17:50:47.5.0.9, 31.79S:0.03x72.44W:0.07, h20km, 6km, n138, s1965/142, mb4.2/10, MS3.5/3, 11C-4D, Off coast of central Chile

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO02 Combarbal, ROC1 El Roble, CO03 El Pedregal, and many others.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BO01 Tunca, DOCA Reserva Natura, AR0D Rodeo, and many others.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, PZH PanZhiHu, and many others.

19d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Vista Hermosa, Oaxaca, Laguna Verde, etc.

2017 SEP

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

1404

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

OKCSW	I Amb	I Amb	18 18 39.5
DUN6	comp=Z,7um,1.1s	P	18 18 33.5 +0.7
DUN6	Lazy B Ranch	I Amb	18 18 38.2
PEZE	comp=Z,7um,1.3s	P	18 18 33.4 +0.4
PEZE	Perez Zaledon,	I Amb	18 18 41.3
Y22A	comp=Z,6um,1.7s	P	18 18 36.3 +1.1
Y22A	Socorro	S	18 18 56.7 +5.1
PRVC	baz=152	S	18 18 35.9 -0.1
PRVC	Isla de Provid	P	18 18 40.2 +6.0
Y22D	PRVC	eP	18 18 38.6 +2.6
Y22D	Isla de Provid	eP	18 18 38.4 +2.1
Y22D	IRIS PASCAL I	S	18 21 60.0 +6.3
Y22D	baz=152	S	18 18 38.1 +1.8
Y22D	IRIS PASCAL I	P	18 22 00.9 +7.2
Y22F	Passcal Instru	P	18 18 38.0 +1.7
Y22F	baz=152	S	18 21 59.7 +6.0
OK029	Libert Lake	I Amb	18 18 45.7
SRBA	comp=Z,3um,1.6s	P	18 18 38.1 +1.3
Y45A	San Rafael, Bu	P	18 18 34.8 -1.1
Y45A	Yeager Farm, C	Pn	18 18 35.8 -0.2
Y45A	Yeager Farm, C	Pn	18 21 51.1 +0.0
553A	baz=210	S	18 18 34.0 -2.2
553A	Crawfordville	P	18 18 36.6 +0.4
553A	Crawfordville	S	18 21 54.1 -0.9
DEOK	baz=231	I Amb	18 18 47.1
Z47A	Depew	I Amb	18 18 37.1 -0.1
Z47A	Carrollton	P	18 21 54.4 -2.3
Z47A	Carrollton	S	18 18 36.7 -0.5
250A	baz=215	P	18 18 39.8 +0.4
TUL3	Grady	P	18 21 58.8 -0.6
TUL3	Leonard	S	18 18 39.7 +0.4
TUL3	Leonard	S	18 21 57.2 -2.2
OK033	baz=188	I Amb	18 18 48.3
TUC	Mehan	I Amb	18 18 41.0 +0.5
TUC	Tucson	P	18 18 42.3 +1.7
TUC	Tucson	S	18 22 04.5 +2.8
TUC	baz=138	S	18 18 41.1 +0.5
WHAR	comp=Z,2um,1.3s	P	18 18 39.1 -1.0
WHAR	Wooly Hollow	I Amb	18 18 48.4
QUOK	comp=Z,4um,1.3s	I Amb	18 18 50.7
LRAL	Quay	P	18 18 41.0 -1.2
LRAL	Lakeview Retre	Pn	18 18 42.1 -0.1
LRAL	Lakeview Retre	S	18 22 03.8 -1.1
LRAL	baz=218,SNR=207	S	18 18 42.4 0.0
LRAL	Lakeview Retre	S	18 22 00.5 +0.1
LRAL	baz=218,SNR=207	S	18 18 41.4 -0.9
LRAL	Lakeview Retre	Pn	18 18 43.1 +0.4
U32A	Winter Ranch,	S	18 22 04.4 -1.2
U32A	baz=178,SNR=128	S	18 18 51.1
352A	Blakely	I Amb	18 18 42.6 -0.1
352A	Blakely	P	18 22 03.6 -2.1
352A	Blakely	S	18 18 44.1 +1.1
ANMO	Albuquerque	P	18 18 44.7 +1.6
ANMO	Albuquerque	S	18 22 10.3 +4.2
ANMO	Albuquerque	P	18 18 44.9 +1.8
ANMO	baz=155,SNR=845	S	18 22 04.9 -1.2
ANMO	Albuquerque	P	18 18 44.8 +1.8
ANMO	Albuquerque	P	18 18 44.6 +1.6
ANMO	Albuquerque	Pmax	18 22 03.6 -2.1
ANMO	Albuquerque	MLR	18 18 43.9 +0.9
ANMO	Albuquerque	MLR	18 26 19.8
ANMO	Albuquerque	MLR	18 18 41.2 -1.8
061Z	Ochoppi	P	18 18 41.5 -1.5
061Z	Ochoppi	P	18 18 54.1
RLO	Rose Lookout	I Amb	18 18 43.2 -0.3
OXF	comp=Z,3um,1.2s	P	18 22 05.3 -1.8
OXF	Oxford	S	18 18 43.0 -0.6
OXF	Oxford	P	18 18 42.9 -0.7
OXF	Oxford	Pn	18 18 42.8 -0.7
OXF	Oxford	P	18 18 44.3 +0.6
OXF	Oxford	P	18 22 02.8 -0.6
OXF	Oxford	P	18 18 47.1 +2.6
OXF	Oxford	P	18 18 49.1 +3.8
OXF	Oxford	P	18 18 49.2 +3.8
OXF	Oxford	P	18 18 49.7 +3.9
OXF	Oxford	P	18 18 46.9 0.0
OXF	Oxford	S	18 22 05.8 -3.9
OXF	Oxford	P	18 18 52.0 +4.2
OXF	Oxford	P	18 22 12.7 +1.2
OXF	Oxford	P	18 18 47.6 +0.2
OXF	Oxford	S	18 22 08.9 -2.5
OXF	Oxford	P	18 18 46.6 -2.0
OXF	Oxford	I Amb	18 18 59.0
OXF	Oxford	P	18 18 47.2 -1.4
OXF	Oxford	I Amb	18 19 17.4
OXF	Oxford	P	18 18 47.4 -1.1
OXF	Oxford	P	18 18 47.1 -1.4
OXF	Oxford	P	18 18 46.7 -1.9
OXF	Oxford	P	18 18 49.3 +0.1
OXF	Oxford	S	18 22 16.4 -0.2
OXF	Oxford	Pn	18 18 52.4 +2.2
OXF	Oxford	eS	18 22 13.7 -2.5
OXF	Oxford	P	18 18 49.2 -0.3
OXF	Oxford	I Amb	18 19 00.7
OXF	Oxford	P	18 18 49.8 +0.3

T35B	S	Sn	18 22 15.7 -0.3
DVD	baz=186	eP	18 18 54.8 +4.4
KAN13	South Haven SW	I Amb	18 19 02.1
U40A	Yellville	P	18 18 50.9 +0.2
U40A	baz=197,SNR=760	P	18 18 50.9 +0.2
U40A	baz=197	S	18 22 17.9 +0.8
U40A	baz=197	S	18 22 17.9 +0.8
KAN10	Anthony SW Sta	P	18 18 50.9 +0.1
214A	Organ Pipe Nat	P	18 18 51.5 -0.2
214A	Organ Pipe Nat	P	18 18 52.1 +0.3
214A	baz=133,SNR=180	S	18 22 25.5 +4.7
TIGA	Tifton	P	18 18 51.2 -0.7
TIGA	Tifton	S	18 22 22.2 -0.3
TIGA	Tifton	P	18 18 51.8 -0.1
TIGA	Tifton	S	18 22 21.8 +0.5
LCAR	Lake Charles	I Amb	18 19 02.3
LCAR	Lake Charles	P	18 18 52.5 +0.4
LCAR	Lake Charles	P	18 22 22.4 -0.4
KS20	Mayfield South	P	18 18 50.9 -1.3
PIX	Pinnacle	P	18 18 53.1 +0.4
Y49A	Blount Mountai	P	18 18 52.5 -0.4
Y49A	baz=218,SNR=262	S	18 22 23.3 0.0
060A	Indiantown	P	18 18 51.8 -1.1
060A	Indiantown	P	18 18 52.5 -0.4
060A	baz=247,SNR=14	S	18 22 20.2 -3.3
152A	Waverly Hall	P	18 18 53.0 -0.3
152A	baz=225,SNR=296	S	18 22 23.3 -1.2
X48A	Hartselle	P	18 18 53.9 -0.6
X48A	baz=216,SNR=282	S	18 22 25.5 -1.6
GNAR	Gosnell	I Amb	18 19 06.1
Z51A	Franklin	P	18 18 55.3 -0.3
Z51A	baz=222,SNR=56	S	18 22 29.3 +0.1
HALT	Halls	P	18 18 57.2 -0.1
HALT	Lenox	I Amb	18 19 10.2
LNXT	comp=Z,5um,1.0s	I Amb	18 18 58.8 +0.3
LNXT	Lenox	P	18 19 00.8 +0.5
T25A	Trinidad	P	18 22 44.2 +7.6
T25A	baz=163,SNR=410	S	18 19 00.6 -0.1
W18A	Petrified Fore	P	18 22 43.1 +5.8
W18A	baz=146,SNR=77	S	18 19 00.3 -0.4
SFX	San Felipe	Pn	18 19 12.9
MGMO	Mountain Grove	I Amb	18 18 59.5 -1.3
PVMO	Portageville	P	18 19 11.6
PVMO	Portageville	I Amb	18 19 15.9
GLAT	Glass	I Amb	18 19 01.6 -0.2
PBMO	Poplar Bluff	P	18 22 43.0 +0.1
PBMO	baz=203,SNR=99	S	18 19 02.0 -0.9
S39A	Bolivar	P	18 19 02.9 0.0
S39A	Bolivar	P	18 22 42.7 +0.1
S39A	baz=195,SNR=623	S	18 19 02.2 -0.8
PARMO	Parma	I Amb	18 19 14.5
PARMO	Parma	I Amb	18 19 14.3
255A	Hazlehurst	I Amb	18 19 02.5 -1.1
255A	Hazlehurst	P	18 22 44.5 +1.2
255A	baz=231,SNR=45	S	18 19 04.4 +0.9
113A	Mohawk Valley,	P	18 19 18.4
UTMT	University of	I Amb	18 19 14.8
HICK	Hickman	I Amb	18 19 05.8 -0.5
SPIG	San Pedro Mart	eP	18 19 08.5 +1.7
GMAL	Guarumal, Vera	I Amb	18 19 08.8 +2.0
GMAL	Guarumal, Vera	P	18 19 17.9
R32A	Long Quarter,	I Amb	18 19 05.5 +0.5
R32A	Long Quarter,	P	18 22 48.5 -1.7
R32A	baz=179,SNR=103	S	18 19 19.2
MTDJ	Mount Denham	I Amb	18 19 08.0 +0.5
MTDJ	Mount Denham	Pn	18 19 07.5 +0.1
MTDJ	Mount Denham	P	18 19 07.5 +0.1
MTDJ	Mount Denham	P	18 19 01.6 +0.6
WWT	Waverly	P	18 19 04.2 -1.7
WWT	Waverly	P	18 22 46.2 -2.0
WWT	Waverly	S	18 19 05.1 -0.9
WWT	Waverly	S	18 22 47.0 -1.2
WWT	Waverly	P	18 19 05.1 -0.9
WWT	Waverly	P	18 19 04.2 -1.7
Y52A	Liburn	I Amb	18 19 19.1
Y52A	Liburn	P	18 19 05.9 -0.9
Y52A	baz=224,SNR=155	P	18 22 48.6 -1.3
Y52A	baz=224	S	18 22 48.6 -1.3
Y52A	baz=224	S	18 19 05.4 -1.8
GOGA	Godfrey	P	18 19 06.0 -1.1
GOGA	Godfrey	P	18 22 51.7 +1.3
GOGA	Godfrey	S	18 19 06.2 -1.0
GOGA	Godfrey	S	18 22 51.1 +0.7
GOGA	Godfrey	P	18 19 06.0 -1.1
GOGA	Godfrey	P	18 19 05.4 -1.8
GOGA	Godfrey	Pmax	18 19 06.4 -0.7
GOGA	Godfrey	MLR	18 19 06.4 -0.7
V48A	Smith Brothers	P	18 22 49.6 -0.9
V48A	baz=214,SNR=130	S	18 19 20.1
X51A	Calhoun	I Amb	18 19 06.6 -1.0
X51A	Calhoun	P	18 19 06.6 -1.0

X51A	baz=221,SNR=91	S	18 22 50.3 -1.1
X51A	baz=221	S	18 22 50.3 -1.1
SDCO	Great Sand Dun	P	18 19 08.6 +0.4
SDCO	Great Sand Dun	P	18 27 32.1
SDCO	Great Sand Dun	P	18 19 09.6 -0.9
SDCO	Great Sand Dun	S	18 22 58.5 +1.5
SDCO	Great Sand Dun	P	18 19 09.6 -0.8
SDCO	Great Sand Dun	S	18 22 57.9 +0.8
VTX	Valle De La Tr	P	18 19 09.2 +0.6
PNME	Penonome	eP	18 19 11.2 0.0
PCJ	Portland Cotta	P	18 19 11.8 -0.2
CBKS	Cedar Bluff	I Amb	18 19 09.3 -0.3
CBKS	Cedar Bluff	I Amb	18 19 22.9
CBKS	Cedar Bluff	P	18 19 10.1 +0.5
CBKS	Cedar Bluff	S	18 22 55.2 +0.4
CBKS	Cedar Bluff	P	18 19 10.0 +0.5
CBKS	Cedar Bluff	S	18 22 55.7 +0.9
CBKS	Cedar Bluff	P	18 19 10.0 +0.5
CBKS	Cedar Bluff	Pmax	18 19 09.3 -0.3
BCIP	comp=Z,4um,0.9s	P	18 19 10.1 +0.4
BCIP	Isla Barro Col	P	18 19 10.5 +0.8
BCIP	Isla Barro Col	I Amb	18 26 22.6
BCIP	Isla Barro Col	P	18 19 10.6 +0.8
BCIP	Isla Barro Col	P	18 19 10.7 +0.9
BCIP	Isla Barro Col	Pmax	18 19 10.1 +0.4
BCIP	Isla Barro Col	MLR	18 19 08.2 -1.4
CGMS	Cape Girardeau	P	18 19 11.5 -1.1
LMGC	Las Mercedes	eP	18 19 58.9
LMGC	Las Mercedes	I Amb	18 23 03.6 +1.8
W50A	Signal Mountai	P	18 19 09.6 -0.8
W50A	Signal Mountai	S	18 22 58.5 +2.2
CACAO	El Cacao, Vera	Pn	18 19 14.3 +1.2
CACAO	El Cacao, Vera	S	18 23 01.4 -1.3
T45B	Peduchac	P	18 19 10.4 -0.4
T45B	Peduchac	S	18 22 59.3 +2.3
T45A	Peduchac	P	18 19 09.2 -1.6
MBIG	Mexicali	eP	18 19 11.4 +0.6
CHIT3	Chitre	eP	18 19 13.9 +0.4
WUAZ	Wupatki	I Amb	18 19 20.4
WUAZ	Wupatki	P	18 19 13.5 -0.2
WUAZ	Wupatki	S	18 23 04.6 +0.9
WUAZ	Wupatki	P	18 19 13.4 -0.3
R40A	Maddies Statio	I Amb	18 19 20.5
R40A	Maddies Statio	P	18 19 11.6 +0.1
R40A	Maddies Statio	S	18 22 57.6 -0.9
CPBX	Cerro Prieto	P	18 19 12.0 +0.2
CPBX	Cerro Prieto	I Amb	18 19 23.6
CCM	Cathedral Cave	P	18 19 10.6 -1.4
CCM	Cathedral Cave	I Amb	18 19 23.9
CCM	Cathedral Cave	P	18 19 12.1 +0.1
CCM	Cathedral Cave	S	18 23 01.9 +2.7
CCM	Cathedral Cave	P	18 19 11.7 -0.3
CCM			





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SCIA	baz=192 State Center	23.84	10	P	P	18 19 45.1	-0.8
SCIA	baz=192 State Center			S	S	18 23 55.9	-2.4
SCIA	baz=192 State Center	23.84	10	P	P	18 19 45.1	-0.8
GWY	Greenwater Val	23.85	321	P	P	18 19 46.2	-0.1
Y60A	comp=Z,6um,2.1s Bolivia	23.86	45	P	P	18 19 45.6	-0.7
Y60A	baz=235			P	P	18 19 45.6	-0.7
Y60A	baz=235			S	S	18 23 59.1	+0.2
Y60A	baz=235			S	S	18 23 59.1	+0.2
SNCC	baz=235 San Nicolas Is	23.90	312	P	P	18 19 46.2	-0.5
SNCC	comp=Z,6um,1.7s San Nicolas Is	23.90	312	P	P	18 19 47.1	+0.5
SNCC	baz=123			S	S	18 24 05.0	+5.4
SOLC	baz=123 Bahia Solano	23.90	118	eP	P	18 19 50.6	+3.8
U56A	King	23.97	38	P	P	18 20 08.8	
U56A	comp=Z,7um,2.0s King	23.97	38	P	P	18 19 45.7	-1.6
U56A	baz=227,SNR=29			P	P	18 19 45.7	-1.6
U56A	baz=227			S	S	18 24 00.9	+0.2
U56A	baz=227			S	S	18 24 00.9	+0.2
SFIN	baz=227 Lafayette	23.99	22	P	P	18 19 46.5	-0.8
SFIN	baz=208,SNR=115			S	S	18 23 58.8	-2.0
SFIN	baz=208 Lafayette	23.99	22	P	P	18 19 46.0	-1.4
SFIN	baz=208,SNR=115			S	S	18 24 00.5	-0.4
LRMC	baz=208 Laurel Mtn Rad	24.00	319	P	P	18 19 48.4	+0.7
LRMC	baz=130,SNR=71			S	S	18 24 07.0	+5.6
CCAC	baz=130 Calif City Air	24.00	318	IAMB	IAMB	18 19 55.2	
RDMU	Red Mountain	24.02	339	IAMB	IAMB	18 20 15.6	
K31A	comp=Z,3um,1.3s O'Neill	24.11	360	P	P	18 19 48.3	-0.2
OSI	baz=179,SNR=32 Osito Audit: C	24.14	316	P	P	18 19 49.5	+0.7
OSI	baz=126,SNR=39			S	S	18 24 09.4	+6.0
TPNV	baz=126 Topopah Spring	24.14	323	P	P	18 19 49.1	+0.1
TPNV	comp=Z,5um,1.6s			IAMB	IAMB	18 20 15.3	
TPNV	comp=Z,880um,20.0s Topopah Spring	24.14	323	P	P	18 19 49.9	+0.9
TPNV	baz=135,SNR=1000			S	S	18 24 11.7	+8.1
TPNV	baz=135 Topopah Spring	24.14	323	P	P	18 19 49.7	+0.8
TPNV	Topopah Spring	24.14	323	P	P	18 19 49.1	+0.1
TPNV	comp=Z,5um,1.6s			MLR	MLR		
FURC	comp=Z,880um,20.0s Furnace Creek,	24.16	322	P	P	18 19 49.5	+0.6
FURC	baz=133,SNR=173			S	S	18 24 10.6	+7.1
SJCC	baz=133 San Jacinto, C	24.16	107	P	P	18 19 50.2	+1.0
P49A	Miami Univ. Ec	24.20	27	P	P	18 20 17.4	
P49A	comp=Z,4um,1.2s Miami Univ. Ec	24.20	27	P	P	18 19 47.5	-1.8
P49A	baz=214,SNR=189			S	S	18 24 02.2	-1.9
P49A	baz=214 Miami Univ. Ec	24.20	27	P	P	18 19 47.3	-1.9
P49A	baz=214,SNR=189			S	S	18 24 02.5	-1.6
WCT	baz=214 Wildcat Mounta	24.25	323	IAMB	IAMB	18 19 57.0	
MPMC	Manual Prospec	24.26	320	P	P	18 19 50.4	+0.3
MPMC	baz=131,SNR=998			S	S	18 24 11.5	+5.8
RWWY	baz=131 Rawlins	24.34	344	P	P	18 19 50.8	-0.1
RWWY	comp=Z,5um,1.4s			IAMB	IAMB	18 20 17.1	
RWWY	comp=Z,444um,21.0s			IAMB	IAMB	18 30 08.6	
L40A	Anamosa	24.36	13	IAMB	IAMB	18 20 16.6	
L40A	comp=Z,2um,1.1s Anamosa	24.36	13	P	P	18 19 49.3	-1.4
L40A	baz=197,SNR=250			S	S	18 24 04.6	-2.2
V58A	baz=197 Windy Hill, Pi	24.37	41	IAMB	IAMB	18 20 21.7	
V58A	comp=Z,4um,1.6s Windy Hill, Pi	24.37	41	P	P	18 19 49.8	-1.1
V58A	baz=230,SNR=39			P	P	18 19 49.8	-1.1
V58A	baz=230,SNR=39			S	S	18 24 06.0	-1.1
V58A	baz=230			S	S	18 24 06.0	-1.1
SCZ2	baz=230 Santa Cruz Isl	24.39	314	P	P	18 19 51.8	+0.6
SCZ2	baz=124 Peebles			S	S	18 24 12.9	+5.4
Q51A	Q51A	24.40	30	P	P	18 19 49.8	-1.3
Q51A	baz=217,SNR=81			P	P	18 19 49.8	-1.3
Q51A	baz=217,SNR=81			S	S	18 24 04.6	-2.8
Q51A	baz=217			S	S	18 24 04.6	-2.8
W59A	baz=217 Clinton	24.41	43	P	P	18 19 50.5	-0.7
W59A	baz=232			S	S	18 24 07.7	+0.1
BSUT	Blindstream Ca	24.41	337	IAMB	IAMB	18 20 19.2	
S54A	comp=Z,3um,1.3s Dingess, Beckl	24.48	34	IAMB	IAMB	18 20 20.6	
S54A	comp=Z,6um,1.8s Dingess, Beckl	24.48	34	P	P	18 19 51.3	-0.6
S54A	baz=223,SNR=28			S	S	18 19 51.3	-0.6
S54A	baz=223,SNR=28			S	S	18 24 08.9	+0.1
S54A	baz=223			S	S	18 24 08.9	+0.1
ARVC	Arvin	24.51	317	P	P	18 19 53.1	+0.9
ARVC	baz=127,SNR=180			S	S	18 24 13.9	+4.6
DBBC	baz=127 Dabeiba	24.52	115	P	P	18 19 54.8	+2.2
R53A	Hurricane	24.54	33	P	P	18 19 51.5	-0.9
R53A	baz=221,SNR=126			P	P	18 19 51.5	-0.9
R53A	baz=221,SNR=126			S	S	18 24 08.4	-1.3
R53A	baz=221			S	S	18 24 08.4	-1.3
BLA	BLA	24.55	37	P	P	18 19 51.5	-1.1
BLA	BLA	24.55	37	P	P	18 19 52.0	-0.6
BLA	baz=225,SNR=36			S	S	18 24 09.4	-0.7
BLA	baz=225 Blacksburg	24.55	37	P	P	18 19 52.1	-0.5
BLA	baz=225,SNR=36			S	S	18 24 09.2	-0.9
BLA	baz=225 Blacksburg	24.55	37	P	P	18 19 52.3	-0.3
BLA	Blacksburg	24.55	37	P	P	18 19 51.5	-1.1
BLA	comp=Z,9um,2.2s			pmax	pmax		

BLA	comp=Z,100um,22.0s Santa Marta, M	24.57	104	P	P	18 19 54.9	+2.0
M44A	Midewin, Midew	24.58	19	P	P	18 20 05.9	-1.2
M44A	baz=204,SNR=98			S	S	18 24 08.9	-1.4
ISA	baz=204 Isabella, Lake	24.61	318	P	P	18 19 53.4	+0.2
ISA	Isabella, Lake	24.61	318	P	P	18 19 54.1	+0.9
ISA	baz=129,SNR=119			S	S	18 24 17.1	+6.0
ISA	baz=129 Isabella, Lake	24.61	318	P	P	18 19 53.4	+0.2
ISA	ISA			pmax	pmax		
O48B	comp=Z,2um,1.4s Farmland	24.62	25	P	P	18 19 51.3	-1.9
O48B	baz=212,SNR=206			S	S	18 24 05.7	-5.3
O48B	baz=212			S	S	18 19 51.2	-1.9
O48B	Farmland	24.62	25	P	P	18 24 09.4	-1.6
K38A	comp=Z,3um,1.1s Parkersburg	24.63	10	IAMB	IAMB	18 20 24.8	
K38A	Parkersburg	24.63	10	P	P	18 19 51.5	-1.6
K38A	comp=Z,3um,1.2s Parkersburg	24.63	10	P	P	18 24 10.1	-1.0
K38A	baz=193,SNR=130			S	S	18 19 57.2	+3.7
P1ZC	Pizarro, Choco	24.64	120	eP	P	18 19 57.2	+3.7
SPR3	Spring Creek 3	24.66	329	IAMB	IAMB	18 20 03.6	
L42A	comp=Z,2um,0.9s Oliver, Polo	24.68	16	IAMB	IAMB	18 20 02.5	
L42A	comp=Z,2um,0.9s Oliver, Polo	24.68	16	P	P	18 19 52.2	-1.5
L42A	baz=200,SNR=184			S	S	18 24 09.2	-2.7
SBC	baz=200 Santa Barbara	24.70	314	P	P	18 19 54.3	+0.5
SBC	baz=125,SNR=21			S	S	18 24 19.2	+6.9
UREC	baz=125 San Jos de Ur	24.76	112	P	P	18 19 56.4	+1.8
UREC	UREC			eS	eS	18 24 18.4	+4.7
UREC	San Jos de Ur	24.76	112	P	P	18 19 56.2	+1.7
BCW	Bitter Crk WRg	24.78	316	IAMB	IAMB	18 20 02.2	
R11B	comp=Z,2um,1.2s Troy Canyon, C	24.80	327	P	P	18 19 55.5	+0.5
R11B	baz=138,SNR=1000			S	S	18 24 19.8	+5.6
CNCC	Cliffs of the	24.81	43	IAMB	IAMB	18 20 26.3	
CNCC	Cliffs of the	24.81	43	P	P	18 19 54.5	-0.4
CNCC	Cliffs of the	24.81	43	S	S	18 24 14.7	+0.6
CNCC	Cliffs of the	24.81	43	P	P	18 19 54.4	-0.4
CNCC	Cliffs of the	24.81	43	S	S	18 24 14.3	+0.3
CNCC	Cliffs of the	24.81	43	P	P	18 19 54.9	+0.1
GRAC	Grapevine Rang	24.81	322	P	P	18 19 56.2	+1.3
GRAC	baz=133,SNR=803			S	S	18 24 21.2	+6.9
Q52A	baz=133 Bidwell	24.86	31	P	P	18 19 53.8	-1.6
Q52A	baz=219,SNR=97			P	P	18 19 53.8	-1.6
Q52A	baz=219			S	S	18 24 13.6	-1.3
Q52A	baz=219			S	S	18 24 13.6	-1.3
CWC	Cottonwood Cre	24.87	320	P	P	18 19 56.2	+0.6
CWC	baz=131			S	S	18 24 21.7	+6.3
PAPH	baz=131 Port-au-Prince	24.88	86	P	P	18 19 57.3	+1.6
PAPH	PAPH			IAMB	IAMB	18 20 06.4	
PAPH	comp=Z,5um,1.4s Port-au-Prince	24.88	86	eP	P	18 19 58.3	+2.6
P51A	P51A	24.89	29	IAMB	IAMB	18 24 19.0	+3.5
P51A	Williamsport	24.89	29	P	P	18 20 06.0	
P51A	Williamsport	24.89	29	P	P	18 19 53.9	-1.6
P51A	comp=Z,2um,0.7s Williamsport	24.89	29	P	P	18 19 53.9	-1.6
P51A	baz=217,SNR=68			S	S	18 24 13.2	-2.1
P51A	baz=217,SNR=68			S	S	18 24 13.2	-2.1
P51A	baz=217			S	S	18 24 13.2	-2.1
O49A	Covington	24.90	27	IAMB	IAMB	18 20 17.9	
O49A	comp=Z,5um,1.6s Covington	24.90	27	P	P	18 19 54.0	-1.7
O49A	baz=214,SNR=156			P	P	18 19 54.0	-1.7
O49A	baz=214,SNR=156			S	S	18 24 12.3	-3.2
O49A	baz=214			S	S	18 24 12.3	-3.2
DUG	baz=214 Dugway, Tooele	24.94	333	P	P	18 19 56.9	+0.6
DUG	baz=146,SNR=302			S	S	18 24 21.0	+4.6
DUG	baz=146 Dugway, Tooele	24.94	333	P	P	18 19 56.5	+0.3
DUG	Dugway, Tooele	24.94	333	P	P	18 19 56.7	+0.5
N47A	comp=Z,878nm,2.1s Urbana	24.94	24	P	P	18 19 53.5	-2.5
N47A	comp=Z,2um,0.9s Urbana	24.94	24	P	P	18 20 04.6	
N47A	baz=210,SNR=106			P	P	18 19 54.0	-2.1
N47A	baz=210,SNR=106			P	P	18 19 54.0	-2.1
N47A	baz=210			S	S	18 24 12.8	-3.4
N47A	baz=210			S	S	18 24 12.8	-3.4
GMN	Gold Mountain	24.96	323	IAMB	IAMB	18 20 07.2	
ARGC	comp=Z,3um,1.5s Artisan, Magd	25.02	107	P	P	18 19 59.6	+2.6
PKM	Mcperson Peak	25.02	315	P	P	18 19 57.7	+0.6
PKM	baz=125,SNR=359			S	S	18 24 23.3	+5.4
K22A	baz=125 Casper	25.08	346	IAMB	IAMB	18 20 28.9	
K22A	comp=Z,3um,1.3s Casper	25.08	346	P	P	18 19 57.4	0.0
K22A	baz=162,SNR=334			S	S	18 24 19.8	+2.2
K22A	baz=162 Casper	25.08	346	P	P	18 19 57.5	+0.1
K22A	baz=162,SNR=334			S	S	18 24 21.9	+3.4
T57A	baz=162 Hurt	25.08	39	IAMB	IAMB	18 20 28.2	
T57A	comp=Z,1um,1.1s Hurt	25.08	39	P	P	18 19 56.9	-0.5
T57A	baz=228,SNR=57			P	P	18 19 56.9	-0.5
T57A	baz=228,SNR=57			S	S	18 24 12.1	-6.3
T57A	baz=228						

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Table with columns for station ID, name, frequency, and other technical details. Includes stations like BW06 Boulder Array, YOTC Yotoco, Valle, and T60A Surry.

2017 SEP

Table with columns for station ID, name, frequency, and other technical details. Includes stations like O54A Avella, CRUC La Cruz, and M53A WI Miller and.

1408

Table with columns for station ID, name, frequency, and other technical details. Includes stations like M53A WI Miller and, BOG Bogota, and T60A Surry.

GLMI	comp=Z,3um,1.1s	IAMB	IAMB	18 21 26.1	EYMN	baz=193	S	S	18 25 33.5 -2.2	comp=Z,552um,21.1s, baz=144, slow=39										
GLMI	comp=Z,240um,18.0s	IAMS_20	IAMS_20	18 34 04.7	EYMN	Ely	29.99	9	↓ P	P	18 20 39.4 -1.9	N62A	Caumsett State	31.06	38	P	P	18 20 49.7 -1.0		
GLMI	baz=208, SNR=9.2				B35A	Bob, Littlefor	30.11	6	↓ P	P	18 20 40.3 -1.9	N62A	baz=231					P	P	18 20 49.7 -1.0
GLMI	Graying	28.77	21	P							18 25 32.8 -4.6	N62A	baz=231					S	S	18 25 51.8 -0.6
GLMI	baz=208, SNR=9.2				AOPR	Arecibo Observ	30.14	85	eP	P	18 20 43.0 +0.1	N62A	baz=231					S	S	18 25 51.8 -0.6
GLMI	Graying	28.77	21	↓ P	KSPA	Keystone Colle	30.16	35	IAMB	IAMB	18 21 44.4	K04D	Chloiquin, OR	31.13	326	P	P	18 20 51.3 -0.2		
MFID	Camas Ranch	28.87	333	P							18 25 35.8 -2.5	K04D	comp=Z,2um,1.2s					IAMB	IAMB	18 20 57.9
LAO	comp=Z,2um,1.6s				KSPA	baz=227, SNR=8.2					18 20 42.9 +0.1	NPND	comp=Z,2um,1.2s	31.19	37	P	P	18 20 51.7 -0.2		
LAO	LAZA Array	28.88	349	P							18 20 40.9 -2.5	NPNY	Motchk Preserv	31.19	37	P	P	18 20 51.7 -0.2		
LAO	baz=165				E46A	Sault Ste Mari	30.24	20	P	P	18 20 41.9 -1.4	JCC	Jacoby Creek	31.24	321	IAMS_20	IAMS_20	18 33 46.0		
LAO	LAZA Array	28.88	349	P							18 25 36.3 -3.2	J57A	Williamstown	31.33	32	P	P	18 20 51.6 -1.4		
LAO	baz=165, SNR=64				E46A	Sault Ste Mari	30.24	20	P	P	18 20 41.9 -1.4	J57A	baz=224, SNR=74					S	S	18 20 51.6 -1.4
LAO	baz=165				BRNJ	Basking Ridge	30.26	38	IAMB	IAMB	18 21 51.1	J57A	baz=224					S	S	18 25 52.5 -4.2
LAO	LAZA Array	28.88	349	↓ P	BRNJ	comp=Z,1um,1.2s					18 20 43.6 0.0	J57A	baz=224					S	S	18 25 52.5 -4.2
LAO	LAZA Array	28.88	349	↓ P	BRNJ	Basking Ridge	30.26	38	P	P	18 20 43.6 0.0	J57A	baz=224					S	S	18 25 52.5 -4.2
MCCM	Marconi Confer	28.93	318	↓ P	BRNJ	comp=Z,2um,1.9s					18 25 37.0 -2.9	J57A	baz=224					S	S	18 25 52.5 -4.2
ORV	Oroville	28.94	321	IAMS_20	IAMS_20	18 32 59.1					18 20 43.0 -1.3	J57A	baz=224					S	S	18 25 52.5 -4.2
GEDE	Greenville	29.07	38	P							18 20 44.6 +0.6	J57A	baz=224					S	S	18 25 52.5 -4.2
GEDE	comp=Z,337um,21.0s				KCPM	Cahto Peak	30.28	320	P	P	18 20 51.6	DELO	Deloro Mine	31.35	29	P	P	18 20 51.1 -2.1		
GEDE	baz=230				KCPM	comp=Z,2um,1.1s					18 20 48.6	F10A	Beach Ranch, E	31.53	335	↓ P	P	18 20 54.5 -0.4		
MACC	Macarena, Meta	29.11	121	↓ P	OBIP	Obispado Ponce	30.31	86	P	P	18 20 43.0 -1.3	PINE	Pine Mountain	31.54	328	IAMB	IAMB	18 21 02.9		
MCRA	Macar, Loja	29.13	139	P	OBIP	comp=Z,2um,1.5s					18 20 52.8	KRMB	Red Mountain	31.61	322	P	P	18 20 54.6 -1.1		
MCRA	Macar, Loja	29.13	139	↓ P	OBIP	comp=Z,2um,1.2s					18 33 57.8	KRMB	comp=Z,1um,1.1s					IAMB	IAMB	18 21 02.5
N58A	Sunbury	29.14	35	IAMB	IAMB	18 21 34.2					18 20 44.0 -0.1	J58A	Remsen	31.66	33	P	P	18 20 54.9 -1.1		
N58A	comp=Z,2um,1.9s				DGMT	Dagmar	30.31	353	P	P	18 25 41.6 +0.9	J58A	baz=226, SNR=31					S	S	18 20 54.9 -1.1
N58A	baz=226, SNR=15				DGMT	baz=169, SNR=32					18 20 43.9 -0.2	J58A	baz=226, SNR=31					S	S	18 25 59.0 -2.8
N58A	baz=226				DGMT	baz=169, SNR=32	30.31	353	P	P	18 20 43.9 -0.2	J58A	baz=226					S	S	18 25 59.0 -2.8
N58A	baz=226				DGMT	baz=169					18 25 40.8 +0.1	HCNY	Howe Caverns	31.68	35	P	P	18 20 55.4 -0.8		
N58A	baz=226				DGMT	Dagmar	30.31	353	↓ P	P	18 20 43.8 -0.2	HCNY	baz=228, SNR=19					S	S	18 25 57.6 -4.4
BOZ	Bozeman (W)	29.19	341	IAMB	IAMB	18 20 43.4					18 20 41.9 -2.2	G08A	Pilot Rock	31.72	332	IAMB	IAMB	18 21 07.5		
BOZ	comp=Z,2um,1.6s				J55A	Hilton	30.32	31	P	P	18 20 42.7 -1.4	G08A	comp=Z,1um,1.1s					IAMB	IAMB	18 21 07.5
BOZ	Bozeman (W)	29.19	341	P							18 20 42.7 -1.4	KSXB	Camp Six Broad	31.79	323	IAMB	IAMB	18 21 07.5		
BOZ	baz=154, SNR=213				J55A	baz=222					18 25 37.7 -3.0	ULM	Lac du Bonnet	31.82	3	↓ P	P	18 20 55.2 -2.0		
BOZ	baz=154				J55A	baz=222					18 25 37.7 -3.0	ULM	Lac du Bonnet	31.82	3	↓ P	P	18 20 55.2 -2.0		
BOZ	Bozeman (W)	29.19	341	↓ P	BINY	Binghamton	30.48	34	P	P	18 20 44.9 -0.7	ULM	comp=Z,161nm,1.0s, baz=194, slow=8.8, SNR=43					IAMB	IAMB	18 35 01.5
BOZ	Bozeman (W)	29.19	341	↓ P	BINY	baz=226, SNR=26					18 25 39.8 -3.6	ULM	comp=Z,347um,20.0s, baz=179, slow=36					IAMB	IAMB	18 52 30.7
PSUB	Penn St. - Bra	29.25	38	S	BINY	baz=226, SNR=26					18 20 45.0 -7.2	ULM	comp=Z,7.7nm,0.9s, baz=339, slow=3.3, SNR=5.7					IAMB	IAMB	18 52 30.7
M57A	Sunshine Farm,	29.27	34	P	BINY	Binghamton	30.48	34	P	P	18 20 45.0 -7.2	WCNY	Wes Carriage	31.91	32	P	P	18 20 56.5 -1.6		
M57A	comp=Z,3um,2.0s				BINY	baz=226, SNR=26					18 25 40.9 -2.5	WCNY	baz=224					S	S	18 26 03.8 -1.9
M57A	Sunshine Farm,	29.27	34	P	BINY	Binghamton	30.48	34	↓ P	P	18 20 45.0 -0.6	TRY	Troy	32.10	36	P	P	18 20 58.3 -1.5		
M57A	baz=225, SNR=29				BINY	Ogdensburg	30.49	37	IAMB	IAMB	18 21 29.9	TRY	comp=Z,1um,1.7s					IAMB	IAMB	18 22 11.0
M57A	baz=225				BINY	Ogdensburg	30.49	37	P	P	18 20 45.8 +0.1	TRY	Troy	32.10	36	P	P	18 20 60.0 +0.1		
M57A	baz=225				ODNJ	Ogdensburg	30.49	37	P	P	18 25 42.0 -1.5	TRY	baz=229, SNR=10.0					S	S	18 26 05.4 -3.3
DLMT	Dillon	29.30	340	IAMB	IAMB	18 20 44.3					18 21 54.6	I05D	Terrebonne, OR	32.13	328	IAMB	IAMB	18 21 04.8		
DLMT	comp=Z,3um,1.1s				ODNJ	baz=229					18 20 45.1 -1.4	J59A	Plesco	32.14	34	P	P	18 20 59.7 -0.6		
MDND	Madcock	29.35	359	IAMB	IAMB	18 21 03.1					18 25 42.2 -2.8	J59A	baz=227, SNR=37					P	P	18 20 59.7 -0.6
MDND	comp=Z,3um,1.2s				K57A	Scipio Center	30.58	33	IAMB	IAMB	18 20 54.3	J59A	baz=227					S	S	18 26 03.6 -5.8
MDND	baz=178, SNR=40				K57A	Scipio Center	30.58	33	P	P	18 20 54.3	J59A	baz=227					S	S	18 26 03.6 -5.8
MDND	baz=178				K57A	baz=224					18 20 46.3 -0.9	M63A	Gales Ferry	32.19	39	IAMB	IAMB	18 21 50.0		
MDND	Madcock	29.35	359	P							18 20 46.3 -0.9	M63A	comp=Z,894nm,1.1s					P	P	18 21 00.5 -0.1
MDND	baz=178, SNR=40				BMO	Blue Mountains	30.66	333	IAMB	IAMB	18 20 54.7	M63A	baz=233, SNR=39					S	S	18 21 00.5 -0.1
MDND	baz=178				BMO	comp=Z,57um,19.0s					18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	Madcock	29.35	359	P							18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178, SNR=40				BMO	Blue Mountains	30.66	333	IAMB	IAMB	18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178				BMO	comp=Z,57um,19.0s					18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	Madcock	29.35	359	P							18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178, SNR=40				BMO	Blue Mountains	30.66	333	IAMB	IAMB	18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178				BMO	comp=Z,57um,19.0s					18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	Madcock	29.35	359	P							18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178, SNR=40				BMO	Blue Mountains	30.66	333	IAMB	IAMB	18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178				BMO	comp=Z,57um,19.0s					18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	Madcock	29.35	359	P							18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178, SNR=40				BMO	Blue Mountains	30.66	333	IAMB	IAMB	18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178				BMO	comp=Z,57um,19.0s					18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	Madcock	29.35	359	P							18 20 46.3 -0.9	M63A	baz=233					S	S	18 26 08.7 -1.4
MDND	baz=178, SNR=40				BMO	Blue Mountains	30.66	333												

19d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HRV Adam Dzewonski, L64A Middleborough, and BBSR BB Station.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKME Peaks-Kenny Pk, F36A, and F63A.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like T35M, CRAG Craig, and R33M.

P33M	comp=Z,2um,1.5s teslin, Yukon baz=134,SNR=231	48.40 338	P	P	18 23 14.9 +0.5
P33M			S	S	18 20 15.9 +4.7
PB02	IPOC Station P comp=Z,858nm,0.9s	48.45 143	Iamb	Iamb	18 23 48.2
PB02	IPOC Station P	48.45 143	I/P	P	18 23 16.9 +1.6
PB01	IPOC Station P	48.47 143	Iamb	Iamb	18 23 20.6
PB01	comp=Z,2um,1.8s				
PB01	IPOC Station P	48.47 143	I/P	P	18 23 16.6 +1.2
PB07	IPOC Station P	48.78 144	Iamb	Iamb	18 23 23.2
PB07	comp=Z,1um,1.4s				
PB07	IPOC Station P	48.78 144	I/P	P	18 23 18.9 +1.0
PB07	IPOC Station P	48.78 144	S	S	18 30 17.1 -0.6
PB07	IPOC Station P	48.78 144	S	S	18 23 14.6 -3.2
SKAG	Skagway comp=Z,664nm,1.4s	48.82 336	Iamb	Iamb	18 23 25.6
SKAG	Skagway	48.82 336	P	P	18 23 17.4 -0.1
SKAG	Skagway	48.82 336	P	P	18 23 18.1 +0.6
SKAG	baz=131,SNR=57				
SKAG	baz=131		S	S	18 30 24.6 +7.6
SKAG	Skagway	48.82 336	I/P	P	18 23 17.9 +0.5
VILB	Vilhena	49.01 127	P	P	18 23 19.2 -0.4
VILB	Vilhena	49.01 127	eP	P	18 23 20.0 +0.4
PB04	IPOC Station P	49.12 144	I/P	P	18 23 21.9 +1.5
N32M	Quiet Lake comp=Z,356nm,18.0s	49.15 339	IAMS_20	IAMS_20	18 45 57.6
N32M	Quiet Lake	49.15 339	P	P	18 23 20.9 +0.8
N32M	baz=134		S	S	18 30 25.3 +3.5
N32M	baz=134		S	S	18 23 22.7 +1.6
PB09	IPOC Station P	49.20 143	I/P	P	18 23 19.2 -2.0
TAOE	Nuku Hiva Isla comp=Z,741nm,1.4s	49.21 240	ePKP1	P	18 30 32.1 +8.3
TAOE			eS	S	18 30 32.1 +8.3
TAOE	comp=Z,61um,25.0s		eSS	SS	18 34 03.8 +7.9
TAOE	comp=Z,80um,30.1s		eLQ	LQ	18 35 24.6
TAOE	comp=Z,170um,24.6s		eLR	LR	18 37 37.7
TAOE	comp=Z,362um,27.1s				
TAOE	Nuku Hiva Isla	49.21 240	P	P	18 23 22.6 +1.4
TAOE			Iamb	Iamb	18 23 29.6
TAOE	comp=Z,2um,2.2s				
TAOE	Nuku Hiva Isla	49.21 240	P	P	18 23 23.7 +2.5
TAOE	Nuku Hiva Isla	49.21 240	I/P	P	18 23 21.6 +0.4
MCPB	Macapaa, AP	49.33 107	eP	P	18 23 23.1 +1.0
WHY	Whitehorse	49.45 337	P	P	18 23 22.9 +0.4
WHY	baz=132,SNR=140		S	S	18 30 31.1 +5.0
NPGB	Novo Progresso	49.55 117	eP	P	18 23 22.9 -0.8
MMPY	Sheldon Lake	49.62 341	P	P	18 23 24.9 +1.2
MMPY	baz=138,SNR=676		S	S	18 30 31.9 +3.6
FRB	Frobisher Bay	49.67 17	I/P	P	18 23 22.7 -1.2
PB06	IPOC Station P	49.73 144	I/P	P	18 23 26.3 +1.2
P29M	Windy Craggy	49.87 335	Iamb	Iamb	18 23 34.1
P29M	comp=Z,268nm,1.2s				
P29M	Windy Craggy	49.87 335	P	P	18 23 26.6 +1.0
P29M	baz=128,SNR=205		S	S	18 30 37.9 +6.0
P30M	Million Dollar	49.88 336	P	P	18 23 26.5 +0.9
P30M	baz=129		S	S	18 30 38.2 +6.2
O30N	Mendenhall	49.97 337	Iamb	Iamb	18 23 34.7
O30N	Mendenhall	49.97 337	P	P	18 23 27.2 +0.8
O30N	baz=131,SNR=306		S	S	18 30 38.3 +5.1
FARO	Faro, Yukon	50.00 340	Iamb	Iamb	18 23 35.8
FARO	comp=Z,677nm,1.1s				
FARO	Faro, Yukon	50.00 340	P	P	18 23 26.8 +0.3
FARO	baz=135,SNR=399		S	S	18 30 38.2 +4.6
LVC	Limon Verde	50.03 143	P	P	18 23 28.9 +1.3
LVC	Limon Verde	50.03 143	I/P	P	18 23 29.4 +1.8
LVC	Limon Verde	50.03 143	eP	P	18 23 29.8 +2.2
LVC	Limon Verde	50.03 143	P	P	18 23 29.5 +1.9
LVC	comp=Z,126nm,0.9s, baz=327,slow=6.6,SNR=46		P	P	18 54 20.1 +3.1
LVC	comp=Z,6.7nm,0.9s, baz=148,slow=5.3,SNR=5.4		P	P	
LVC	Limon Verde	50.03 143	P	P	18 23 29.5 +1.9
PB15	IPOC Station P	50.19 144	Iamb	Iamb	18 23 49.1
PB15	comp=Z,1um,1.5s				
PB15	IPOC Station P	50.19 144	I/P	P	18 23 29.8 +1.1
SIV	San Ignacio	50.30 131	P4KPBc	P	19 01 05.4
N31M	Braeburn, Yuko	50.33 338	P	P	18 23 29.9 +0.8
N31M	baz=132,SNR=436		S	S	18 30 43.1 +4.9
M31M	Drury Creek, Y	50.33 339	Iamb	Iamb	18 23 37.2
M31M	comp=Z,622nm,1.0s				
M31M	Drury Creek, Y	50.33 339	P	P	18 23 29.8 +0.8
M31M	baz=134,SNR=392		S	S	18 30 43.1 +4.9
HYT	Haines Junction	50.53 336	P	P	18 23 32.0 +1.3
HYT	baz=129,SNR=503		S	S	18 30 47.2 +6.0
PNL	Peninsula	50.57 335	P	P	18 23 31.3 +0.5
PNL	Peninsula	50.57 335	P	P	18 23 31.6 +0.8
PNL	baz=126,SNR=116		S	S	18 30 46.2 +4.7
O29M	Mount Kennedy	50.62 336	Iamb	Iamb	18 23 38.3
O29M	comp=Z,111nm,0.9s				
O29M	Mount Kennedy	50.62 336	P	P	18 23 32.2 +0.9
O29M	baz=128,SNR=227		S	S	18 30 47.9 +5.4
AF01	San Pedro de A	50.71 143	I/P	P	18 23 34.7 +2.0
N30M	Aishikik Lake	50.79 337	P	P	18 23 32.8 +0.2
N30M	Aishikik Lake	50.79 337	P	P	18 23 33.7 +1.2
N30M	baz=130,SNR=354		S	S	18 30 50.7 +6.1
PB14	IPOC Station P	50.83 146	Iamb	Iamb	18 23 38.6
PB14	comp=Z,2um,1.6s				
PB14	IPOC Station P	50.83 146	P	P	18 23 31.1 -2.5
BCPM	Bancas Point	50.83 335	Iamb	Iamb	18 23 41.3
BCPM	comp=Z,682nm,1.1s				
PDRB	Porto das Cac	50.91 123	eP	P	18 23 33.1 -0.9
YUK6	Outpost Mounta	50.94 336	P	P	18 23 35.3 +1.5
YUK6	baz=128,SNR=306		S	S	18 30 53.1 +6.1
PINM	Pinnacle	51.17 335	P	P	18 23 36.5 +1.1
PINM	baz=126,SNR=132		S	S	18 30 55.7 +5.8
PCA	Pinnacle	51.17 335	P	P	18 23 35.7 +0.2
PCA	comp=Z,649nm,1.0s				
CLDB	Colider	51.24 121	eP	P	18 23 36.5 -0.1
YUK4	Talbot Arm	51.29 337	P	P	18 23 37.8 +1.3
YUK4	baz=129,SNR=380		S	S	18 30 57.6 +5.7
PTLB	Pontes e Lacer	51.37 128	P	P	18 23 36.9 -0.5
PTLB	comp=Z,1um,1.5s				
PTLB	Pontes e Lacer	51.37 128	eP	P	18 23 37.5 +0.1
M30M	Minto, Yukon	51.41 338	Iamb	Iamb	18 23 45.1
M30M	comp=Z,532nm,1.1s				
M30M	Minto, Yukon	51.41 338	P	P	18 23 37.7 +0.5
M30M	baz=131,SNR=373		S	S	18 30 57.9 +4.7
BBS0	Serra de San D	51.43 131	eP	P	18 23 37.3 -0.5
O28M	Mount Upton	51.54 335	P	P	18 23 39.8 +1.3
O28M	baz=126,SNR=301		S	S	18 31 01.0 +5.5

YUK8	Steele Glacier baz=127,SNR=783	51.68 336	P	P	18 23 40.7 +1.2
GO02	Mina Guanaco	51.69 146	I/P	P	18 23 41.6 +1.6
GO02	Mina Guanaco	51.69 146	I/P	P	18 23 41.6 +1.6
GO02	Mina Guanaco	51.69 146	I/P	P	18 23 41.2 +1.2
MAYO	Mayo, Yukon	51.79 340	P	P	18 23 40.8 +0.8
LOGN	Logan Glacier comp=Z,2um,1.5s	51.90 335	Iamb	Iamb	18 23 49.7
LOGN	comp=Z,281um,22.0s		IAMS_20	IAMS_20	18 46 55.4
MESA	MESA	51.91 334	P	P	18 23 42.5 +1.4
MESA	baz=124,SNR=63		S	S	18 31 05.4 +5.0
M29M	Somme Creek comp=Z,955nm,0.9s	51.92 338	Iamb	Iamb	18 23 45.2
M29M	Somme Creek	51.92 338	P	P	18 23 42.0 +1.0
M29M	baz=129,SNR=710		S	S	18 23 41.6 +0.3
YAH	Yahitse	51.93 334	P	P	18 23 46.2 +4.4
YAH			IAMS_20	IAMS_20	18 46 52.4
AC01	Pan de Azucar Chitina Glacier	51.97 148	I/P	P	18 23 42.6 +0.9
CTGM	comp=Z,731nm,1.1s	52.11 335	Iamb	Iamb	18 23 51.3
CTG	Chitina Glacier	52.11 335	P	P	18 23 43.7 +1.2
GRNC	Granite Creek baz=125,SNR=248	52.15 335	IAMS_20	IAMS_20	18 47 12.0
L29M	L29M	52.23 336	P	P	18 23 44.0 +0.8
YUK3	Moose Creek baz=130,SNR=831	52.25 334	P	P	18 23 44.3 +0.7
SNH	Sunshine Point comp=Z,216um,21.0s	52.28 336	IAMS_20	IAMS_20	18 47 34.7
BARN	Barnard Glacie comp=Z,244um,20.0s	52.29 335	Iamb	Iamb	18 23 53.5
BARN	comp=Z,830nm,1.1s		IAMS_20	IAMS_20	18 47 53.9
BGLC	Bering Glacier baz=122,SNR=7.8	52.44 334	P	P	18 23 46.5 +1.7
K29M	Barlow Dome	52.50 339	P	P	18 23 44.9 -0.4
K29M	comp=Z,2um,1.7s		Iamb	Iamb	18 23 51.1
K29M	Barlow Dome	52.50 339	P	P	18 23 45.5 +0.2
K29M	baz=131,SNR=368		S	S	18 30 54.5
TGL	Tana Glacier comp=Z,1um,1.2s	52.60 334	Iamb	Iamb	18 23 48.0 +0.9
J30M	Hart River comp=Z,205um,18.0s	52.60 341	Iamb	Iamb	18 23 55.0
J30M	comp=Z,90nm,1.4s				
J30M	Hart River	52.60 341	P	P	18 23 46.3 +0.2
SUCK	Suckling Hills comp=Z,219um,21.0s	52.62 333	IAMS_20	IAMS_20	18 46 17.7
CRQC	Cirque	52.70 334	P	P	18 23 47.9 +1.0
CRQC	baz=123,SNR=219		S	S	18 23 46.9 -0.2
CRQM	Cirque	52.72 334	P	P	18 23 53.3
CRQM	comp=Z,955nm,1.2s		Iamb	Iamb	18 23 53.3
BERG	Berg Lake	52.76 334	IAMS_20	IAMS_20	18 48 01.3
BVCY	Beaver Creek baz=123,SNR=204	52.78 337	P	P	18 23 48.2 +0.9
KAIM	Kayak Island	52.82 333	P	P	18 23 49.0 +1.4
H31M	Peel River comp=Z,1um,1.4s	52.87 342	Iamb	Iamb	18 25 02.2
H31M	Peel River	52.87 342	P	P	18 23 47.6 -0.3
HMT	Hamilton	52.97 334	Iamb	Iamb	18 23 56.0
HMT	comp=Z,676nm,1.0s		IAMS_20	IAMS_20	18 46 27.8
MCARA	McCarthy VSAT	53.02 335	P	P	18 23 49.5 +0.4
MCARA	comp=Z,198um,21.0s		IAMS_20	IAMS_20	18 48 19.2
MCARA	McCarthy VSAT	53.02 335	P	P	18 23 50.5 +1.4
PTCN	Pitcairn Island	53.05 216	P	P	18 23 51.3 +1.6
PTCN	comp=Z,743nm,1.0s		Iamb	Iamb	18 23 60.0
PTCN	Pitcairn Island	53.05 216	P	P	18 23 58.0 +8.3
I30M	Mount Dempster comp=Z,2um,1.4s	53.06 341	Iamb	Iamb	18 23 56.8
I30M	Mount Dempster	53.06 341	P	P	18 23 49.4 -0.1
AC06	Mina Casimiro	53.09 148	Iamb	Iamb	18 23 55.3
AC06	Mina Casimiro	53.09 148	I/P	P	18 23 50.3 +0.3
VRDI	Verde Repaiter comp=Z,1um,1.4s	53.11 335	Iamb	Iamb	18 23 58.4
VRDI	comp=Z,180um,20.0s		IAMS_20	IAMS_20	18 48 14.5
J29M	Klondike Camp	53.13 340	Iamb	Iamb	18 23 57.4
J29M	comp=Z,1um,1.5s				
J29M	Klondike Camp	53.13 340	P	P	18 23 49.6 -0.3
M27K	Edge Creek, AK	53.13 336	Iamb	Iamb	18 23 58.3
M27K	comp=Z,55nm,1.2s				
M27K	Edge Creek, AK	53.13 336	P	P	18 23 50.8 +0.8
RAGM	Ragged Mountain comp=Z,675nm,0.9s	53.17 333	Iamb	Iamb	18 23 58.9
RAGM	comp=Z,16um,22.0s		IAMS_20	IAMS_20	18 46 45.1
DAWY	Dawson	53.27 339	Iamb	Iamb	18 23 58.1
DAWY	comp=Z,717nm,1.4s				
DAWY	Dawson	53.27 339	P	P	18 23 50.5 -0.4
AC02	Maricunga	53.28 147	I/P	P	18 23 53.9 +1.8
AC02	Maricunga	53.28 147	I/P	P	18 23 54.4 +2.4
C36M	Paulatuk	53.29 349	P	P	18 23 49.0 -1.9
C36M	comp=Z,3um,2.6s		Iamb	Iamb	18 25 19.7
C36M	comp=Z,179um,21.0s		IAMS_20	IAMS_20	18 49 03.5
C36M	Paulatuk	53.29 349	P	P	18 23 49.5 -1.3
C36M	baz=149,SNR=13				
JUZJ	Jacuzzi	53.31 281	P	P	18 23 52.0 0.0
NPOC	North of Pu'u	53.32 281	P	P	18 23 52.0 -0.1
STCH	Steam Cracks	53.34 281	P	P	18 23 52.2 +0.1
GO03	Copiap	53.34 148	Iamb	Iamb	18 24 22.9
GO03	comp=Z,700nm,1.6s				
GO03	Copiap	53.34 148	I/P	P	18 23 53.1 +1.2
GO03	Copiap	53.34 148	I/P	P	

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Table with columns: ID, Name, Frequency, Mode, Class, SNR, Azimuth, Elevation, and other parameters. Includes entries like Cooper Landing, Donnelly Dome, Sawmill, etc.

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Table with columns: RES, Name, Frequency, Mode, Class, SNR, Azimuth, Elevation, and other parameters. Includes entries like Resolute Bay, Bodoqueña, Choyo, etc.

1412

Table with columns: Name, Frequency, Mode, Class, SNR, Azimuth, Elevation, and other parameters. Includes entries like Kangerlussuaq, Port Aulsworth, etc.

1413

N18K	baz=105 Kilae Creek	58.29 331	IAMs_20	IAMs_20	18 50 50.7
N18K	comp=Z,109um,19.0s Kilae Creek	58.29 331	P	S	18 24 26.6 -0.2
N18K	baz=110,SNR=277		S	P	18 23 25.9 +0.5
SVW2	baz=110 Sparrevohn	58.29 331	IAMB	IAMB	18 24 36.2
SVW2	comp=Z,53nm,0.8s Sparrevohn	58.29 331	P	P	18 24 26.1 -0.8
ARCO	CERRO ARCO	58.23 151	I/P	P	18 24 28.1 +0.5
MT12	Pirque	58.34 153	I/P	P	18 24 28.2 +0.6
L19K	White Mountain	58.36 333	IAMB	IAMB	18 24 34.5
L19K	comp=Z,1.8um,1.2s White Mountain		IAMs_20	IAMs_20	18 51 16.5
L19K	baz=112,SNR=194	58.36 333	P	P	18 24 27.0 -0.4
L19K	baz=112		S	S	18 32 26.4 +0.1
BO03	Pichilemu	58.39 154	I/P	P	18 24 28.6 +0.7
I21K	Tanana	58.43 337	P	P	18 24 27.6 -0.1
I21K	baz=116		S	S	18 32 27.7 -0.3
G23K	Bananza Creek	58.44 339	P	P	18 24 28.8 -0.1
G23K	baz=119,SNR=224		S	S	18 32 28.9 +1.7
G23K	baz=119		S	S	18 32 28.9 +1.7
MT13	San Alfonso	58.46 152	I/P	P	18 24 29.8 +1.2
ILULI	luilissat	58.48 18	IAMs_20	IAMs_20	18 51 53.1
K20K	comp=Z,113um,20.0s Telida	58.48 334	P	P	18 24 27.7 -0.5
K20K	baz=113,SNR=959		S	S	18 32 26.8 -1.0
CNBA	Chernabura Isl	58.52 324	IAMs_20	IAMs_20	18 48 18.5
CHNA	Chernabura Isl	58.52 324	P	P	18 24 27.8 -0.7
CHNA	baz=103,SNR=35		S	S	18 32 28.9 +0.4
BO04	La Punta	58.53 153	IAMB	IAMB	18 24 33.5
BO04	comp=Z,844nm,1.6s La Punta	58.53 153	I/P	P	18 24 29.3 +0.4
H22K	Ishlatina Cre	58.53 337	P	P	18 24 27.9 -0.5
H22K	baz=117		S	S	18 32 29.9 +1.6
O17K	Kolliganek Bris	58.56 330	P	P	18 24 28.6 -0.2
O17K	baz=108,SNR=229		S	S	18 32 27.8 -1.0
AAGR	Agrelo	58.57 151	I/P	P	18 24 30.9 +1.6
LMEL	Las Melosas	58.59 152	IAMB	IAMB	18 25 04.4
LMEL	comp=Z,1um,1.6s Las Melosas	58.59 152	I/P	P	18 24 30.7 +1.3
C26K	Camden Bay	58.59 343	P	P	18 24 28.5 -0.2
C26K	baz=126,SNR=12		S	S	18 32 29.1 +0.1
DY2G	Dye2	58.60 22	I/P	P	18 24 28.1 -1.1
DY2G	Dye2	58.60 22	I/P	P	18 24 27.2 -2.0
DY2G	comp=Z,259nm,0.6s Your Creek	58.62 340	P	P	18 24 29.1 0.0
E24K	baz=122,SNR=210		S	S	18 32 31.8 +2.2
VACA	Villa Angela C	58.66 140	eP	P	18 24 31.9 +2.0
D25K	Kavik River	58.66 342	P	P	18 24 29.1 -0.3
D25K	baz=124,SNR=186		S	S	18 32 27.5 -2.5
BO01	Tunca	58.67 153	IAMB	IAMB	18 24 34.5
BO01	comp=Z,830nm,1.4s Tunca	58.67 153	I/P	P	18 24 30.6 +0.8
COLD	Coldfoot	58.76 339	P	P	18 24 30.3 +0.3
COLD	baz=119,SNR=109		S	S	18 32 32.4 +1.2
P16K	Nushagak River	58.77 329	P	P	18 24 29.8 -0.4
P16K	baz=107,SNR=59		S	S	18 32 30.6 -0.9
N17K	Nushagak Hills	58.84 330	P	P	18 24 30.6 -0.1
N17K	baz=109		S	S	18 32 33.1 +0.6
S14K	Fog Glacier	58.84 325	P	P	18 24 30.6 -0.3
S14K	baz=104,SNR=20		S	S	18 32 33.2 +0.3
J20K	Nowinta River	58.84 335	P	P	18 24 29.6 -1.1
J20K	comp=Z,182um,21.0s Nowinta River	58.84 335	P	P	18 24 30.1 -0.6
J20K	baz=114,SNR=538		S	S	18 32 31.1 -1.3
GO05	Huala	58.85 155	IAMB	IAMB	18 24 35.5
GO05	comp=Z,561nm,1.2s Huala	58.85 155	I/P	P	18 24 31.4 +0.3
GO05	Huala	58.85 155	I/P	P	18 24 31.9 +0.8
H21K	Melozitna Rive	58.95 337	IAMB	IAMB	18 24 38.1
H21K	comp=Z,649nm,0.3s Melozitna Rive	58.95 337	P	P	18 24 30.6 -0.8
H21K	baz=116,SNR=349		S	S	18 32 35.6 +1.8
E23K	Chandalar	58.98 340	P	P	18 24 32.0 +0.3
E23K	baz=118		S	S	18 32 36.8 +2.6
O16K	Kokwok River B	58.99 329	P	P	18 24 31.2 -0.5
O16K	baz=107,SNR=156		S	S	18 32 34.1 -0.3
UMMG	Ummannaq	59.05 16	I/P	P	18 24 30.1 -1.8
UMMG	comp=Z,98nm,0.9s		IAMB	IAMB	18 24 39.3
G22K	Bettles	59.06 338	P	P	18 24 32.0 -0.1
SDPT	Sand Point	59.13 324	P	P	18 24 31.3 -1.5
SDPT	Sand Point	59.13 324	P	P	18 24 32.0 -0.6
SDPT	Sand Point	59.13 324	P	P	18 24 32.2 -0.6
SDPT	baz=102,SNR=25		S	S	18 32 36.1 -0.3
TTA	Tatalina	59.14 333	P	P	18 24 31.3 -1.3
TTA	Tatalina	59.14 333	P	P	18 24 32.0 -0.8
TTA	baz=111,SNR=152		S	S	18 32 36.3 -0.1
TTA	baz=111		S	S	18 24 31.8 -1.0
TTA	Tatalina	59.14 333	I/P	P	18 24 31.8 -1.0
BO02	Sierra Bellavi	59.14 153	IAMB	IAMB	18 25 04.4
BO02	comp=Z,328nm,0.9s Sierra Bellavi	59.14 153	I/P	P	18 24 33.7 +0.6
BO02	Sierra Bellavi	59.14 153	I/P	P	18 24 34.2 +1.0
L18K	Granite Mounta	59.18 337	P	P	18 24 32.7 -0.3
L18K	baz=110,SNR=192		S	S	18 32 37.1 +0.2
I20K	Naaghedeneel	59.23 336	P	P	18 24 32.9 -0.4
I20K	baz=114,SNR=183		S	S	18 32 36.5 -0.8
M17K	Holitna River	59.24 331	P	P	18 24 33.0 -0.5
M17K	baz=109,SNR=100		S	S	18 32 37.9 +0.3
TCA	Tani	59.25 146	I/P	P	18 24 34.9 +0.8
TOLK	Toolik Lake Re	59.26 341	IAMB	IAMB	18 24 40.7
TOLK	comp=Z,642nm,1.0s Toolik Lake Re	59.26 341	P	P	18 24 33.4 -0.2
TOLK	baz=121,SNR=125		S	S	18 32 38.3 +0.5
D24K	Happy Valley	59.30 341	P	P	18 24 33.3 -0.4
D24K	baz=122,SNR=92		S	S	18 32 38.6 +0.4
J19K	Poorman	59.37 335	P	P	18 24 33.7 -0.6
J19K	baz=112,SNR=481		S	S	18 32 38.3 -0.9
J19K	baz=112		S	S	18 32 38.3 -0.9

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UPNVN	Upernavik	59.42 13	I/P	P	18 24 34.4 0.0
UPNVN	comp=Z,68nm,0.7s		IAMB	IAMB	18 24 42.9
MRA	San Martin	59.53 148	I/P	P	18 24 36.8 +0.9
F22K	John River	59.56 339	P	P	18 24 36.0 +0.4
F22K	baz=117		S	S	18 32 43.6 +2.0
C24K	Franklin Bluff	59.56 342	P	P	18 24 35.4 -0.1
C24K	baz=122		S	S	18 32 41.1 -0.4
N16K	Nishlik Lake	59.57 330	P	P	18 24 35.7 -0.1
N16K	baz=107,SNR=204		S	S	18 32 42.3 +0.3
N16K	baz=107		S	S	18 32 42.3 +0.3
G21K	Allakaket	59.58 338	P	P	18 24 35.2 -0.6
G21K	baz=116,SNR=218		S	S	18 32 44.0 +2.1
J18K	Innokov River	59.63 334	P	P	18 24 35.2 -0.9
J18K	baz=111,SNR=313		S	S	18 32 41.3 -1.3
H20K	Anotleneega Mo	59.66 336	P	P	18 24 35.6 -0.7
H20K	baz=114,SNR=256		S	S	18 32 41.6 -1.4
ML02	Panimavida	59.71 155	I/P	P	18 24 37.6 +0.7
O15K	Ungalikthiuk R	59.72 328	P	P	18 24 35.4 -1.4
O15K	baz=105,SNR=160		S	S	18 32 41.2 -2.6
E22K	Anaktuvuk Pass	59.73 340	P	P	18 24 36.5 -0.3
E22K	baz=118		S	S	18 32 44.3 +0.4
D23K	Nanushuk River	59.77 341	P	P	18 24 37.4 +0.4
D23K	baz=120,SNR=123		S	S	18 32 44.8 +0.4
M16K	Timber Creek	59.82 331	P	P	18 24 37.4 -0.1
M16K	baz=107,SNR=113		S	S	18 32 46.5 +1.3
CPUP	Villa Florida	59.85 137	IAMB	IAMB	18 24 41.5
CPUP	comp=Z,1um,1.5s Villa Florida	59.85 137	I/P	P	18 24 37.8 -0.3
CPUP	comp=Z,256nm,1.2s,slow=7.4,SNR=79	59.85 137	I/P	P	18 24 37.9 -0.3
CPUP	comp=Z,2.2nm,0.7s,slow=19.9,SNR=0.8		S	S	18 32 45.4 -0.9
CPUP	comp=Z,40um,21.0s,slow=332,slow=36		LR	LR	18 50 08.8
CPUP	comp=Z,12nm,1.1s,slow=133,slow=2.0,SNR=5.1		P	P	18 54 04.2 +1.4
CPUP	comp=Z,256nm,1.2s,slow=7.4,SNR=79		P	P	18 24 37.7 -0.3
L17K	Donlin	59.86 337	P	P	18 24 37.1 -0.6
L17K	baz=108,SNR=224		S	S	18 32 46.4 +0.7
B10S	Punta Hualpo	59.88 157	I/P	P	18 24 38.4 +0.3
SCCA	San Cayetano,	59.88 139	eP	P	18 24 39.4 +1.1
F21K	Alatina River	59.88 338	P	P	18 24 38.1 +0.3
F21K	baz=116,SNR=700		S	S	18 32 46.0 +0.1
XMAS	Kiritimati	59.93 261	P	P	18 24 38.3 -0.6
XMAS	Kiritimati	59.93 261	IAMs_20	IAMs_20	18 43 09.5
XMAS	comp=Z,149um,22.0s Kiritimati	59.93 261	P	P	18 24 40.1 +1.1
XMAS	Kiritimati	59.93 261	I/P	P	18 24 39.6 +0.7
K17K	Iditarod	60.05 333	P	P	18 24 39.4 +0.4
K17K	baz=109,SNR=91		S	S	18 32 46.1 -1.3
TULEG	Thule	60.09 8	P	P	18 24 37.1 -1.9
TULEG	comp=Z,1um,1.7s		IAMB	IAMB	18 25 25.6
TULEG	comp=Z,159um,20.0s	60.09 8	I/P	P	18 24 37.9 -1.2
TULEG	Thule	60.09 8	I/P	P	18 24 38.0 -1.0
TULEG	baz=108,SNR=224		IAMB	IAMB	18 24 45.4
S12K	Black Hills	60.09 324	IAMs_20	IAMs_20	18 49 29.1
S12K	comp=Z,85um,20.0s Black Hills	60.09 324	P	P	18 24 38.9 -0.6
S12K	baz=101,SNR=46		S	S	18 32 46.9 -1.9
N15K	Kwethluk River	60.12 330	P	P	18 24 38.9 -0.7
N15K	baz=106		S	S	18 32 49.0 0.0
GCSA	Galena City Sc	60.16 335	P	P	18 24 39.0 -0.7
GCSA	baz=111,SNR=11		S	S	18 32 49.0 -0.3
BDFB	Brasilia	60.18 121	IAMB	IAMB	18 24 50.7
BDFB	comp=Z,760nm,0.9s Brasilia	60.18 121	P	P	18 24 40.5 -0.2
BDFB	comp=Z,312nm,0.9s,slow=292,slow=8.3,SNR=155		LR	LR	18 52 59.6
BDFB	comp=Z,49um,18.9s,slow=303,slow=38		P	P	18 54 10.4 +6.3
C23K	Hiklik River	60.19 342	P	P	18 24 39.8 0.0
C23K	comp=Z,41nm,1.2s,slow=67,slow=4.0,SNR=7.0		S	S	18 32 49.3 -0.3
L16K	Owhat River	60.27 331	P	P	18 24 40.2 -0.2
L16K	baz=107,SNR=110		S	S	18 32 53.3 +2.5
H19K	Roundabout Mou	60.28 336	P	P	18 24 39.8 -0.7
H19K	baz=112,SNR=197		S	S	18 32 51.6 +0.8
D22K	Ayikyak River	60.37 340	P	P	18 24 41.4 +0.3
D22K	baz=118,SNR=286		S	S	18 32 52.6 +0.6
KULLO	Kullorsuaq	60.42 12	I/P	P	18 24 40.2 -1.1
KULLO	Kullorsuaq	60.42 12	I/P	P	18 24 39.5 -1.9
KULLO	comp=Z,100nm,0.8s Tigyukauvit M	60.45 328	P	P	18 24 40.5 -1.3
O14K	Tiguykavit M	60.45 328	P	P	





Table with columns for station name, frequency, power, and signal strength. Includes stations like IOMK Kirk Michael, MG01 Puerto William, WPS Cemaes, Angles, and MCH1 Michaelchurch.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MTE Manteigas, EVO Evora, MESJ Messejana, and MCH1 Michaelchurch.

Table with columns for station name, frequency, power, and signal strength. Includes stations like WACR West Acre, MOL Molde, AVE Averroes, and PET Petropavlovsk.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PET, KONO, NOA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI, HAGFO, MEM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SLE, STU, DGTI, etc.





Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PSDA, PVCL, and various local stations.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CTKS, SVSE, RFT2, and various international stations.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KSRS, KTUT, PYAG, and various international stations.



Table with columns: ALNE, AI Ain, SNR=56, 130.88, 32, P, PKPdf, 18 33 43.5 -0.6, etc. Lists various astronomical objects and their properties.

Table with columns: RAMN, Ramite, 134.61, 354, eP, PKPdf, 18 33 50.6 -0.8, etc. Lists various astronomical objects and their properties.

Table with columns: IDC, 19 18:14:42.2, 3.37, 205:74:11W, h0km, mb4.1/3, etc. Lists various astronomical objects and their properties.

19d 18h

Table with columns: MG01, Puerto William, 18.28 168, P, Iamb, Pn, Iamb, 18 18 53.6, -1.4, 18 19 17.0, etc.

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

Table with columns: ANF, NEIC, PAS, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

2017 SEP

Table with columns: LRM, WBSM, WHFM, WBSH, WBSM, WBSH, WBSM, WBSH, etc.

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

Table with columns: WCM, WNM, TOW, MPMC, MPMC, MPMC, etc.

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Table with columns: PRN, comp=E,218nm,3.9s, IAML, 18 35 42.9, etc.

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

Table with columns: WCM, WNM, TOW, MPMC, MPMC, MPMC, etc.







Table with columns: IGT, IGP, KPRO, STIP, GRG, GRG, BARS. Rows include IGT, IGP, KPRO, STIP, GRG, GRG, BARS with various numerical values and status indicators.

IDC 19:19:12.05:7.71.0.15:35S:168:86E, h0km, mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=1211.0km s-min=118.8km az=67.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include STKA, WRA, ASAR.

IDC 19:19:41:56.1:2.8.44:37N:149:18E, h0km, mb3.8/10, mbtmp3.7/12, M.L2.8/2, Error ellipse: s-maj=70.9km s-min=24.7km az=168.0

NEIC 19:19:41:56.2:1.1.44:1N:0:1:149:31E:0:09, h10km, 2km, mb4.4/15, Error ellipse: s-maj=23.9km s-min=8.9km az=162.0

MOS 19:19:41:56.9:1.8.43:97N:149:47E, h36km, mb4.2/3, Error ellipse: s-maj=13.5km s-min=10.2km az=22.9

JMA 19:19:41:58.0:0.7.44:1N:3:14:9E:1, h30km, MV3.9/3, SE OFF ETOROFU

SKHL 19:19:41:58.2:0.2.44:00N:149:40E, h44km, 5km, mb4.5/4

ISC 19:19:41:59.8:0.8.43:97N:149:3E:0:1, h39km, 5km, n72.0, e90/73, mb4.2/20, 1D, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KUR, KUR, KUR, KUR, KUR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SHO, SHO, SHO, SHO, SHO.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include YUK, YUK, YUK, YUK, YUK.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include NEM, NEM, NMR, NMR, RUS, RUS.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include JAK, JAK, JAK, JAK, JAK.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include JKA, JKA, ASAJ, ASAJ, ASAJ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include JANG, JTM, JMM, JMM, PETK.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include H1N2, H1N1, H1N3, H1S1, H1S3.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include H1S2, TOLK, TOLK, ILAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include ZALV, L27K, BCAR, MESA, YAH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include I30M, I30M, MK31, MK31, MKAR, MKAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KURK, KURK, KURK, KURK.

Table with columns: KURSB, KURSB, KK31, KK31, KKAR, KKAR, KKAR, KKAR.

Table with columns: KKAR, KKAR, ABKAR, ABKAR, ABKAR, ABKAR, ABKAR, ABKAR.

Table with columns: FINES, FINES, FINES, NC303, NC405, NB201, NB201.

Table with columns: NB2, NOA, HFS, AKASO, BUROR, BUROR, TXAR, TXAR.

Table with columns: MMAL, IDC 19:20:05:35:1:41.0, 17:23S:179:76W, h576km, 136km, m3/1/3, mbtmp4.1/4, Error ellipse: s-maj=854.3km s-min=113.5km az=79.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MSVF, STKA, WRA, ASAR.

Table with columns: IDC 19:20:08:37.0:0.8.4:73S:151:58E, h152km, 12km, mb3.2/4, mbtmp3.7/4, Error ellipse: s-maj=74.9km s-min=22.0km az=115.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KRVT, KRVT, PMG, WRA, ASAR.

Table with columns: SOMM, BVAR, GERES, EKA, TORD.

Table with columns: BUJ, IDC 19:20:14:16.0:0.0.5:60S:150:90E, h100km, mb5.0/2, NEIC 19:20:14:18.1:2.0.5:57S:0:07:150:84E:0:08, h100km, 7km, az=92.0

Table with columns: IDC 19:20:14:19.0:0.9.5:58S:150:81E, h108km, 9km, mb4.3/15, mbtmp4.7/18, Error ellipse: s-maj=14.9km s-min=8.7km az=122.0

Table with columns: DJA, IDC 19:20:14:18.3:0.3.5:64S:0:04:150:84E:0:05, h100km, n260, e131/273, mb5.2/7, C-ID, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include KRVT, KRVT, RABL, MANU, MANU, PMG, COEN, COEN, MTSU, MTSU.

Table with columns: CTAO, CTAO, RKH, RKH, QIS, QIS, QIS, QIS, KDU, KDU, EIDS, EIDS, KOUNC, KOUNC, GUMO, GUMO, GUMO, GUMO.

Table with columns: SIJI, IDC 19:20:14:16.0:0.0.5:60S:150:90E, h100km, mb5.0/2, NEIC 19:20:14:18.1:2.0.5:57S:0:07:150:84E:0:08, h100km, 7km, az=92.0

Table with columns: MTN, MTN, MTN, MTN, MTN, MTN, MTN, MTN.

Table with columns: WRO, WRA, WRA, WRA, WRA, WRA, WRA, WRA.

Table with columns: WRA, QLP, QLP, LIFC, LIFC, WOU, WOU, DZM, DZM, DZM, DZM.

Table with columns: YATN, OUENC, PINNC, AULRC, KNRA, KNRA, KNRA, INKA, AS31, ASAR, ASAR, ASAR.

Table with columns: ARMA, ARMA, ARMA, ARMA, ARMA, ARMA, ARMA, ARMA.

Table with columns: ARMA, ARMA, ARMA, ARMA, ARMA, ARMA, ARMA, ARMA.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK, WRAK.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SNZO, CMWZ, LTZ, BHW, YHNB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AAK, GRCN, QSPA, J26L, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FORT, TNTI, JGF, MJAR, MAJO, etc.

JMA 19:20:17.14:0.01,31.4N:05:130.6E:0.4, h6km, MV0.1/10, SATSUMA PENINSULA REGION, Kyushu

JMA 19:20:17.38:1.0,0.36:69N:007:140.7E:0.2, h6km, MV2.0/20, NORTHERN IBARAKI PREF, Near east coast of eastern Honshu

IDC 19:20:17.48:0.11,0,12:51S:167.47E, h120km, 95km, mb3.0/10, mbtmp4, Error ellipse: s-maj=58.8km, s-min=28.2km, az=100.0

NEIC 19:20:18.08:5.1, 6.12:15.0:1:1:167.3E:0.1, h284km, 2km, mb4.6/53, Error ellipse: s-maj=20.9km s-min=14.6km az=94.0

ISC 19:20:18.05:4.0, 6.12:03.0:0.09:167.2E:0.2, h250km, n80, a123/68, mb4.6/36, Santa Cruz Islands

JMA 19:20:18.05:7.0, 1.35:3N:01:137.6E:0.2, h7km, SOUTHERN NAGANO PREF, Eastern Honshu

BUI 19:20:18.04:6.0, 0.37:17N:141:63E, h38km, mb5.2/87, mb5.6/27, Ms5.0/51, Ms7.4/90

MOS 19:20:18.04:9.0, 9.37:29N:141:71E, h35km, mb5.5/128, MS5.1/6, Error ellipse: s-maj=5.8km s-min=3.7km az=107.4

NEIC 19:20:18.07:1.37:29N:142:42E, h33km, mb5.5, Ms5.3, Moment Tensor Solution: s3 Moment tensor: Scale 10^16Nm

JMA 19:20:18.07:0.2, 37:3N:04:41:2E, h46km, 2km, MD5.3/39, MV5.2/39, E OFF FUKUSHIMA PREF

JMA 19:20:18.07:4.0, 3.37:28N:141:73E:0.03, h42km, 2km, h42km:pp-P, n1777, e140/1658, mb5.3/439, MS5.0/18, 104C-80D, Near east coast of eastern Honshu



19d 20h

Table with columns for city names (e.g., HEH, HEH, HEH), flight numbers, times, and status. Includes sub-sections like BTO, GOMU, and various airline codes.

2017 SEP

Table with columns for city names (e.g., BTO, CNSH, YAK), flight numbers, times, and status. Includes sub-sections like GOMU, NONG, MNI, DLV, SWI, etc.

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Table with columns for city names (e.g., GOMU, NONG, MNI, DLV, SWI, etc.), flight numbers, times, and status. Includes sub-sections like CRAI, GENI, LBMI, GTOI, etc.

Table with columns: RDOG, Red Dog Mine, RDOG, Red Dog Mine, C17K, Delong Mountai, E17K, Hottham Inlet, L16K, Ohwat River, G17K, Kwalki Mounta, M16K, Timber Creek, N16K, Nishik Lake, H17K, Granite Mounta, SHL, Shillong, SHL, Shillong, E18K, Tukpahrik C, O16K, Kokwok River B, P16K, Nushagag Hills, C18K, Utukok River, L17K, Donlin, K17K, Iditarod, SBUM, Sibiu, SRDT, SRDT, MK31, Makanchi Array, MK31, Makanchi Array, MKAR, Makanchi Array, MKAR, Makanchi Array, M17K, Hollita River, H18K, Honhosa River, G18K, Tagagawik, N17K, Nushagag Hills, O17K, Koliganek Bris, MAKZ, Makanchi, MAKZ, Makanchi, MAKZ, Makanchi, Q16K, King Salmon, C19K, Lookout Ridge, P17K, Kvichak River, L18K, Granite Mounta, R17K, Ugashik Creek, J18K, Innoko River, F19K, Shalerucik Mo, Q17K, Contact Creek, G19K, Purcell Mounta, SEM, Semipalatinsk, SEM, Semipalatinsk, SEM, Semipalatinsk, TTSI, Tana Toraja, N18K, Kilae Creek, N18K, Kilae Creek, D19K, Kuna River, TTA, Tatolina, TTA, Tatolina, E19K, Redstone River, H19K, Roundabout Mou, SVW2, Sparrevohn, SVW2, Sparrevohn, P16K, Big Mountain, P16K, Big Mountain, O18K, Koktu Hills, O18K, Poorman, MTKI, Muara Teweh, K, Q18K, Katmai Hardscr, L19K, White Mountain, L19K, White Mountain, D20K, Etivluk River, F20K, Avaraat Lake, B20K, Meade River, E20K, Nigu River, N19K, Bonanza Creek, N19K, Bonanza Creek, R18K, Karluk, M19K, Big River Lodg, O19K, Port Alsworth, O19K, Port Alsworth, O19K, Port Alsworth, H20K, Anaoteneega Mo, I20K, Naahedeneai, KSM, Kuching, KSM, Kuching, SII, Sitkinak Islan, SII, Sitkinak Islan, KURK, Kurchatov, KURK, Kurchatov, KURK, Kurchatov, KURK, Kurchatov, K20K, Telida

Table with columns: K20K, Telida, J20K, Nowinta River, KURB, Kurchatov Arra, Q19K, Cape Douglas, C21K, Knifeblade Rid, P19K, Oil Pt, M20K, M20K, Styx River, STKI, Sintang, OHAK, Old Harbor, OHAK, Old Harbor, B21K, Ikpikup River, G21K, Allakaket, E21K, Killik River, F21K, Alatina River, RSO, Redoubt South, A22K, Sinclair Lake, O20K, Slope Mountain, H21K, Melozitna Riv, H21K, Melozitna Riv, H21K, Melozitna Riv, KDAK, Kodiak Island, KDAK, Kodiak Island, KDAK, Kodiak Island, CHUM, Lake Minchum, KAPI, Kappang, KAPI, Kappang, KAPI, Kappang, KAPI, Kappang, KAPI, Kappang, Q20K, Mount Spurr, SPCR, Spurr Chakacha, PPLA, Purkeypile, CAST, Castle Rocks, CAST, Castle Rocks, BKSI, Bulukumba, SHLS, Shalkode, SHLS, Shalkode, SHLS, Shalkode, B22K, Teshepuk Lake, I21K, Tanana, D22K, Ayikyak River, F22K, John River, SKT, Skwentna, SKT, Skwentna, SURA, Suratna, TDK, Taldyqorghan, TDK, Taldyqorghan, TDK, Taldyqorghan, RAMN, Ramite, JIRN, Jiri, UZB, Uzynbulak, UZB, Uzynbulak, UZB, Uzynbulak, UZB, Uzynbulak, H22K, Ishalitha Cre, G22K, Bettie, BPAW, Bear Paw Mtn, BPAW, Bear Paw Mtn, GUN, Gumba, KTH, Kantishna Hill, KTH, Kantishna Hill, KPKS, Kokpek, KPKS, Kokpek, KPKS, Kokpek, MLY, Manley, MLY, Manley, SUA, Susitna One, SUA, Susitna One, BRLK, Bradley Lake, BRLK, Bradley Lake, SRIT, Nakonsritamara, SRIT, Nakonsritamara, BRSE, Bradley Lake S, BBKI, Banjar Baru, WUS, Wushi, WUS, Wushi, ZHN, Zhinshke, ZHN, Zhinshke, ZHN, Zhinshke, SATY, Sat, SATY, Sat, SATY, Sat, D23K, Nanushuk River

Table with columns: M22K, Willow, M22K, Willow, M22K, Willow, COLD, Coldfoot, ARXS, Artharly, G23K, G23K, Artharly, C23K, Itkiliik River, PKI, Pulchoi, KKN, Kakani, PKIN, Chulchoik, RC01, Rabbit Creek A, RC01, Rabbit Creek A, H23K, Yukon River, H23K, Yukon River, BWN, Bonanza Creek, E23K, Chandalar, I23K, Minto, Yukon-K, I23K, Minto, Yukon-K, DMN, Daman, TOLK, Toolik Lake Re, TOLK, Toolik Lake Re, SEW, Seward, NEA2, Nenana, NEA2, Nenana, PMR, Palmer, PMR, Palmer, MCK, McKinley, GKN, Gorkha, RND, Reindeer, RND, Reindeer, RND, Reindeer, GHO, Glory Hole Cre, D24K, Happy Valley, WAT1, Susitna Watana, E24K, Your Creek, TARG, Taragay, Kyrgy, TARG, Taragay, Kyrgy, C24K, Franklin Bluff, MDM, Murphy Dome, KNK, Knik Glacier, WRH, Wood River Hill, SML, Sawmill, SML, Sawmill, SML, Sawmill, PWL, Port Wells, PWL, Port Wells, H24K, Noodor Dome, H24K, Noodor Dome, F24K, Squaw Lake, COLA, College, COLA, College, COLA, College, COLA, College, TNS5, Tian-Shan, TNS5, Tian-Shan, CCB, Clear Creek Bu, DANN, Dangsing, G24K, Hadweenzic Riv, WAT6, Susitna Watana, POKR, Poker Plat Res, POKR, Poker Plat Res, M23K, Glacier View, DHY, Denali Highway, DHY, Denali Highway, SCM, Sheep Creek Mo, SCM, Sheep Creek Mo, SCM, Sheep Creek Mo, HDA, Harding Lake, HDA, Harding Lake, IL31, Il31, ILAR, Elison Array, ILAR, Elison Array, MMRI, Maumere, MMRI, Maumere, MMRI, Maumere, P23K, Montague Inn, KOLN, Koldanda, GLI, Glacier Island, GLI, Glacier Island, D25K, Kavik River, G25K, Bearman Lake, SOEI, Soe, SOEI, Soe, SOEI, Soe

19d 20h

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like F25K Christian River, PYUN Piuthan, E25K Arctic Village, etc.

2017 SEP

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like G27K Doyon Strip, MCARA McCarthy VSAT, etc.

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Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like GSI Gunungsitoli, F31M Tsigehtich, etc.



Table with columns for station name, coordinates, elevation, and status. Includes stations like NOR Nord, RK1H Rockhampton, ASAR Alice Springs, MBWA Marble Bar, PSA00 Pilbara Seismi, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like EDM Edmonton, MORW Morawa, AUCDC Australian College, ZKTA Zakatala, NEW New, LKRN Lenkeran, BBOO Buckleboo, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like FAQ Al Faqa, ARQ Araqi, NACGH North, SLIT Siltrere, ALNE Al Ain, ALNE Al Ain, ASUD Al Ashush, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ISA Isabella, Lake, ARVC Arvin, ASK Askoy, BER Bergen, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PFO comp=Z,14nm,1.0s, 109C Camp Elliot, M, LCMT Little Creek M, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DEV Deva, KIKZ Mersin, VYHS Yehine, ADVT Abdulvahab, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like 432A, 432B, 432C, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OUR, GCAM, T25A, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like G40A, G40B, DAVA, etc.

19d 20h

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Type, and Azimuth/Elevation values.

2017 SEP

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Type, and Azimuth/Elevation values.

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Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Type, and Azimuth/Elevation values.

SJA 19:20:48.08:0.7, 20:60S:68:97W, h106km, 3km, ML4.2, MV4.0
NEIC 19:20:48:09:6:2.2, 20:61S:0:03:69:03W:0:07, h108km, 6km, mb3.8/4, ML4.0(GUC), Error ellipse: s-maj=9.6km s-min=3.9km, az=102.0
GUC 19:20:48:10:4:0.8, 20:59S:68:95W, h106km, 4km, ML4.0
VAO 19:20:48:10:8:0.6, 20:66S:68:39W, h106km, mb4.3
IDC 19:20:48:11:4:1.7, 20:63S:68:63W, h106km, 12km, mb3.9/3, mbmp4.1/6, Error ellipse: s-maj=33.6km s-min=12.2km az=112.0
ISC 19:20:48:09:2:0.7, 20:60S:0:03:68:98W:0:05, h99km, 6km, n87, r192/129, mb4.0, 9C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Station Type, and Azimuth/Elevation values.

Table with columns: PB04, IPOC Station P, 2.04 212, eP, Pn, 20 48 43.4 +0.9, 20 49 11.2 +3.5, 20 49 18.5, etc.

IDC 19 20:56:17.0, 8.6, 13.43N, 92.82E, h87km, 74km, mb3.4/8, mbtmp3.7/9, ML3.7/1, Error ellipse: s-maj=76.0km s-min=19.0km az=53.0

ISC 19 20:56:13.3, 1.1, 13.55N, 01:92.8E, 0.1, h50km, n13, <20/11, mb3.7/8, Andaman Islands region

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

ROM 19 20:58:04.2, 0.2, 41.65N, 0.01:15.96E, 0.02, h10km, 1km, ML2.6/52, Error ellipse: s-maj=1.8km s-min=0.8km az=36.0

ISC 19 20:58:04.2, 0.9, 41.64N, 0.02:15.96E, 0.03, h14km, 8km, n62, <0574/70, 6C-4D, Southern Italy

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

Table with columns: MELA, MELA, comp=E, 1248um, 0.3s, AML, AML, 20 58 25.4 -0.2, etc.

IDC 19 21:00:11.3, 1.4, 30.74N, 50.87E, h0km, mb3.6/11, mbtmp3.6/17, ML3.6/6, MS4.2/1, Error ellipse: s-maj=27.8km s-min=18.0km az=163.0

TEH 19 21:00:12.6, 30.76N, 51.02E, h8km, 35km, ML3.7, NEIC 19 21:00:13.4, 1.6, 30.62N, 0.08:50.91E, 0.04, h10km, 1km, mb4.0/11, Error ellipse: s-maj=14.2km s-min=3.1km az=160.0

DSN 19 21:00:17.8, 1.3, 30.44N, 51.27E, h10km, ML3.6/10, Error ellipse: s-maj=22.0km s-min=9.9km az=25.0

OMAN 19 21:00:17.5, 0.1, 30.67N, 51.37E, h30km, mb3.6/14, Error ellipse: s-maj=1.7km s-min=1.3km az=30.0

ISC 19 21:00:13.8, 0.5, 30.69N, 0.04:51.01E, 0.04, h19km, n123, <190/142, mb3.7/16, Northern and central Iran

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

Table with columns: BULG, CUC, VCEL, STON, SALS, MORI, T1214, KJVV, MA9, SAMA, VIRC, NVLJ, RABC, VENL, MINTV, ZOU, DOSS, etc.

19d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHFO Wadi Hawf, DMTO DMTO, ABTO Aybut, RBK Rabkut, MMAI Mount Meron Ar, etc.

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, IMAR Indian Mountain, etc.

19d 21h:09:18.70.0.54:00N:170:75E, h0km, mb3.6/14, mbtm3.7/16, ML4.1/2, Error ellipse: s-maj=23.2km s-min=15.8km az=14.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHEM Shemya Is, Alas, SMY Shemya, BKI Bering, etc.

2017 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIRR Kirishev, KMINR Kamenistaya, KMNRR Kamenistaya, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, IDC IDC 19:21:13:11.3.0.5, MEX MEX 19:21:13:13.4.3.9, BGR BGR 19:21:13:18.8, etc.

352A	Blakely	18.60	27	P	P	21 17 30.2	-0.1
LOOK	Love County	18.89	354	P	P	21 17 32.6	-0.9
247A	Carrollton	18.99	18	P	P	21 17 35.1	+0.6
MNTX	Cornudas Mount	19.11	331	P	Pn	21 17 39.5	+2.8
MNTX	Cornudas Mount	19.11	331	P	Pn	21 17 39.5	+1.2
LRAL	Lakeview Retre	19.17	20	P	P	21 17 35.6	-0.9
LRAL	Lakeview Retre	19.17	20	P	P	21 17 37.2	+0.6
LRAL	Lakeview Retre	19.17	20	P	P	21 17 36.9	+0.3
TIGA	Tifton	19.19	30	P	P	21 17 36.5	-0.3
TIGA	Tifton	19.19	30	P	P	21 17 37.3	+0.5
TIGA	Tifton	19.19	30	P	P	21 17 36.3	-0.5
MIAR	Mount Ida	19.35	3	P	P	21 17 37.1	-1.4
MIAR	Mount Ida	19.35	3	P	P	21 17 39.1	+0.6
MIAR	Mount Ida	19.35	3	P	P	21 17 38.2	-0.3
GTBY	Quantanamo Bay	19.37	73	P	P	21 17 37.4	-1.4
X37A	Clayton	19.37	359	P	P	21 17 39.0	+0.3
UALR	University of	19.68	6	P	P	21 17 40.9	-1.1
UALR	University of	19.68	6	P	P	21 17 52.0	
152A	Waverly Hall	19.71	26	P	P	21 17 42.5	0.0
WMOK	Wichita	19.84	350	P	P	21 17 42.1	-1.8
WMOK	Wichita	19.84	350	P	Pn	21 17 46.0	+0.6
OXF	Oxford	19.89	13	P	P	21 17 43.5	-0.9
OXF	Oxford	19.89	13	P	IAMB	21 17 53.8	
OXF	Oxford	19.89	13	P	P	21 17 44.6	+0.2
MSTX	Muleshoe	20.08	340	P	Pn	21 17 49.2	+0.8
MSTX	Muleshoe	20.08	340	P	Pn	21 17 48.5	0.0
255A	Hazlehurst	20.14	32	P	P	21 17 47.2	0.0
WHAR	Woolly Hollow	20.19	6	P	P	21 17 46.8	-0.8
UREC	San Jos de Ur	20.25	109	eP	P	21 17 44.7	-3.8
AMTX	Amarillo	20.61	344	P	Pn	21 17 54.4	-0.2
CBOC	Ciudad Bolivar	20.63	115	eP	Pn	21 17 55.5	+0.4
TUL3	Leonard	20.70	358	P	P	21 17 52.0	-1.2
TUL3	Leonard	20.70	358	P	P	21 17 54.3	+1.1
TUL3	Leonard	20.70	358	P	Pn	21 17 55.3	-0.2
PLMC	San Jos del P	20.86	117	eP	P	21 17 55.9	+0.7
GOGA	Godfrey	20.89	27	P	P	21 17 52.6	-2.7
GOGA	Godfrey	20.89	27	P	IAMB	21 18 04.0	
GOGA	Godfrey	20.89	27	P	P	21 17 55.4	+0.1
121A	Cookes Peak, D	20.96	328	P	Pn	21 17 59.3	+0.5
121A	Cookes Peak, D	20.96	328	P	Pn	21 17 59.8	+1.0
FPAL	Fort Paine	21.02	22	P	P	21 17 54.8	-1.8
FPAL	Fort Paine	21.02	22	P	IAMB	21 18 06.1	
Y52A	Libburn	21.02	26	P	P	21 17 56.8	+0.1
Y52A	Libburn	21.02	26	P	P	21 17 56.8	+0.1
U40A	Yellville	21.20	4	P	P	21 17 58.7	+0.1
U40A	Yellville	21.20	4	P	P	21 17 58.7	+0.1
U38A	Gravette	21.21	1	P	P	21 17 57.6	-1.2
U38A	Gravette	21.21	1	P	P	21 17 59.3	+0.5
YOTC	Yotoco, Valle	21.29	120	eP	P	21 17 59.8	-0.1
JAMC	Jamundi, Valle	21.44	122	eP	P	21 18 02.9	+1.3
GUYC	Guyana, Caldas	21.50	115	eP	P	21 18 04.7	+2.2
SWET	Sewanee	21.52	20	P	P	21 18 00.3	-1.7
BBAC	Balboa, Cauca	21.68	125	eP	P	21 18 06.0	+1.9
Y22A	Socorro	21.70	332	P	P	21 18 05.9	+2.7
V48A	Smith Brothers	21.72	18	P	P	21 18 02.8	-1.4
V48A	Smith Brothers	21.72	18	P	IAMB	21 18 14.7	
V48A	Smith Brothers	21.72	18	P	P	21 18 04.0	-0.2
T35A	Sooner Cattle	21.74	356	P	P	21 18 02.4	-2.0
T35A	Sooner Cattle	21.74	356	P	IAMB	21 18 13.1	
NORC	Norcasia	21.78	114	eP	P	21 18 06.4	+1.4
Y22D	IRIS PASSCAL I	21.80	332	P	P	21 18 08.0	+2.8
Y22F	Pascal Instru	21.80	332	P	P	21 18 08.0	+2.8
WWT	Waverly	21.81	15	P	P	21 18 03.7	-1.5
WWT	Waverly	21.81	15	P	IAMB	21 18 13.1	
WWT	Waverly	21.81	15	P	P	21 18 05.2	+0.1
WWT	Waverly	21.81	15	P	P	21 18 04.7	-0.5
POPC	Popayan, Colom	21.82	123	eP	P	21 18 07.8	+2.0
ANIL	Santa Ana	21.83	117	eP	P	21 18 09.3	+4.0
PBMO	Poplar Bluff	21.90	9	P	P	21 18 04.2	-1.9
PBMO	Poplar Bluff	21.90	9	P	IAMB	21 18 18.6	
PBMO	Poplar Bluff	21.90	9	P	P	21 18 05.0	-1.1
OTAV	Otavalo	21.92	131	P	P	21 18 06.6	-0.3
OTAV	Otavalo	21.92	131	P	P	21 18 07.7	+0.7
PULU	Pululahua	22.02	132	P	P	21 18 08.9	+0.8
MGMO	Mountain Grove	22.04	5	P	P	21 18 07.4	-0.3
MGMO	Mountain Grove	22.04	5	P	IAMB	21 18 24.5	
NMBA	Imbabura, San	22.08	131	P	P	21 18 10.7	+2.0
IMBA	Imbabura, San	22.08	131	P	IAMB	21 18 24.7	
W52A	Murphy	22.14	24	P	P	21 18 08.7	-0.1
CPCT	Cooper Cave	22.23	23	P	P	21 18 08.3	-1.3
CPCT	Cooper Cave	22.23	23	P	IAMB	21 18 22.6	
ORTC	Ortega, Tolima	22.26	118	eP	P	21 18 12.5	+2.3
HNHC	New Hope	22.27	34	P	P	21 18 09.7	-0.4
ANMO	Albuquerque	22.33	334	P	P	21 18 10.6	-0.4
ANMO	Albuquerque	22.33	334	P	P	21 18 13.0	+2.0
ANMO	Albuquerque	22.33	334	P	P	21 18 12.8	+1.8
TUC	Tucson	22.45	322	P	P	21 18 13.2	+1.1
TUC	Tucson	22.45	322	P	IAMB	21 18 21.3	
BG3	Lake Jocassee	22.47	26	P	P	21 18 10.9	-1.3
BG3	Lake Jocassee	22.47	26	P	IAMB	21 18 28.6	
CASEE	Lake Jocassee	22.47	26	P	P	21 18 11.7	-0.6
S39A	Bolivar	22.50	3	P	P	21 18 12.3	-0.3
ROSC	El Rosal	22.60	115	P	P	21 18 14.6	+0.4
ROSC	El Rosal	22.60	115	P	P	21 18 15.4	+1.3
V51A	Loudon	22.61	23	P	P	21 18 12.3	-1.4
JSC	Jenkinsville	22.64	30	P	P	21 18 13.6	-0.4
PRAC	Prado	22.66	118	P	P	21 18 14.0	-0.5
PRAC	Prado	22.66	118	P	IAMB	21 18 24.7	
PRAC	Prado	22.66	118	eP	P	21 18 15.6	+1.1
TKL	Tuckaleechee C	22.70	24	P	P	21 18 13.7	-1.0
TKL	Tuckaleechee C	22.70	24	P	IAMB	21 18 24.8	
TKL	Tuckaleechee C	22.70	24	P	P	21 18 13.1	-1.5
U49A	Red Boiling Sp	22.76	19	P	P	21 18 13.2	-2.0

47A	Sharon Grove	22.81	16	P	P	21 18 15.2	-0.6
BARC	Barichara	22.85	109	eP	P	21 18 17.7	+0.9
V52A	Sevierville	22.93	24	P	P	21 18 15.9	-1.2
V52A	Sevierville	22.93	24	P	IAMB	21 18 27.0	
V52A	Sevierville	22.93	24	P	P	21 18 16.4	-0.7
PCM	Pamplona, Colo	23.01	107	eP	P	21 18 18.6	0.0
CCM	Cathedral Cave	23.04	7	P	P	21 18 18.3	+0.1
V53A	Saluda	23.09	26	P	P	21 18 17.9	-1.0
V53A	Saluda	23.09	26	P	P	21 18 17.9	-1.0
R40A	Maddies Statio	23.17	5	P	P	21 18 19.9	+0.4
CHIC	Chingaza	23.21	115	eP	P	21 18 23.1	+2.5
RUSC	La Rusia	23.23	111	eP	P	21 18 20.4	-0.4
RUSC	La Rusia	23.23	111	eP	P	21 18 20.9	0.0
COHC	Cochanecay	23.30	137	P	P	21 18 21.2	+0.2
KMSC	Kings Mountain	23.30	29	P	P	21 18 19.3	-1.6
KMSC	Kings Mountain	23.30	29	P	IAMB	21 18 32.2	
KMSC	Kings Mountain	23.30	29	P	P	21 18 21.0	0.0
KMSC	Kings Mountain	23.30	29	P	P	21 18 20.7	-0.2
R32A	Long Quarter	23.45	352	P	P	21 18 24.0	+1.7
214A	Organ Pipe Nat	23.45	319	P	P	21 18 23.1	+0.6
214A	Organ Pipe Nat	23.45	319	P	IAMB	21 18 28.1	
214A	Organ Pipe Nat	23.45	319	P	P	21 18 25.3	+2.8
T25A	Trinidad	23.52	340	P	P	21 18 24.4	+1.1
T25A	Trinidad	23.52	340	P	P	21 18 25.3	+2.1
TZTN	Tazewell	23.56	23	P	P	21 18 21.7	-1.8
TZTN	Tazewell	23.56	23	P	IAMB	21 18 34.4	
TZTN	Tazewell	23.56	23	P	P	21 18 22.4	-1.1
TZTN	Tazewell	23.56	23	P	P	21 18 22.5	-1.0
ARNL	Arenillas	23.62	141	P	P	21 18 25.2	+1.0
ARNL	Arenillas	23.62	141	P	IAMB	21 18 27.4	
KSU1	Kansas State U	23.92	357	P	P	21 18 27.4	+0.5
KSU1	Kansas State U	23.92	357	P	P	21 18 28.0	+1.1
V55A	Taylorville	24.36	28	P	P	21 18 26.9	-0.2
V55A	Taylorville	24.36	28	P	P	21 18 26.9	-0.2
CBKS	Cedar Bluff	23.98	350	P	P	21 18 27.4	-0.2
CBKS	Cedar Bluff	23.98	350	P	P	21 18 28.9	+1.4
W18A	Petrified Fore	23.99	329	P	P	21 18 30.3	+2.4
TAMC	Tame, Arauca	24.18	108	eP	P	21 18 30.5	+0.8
WCI	Wyandotte Cave	24.20	17	P	P	21 18 28.6	-0.9
WCI	Wyandotte Cave	24.20	17	P	IAMB	21 18 30.5	
WCI	Wyandotte Cave	24.20	17	P	P	21 18 29.5	0.0
WCI	Wyandotte Cave	24.20	17	P	P	21 18 29.4	0.0
Q44A	Meyer Farm, Va	24.21	11	P	P	21 18 28.6	-1.0
OLIL	Olney	24.23	13	P	P	21 18 28.5	-1.3
BOSC	San Juan Bosco	24.31	137	P	P	21 18 32.0	+1.1
MCRA	Macar, Loja	24.34	142	P	P	21 18 31.0	0.0
X16A	Lo Mia Camp, P	24.36	325	P	P	21 18 32.5	+1.2
P38A	Dawn	24.42	2	P	P	21 18 31.9	+0.4
P40A	Paris	24.42	5	P	P		

19d 21h

Table with columns: ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like EYMN Ely, MDND Maddock, BOZ Bozeman (W), etc.

2017 SEP

Table with columns: ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like Villa Florida, O29M Mount Kennedy, N30M Aishkik Lake, etc.

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Table with columns: ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like DYE2 Dye2, E28M Babbage River, WAT1 Susitna Watana, etc.



Table of astronomical observations for 1439. Columns include station ID, name, RA, Dec, Az, El, SNR, and other parameters.

Table of astronomical observations for 2017 SEP. Columns include station ID, name, RA, Dec, Az, El, SNR, and other parameters.

Table of astronomical observations for 19d 21h. Columns include station ID, name, RA, Dec, Az, El, SNR, and other parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Barranco-do-Ve, ZHG, MD31, etc.

IDC 19 21:31:24.7:0.8,2.79N,96.45E,h0km,mb4.1/14, mbtmp4.1/15,ML4.4/1, Error ellipse: s-maj=38.3km s-min=16.1km az=53.0

DJA 19 21:31:31.7:0.6,3.3N,97.7E,h18km,8km,M4.0/6, ML4.0/6

NEIC 19 21:31:33.7:1.1,2.98N,106.96E,0.1,h60km,9km, mb4.3/15, Error ellipse: s-maj=15.5km s-min=8.3km az=70.0

ISC 19 21:31:32.3:0.9,2.86N,104.96E,0.06,h56km,9km,n57,c091/53,mb4.2/20,Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Sinabang, Aceh, Kotacane, Aceh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Diego Garcia H, KNRA, Cape Leeuwin H, etc.

JMA 19 21:41:44.2:0.5,46°N,1°14'22"E,h9km,4km,MV2.9/20, SOUTH SAKHALIN

SKHL 19 21:41:45.0:0.5,46°06'N,142°20'E,h6km,4km,mb3.7/3

ISC 19 21:41:47.7:1.1,46.14N,142.02E,0.10,h21km,n6,c019/10,Sakhalin Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Keihoku, Kholm, Yuzh-Sakhalins, etc.

IDC 19 21:46:17.5:1.1,1.96N,126.55E,h0km,mb3.8/7, mbtmp3.8/7, Error ellipse: s-maj=84.0km s-min=17.6km az=65.0

DJA 19 21:46:22.6:0.7,2°N,9°12'7"E,h10km,M3.8/7,ML3.8/7

ISC 19 21:46:24.2:0.9,2.0N,101.12E,h136.0km,0.9,h47km,n13,c105/14,mb3.7/7,Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Terate, Labuha, Cibinong, etc.

NEIC 19 22:17:54.3:0.5,36°457N,0°10:98'79W,0.02,h4km,5km, Error ellipse: s-maj=2.9km s-min=1.2km az=104.0

TUL 19 22:17:53.7:0.5,36°46N,0°10:98'80W,0.02,h5km,6km, ML3.1,mb\_Lg3.6/3(NEIC),ML2.8/13(NEIC), Error ellipse: s-maj=2.9km s-min=1.8km az=111.0,Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like West end E0370, Winter Ranch, Wayne, etc.

NEIC 19 22:21:38.8:0.6,36°45N,0°10:98'79W,0.03,h4km,6km, Error ellipse: s-maj=3.3km s-min=1.9km az=89.0

TUL 19 22:21:38.8:0.6,36°46N,0°10:98'80W,0.03,h6km,6km, ML3.4,mb\_Lg3.1/2(NEIC),ML2.3/13(NEIC), Error ellipse: s-maj=3.4km s-min=2.2km az=82.0,Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like West end E0370, Winter Ranch, Wayne, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical parameters. Includes stations like PKE, KHEZ, KHEZ, CPWZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical parameters. Includes stations like KURBB, NRIK, KMBG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical parameters. Includes stations like PTM, CDITO, BRUZ, etc.

MEX 1923:11:31.5:0.8, 15:76N:95:11W, h24km, 16km, MD4.6
IDC 1923:11:32.8:0.8, 16:27N:94:79W, h53km, 6km, mb4.0, 0.21,
mbmp4.2/23, MS3.6/3, Error ellipse: s-maj=16.6km
s-min=11.0km az=55.0
NEIC 1923:11:32.2:1.3, 16:24N:10:94:86W:0:07, h45km, 8km,
mb4.6/89, Md4.5/12(MEKO), Error ellipse: s-maj=14.7km
s-min=8.1km az=204.0
ISC 1923:11:30.8:0.6, 15:98N:0:04:95:10W:0:03, h50km, 5km,
mb4.0, e193/307, mb4.6/56, MS3.5/3, 7D, Near coast of

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical parameters. Includes stations like NILT, HUIG, HUIG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical parameters. Includes stations like CAIG, CAIG, CAIG, etc.

Table with columns: Y22D, IRIS PASSCAL I, 20.93 332, P, Pn, 23 16 11.8 -0.7, etc. Lists various seismic stations and their coordinates.

Table with columns: SAML Samuel, 40.15 126, P, Iamb, 23 19 02.4 0.0, etc. Lists seismic stations and their coordinates.

Table with columns: HFS Hagfors, 85.31 28, P, P, 23 24 02.4 +0.1, etc. Lists seismic stations and their coordinates.

Table of astronomical observations for 20d Oh, listing station names, coordinates, and observation times.

Table of astronomical observations for NEIC 19 23:45:36.2+0.8, listing station names, coordinates, and observation times.

Table of astronomical observations for CO01, listing station names, coordinates, and observation times.



20d Oh

Table with columns for station codes (AFSR, TDK, etc.), names (Afar-Bata, Taldygorghan, etc.), coordinates, and various status indicators (P, Pmax, etc.).

2017 SEP

Table with columns for station codes (KURK, KURK, etc.), names (Kurchatov, Balikesir, etc.), coordinates, and various status indicators (P, Pmax, etc.).

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Table with columns for station codes (MOS, MOS, etc.), names (Neurokopi, Malin Array, etc.), coordinates, and various status indicators (P, Pmax, etc.).





Main table containing station names, call signs, frequencies, and various technical parameters such as power, modulation, and coordinates.

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 Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, 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 Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

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 Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

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 Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

TRN 20 00:15:48.8, 11:04N:61.98W, h93km, MD3.0
FUNV 20 00:15:49.8, 11:07N:62.18W, h23km, MW3.4
ISC 20 00:15:45.5, 2.0, 10.37N:0.07, 62.09W:0.06,
h113km, 18km, n11, 0.1590/19, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

KRSC 20 00:26:46.5, 1.7, 54.23N:167.77E, h14km, 17km, MI3.7,
Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

IDC 20 00:33:08.4, 1.7, 18.09S:178.35W, h573km, 13km, mb3.2/5,
mbmp4, 1/7, Error ellipse: s-maj=30.9km s-min=23.8km
az=125.0

ISC 20 00:33:08.6, 1.1, 18.0S:0.2:178.4W:0.2, h579km, n10,
0.671/13, mb3.9/5, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, 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 Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

NEIC 20 00:37:00.2, 1.3, 36.45N:0.01:98.82W:0.03, h9km, 7km,
Error ellipse: s-maj=3.8km s-min=1.9km az=79.0

TUL 20 00:37:00.7, 0.8, 36.46N:0.01:98.80W:0.01, h6km, 2km,
ML2.5, mb\_Lg2.1/11 (NEIC), ML2.3/11 (NEIC), Error
ellipse: s-maj=1.9km s-min=1.4km az=134.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

DJA 20 00:44:50.7, 0.7, 4S:4.14E, h45km, 10km, M5.0/11,

20d 1h

2017 SEP

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Jayapura, Genyem, Sarmi, etc.

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

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

SAJ 2017-03-39.6:0.8, 20:28S:69:05W, h112km, 3km, ML3.7, MW3.8
GUC 2017-03-41.5:0.8, 20:26S:69:03W, h102km, 4km, ML3.7
VAO 2017-03-41.8:0.4, 20:31S:68:99W, h130km, 4km, ML3.7
ISC 2017-03-40.3:0.7, 20:26S:03:69:09W, h111km, 6km, n48, c19443, 8C-2D, Northern Chile
Code Station Name Az AzZ Phase ID Time Res ISC
PB08 IPOC Station P 0.13 332 I/P Pn 01 03 56.0 -0.2



20d 1h

2017 SEP

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, SNR, and other metrics. Includes stations like MT01, TRQA, BO04, QIZ, QZHZ, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, SNR, and other metrics. Includes stations like MND, CP5B, UN15, UNIS, UNIS, UNIS, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, SNR, and other metrics. Includes stations like MDJ, CN2, LPAZ, LZH, LZH, etc.







Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MOX Moxa, GRF Grafenberg Arr, BFO Black Forest, etc.

IDC 20 02:18:38.2-1.7, 1.64N-127.06E, h0km, mb3.85, mbmp3.85, Error ellipse: s-maj=166.7km s-min=19.9km az=66.0

DJA 20 02:18:50.4-0.8, 2.15N-121.7E, h118km, 7km, M3.8/7, MLV3.8/7

ISC 20 02:18:50.9-1.3, 1.71N-101.127.1E:0.1, h103km, n10, z=32/11, mb3.9/5, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TNTI Ternate, LBMI Labuha, SANI Sanana, etc.

SNET 20 02:37:33.5-0.8, 1.450N-91.02W, h170km, 5km, ML4.3

IDC 20 02:37:35.7-0.7, 1.468N-90.61W, h185km, 4km, mb3.9/20, mbmp4.4/23, Error ellipse: s-maj=15.9km s-min=7.6km az=59.0

NEIC 20 02:37:36.2-2.4, 1.457N-90.08-90.9W:0.1, h179km, 6km, mb4.9/189, Error ellipse: s-maj=17.3km s-min=9.4km az=57.0

GCG 20 02:37:36.8-0.6, 1.469N-90.92W, h151km, MD4.6

ISC 20 02:37:38.0-0.4, 1.457N-100.95-86W:0.05, h180km, 3km, h180km: p-P, n559, e1510/514, mb4.9/117, 9C-3D,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FUG Fuego 3, PCG Pacaya, NBG Las Nubes, etc.

PETF Flores 2.52 22 Pn Pn 02 38 17.5 -0.2

TEIG Tepich 6.14 23 Pn Pn 02 39 03.4 -0.2

LCRUZ La Cruz 6.17 124 eP Pn 02 39 05.2 +1.0

GB3S Borinquen Arri 6.48 125 eP Pn 02 39 09.2 +0.9

ORTG Ortega, Santa 6.73 128 Pn Pn 02 39 12.4 +0.8

WVW Waverly 21.64 7 Pn Pn 02 42 10.5 -0.5

TKL Tuckaleechee C 21.94 16 Pn Pn 02 42 15.3 +0.8

AMTX Amarillo 22.45 336 Pn Pn 02 42 19.2 +0.1

AMT51 E0350 and S346 22.52 357 Pn Pn 02 42 18.0 -1.2

CGM3 Cape Girardeau 22.66 2 Iamb Iamb 02 42 22.0

W59A Clinton 23.35 26 Iamb Iamb 02 42 29.0

CCM Cathedral Cave 23.39 359 Pn Pn 02 42 26.0 -1.4

CCM Granite Mounta 30.07 316 Pn Pn 02 43 29.8 +2.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like 060A Indiantown, 833A Chaparral WMA, 833A Chaparral WMA, etc.

CBOC Ciudad Bolivar 16.97 119 eP Pn 02 41 22.7 +0.6

DRIO Del Rio 21.71 330 Pn Pn 02 41 24.4 +0.1

NATX Natagochoches 17.46 349 Pn Pn 02 41 27.2 +0.2

VBMS Vicksburg 17.57 1 Pn Pn 02 41 28.9 +0.1

YOTC Yotoco, Valle 17.76 125 eP Pn 02 41 31.4 0.0

237A Washetta, Mont 17.93 346 Pn Pn 02 41 31.9 +0.7

NORC Norcasia 18.10 118 eP Pn 02 41 34.0 +0.7

POPC Popayan, Colom 18.41 129 eP Pn 02 41 39.7 +0.6

FW16 Waxahatchie 18.66 344 Pn Pn 02 41 40.2 +1.1

FW14 Alvarado 18.66 343 Pn Pn 02 41 39.7 +0.5

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.8

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

TXAR Lajitas Array 18.86 323 Pn Pn 02 41 43.3 +0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CCM Cathedral Cave, USIN University of, 121A Cookes Peak, D, etc.

CCM Cathedral Cave 23.39 359 Pn Pn 02 42 28.0 +0.6

USIN University of 23.47 6 Iamb Iamb 02 42 29.9

121A Cookes Peak, D 23.61 322 Pn Pn 02 43 21.7 +2.0

CNNC Cliffs of the 23.66 27 Pn Pn 02 42 30.9 +1.1

R40A Maddies Station 23.66 357 Iamb Iamb 02 42 32.8

WS1A Beattyville 23.86 14 Iamb Iamb 02 42 36.5

SC5A Wyandotte Cave 23.91 9 Pn Pn 02 43 22.0 +1.0

WCI Wyandotte Cave 23.91 9 Pn Pn 02 43 29.9 +0.8

SLM Saint Louis 23.97 1 Iamb Iamb 02 42 35.2

OLLJ Olney 24.19 5 Iamb Iamb 02 42 36.2

Q44A Meyer Farm, Va 24.29 3 Iamb Iamb 02 42 38.1

R50A 24.31 13 Iamb Iamb 02 42 38.4

BLA Blacksburg 24.39 21 Iamb Iamb 02 42 38.9

BLA Blacksburg 24.39 21 Pn Pn 02 42 38.1 +1.6

DUNB Lazy B Ranch 24.42 320 Iamb Iamb 02 42 27.0

T57A Hurt 24.61 23 Pn Pn 02 42 39.5 +1.0

T57A 24.61 23 Pn Pn 02 42 40.9

U59A Littleton 24.64 26 Iamb Iamb 02 42 43.7

ANMO Albuquerque 24.68 328 Pn Pn 02 42 40.6 +1.2

BLO Bloomington 24.80 8 Iamb Iamb 02 42 41.6

P40A Paris 24.88 358 Iamb Iamb 02 43 19.9

KSU1 Kansas State U 24.95 349 Pn Pn 02 42 42.0 +0.4

KSU1 Kansas State U 24.95 349 Pn Pn 02 42 44.5

KSU1 Kansas State U 24.95 349 Pn Pn 02 42 42.9 +1.3

P38A Dawn 24.97 355 Iamb Iamb 02 42 51.6

P46A Rosedale 25.15 7 Iamb Iamb 02 42 44.6

P48A Milroy 25.25 10 Iamb Iamb 02 42 45.3

T59A Double "B" Far 25.26 26 Pn Pn 02 42 45.0 +0.5

TUC Tucson 25.34 318 Pn Pn 02 42 47.7 +2.4

20d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAL Palisades, BIN Binghamton, J54A Appleton, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SIV comp=Z,3.2nm,0.5s, EDL Edmonton, PDRR Porto dos Gac, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR Eielson Array, ILAR Eielson Array, KULLO Kullorsuaq, etc.

1456

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NBO00, NORSAR Array S, NORSAR Subarray, etc.

WEL 20 02:42:00, 41.48S; 174.34E, h25km, ML5.1, Mw4.7, Moment Tensor Solution... NEIC 20 02:42:09.8, 21.41S; 151.03E; 174.34E; 0.103, h23km, 2km, mb4.9/20, Mw4.6/43, Error ellipse: s-maj=4.4km...

NOU 20 02:42:09.7, 41.67S; 174.30E, h0km, MLV5.3/16, Cook Strait, New Zealand... NEIC 20 02:42:10.1, 41.51S; 174.34E, h25km... ISC 20 02:42:09.6, 0.3, 41.52S; 174.34E; 0.02, h22km, 2km, h22km; p-P, 2.95, 1.984/329, mb5.0/26, MS2.5, 8C-2D.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CMWZ, Kiwi, TCW, TUWZ, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like LREZ, AMZC, NMEZ, PNHZ, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CTAO, QIS, VNSA, SBA, AS31, ASAR, etc.



Table with columns: VNA2, VNA1, NVAR, TXAR, ILAR, PDAR, BVAR, ARCES, ARCES, FINESSE, NC303, NB21, NB2, NOA, NC602, HFS, KONO, KASO, MMAI, BR131, BRTR, KWP, EKA, BUR08, BURAR, CL, TORD, TORD, TORD, TORD. Includes station names, frequencies, and various parameters.

JMA 20 03:23:34.8, 0.3, 23°N, 1°12'33.3E, 1.0, h56km, MV3, 0/13, NEAR ISHIGAKIJIMA ISLAND

ISC 20 03:23:35.7, 2.2, 23°N, 1°01'12.33E, 0.07, h50km, n14, o0511/22, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, YOJ, YOJ, YOJ, YOJ, JYNG, JYNG, JIJ, JIJ, JISG, JISG, YULB, YULB, NACB, NACB, JTJ, JTJ, SSSL, SSSL, YHNB, YHNB, TPUB, TPUB.

MEX 20 03:27:59.1, 0.7, 15.66N, 95.09W, h17km, 72km, MD4.7, NEIC 20 03:28:02.7, 1.8, 16.00N, 0.05-95.12W, 0.04, h35km, 2km, mb4, 0.178, Mtd, 7.77, MEX, Error ellipse: s-maj=9.2km s-min=6.2km az=14.0

IDC 20 03:28:04.0, 3.0, 15.97N, 95.06W, h44km, 27km, mb4, 0/13, mbmp4, 2/15, MLL3, 7/2, MS4, 2/2, Error ellipse: s-maj=32.2km s-min=13.3km az=55.0

ISC 20 03:28:02.8, 0.4, 16.00N, 0.06-95.08W, 0.05, h35km, n434, o115/378, mb4, 5/66, 2D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HUG, HUG, NEUV, NEUV, OXIG, OXIG, VHO, VHO, PEIG, PEIG, YOIG, YOIG, HUEH, HUEH, PETF, PETF, UNIM, UNIM, ESQI, ESQI, MTO3, MTO3, SNET, SNET, TEIG, TEIG, TGUH, TGUH, CNGN, CNGN, MATH, MATH, ACON, ACON, ORTG, ORTG, DUNO, DUNO, JTS, JTS, LCR2, LCR2, 833A, 833A, PEZE, PEZE, HKT, HKT, HNDO, HNDO, DRIO, DRIO, 441A, 441A, 435B, 435B, JCT, JCT, JCT, JCT, SAND, SAND, TX31, TX31, TX32, TX32, TXAR, TXAR, BRDY, BRDY, NATX, NATX, NATX, NATX, OZNA, OZNA, OZNA, OZNA.

Table with columns: SLBS, WHTX, ALPN, FW13, FW14, SGCY, FW07, ABTX, FW03, PECS, Z41A, ODSA, DWPF, APMT, WFTS, POST, 352A, 352A, MNTX, DKNS, LRL, LRL, X37A, MIAR, MIAR, TIGA, UALR, WMOK, WMOK, OXF, MSTX, MSTX, WHAR, WHAR, AMTX, OK029, TUL3, TUL3, FCAR, FCAR, RLO, 121A, 121A, HBAR, GOGA, U38A, NOKA, NOKA, WYT, WYT, PBMO, PBMO, OK032, OK032, WWT, WWT, GMGO, GMGO, CBOC, CBOC, ANMO, ANMO, ANMO, ANMO, PLMC, PLMC, HELC, HELC, ZARC, ZARC, TUC, TUC, S39A, S39A, NHSC, NHSC, YOTC, YOTC, GUYZ, GUYZ, JAMC, JAMC, CCM, CCM, R40A, R40A, NORC, NORC, ANIL, ANIL, POPC, POPC, T25A, T25A, T25A, T25A, OTAV, OTAV, IMBA, IMBA, TULM, TULM, TULM, TULM, ORTC, ORTC, KSU1, KSU1.

Table with columns: KSU1, CBKS, W18A, ROSC, ROSC, WCI, X16A, SDCO, P40A, CHSH, CHSH, 113A, 113A, CHIC, CHIC, KSOC, KSOC, S22A, S22A, MVCO, MVCO, WUAZ, WUAZ, WUAZ, WUAZ, CNNC, CNNC, GLA, GLA, TAMC, TAMC, BLA, BLA, SDV, SDV, SDV, SDV, PDMCI, PDMCI, BOSQ, BOSQ, P49A, P49A, SWSC, SWSC, SFIN, SFIN, BC3, BC3, ISCO, ISCO, ISCO, ISCO, IRM, IRM, MONPE, MONPE, PMD, PMD, TPFO, TPFO, PFO, PFO, PFO, PFO, 109C, 109C, P52A, P52A, L40A, L40A, GMRC, GMRC, V12A, V12A, N23A, N23A, MURC, MURC, O20A, O20A, O20A, O20A, CCUT, CCUT, JFWS, JFWS, JFWS, JFWS, GSC, GSC, SHOC, SHOC, ECSD, ECSD, TPNV, TPNV, FURC, FURC, MPMC, MPMC, R11B, R11B, TCUT, TCUT, GRAC, GRAC, CWC, CWC, VES, VES, SPMN, SPMN, DSP, DSP, NV11, NV11, MDPB, MDPB, NVAR, NVAR, NVAR, NVAR, NVAR, NVAR, LHV, LHV, SNOW, SNOW, KVN, KVN, RLMT, RLMT, LAO, LAO, TBGT, TBGT, SGCB, SGCB, HLID, HLID, CZSB, CZSB, DLMT, DLMT, WVOR, WVOR, J378, J378, PLID, PLID, EGMT, EGMT, LBNH, LBNH, F10A, F10A.

20d 3h

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like TEF, BOAV, ETMB, MACA, etc.

2017 SEP

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like SCRC, SCRC, I27K, J26L, etc.

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Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like N16K, F21K, C23K, etc.

KRNET 20 03:39:08.9.0.1, 42°20'N:79°54'E, h1km, mb2.7
NCC 20 03:39:09.0.0.6, 42°28'N:79°56'E, h0km, mb3.1, mpv3.6,
Error ellipse: s-maj=4.0km s-min=2.2km az=154.0
SOME 20 03:39:09.4, 42°23'N:79°53'E, h10km
ISC 20 03:39:09.5+1.7, 42°24'N:0°06:79°54'E:0.05, h7km, m10km,
n44, o596/67, 17C-2D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Azimuth Uncertainty, Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty. Includes stations like PRZ, PRZ, SHLS, etc.

1461

Table with columns: DJR, 14nm, 0.1s, Jarkent, 2.10, 5, Pg, Pb, 03 39 47.9, 0.0, etc.

GRAL 20 03:40:52.8-0.3, 33.88N-34.69E, h16km, 5km, MD3.1
NIC 20 03:40:52.8-0.0, 33.85N-34.73E, h32km, 27km, M12.5/8
GII 20 03:40:53.1-0.0, 33.70N-34.73E, h14km, 1km, MD2.4/2,
Mm2.5/6

JSO 20 03:40:54, 33.64N-34.72E, h10km, ML3.2/19
ISC 20 03:40:52.3-1.2, 33.85N-03-34.75E-0.04, h31km, 13km,
n56, <0569/83, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DQRL, Deir Qamar, 0.70, 101, eP, S, 03 41 06.3, +0.2, etc.

2017 SEP

Table with columns: TROD, S, Sn, 03 41 46.3, +0.3, SAND, Sanderson, 15.74, 337, Pn, Iamb, Iamb, 04 19 25.7, +0.8, etc.

SOME 20 04:03:40.7, 43.12N-78.30E, h10km
NIC 20 04:03:42.9, 1.1, 43.11N-78.44E, h0km, mpv3.6, Error
ellipse: s-maj=10.7km s-min=7.5km az=115.0

ISC 20 04:03:40.5, 43.12N-078.78E-0.2, h12km, 16km, n6,
<056/12, 1C, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SATY, Saty, 0.10, 131, P, Op, ISC, 04 03 43.5, 0.0, etc.

IDC 20 04:15:41.0-0.8, 15.49N-94.95W, h0km, mb4.1/13,
mbmp4.0/15, ML3.7/2, MS3.9/34, Error ellipse:
s-maj=29.3km s-min=13.3km az=55.0

MEX 20 04:15:45.6-0.8, 15.55N-95.08W, h16km, 25km, MD4.7
NEIC 20 04:15:47.1-2.0, 15.57N-09.95W-0.06, h35km, 2km,
mb4.5/145, Md4.77(MEX), Error ellipse: s-maj=15.6km
s-min=9.3km az=200.0

ISC 20 04:15:43.0-0.5, 15.56N-006.9505W-0.04, h10km, n177,
<172/119, mb4.4/51, MS3.9/32, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HUIG, Huatulo, 1.04, 282, eP, S, 04 16 01.5, -1.5, etc.

20d 4h

Table with columns: JCT, Iamb, Iamb, 04 19 39.1, SAND, Sanderson, 15.74, 337, Pn, Iamb, Iamb, 04 19 25.7, +0.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MACC Macarena, Meta, PTGC Puerto Gaitan, U15A North Rim, ISCO Idaho Springs, SCIA State Center, SCIA Pinyon Flats, KNB Kanab, V12A Nelson, N23A Red Feather Lake, MTPU Mount Pierson, JFWS Jewell Farm, ATAH Alathualpa, ECSD EROS Data Cent, GRAC Grapevine Rang, TCUT Toone Canyon, PDAR Pinedale Array, HVU Hansel Valley, NV11 Milna Array, MDPB Devils Postpil, ID07 Smith Canyon, ELK Elko, NVAR Milna Array, NVAR Wild Horse Val, PLID Pearl Lake, ULM Lac du Bonnet, YBH Yreka Blue Hor, NEW Newport, C09A Chrisman Ranch, ETMB Extrema, LPAZ La Paz, RPN Rapa Nui, SCHO Schefferville, SIV San Ignacio, YKA Yellowknife Ar, FRB Frobisher Bay, N32M Quiet Lake, MMPY Sheldon Lake, CFA Coronel Fontan, M29M Somme Creek, BDFB Brasilia, INK Inuvik, SFJD Kangerlussuaq, RES Resolute Bay, F28M Old Crow, KDKA Kodiak Island, ILAR Eielson Array, PLCA Paso Flores, I23K Minto, Yukon-K, RCBR Riachuelo, BORG Borgarnes, JMJC Jan Mayen, EKA Eskdalemuir Ar, ESDC Sonseca Array, NB2 NORSAR Subarra, NOA NORSAR Array B, HFS Hagfors, DAVOX Davos/Dischmat, GERES GERES Array B, FINES FINESS Array B, TORD Torodi Ar. Bea, MLR Muntele Rosu, WRA Warramunga Arr, ASAR Alice Springs

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SKHL 20 04:26:50.3, 1.0, 7.44, 10N:149:30E, h35km, 2km, mb4.5/3, KUR Kurlin'sk, KUR 120nm,0.5s, KUR 260nm,0.5s, KUR 600nm,0.4s, KUR 440nm,0.4s, YUK Yuzh-Kuril'sk, YUK 150nm,0.5s, YUK 310nm,0.6s, YUK 290nm,0.6s, NMR Nemuro-Hokkai, NMR 70nm,0.6s, NMR 290nm,0.5s, NMR 200nm,0.5s, AKK Akkeshi, ASAJ Asahikawa, PETK Petropavlovsk, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1N3 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1S2 WAKE ISLAND, SONM Songoing Array, ILAR Eielson Array, MKAR Makanchi Array, KURRB Kurchatov Arra, WRA Warramunga Arr, FINES FINESS Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, HFS Hagfors, KBZ Khabaz, AKASG Malin Array Be, TXAR Lajitas Array, NNC 20 04:49:10.9, 3.2, 54.47N:86.96E, h0km, mb3.3, mvp3.1, IDC 20 04:49:14.2, 3.2, 8.5, 21N:86.71E, h0km, mbmp3.3/2, ML2.8/2, Error ellipse: s-maj=22.0km s-min=13.8km az=60.0, ISC 20 04:49:05.1, 2.2, 52.89N:0.05:86.9E:0.1, h0km, n8, ZALESOVO INFRA, ZAAO Zalevso Array, ZAAO 11nm,0.9s, ZALV Zalevso Beam, KURK Kurchatov, KURK 1.9nm,0.8s, KURK 4.0nm,0.8s, KURRB Kurchatov Arra, KURRB 3.4nm,0.6s, KURRB 5.3nm,0.7s, KURRB 22nm,1.2s, KURRB 0.2nm,0.3s, MK31 Makanchi Array, MKAR Makanchi Array, MKAR 0.1nm,0.3s, MKAR 12s,slow=30, SNR=3.0, MEX 20 04:49:17.0, 9.16, 04N:95.13W, h45km, 37km, MD4.4, NEIC 20 04:49:17.1, 1.7, 15.38N:0.09:95.15W:0.04, h37km, 11km, IDC 20 04:49:22.9, 2.2, 16.27N:94.72W, h71km, 22km, mb3.9/8, mbmp3.2/10, MS3.5/6, Error ellipse: s-maj=20.2km s-min=15.0km az=64.0, ISC 20 04:49:16.9, 0.9, 15.99N:0.06:95.14W:0.03, h43km, 11km, n75, s-c143/85, mb4.0/13, MS3.4/4, Near coast of Oaxaca, NLT Niantite, HUIG Huatulco, HUIG Huatulco, HUIG Huatulco, PANG Puerto Angel

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PANG Puerto Angel, PCIG Puerto Escondi, PEIG Puerto Escondi, HUEH Huehuetenango, PETF Flores, ESQI Esquipulas, MTO3 Monteicristo, TEIG Tepich, TEIG Tepich, TEIG 493nm,0.4s, bazz=13,slow=2.4, SNR=65, S, SN 04 52 27.6 -6.4, TGUH Tegucigalpa,Un, TGAM Matagalpa, ORTG Ortega, Santa, JTS Juntas, JTS Juntas, JTS 9.5nm,0.4s, bazz=306,slow=20, SNR=20, S, SN 04 54 03.9 +0.2, JTS 0.9nm,0.3s, bazz=325,slow=19, SNR=1.2, S, SN 04 56 05.2, LCR2 La Lucha 2, JCT Junction City, TXAR Lajitas Array, TX31 Lajitas Ar, TX31 2.16nm,1.4s, TX32 Lajitas Array, BRDY Brady, OZNA Ozona, ALPN Alpine, ALPN Azle, FW06 Azle, ABTX Abilene, Hawle, 425A Indio Mountain, MSTX Muleshoe, OK052 Battle Ridge R, FCAR Ozark Folk Cen, FCAR Santa Helena, 121A Cookes Peak, D, QUOK Quok, U38A Gravette, T35A Suoner Cattle, CBOC Ciudad Bolivar, ANMO Albuquerque, HELC Santa Helena, ZARC Zaragoza, Cauc, S39A Bolivar, YOTO Yotopuati, TKL Tuckaleechee C, TKL 2.4nm,0.9s, bazz=353,slow=16, SNR=2.1, S, SN 04 58 04.2 -4.9, GUY2 Guyana, Caidas, JAMC Jamundi, Valle, R40A Maddies Station, NORC Norcasia, BBAC Balboa, Cauca, ANIL Santa Ana, ORTC Ortega, Tolima, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, PRAC Prad, BARC Barichara, X16A Lo Mia Camp, P, CHUC La Rusia, RHIC Chingaza, TAMC Tama Arauca, N38A Joes South For, SDV Santo Domingo, ELK Elko, NVAR Milna Array, NVAR Milna Array, YBH Yreka Blue Hor, ETMB Extrema, SAML Samuel, SAML Samuel, MDP Montagnes des, BDFB Brasilia, EKA Eskdalemuir Ar, ESDC Sonseca Array, NB2 NORSAR Subarra, NOA NORSAR Array B, TORD Torodi Ar, NIED 20 05:15:56.0, 0.6, 44.30N:149.22E, h0km, mb4.4/31, mbmp4.3/37, ML3.8/6, MS4.3/37, Error ellipse: s-maj=14.9km s-min=12.6km az=148.0, SKHL 20 05:15:55.8, 0.4, 44.00N:149.50E, h36km, 1km, mb5.4/5, ms4.3/7, JMA 20 05:15:56.0, 0.6, 44.30N:149.22E, h30km, MD4.7/13, MV5.1/13, SE OFF ETOROFU, NIED 20 05:15:56.0, 0.4, 36N:149.39E, h30km, MW4.8, Moment Tensor Solution, s3 Moment tensor: Scale 1016Nm, M1:1.31, Mw:0.18, Mw:1.13, Mw:0.61, Mw:0.62, Mw:0.68; Fault plane solution: M1:1.65000001016 NP1:35.0000000, delta:0.0000000, 1.99.0000000, NP2:196.0000000, delta:0.0000000, 1.73.0000000, BGR 20 05:15:55.4, 43.29N:146.74E, h33km, mb4.8, Ms4.4, BUI 20 05:15:56.4, 0.4, 44.21N:149.40E, h37km, mb4.8/70, mb4.9/45, Ms4.5/67, Ms7.4/5/63, MOS 20 05:15:58.6, 1.0, 44.18N:149.15E, h40km, mb5.1/59, Error ellipse: s-maj=6.7km s-min=4.9km az=123.9



NEIC 20 05:16:02.2:1.7, 44.28N, 0:09:149:0E:0.1, h54km, 7km, mb4.8/14.1, Error ellipse: s-maj=14.7km s-min=10.1km az=145.0

ISC 20 05:15:59.1:0.4, 44.13N, 0:04:149:25E:0.04, h35km, 1km, h36km; p-P, n653, c1929/618, mb4.8/187, MS4.5/68, 21C-29D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, ISC Op, Pn, S, Time, Res, ISC. Includes stations like Kuril'sk, Shikotan, Nemuro 2, etc.

Table with columns: SKR, Severo-Kuril's, 8.04 33, ePN, Pn, 05 17 55.9 +2.7, etc. Includes stations like Tynovskoe, Marumori, Ternei, etc.

Table with columns: YAK, e'SS, sS, 05 24 50.8 -0.2, etc. Includes stations like Yakutsk, XilinHot, Beijing, etc.



Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like MAKZ Makanchi, WHY Whitehorse, KURK Kurchatov, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like AB31 Akbulak array, BELG Belogornoye, MSO Missoula, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like DY2G, NC405 NORSAR Array S, NOA NORSAR Array B, etc.













Table with columns for station ID, name, coordinates, and status. Includes stations like O30N, M31M, P30M, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like L26K, RETA, MOTA, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like CUT, H24K, NEA2, etc.

Table of astronomical data including station names, coordinates, and flags for various locations like KIV, KBZ, ZEY, ARU, etc.

Table of astronomical data including station names, coordinates, and flags for various locations like SONM, CN2, SOEI, etc.

Table of astronomical data including station names, coordinates, and flags for various locations like NEIC, DEOK, QUOK, etc.

Table with columns: FVM, JCT, CGM3, S44A, HUCO, SIUC, DRIO, P43A, SAND, Q24A, HDIL, T47A. Includes station names, coordinates, and status.

ISC 20:06:27.23.2.3.3, 1.07S-.99.74E, h0km, mb3.8, m, mbtmp3.8/5, Error ellipse: s-maj=181.7km s-min=22.8km az=52.0

ISC 20:06:27.28.7.2.8, 1.0S-0.7-99.9E:0.9, h35km, n12, c1926/6, mb4.1/5, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Diego Garcia H, Alice Springs, Makanchi Array, etc.

DSN 20:06:30:53.6:1.3, 27.95N-57.12E, h15km, ML4.0/11, Error ellipse: s-maj=27.8km s-min=11.9km az=121.0

TEH 20:06:30:54.1:2.5, 27.88N-56.87E, h17km, ML4.5, OMAN 20:06:30:56.8:2.2, 27.79N-56.87E, h10km, mb4.9/7, m4.2/19, ms2.8/2, Error ellipse: s-maj=24.5km s-min=7.9km az=44.0

NEIC 20:06:30:56.1:1.6, 27.92N-0.0756:81E-0.08, h24km, mb4.4/24, Error ellipse: s-maj=12.0km s-min=8.5km az=133.0

MOS 20:06:30:57.4:0.9, 27.99N-56.87E, h19km, mb4.4/16, Error ellipse: s-maj=9.1km s-min=5.9km az=88.7

ISC 20:06:30:59.1:2.5, 27.83N-56.84E, h60km, 24km, mb3.7/20, mbtmp4.0/28, ML4.8, MS3.5/22, Error ellipse: s-maj=17.4km s-min=13.2km az=6.0

ISC 20:06:30:54.1:0.4, 27.91N-0.0356:86E:0.03, h10km, n203, c184/214, mb4.2/34, MS3.6/22, 5C-4D, Southern Iran

Large table listing stations from Bandar-abas to Wadi Sarin with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Large table listing stations from WSAR to TARG with columns for station name, coordinates, status, and other parameters.

Large table listing stations from TARG to Tsumeb with columns for station name, coordinates, status, and other parameters.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and various station codes like MJAR, DAV, MA2, IMAR, etc.

IDC 20 06:38:03.1.3.2.53°49N-90°89E, h6km, mbmp3.4/3, ML2.8/3, Error ellipse: s-maj=27.4km s-min=22.8km az=52.0, Southwest Siberia

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like I46RU, ZALV, ZALV, etc.

TIR 20 06:49:59.6, 41°18'N-20°95'E, h6km, 1km, Md2.9, MI2.7 THE 20 06:50:00.6, 41°19'N-20°94'E, h0km, 3km, ML2.6/5, Error ellipse: s-maj=3.7km s-min=0.9km az=35.0

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like OHR, FNA, KBN, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like FNA, KBN, NEST, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like TIR, TIR, TIR, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like KNT, ULC, ULC, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like KAS, PRVS, PRVS, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like KEK, KEK, KEK, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like BOSS, BOSS, BOSS, etc.

NNC 20 06:51:14.5.3.7, 36°47'N-69°72'E, h123km, 66km, mb2.7, mpv3.2, Error ellipse: s-maj=33.0km s-min=24.8km az=161.0

IDC 20 06:51:15.0.5.8, 36°62'N-69°39'E, h106km, 50km, mb3.3/1, mbmp3.7/7, Error ellipse: s-maj=74.2km s-min=19.5km az=158.0

ISC 20 06:51:13.2.4.6, 36°50'N-69°55'E, 0.1, h100km, m12, 609017/7, 5C-2D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like AML, AML, AML, etc.

IDC 20 06:59:37.4.0.7, 14°03'N-146°62'E, h0km, mb4.4/17, mbmp4.4/17, Error ellipse: s-maj=20.4km s-min=15.4km az=97.0

NEIC 20 06:59:39.7.2.1, 14°0'N-0.1:146°64'E-0.0, h10km, 1km, mb4.6/50, Error ellipse: s-maj=19.5km s-min=14.6km az=169.0

ISC 20 06:59:39.2.0.7, 14°02'N-0.1:146°50'E-0.0, h10km, m79, 609567/7, mb4.6/43, 1C, Mariana Islands

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like GUMO, GUMO, GUMO, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like MAJO, MAJO, MAJO, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like WBO, WBO, WBO, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like KLR, KLR, KLR, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like ASAR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like MK31, MK31, MK31, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like MKAR, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like MKAZ, MKAZ, MKAZ, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like K20K, K20K, K20K, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like J20K, J20K, J20K, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like SKT, SKT, SKT, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like IMAR, IMAR, IMAR, etc.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like RWB1, RWB1, RWB1, etc.

PWL Port Wells 65.83 29 P P 07 10 25.1 +0.5

MHY Manley 68.01 24 I Amb I Amb 07 10 28.4 +0.6

BOOM Boomsokye uch 66.36 310 P P 07 10 29.0 +0.3

BOOM Boomsokye 68.01 24 P P 07 10 30.3

I23K Minto, Yukon-K 66.61 24 P P 07 10 36.1 +1.1

H23K Yukon River 66.74 24 P P 07 10 31.1 +0.6

MDM Murphy Dome 67.01 25 P P 07 10 32.9 +0.7

MDM Murphy Dome 67.01 25 P P 07 11 10.6

CCB Clear Creek Bu 67.09 25 P P 07 10 31.8 -0.8

CCB Clear Creek Bu 67.09 25 P P 07 10 59.4

IL31 Il31 67.50 25 I Amb I Amb 07 10 34.8 -0.5

IL31 Il31 67.50 25 I Amb I Amb 07 10 46.7

ILAR Eielson Array 67.50 25 P P 07 10 34.6 -0.7

ILAR Eielson Array 67.50 25 P P 07 10 34.4 -0.9

HMT Hamilton 67.67 30 P P 07 10 35.0 -1.4

J26L Joseph Creek 68.03 23 P P 07 10 44.4 +0.7

BMAR Burnt Mountain 69.09 26 P P 07 10 47.2 +1.9

L27K Beaver Creek 69.31 31 P P 07 10 47.5 +0.8

BCAF Beaver Creek 69.38 31 P P 07 10 47.4 +0.4

KKAR Kargar Array 70.36 31 P P 07 10 54.1 +0.6

DAWY Dawson 70.55 27 P P 07 10 54.1 -0.1

BVAR Borovoye Array 70.57 322 P P 07 10 54.7 +0.1

BVRV Borovoye 70.64 322 P P 07 10 54.9 -0.1

BRVK Borovoye 70.64 322 P I Amb I Amb 07 10 56.6

ABKAR Akbulak array 77.29 318 P P 07 11 33.4 -0.5

ABKAR Akbulak array 77.29 318 I Amb I Amb 07 11 34.5

ARU Arti 77.32 325 P P 07 11 33.9 0.0

GEYT Alibek 80.27 307 P P 07 11 50.7 0.0

PINE Pine Mountain 82.27 47 P P 07 12 02.2 +0.9

BMO Blue Mountains 84.57 45 I Amb I Amb 07 12 14.4

NVAR Mina Array Bea 85.42 52 P P 07 12 18.3 +0.7

NVAR Mina Array Bea 85.42 52 P P 07 12 18.3 +0.7

MFID Camas Ranch 85.96 46 P P 07 12 21.0 +0.9

MFID Camas Ranch 85.96 46 I Amb I Amb 07 12 22.1

HLID Haley 86.91 46 I Amb I Amb 07 12 26.4

ELK Elko 87.10 49 I Amb I Amb 07 12 27.6

WCT Wildcat Woods 87.12 53 I Amb I Amb 07 12 28.5

SPR3 Spring Creek 3 88.26 50 P P 07 12 32.3 +0.7

SPR3 Spring Creek 3 88.26 50 I Amb I Amb 07 12 33.6

ID07 Smith Canyon R 88.85 46 I Amb I Amb 07 12 39.7

DUG Dugway, Tooele 89.03 49 I Amb I Amb 07 12 36.6

HWUT Hardway Ranch 89.50 47 I Amb I Amb 07 12 38.6

KNB Kanab 89.98 52 I Amb I Amb 07 12 42.4

PDAR Pinedale Array 90.54 46 P P 07 12 41.7 -0.4

PDAR Pinedale Array 90.54 46 P P 07 12 41.7 -0.4

FINES FINESS Array R 91.44 336 P P 07 12 44.0 -1.5

LPAZ La Paz 146.52 98 PKPbc PKPbc 07 19 22.6 0.0

LPAZ La Paz 146.52 98 PKPbc PKPbc 07 19 22.6 0.0

NNC 20 07:08:56.6:0.5, 50°06'N:79°06'E, h0km, mb2.7, mpv2.6, 13C-7D, Error ellipse: s-maj=14.8km s-min=2.6km az=59.0, Suspected Mining explosion, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time (h:m:s), Residual (ISC), and station codes like KUR07, KUR07, KUR14, etc.



20d 8h

2017 SEP

1476

1.65,00000°
JMA 20 07:46:58.7z 1.44°N 149°14'E...
SKHL 20 07:46:59.5z 0.44°N 149°40'E...
MOS 20 07:47:00.5z 0.944°N 149°18'E...
IDC 20 07:47:03.0z 0.744°N 149°12'E...
NEIC 20 07:47:03.4z 1.444°N 149°01'E...
ISC 20 07:47:01.0z 0.644°N 149°25'E...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations like Kuril'sk, Kuril'sk, Kuril'sk, etc.

Table with columns: GUMU, BP/W, NEA2, MDM, SML, WRH, HDA, IL3, ILAR, ILAR, IL0, ZALV, KMI, CRQM, K27K, B27K, BCAR, G29M, I29M, EPYK, G30M, I30M, J30M, INK, H31M, MK31, MKAR, MKAR, MKAR, MKAR, MAZK, MAZK, MAZK, KURK, KURK, KURK, FARO, KURBB, KURBB, G32M, CMAR, BVAR, BVAR, AAK, AAK, KK31, KKAR, KKAR, KKAR, ARU, ABKAR, ARCES, ARCES, ARCES, BELG, BELG, WRA, WRA, WRA, FINES, FINES, FINES, BOZ, BOZ, BOZ, BOZ.

Table with columns: GEYT, NVAR, NVAR, PDAR, PDAR, ASAR, NC405, NB20, NB2, NOA, NOA, HFS, HFS, HFS, NORES, LCMIT, KIV, KIV, KIV, KIBZ, KIBZ, KIBZ, ZEI, ZEI, GNI, AKASG, AKASG, AKASG, AKKB, SMCO, BUR08, BURAR, BURAR, CLL, CLL, CLL, CLL, VRAC, EKA, BRTR, BRTR, BRTR, KHC, KHC, KHC, CKRC, CKRC, GERES, GERES, GERES, TXAR, MMAI, MMAI, ESDC, H03N2, H03N3, H03N1, TROLL, VNA2, WRRM, WRRM, WRRM, WRRM.

IDC 20 08:05:06.5z 0.59z 0.2144°N 178°38'W...
Code Station Name Az Phase ID Time Res ISC

NEIC 20 08:15:24.8z 1.019°N 155°31'W...
HVO 20 08:15:24.0z 0.719°N 155°28'W...
Code Station Name Az Phase ID Time Res ISC

Table with columns: OBSL, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Observatorio Le, Halema'uma'u T, Steaming Bluff, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZAAO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ZAAO, ZALV, KURKB, etc.

Table with columns: MKAR, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Green Lake, Waiomatatini S, etc.

WEL 20 08:24:51.61-1.5, 32'S-8°18'0W±1.8, h304km, 22km, M3.9/5, mb4.1/5, ML4.3/8, MLV4.2/5, Mw(MB)3.2/5, Error ellipse: s-maj=0.0km s-min=0.0km az=104.6, confirmed, Kernadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Te Kaha, Pakihiroa, Raukomaui Rang, etc.

ISC 20 08:39:57.8, 37°91'N-22°08'E, h5km, ML3.8/9

TSR 20 08:40:03.9, 38°36'N-22°92'E, h0km, 15km, Md4.0, IDC 20 08:40:03.6, 0.7, 37°89'N-22°64'E, h0km, mb4.0/1.5, mbmp4.0/1.8, ML3.8/3, MS3.0/4, Error ellipse: s-maj=17.4km s-min=14.9km az=26.0

ATH 20 08:40:06.4, 37°89'N-22°64'E, h9km, 1km, ML3.9/23, Error ellipse: s-maj=1.5km s-min=0.6km az=17.0

THE 20 08:40:06.0, 37°88'N-22°64'E, h10km, ML3.8/24, Error ellipse: s-maj=0.4km s-min=0.2km az=15.0

DDA 20 08:40:08.0, 0.0, 37°32'N-22°72'E, h35km, 46km, MW4.0

NEIC 20 08:40:09.7, 2.2, 37°87'N-03°22'E, h0km, h35km, 11km, mb4.4/1.0, Error ellipse: s-maj=9.6km s-min=3.6km az=68.0

ISC 20 08:40:05.9, 0.6, 37°89'N-02°22'E, h1km, 3km, M1.995, ±15/26.1, mb4.0/1.9, 13C-7D, Southern Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Thalero, Gaura, Loutraki, etc.

Table with columns: SERG, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Efpalio, Agios Charalam, etc.

20d 9h

Table of astronomical observations for 20d 9h, listing stations like CHAN, IMMV, SANT, SAGR, KEK, FNA, etc., with columns for station name, coordinates, and observation details.

2017 SEP

Main table of astronomical observations for 2017 SEP, listing stations like MKAR, ZAAO, ZALV, SCHO, etc., with columns for station name, coordinates, and observation details.

1478

Table of astronomical observations for 1478, listing stations like JHCJ, HJJC, HJHJ, etc., with columns for station name, coordinates, and observation details.



1479

Table with columns: KLR, Kul'dur, 19.91 342ceP, P, 09 06 21.3 -1.7, etc. Includes rows for KLR, TYV, GRNR, HEH, BJT, WHN, HIA, ZEA, PETK, H1N2, H1N1, H1N3, HHC, BTO, ENH, XAN, DAV, MA2, ULN, SONM, YAK, SHEM, JAY, BOD, SEY, FAKI, PZH, KRVT, TNCH, CRAI, GOMU, CHTO, CMAR, KAPI, etc.

2017 SEP

Table with columns: KSM, Kuching, 41.01 231, P, Iamb, P, 09 09 34.1 +0.2, etc. Includes rows for TIXI, WMQ, BATI, DGZ, ZALV, ANM, MK31, MKAR, MAKZ, N14K, O15K, N15K, NRIK, NRIK, NRIK, M16K, N16K, O16K, KURK, KURK, KURK, KURB, KURB, O17K, E18K, N17K, M17K, F18K, C18K, H18K, WB0, G18K, WRAB, WRAB, WR0, CTA0, CTA0, CTA0, WB2, WB2, WRA, WRA, WRA, C19K, P18K, O18K, Q18K, H19K, J19K, E19K, Q19K, F20K, D20K, H20K, E20K, K20K, K20K, K20K, I20K, etc.

20d 9h

Table with columns: P19K, Oil Pt, 52.01 36, P, P, 09 11 00.5 +1.8, etc. Includes rows for J20K, M20K, KDAK, KDAK, N20K, G21K, H21K, E21K, B21K, CAST, CAST, SKT, I21K, F22K, SUA, SUA, D22K, BPAW, H22K, AAK, AAK, AAK, G22K, E22K, MLY, MLY, RC01, G23K, D23K, PMR, H23K, I23K, C23K, NEA2, NEA2, MCK, E23K, AS31, ASAR, ASAR, ASAR, WAT1, TOLK, KNK, KNK, KNK, PWL, SML, SML, SML, MDM, MDM, WRH, WRH, D24K, E24K, M23K, WAT6, BVAR, BVAR, BVAR, TCOL, COLA, COLA, COLA, H24K, BRVK, BRVK, C24K, F24K, DHY, DHY, SCM, SCM, SCM, HDA, HDA, IL31, ILAR, ILAR, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Pinedale Array, Puntalena Array, Homborsund, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Hatom, Samana, DR, Guanica, Bosqu, Santo Domingo, Nagua, Toro Cenizo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GUMO, Pats, Faki, Wake Island Hy, etc.

ISC 20 09:17:06.2 0.6, 1.3:54N:144:82E, h134km, 6km, mb3.2/7, mb1p3.67, Error ellipse: s-maj=38.3km s-min=18.9km az=89.0

ISC 20 09:17:06.9 0.9, 1.3:6N:0:1x144:7E:0.1, h135km, 7km, n19, a1217, mb3.7/10, Mariana Islands

20d 9h

Table with columns: Station ID, Name, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like R18K, P16K, O14K, etc.

2017 SEP

Table with columns: Station ID, Name, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like J16K, SKT, M22K, etc.

1482

Table with columns: Station ID, Name, Elevation, Azimuth, Phase, ID, Time, Res. Includes stations like CTAO, EIDS, MTSU, etc.

Code	Station Name	Δ°	AZ°	Phase	ISC	h	m	s	ISC	Time	Res
BMRM	comp=Z,5.1nm,0.8s										
BERG	Berg Lake	17.00	50	P	Pn					10 03 46.8	-2.3
N25K	Chitina, Valde	17.01	45	P	Iamb					10 03 48.5	-0.8
N25K	comp=Z,3.2nm,0.8s									10 04 06.2	
I23K	Minto, Yukon-K	17.05	31	P	P					10 03 50.4	-0.7
CCB	Clear Creek Bu	17.25	34	P	P					10 03 52.7	-0.8
GLB	Giliflaha Butte	17.30	46	P	Pn					10 03 52.2	-0.6
MDM	Murphy Dome	17.30	33	P	P					10 03 53.0	-1.1
VRDI	Verde Repeater	17.39	47	P	Pn					10 03 53.6	-0.5
VRDI	comp=Z,4.7nm,0.8s									10 04 10.8	
ILAR	Eielson Array	17.65	34	P	P					10 03 57.1	-0.7
ILAR	comp=Z,0.1nm,0.3s,baz=232,slow=10,SNR=5.2										
J25K	Salcha River,	18.10	36	P	Pn					10 04 01.4	-1.3
J25K	comp=Z,4.0nm,1.0s									10 04 14.2	
SCRK	Sand Creek	18.30	39	P	Pn					10 04 03.1	-2.0
J26L	Joseph Creek	18.71	38	P	Pn					10 04 08.9	-0.7
J26L	comp=Z,2.3nm,0.7s									10 04 16.0	
PETK	Petrovavlovsk	19.31	286	P	P					10 04 16.9	+0.7
PETK	comp=Z,2.4nm,0.7s										
YKA	Yellowknife Ar	31.00	48	LR	LR					10 18 41.3	
H11S1	WAKE ISLAND Hy 37.93 217			T	T					10 48 25.6	
H11S2	WAKE ISLAND Hy 37.94 217			T	T					10 48 23.9	
H11S3	WAKE ISLAND Hy 37.95 217			T	T					10 48 14.8	
PDAR	Pinedale Array	41.14	78	P	P					10 07 36.0	+0.7
PDAR	comp=Z,0.3nm,0.6s,baz=85,slow=5.4,SNR=3.8										
SOMM	Songino Array	50.91	300	P	P					10 08 53.0	+1.0
SOMM	comp=Z,0.3nm,0.4s										
TXAR	Lajitas Array	53.44	88	P	P					10 09 11.3	+0.4
TXAR	comp=Z,0.8nm,0.8s,baz=299,slow=5.8,SNR=8.9										
MKAR	Makanchi Array	63.57	313	P	P					10 10 21.4	+0.2
MKAR	comp=Z,0.5nm,0.6s,baz=55,slow=6.4,SNR=4.5										
BVAR	Borovoye Array	65.61	324	P	P					10 10 22.3	+0.9
BVAR	comp=Z,1.1nm,0.4s,baz=46,slow=8.3,SNR=5.0										
FINES	FINESSE Array B	66.15	351	P	P					10 10 37.7	0.0
FINES	comp=Z,1.6nm,0.8s,baz=353,slow=8.4,SNR=2.4										
HFS	Hagfors	68.18	358	P	P					10 10 50.9	+0.3
HFS	comp=Z,0.6nm,0.4s,baz=350,slow=3.2,SNR=5.6										
CMAR	Chiang Mai Arr	76.04	282	P	P					10 11 39.3	+1.0
CMAR	comp=Z,0.6nm,0.4s										
ESDC	Sonaseca Array	87.96	10	P	P					10 12 40.6	0.0
ESDC	comp=Z,0.5nm,0.8s,baz=353,slow=3.0,SNR=2.0										
ASAR	Alice Springs	89.63	229	P	P					10 12 48.4	-0.1
ASAR	comp=Z,1.6nm,0.9s,baz=36,slow=4.1,SNR=2.0										
ASAR	comp=Z,0.3nm,0.9s										
<p><b>IDC 20 10:14:24.9,36.0,1.92S,105.46E,h0km,mb3.7/3, mbmtop3.7/3, Error ellipse: s-maj=625.1km s-min=204.0km az=137.0, Southern Sumatera</b></p>											
Code	Station Name	Δ°	AZ°	Phase <td>ISC <td>h</td> <td>m</td> <td>s <td>ISC <td>Time</td> <td>Res</td> </td></td></td>	ISC <td>h</td> <td>m</td> <td>s <td>ISC <td>Time</td> <td>Res</td> </td></td>	h	m	s <td>ISC <td>Time</td> <td>Res</td> </td>	ISC <td>Time</td> <td>Res</td>	Time	Res
WRA	Warramunga Arr	33.42	124	P	Pn					10 21 06.2	+0.5
WRA	comp=Z,0.1nm,0.3s,baz=300,slow=10,SNR=9.8										
ASAR	Alice Springs	35.01	130	P	P					10 21 18.6	-0.8
ASAR	comp=Z,1.6nm,0.8s,baz=302,slow=8.0,SNR=4.3										
STKA	Strehens Creek	45.23	135	P	P					10 22 44.4	+0.3
STKA	comp=Z,0.8nm,0.3s,baz=309,slow=14,SNR=3.0										
STKA	comp=Z,0.8nm,0.3s										
<p><b>DJA 20 10:17:29.8,1.5,7.3S,3.10E, h20km,14km, M4.4/10, mb5.3/1, MLV4.0/10, Sunda Strait</b></p>											
Code	Station Name	Δ°	AZ°	Phase <td>ISC <td>h</td> <td>m</td> <td>s <td>ISC <td>Time</td> <td>Res</td> </td></td></td>	ISC <td>h</td> <td>m</td> <td>s <td>ISC <td>Time</td> <td>Res</td> </td></td>	h	m	s <td>ISC <td>Time</td> <td>Res</td> </td>	ISC <td>Time</td> <td>Res</td>	Time	Res
CGJI	Cibinong	0.92	92	P	Pn					10 27 59.3	+0.3
CGJI	comp=Z,0.2s										
KASI	Kota Agung	1.90	346	P	Sb					10 27 50.4	+0.3
KASI	comp=Z,0.2s										
LWLI	Liwa	1.71	336	P	Pn					10 27 59.3	+0.6
LWLI	comp=Z,0.2s										
KNJ	Kotabumi	1.72	3	P	Pn					10 27 58.2	-0.4
KNJ	Cibinong	2.45	107	P	Pn					10 28 09.2	+0.6
MNAI	Manna	2.86	321	P	Pn					10 28 14.9	+0.6
CMJI	Cimerak	3.84	108	P	Pn					10 28 28.5	+0.7
PPSI	Pulai Pagai	6.08	308	P	Pn					10 28 58.7	+0.1
PPSI	comp=Z,0.2s										
<p><b>LDG 20 10:21:51.0, 4.3, 16N, 0.50W, h2km, Md2.52, Ml2.6/12, Error ellipse: s-maj=2.2km s-min=1.4km az=145.0</b></p> <p><b>MDD 20 10:31:23.0, 0.2, 4.3, 05N, 0.52W, h0km, mb_Lg2.2/8, Error ellipse: s-maj=2.5km s-min=1.6km az=19.0</b></p> <p><b>STR 20 10:31:22.0, 0.5, 4.3, 14N, 0.5, h2km, MLV2.1/9, Error ellipse: s-maj=0.0km s-min=0.0km az=9.7, preliminary</b></p> <p><b>ISC 20 10:31:22.3, 0.9, 43.039N, 0.02, 0.52W, 0.02, h7km, mb3km, n37, c=232/62, Pyrenees</b></p>											
Code	Station Name	Δ°	AZ°	Phase <td>ISC <td>h</td> <td>m</td> <td>s <td>ISC <td>Time</td> <td>Res</td> </td></td></td>	ISC <td>h</td> <td>m</td> <td>s <td>ISC <td>Time</td> <td>Res</td> </td></td>	h	m	s <td>ISC <td>Time</td> <td>Res</td> </td>	ISC <td>Time</td> <td>Res</td>	Time	Res
ATE	Arette	0.13	269	P	Pg					10 31 25.1	0.0
ATE	comp=Z,0.2s										
ETSF	Etsaut	0.19	189	eP	Sg					10 31 27.9	+0.8
ETSF	comp=Z,0.2s										
CANF	Canfranc	0.33	180	Pg	Pg					10 31 28.2	-0.4
CANF	comp=Z,0.2s										
PYLO	Lourdes	0.34	88	Pg	Pg					10 31 28.1	-0.9
PYLO	comp=Z,0.2s										
VIEF	View	0.45	117	Pg	Pg					10 31 33.5	-0.1
VIEF	comp=Z,0.2s										
SJPF	Ste Jean	0.52	273	eP	Sg					10 31 29.8	-1.2
SJPF	comp=Z,0.2s										
EORO	Oroz-Betelu	0.61	252	Pg	Pg					10 31 34.3	+0.2
EORO	comp=Z,0.2s										
EPF	Esparrros	0.63	95	eP	Pg					10 31 41.1	-1.0
EPF	comp=Z,0.2s										
ECHI	Chisagues Biel	0.67	129	Pg	Pg					10 31 33.3	-1.1
ECHI	comp=Z,0.2s										
EALK	Chisagues Biel	0.67	129	Pg	Pg					10 31 34.2	-1.0
EALK	comp=Z,0.2s										
EALK	Chisagues Biel	0.74	281	Pg	Pg					10 31 36.8	+0.3
EALK	comp=Z,0.2s										
EALK	Chisagues Biel	0.74	281	Pg	Pg					10 31 45.1	-0.9
EALK	comp=Z,0.2s										
EALK	Alkurruntz	0.74	281	Pg	Pg					10 31 50.2	-0.2
EALK	comp=Z,0.2s										
MLS	Moulis	1.19	96	Pg	Pg					10 31 36.3	+0.5
MLS	comp=Z,0.2s										
SALF	Salau	1.30	104	Pg	Pg					10 32 00.3	-0.4
SALF	comp=Z,0.2s										
ESAC	San Caprasio	1.37	178	Pg	Pb					10 31 45.9	-0.9
ESAC	comp=Z,0.2s										
MONQ	Montcuq	1.78	44	Pn	Pn					10 32 05.3	-0.9
MONQ	comp=Z,0.2s										
EMIR	Miracle	1.91	127	Sg	Sb					10 32 18.0	+1.6
EMIR	comp=Z,0.2s										
EMIR	Miracle	1.91	127	Sg	Sb					10 32 20.2	+0.5
EMIR	comp=Z,0.2s										
EMIR	Miracle	1.91	127	Sg	Sb					10 32 22.5	+0.9
EMIR	comp=Z,0.2s										
CARF	Carcaniers	1.96	100	Pg	Pb					10 32 24.0	+1.9
CARF	comp=Z,0.2s										
MTFL	Montlieux	2.02	82	Pg	Pg					10 31 59.2	+0.8
MTFL	comp=Z,0.2s										
MTFL	Montlieux	2.02	82	Pg	Pg					10 31 58.9	+1.6
MTFL	comp=Z,0.2s										
MTFL	Montlieux	2.02	82	Pn	Pn					10 32 24.0	+1.9
MTFL	comp=Z,0.2s										
MTFL	Montlieux	2.02	82	Pn	Pn					10 31 59.0	+2.3
MTFL	comp=Z,0.2s										
LFLL	La Frestale	2.06	26	eP	Pn					10 32 24.0	+1.9
LFLL	comp=Z,0.2s										
LFLL	La Frestale	2.06	26	eP	Pn					10 31 58.6	+1.3
LFLL	comp=Z,0.2s										
LFLL	La Frestale	2.06	26	eP	Pn					10 32 24.1	+0.9
LFLL	comp=Z,0.2s										
EPOB	Poblet	2.10	145	Pn	Pn					10 31 57.8	

20d 10h

2017 SEP

1484

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like NORC, BBAC, FPAL, ANIL, POPC, DEOK, OTAV, AMTX, OK033, ORTC, U38A, OK048, ROSC, ELIS, PRAC, WWT, WWT, 121A, 121A, 319A, PBMO, PAMC, BLOK, T35A, OK032, RUSC, CHIC, TKL, TKL, CGM3, KAN06, Y22D, Y22F, U49A, S39A, T47A, KMSC, ANMO, ANMO, ANMO, CCM, CCM, TZTN, TUC, TUC, TUC, SDV, SDV, SDV, SDV, BOS, WCI, T25A, KSU1, CBKS, 214A, X18A, SDCO, SDLO, P46A, KSCO, KSCO, 113A, S22A, MVCO, MVCO, N35A, WUAZ, WUAZ, Q24A, PDMCI, ATAH, ISCO, OGNF, SWSC, IKP.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like L40A, BC3, IRM, MONP2, O53A, TPFO, PFO, PFO, PFO, N23A, JFWS, GMRC, V12A, O20A, MURC, PCRV, ECSD, RWMY, K22A, TPNV, FURC, MPMC, SPR3, DUG, ARVC, R11B, ISA, RSSD, RSSD, CWC, YES, BW06, PDAR, PDAR, NNA, ELK, ELK, MDPB, NVAR, NVAR, LHV, SADO, FWXY, BLMT, BLMT, RLMT, YERR, MDND, YHL, LAO, HLID, HLID, LONY, BOZ, BOZ, DGMT, WVOR, ULM, ULM, J08A, PLID, EGOT, YBH, YBH, ETMB, NEW, NEW, SAML, SAML, C09A, LPAZ, LPAZ, EDM, MDP, SIV, SIV, LVC, RPN.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like SCHQ, BBB, YKA, YKA, FLDN, KOTAN, U33K, DLBC, DLBC, FRB, WTLY, TAOE, TAOE, TAOE, TAOE, WRGLY, TGMN, T32T, P33M, S31K, N32M, CPUP, BDFB, BDFB, MMPY, WHY, P29M, O30N, M31M, N31M, HYT, O29M, N30M, YUK6, PINM, YUK4, M30M, M30M, MAYO, YUK8, M29M, L29M, CTG, YUK3, K29M, J30M, J30M, MCAR, M27K, DAWY, G31M, F31M, L27K, L27K, L27K, I29M, BMRM, M26K, EPYK, N25K, N25K, SFYK, INK, INK, L26K, L26K, H29M, K27K, K27K, I28M, F30M, KLU, KLU, G29M.

HARP	HAARP	59.46 335	P	P	10 49 24.2 +1.6
PLCA	Paso Flores	59.48 160	P	Iamb	10 49 24.3 +1.3
PLCA	Paso Flores	59.48 160	P	Iamb	10 49 22.9 -0.1
GLI	Glacier Island	59.59 333	P	P	10 49 25.1 +1.5
RES	Resolute Bay	59.63 360	LR	LR	11 18 27.4
M24K	Tolsona, Glenn	59.75 334	P	P	10 49 26.2 +1.6
SCRK	Sand Creek	59.78 337	P	P	10 49 25.9 +1.0
I27K	Kandik River	59.79 339	P	P	10 49 25.3 +0.4
PAX	Paxson	59.87 335	P	P	10 49 26.2 +0.7
J26L	Joseph Creek	59.89 337	Iamb	Iamb	10 49 28.5
J26L	Joseph Creek	59.89 337	P	P	10 49 26.3 +0.7
SCM	Sheep Creek Mo	60.11 334	P	P	10 49 28.6 +1.4
H27K	Steamboat Moun	60.11 340	P	P	10 49 27.5 +0.4
PWL	Port Wells	60.13 333	P	P	10 49 28.0 +0.7
I26K	Coal Creek Min	60.17 338	P	P	10 49 28.1 +0.7
M23K	Glacier View	60.26 334	P	P	10 49 29.0 +0.8
E29M	Blow River	60.27 343	P	P	10 49 28.6 +0.6
F28M	Old Crow	60.39 341	P	P	10 49 29.3 +0.4
K24K	Donnelly Dome	60.49 336	P	P	10 49 29.8 +0.9
KNK	Knik Glacier	60.42 333	P	P	10 49 30.6 +1.4
G27K	Doyon Strip	60.48 340	P	P	10 49 30.0 +0.4
WAT6	Susitna Watana	60.61 334	P	P	10 49 31.1 +0.4
J25K	Salcha River	60.62 337	Iamb	Iamb	10 49 31.8 +1.2
J25K	Salcha River	60.62 337	P	P	10 49 31.8 +1.2
PMR	Palmer	60.79 333	P	P	10 49 33.1 +1.5
BRSE	Bradley Lake S	60.80 331	P	P	10 49 33.4 +1.6
RCBR	Ribichuelo	60.80 106	LR	LR	11 17 31.1
RC01	Rabbit Creek A	60.85 332	P	P	10 49 33.5 +1.4
E28M	Babbage River	60.88 342	P	P	10 49 33.1 +0.9
KDAD	Kodiak Island	61.02 328	LR	LR	11 15 25.3
WAT1	Susitna Watana	61.06 335	P	P	10 49 34.7 +1.1
D28M	Stokes Point	61.10 343	P	P	10 49 35.5 +1.8
HDA	Harding Lake	61.13 337	P	Iamb	10 49 34.5 +0.6
HDA	Harding Lake	61.13 337	P	Iamb	10 50 00.0
HDA	Harding Lake	61.13 337	P	P	10 49 34.6 +0.7
PRP	Porcupine Dome	61.13 338	P	P	10 49 35.1 +1.0
E27K	Coleen River	61.25 342	P	P	10 49 35.6 +0.9
G26K	Porcupine Rive	61.26 340	P	P	10 49 36.3 +1.5
IL31	comp=Z,1.1nm,1.3s	61.27 337	Iamb	Iamb	10 49 54.9
ILAR	Eielson Array	61.27 337	P	P	10 49 34.6 -0.3
ILAR	comp=Z,4.2nm,1.1s	61.27 337	LR	LR	11 17 28.4
M22K	Willow	61.28 333	P	P	10 49 35.7 +0.7
SUA	Susitna One	61.45 333	Iamb	Iamb	10 49 39.5
SUA	Susitna One	61.45 333	P	P	10 49 37.0 +0.7
MCK	McKinley	61.60 335	P	P	10 49 38.2 +1.0
H25L	Birch Creek	61.61 339	P	P	10 49 38.4 +1.3
POKR	Poker Plat Res	61.64 337	P	P	10 49 37.7 +0.3
D27M	Malcolm River	61.68 343	P	P	10 49 37.7 0.0
COLA	College	61.69 337	P	P	10 49 38.2 +0.6
COLA	College	61.69 337	P	P	10 49 37.9 +0.2
MDM	Murphy Dome	61.87 337	P	Iamb	10 49 39.3 +0.4
G25K	Bearman Lake	61.95 339	P	P	10 49 40.0 +0.6
SKT	Skwentna	61.99 333	P	P	10 49 40.3 +0.5
N20K	Nenana Spurr	62.01 332	P	P	10 49 40.4 +0.4
NEA2	Nenana	62.03 336	P	P	10 49 40.0 0.0
H24K	Noodor Dome	62.14 338	Iamb	Iamb	10 50 17.0
H24K	Noodor Dome	62.14 338	P	P	10 49 41.1 +0.3
F25K	Christian River	62.22 340	P	P	10 49 41.9 +0.6
I23K	Minto, Yukon-K	62.38 337	P	P	10 49 43.1 +0.8
G24K	Hadweencic Riv	62.40 339	P	P	10 49 43.7 +1.2
Q18K	Katmai Hardscr	62.51 329	P	P	10 49 44.3 +0.9
BPAW	Bear Paw Mtn.	62.58 335	P	Iamb	10 49 44.2 +0.5
BPAW	Bear Paw Mtn.	62.58 335	P	P	10 49 44.3 +0.5
PPLA	Purkeypile	62.62 334	P	P	10 49 44.7 +0.5
M20K	Styx River	62.66 333	Iamb	Iamb	10 49 45.7
M20K	Styx River	62.66 333	P	P	10 49 44.8 +0.4
C27K	Jago River	62.70 342	P	P	10 49 45.6 +1.2
H23K	Yukon River	62.75 337	P	P	10 49 45.5 +0.7
CAST	Castle Rocks	62.77 334	Iamb	Iamb	10 49 47.2
CAST	Castle Rocks	62.77 334	P	P	10 49 45.0 0.0
Q17K	Contact Creek	62.84 328	P	P	10 49 46.4 +0.8
MLY	Manley	62.86 336	Iamb	Iamb	10 49 51.6
MLY	Manley	62.86 336	P	P	10 49 46.1 +0.5
N19K	Bonanza Creek	62.92 331	P	P	10 49 46.6 +0.5
O18K	Koktuh Hills	62.96 330	P	P	10 49 46.6 +0.3
CHUM	Lake Minchumin	63.04 335	P	P	10 49 47.9 +1.2
C26K	Camden Bay	63.21 342	P	P	10 49 48.8 +1.0
M19K	Big River Lodg	63.23 332	Iamb	Iamb	10 50 18.5
M19K	Big River Lodg	63.23 332	P	P	10 49 49.3 +1.3
G23K	Bananza Creek	63.31 338	P	P	10 49 49.5 +1.0
D25K	Kavik River	63.33 342	P	P	10 49 49.4 +0.7

Q16K	King Salmon	63.34 329	P	P	10 49 49.1 +0.4
P17K	Kvichak River	63.38 329	P	P	10 49 50.3 +1.3
E24K	Your Creek	63.40 340	P	P	10 49 50.2 +1.0
I21K	Tanana	63.41 336	P	P	10 49 50.0 +0.8
H22K	Ishaltina Cre	63.46 337	P	P	10 49 50.2 +0.7
L19K	White Mountain	63.52 333	P	P	10 49 50.4 +0.3
N18K	Kilae Creek	63.53 331	P	P	10 49 50.6 +0.5
K20K	Telida	63.58 334	P	P	10 49 50.7 +0.4
K20K	Telida	63.58 334	P	P	10 49 50.5 +0.1
COLD	Coldfoot	63.60 339	P	P	10 49 51.5 +1.1
CHGN	Chignik	63.68 326	P	P	10 49 51.9 +0.8
E23K	Chandalar	63.77 340	P	P	10 49 51.8 +1.2
J20K	Nowinta River	63.90 335	Iamb	Iamb	10 50 32.2
J20K	Nowinta River	63.90 335	P	P	10 49 52.6 +0.3
H21K	Melittina Rive	63.91 337	P	P	10 49 53.0 +0.6
G22K	Bettles	63.93 338	P	P	10 49 53.5 +0.9
D24K	Happy Valley	64.01 341	P	P	10 49 53.5 +0.4
TOLK	Toolik Lake Re	64.02 340	P	P	10 49 53.8 +0.6
PPT	Papeete	64.03 242	LR	LR	11 10 06.5
CHNA	Chernabura Isl	64.03 324	P	P	10 49 55.3 +1.9
PPT2	Papeete2	64.03 242	eLR	eLR	11 08 55.7
PPT2	comp=Z,7.04nm,28.5s	64.03 242	eLR	eLR	11 09 04.3
N17K	Nushagak Hills	64.10 330	P	P	10 49 54.6 +0.7
P16K	Nushagak River	64.11 329	P	P	10 49 54.9 +1.1
C24K	Franklin Bluff	64.24 341	P	P	10 49 55.8 +1.3
I20K	Naagidneel	64.25 335	P	P	10 49 55.0 +0.4
O16K	Kokwok River B	64.30 329	P	P	10 49 55.7 +0.7
L18K	Granite Mounta	64.36 332	P	P	10 49 56.3 +0.8
F22K	John River	64.41 339	P	P	10 49 56.4 +0.6
J19K	Porman	64.44 334	P	P	10 49 56.8 +0.8
M17K	Hoitina River	64.46 331	P	P	10 49 56.8 +0.6
G21K	Allakaket	64.50 337	P	P	10 49 56.5 +0.2
D23K	Nanushuk River	64.52 340	P	P	10 49 56.6 +0.2
E22K	Anaktuvuk Pass	64.54 339	P	P	10 49 56.8 +0.1
F21K	Alatiner River	64.76 338	P	P	10 49 58.3 +0.3
N16K	Nishlik Lake	64.85 330	P	P	10 49 58.8 +0.1
C23K	Iktilik River	64.89 341	P	P	10 49 59.3 +0.6
L17K	Donlin	65.06 332	P	P	10 50 00.5 +0.5
O15K	Ungalikthiuk R	65.06 329	P	P	10 50 00.9 +0.9
M16K	Timber Creek	65.07 331	P	P	10 50 01.1 +0.9
EUNU	Eureka	65.11 1	P	Iamb	10 50 00.2 0.0
EUNU	comp=Z,9.2nm,0.8s	65.11 1	P	Iamb	10 50 02.0
H19K	Roundabout Mou	65.28 336	P	P	10 50 02.8 +1.4
E21K	Killik River	65.40 339	P	P	10 50 03.5 +1.3
N15K	Kwethluk River	65.41 330	P	P	10 50 03.6 +1.3
L16K	Owhat River	65.48 331	P	P	10 50 05.4 +2.7
F20K	Avarak Lake	65.51 338	P	P	10 50 03.5 +0.7
S12K	Black Hills	65.58 325	P	P	10 50 04.4 +0.9
C21K	Knifblade Rid	65.95 340	P	P	10 50 07.1 +1.4
B21K	Ikpikpuk River	66.07 340	P	P	10 50 07.5 +1.1
F19K	Shaleruckik Mo	66.20 337	P	P	10 50 08.4 +1.1
G18K	Tagagawik	66.26 336	P	P	10 50 09.2 +1.4
J16K	Anvik River	66.38 333	P	P	10 50 09.2 +0.7
D20K	Etluk River	66.40 339	P	P	10 50 09.2 +0.6
L15K	Ungalak Mounta	66.41 331	P	P	10 50 10.1 +1.4
M14K	Bethel	66.44 330	P	P	10 50 10.7 +1.8
K15K	Wolf Creek Mou	66.56 332	P	P	10 50 11.2 +1.5
TBI	Tubuai	66.65 236	eLR	LR	11 10 12.4
TBI	comp=Z,6.0nm,26.0s	66.65 236	eLR	LR	11 10 21.4
TBI	comp=Z,3.0nm,30.2s	66.65 236	eT	T	12 02 26.4
B20K	Meade River	66.65 340	P	P	10 50 13.3 +0.8
E18K	Tukpahleark C	67.43 337	P	P	10 50 16.9 +1.8
J14K	Nanvaranak Lak	67.58 332	P	P	10 50 17.7 +1.6
E17K	Hotham Inlet	67.81 337	P	P	10 50 19.3 +1.8
C18K	Utukuk River	67.98 339	P	P	10 50 21.2 +2.6
G15K	Niukluk	68.22 334	P	P	10 50 22.5 +2.4
BORG	Bor-garnes	68.93 26	LR	LR	11 19 55.1
C16K	Lisburne Hills	69.38 338	P	P	10 50 29.9 +2.7
JMIC	Jan Mayen	74.27 20	LR	LR	11 23 44.6
RAR	Rarotonga	74.27 242	LR	LR	11 14 49.9
SPITS	Spitsbergen Ar	79.36 11	LR	LR	11 27 43.4
SHEM	Shemys Is, Ala	79.56 322	LR	LR	11 27 00.2
ESDC	Sonsec Array	80.26 52	LR	LR	11 21 27.1
MDT	Middle Island	81.15 58	LR	LR	11 23 29.3
AFI	Afiama Lu	82.52 253	LR	LR	11 18 40.7
PMSA	Palme Station	82.70 168	LR	LR	11 20 56.9
NOA	NORSAR Array B	83.95 28	P	P	10 51 48.8 -0.9
NOA	comp=Z,1.44nm,21.1s	83.95 28	P	P	11 28 24.5
HFS	Hagfors	85.42 29	LR	LR	11 28 57.6
ARCES	ARCES Station B	85.61 18	P	P	10 51 57.1 -0.7
ARCES	comp=Z,2.8nm,0.6s	85.61 18	P	P	10 31 19.4
KOWA	Kowa	85.91 76	LR	LR	11 26 11.5
SEY	Seymchan	87.16 335	LR	LR	11 37 54.5
DAVOJ	Davis Dischmat	88.11 42	LR	LR	11 27 27.0

CLL	Collm	88.40 37	eP	P	10 52 13.0 +1.3
CLL	CLL		eS	P	11 02 54.0 +1.2
CLL	CLL		ePS	PnS	11 04 00.0 -1.8
CLL	CLL		ePPS	PPS	11 04 30.0
CLL	CLL		e(SSSS)		11 15 30.0
CLL	comp=Z,200nm,20.4s		AMS	AMS	11 31 00.0
CLL	comp=N,100nm,20.1s		AMS	AMS	13 24 00.0
CLL	comp=E,100nm,21.9s		AMS	AMS	13 24 00.0
CLL	comp=Z,100nm,19.3s		AMS	AMS	13 35 00.0
TIXI	Tiksi	88.91 348	LR	LR	11 37 02.5
PETK	Petrovalovsk-	88.91 325	LR	LR	11 29 47.5
GERES	GERESS Array B	89.76 39	LR	LR	11 29 39.9
FINES	FINESS Array B	90.19 25	P	P	10 52 16.6 -3.2
FINES	comp=Z,166nm,21.8s	90.19 25	P	P	11 32 11.7
VRAC	Vranov	91.31 38	LR	LR	11 33 37.4
KEST	Kesra	91.48 52	LR	LR	11 28 44.2
TORD	Tordi Ar, Bea	91.62 76	P	P	10 52 24.1 -3.3
TORD	comp=Z,0.27nm,0.5s	91.62 76	P	P	11 30 19.1
RAO	Raoul Island	92.42 241	LR	LR	11 24 03.1
MSVF	Nonsavu	92.98 253	LR	LR	11 24 04.0
VAE	Valguarnera	94.65 49	LR	LR	11 30 00.7
NRIK	Noril'sk	95.83 360	LR	LR	11 41 05.0
YAK	Yakutsk	95.97 341	LR	LR	11 44 17.0
AKASA	Malin Array Be	97.68 33	LR	LR	11 36 53.0
OBN	Obninsk	98.43 26	LR	LR	11 35 59.8
MLR	Muntele Rosu	98.71 38	LR	LR	11 35 28.0
DZM	Mot Dzumac	104.58 251	eLR	LR	11 27 51.1
MKAR	Makanchi Array	118.33 3			











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

14:36:28.1-3.3, 22.14N-143.34E, h238km, 30km, mb2.9/4, mbtmp3.6/5, Error ellipse: s-maj=89.3km s-min=21.5km az=70.0, Volcano Islands region

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

14:36:56.1-0.8, 0.03N-24.84W, h0km, mb3.8/8, mbtmp3.8/8, MS3.5/12, Error ellipse: s-maj=33.4km s-min=23.1km az=130.0

14:36:58.9-0.8, 0.00N-0.2, 24.8W-0.2, h18km, n23, c=088/10, mb3.8/8, MS3.6/11, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCBR, H10N3, H10N2, etc.

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

MOS 14:29:52.9, 1.0, 23.30N, 121.73E, h14km, mb5.8/59, MS5.1/36, Error ellipse: s-maj=5.8km s-min=3.5km az=112.1

BUI 14:29:54.5, 0.0, 23.42N, 121.86E, h15km, mb5.2/85, mb5.3/69, ML5.5/10, MS5.5/97, Ms7.5/4.94

JMA 20:14:29:56.4, 0.1, 23.3N, 0.6: 12.2E, h39km, 3km, MD5.5/18, MW5.5/18, TAIWAN REGION

GCMT 20:14:29:56.6, 0.1, 23.31N, 0.0: 11.217E, 0.0: 1, h28km, MW5.4/14, Moment Tensor Solution, s140.c241, s131.c251, Duration: 192, Moment tensor: Scale 10^17 Nm, M1: -0.06: 0.03, M2: -0.07: 0.02, M3: -1.48: 0.20, M4: -0.06: 0.03, M5: -0.55: 0.01, M6: 0.24: 0.03, Best double couple: M1: 6.2900: 10.17, NP1: 14.0000: 0.49, 0.0000, 1.83, 0.0000, NP2: 20.4, 0.0000, 8.42, 0.0000, 1.98, 0.0000, Principal axes: T: 1.5770, Plg83.0000, Azm233.0000; N: 0.1060, Plg5.0000, Azm18.0000; P: -1.6810, Plg4.0000, Azm109.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 20:14:29:56.6, 2.4, 23.33N, 121.78E, h39km, MW5.2, Moment Tensor Solution, s3 Moment Tensor: Scale 10^19Nm, M1: 6.23, M2: 3.0, M3: 0.89, M4: 9.72, M5: 0.93, M6: 1.41, M7: 2.01, Principal axes: T: 1.3266, Plg82.0000; N: 1.1727, Plg7.0000, Azm21.0000; P: -9.8023, Plg8.0000, Azm112.0000; NIED 20:14:29:56.4, 23.32N, 121.77E, h39km, MW5.2, Moment Tensor Solution, s3 Moment Tensor: Scale 10^19Nm, M1: 6.23, M2: 3.0, M3: 0.89, M4: 9.72, M5: 0.93, M6: 1.41, M7: 2.01, Principal axes: T: 1.3266, Plg82.0000; N: 1.1727, Plg7.0000, Azm21.0000; P: -9.8023, Plg8.0000, Azm112.0000; TAP 14:29:57.0, 23.32N, 121.78E, h29km, ML5.8, C NEIC 20:14:29:57.1, 23.29N, 121.76E, h24km NEIC 20:14:29:57.1, 23.39N, 121.87E, h24km, Moment Tensor Solution, Duration: 285, Moment tensor: Scale 10^17Nm, M1: 1.29, M2: -0.10, M3: -1.19, M4: -0.01, M5: -0.49, M6: 0.29, Principal axes: T: 1.370000, 10.17, NP1: 1.75, 79.0000, 85.880000, 1.83, 280000, NP2: 20.6, 360000, 8.39, 600000, 1.98, 180000, Principal axes: T: 1.3266, Plg82.0000, Azm248.0000; N: 0.0843, Plg5.0000, Azm20.0000; P: -1.4109, Plg6.0000, Azm111.0000; NEIC 20:14:29:57.2, 23.31N, 121.76E, h22km IDC 20:14:29:59.4, 1.9, 23.55N, 121.84E, h51km, 16km, mb4.9/38, mbtmp5.2/44, ML4.3/5, MS4.7/5, Error ellipse: s-maj=11.4km s-min=8.2km az=56.0 BGR 20:14:30:00.0, 23.54N, 121.49E, h33km, mb5.6, Ms5.1 ISC 20:14:29:56.7, 0.3, 23.31N, 0.0: 11.2181E, 0.0: 2, h27km, 1km, h27km; p-P, n1828, t1941/1997, mb5.5/27, MS4.8/189, 94C-173D, Taiwan

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

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

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

CHN4	baz=266	i S	Sb	14 30 31.9 +0.2	TAI1	Yung-k'ang	1.48 260	eP	Pb	14 30 23.2 -0.4	ANP	Anpu	1.88 352	eP	Pn	14 30 27.6 +0.4	
EWUT	Wuta	1.13 358	iP	Pn	14 30 16.2 -0.5	TAI1	baz=259	eS	Sb	14 30 41.5 -0.5	NWRT	Kuohsheng	1.89 356	eP	Pn	14 30 28.2 +1.1	
EWUT	baz=10.0	eS	Sn	14 30 30.3 -1.0	WDJ	Dajia District	1.49 314	iP	Pb	14 30 23.1 -0.5	TWY	Chenhua	1.96 354	eP	Pn	14 30 29.2 +0.0	
SGST	baz=10.0	iP	Pn	14 30 16.5 -0.6	WDJ	baz=315	eS	Sb	14 30 42.7 +0.6	HATJ	Hateruma jima	1.97 68	P	Pn	14 30 28.9 +0.6		
SGST	baz=251	eS	Sn	14 30 31.0 -1.0	SCLT	Jiali	1.50 265	iP	Pb	14 30 22.9 -0.9	HATJ	Hateruma jima	1.97 68	A	Sn	14 30 28.5 +0.5	
EOS2	EOS2	1.16 19	eP	Pb	14 30 17.7 -0.4	SCLT	baz=264	S	Pn	14 30 42.7 +0.4	NSM	Shimen	1.98 354	eP	Pn	14 30 29.8 +1.4	
NNSB	Datong	1.18 340	iP	Pn	14 30 17.0 -0.5	WSF	baz=283	eS	Pn	14 30 22.4 +0.7	WDGT	Dungji	1.98 269	iP	Pn	14 30 28.7 +0.3	
NNSB	baz=342	eS	Sn	14 30 30.0 -2.7	WSF	baz=283	eS	Sn	14 30 41.0 +0.6	IRIF	Iriomote-Funau	2.03 60	P	Pn	14 30 28.9 +0.9		
WNT	Mingjian	1.18 299	iP	Pb	14 30 18.3 -0.1	NSTT	Nanjuang	1.51 331	iP	Pb	14 30 23.1 -0.8	IRIF	Iriomote-Funau	2.03 60	A	Sn	14 30 53.5 0.0
WNT	baz=299	S	Sb	14 30 33.8 +0.5	NSTT	baz=332	eS	Sn	14 30 40.5 -0.1	PHUB	P'eng-hu	2.07 276	iP	Pn	14 30 29.9 +0.3		
CHN1	Nanshi	1.19 264	iP	Pb	14 30 18.3 -0.3	WTCT	Ta-ch'eng	1.51 292	iP	Pn	14 30 22.8 +0.9	PHUB	baz=276	S	Sn	14 30 53.5 -1.1	
CHN1	baz=298	S	Sb	14 30 34.1 +0.5	WTCT	baz=292	eS	Sn	14 30 41.9 -0.8	PNG	P'enghu	2.09 277	iP	Pn	14 30 30.4 +0.4		
NNS	Nan Shan	1.19 340	iP	Pn	14 30 17.3 -0.4	LIOB	Emei	1.51 331	iP	Pb	14 30 23.4 -0.7	PNG	baz=277	S	Sn	14 30 54.6 -0.5	
NNS	baz=342	eS	Sn	14 30 32.1 -1.0	LIOB	baz=317	eS	Sn	14 30 41.8 +1.0	VCHM	baz=277	iP	Pn	14 30 31.6 +0.2			
WNT1	Nantou City	1.20 300	iP	Pb	14 30 18.6 -0.1	TAI	Tainan	1.52 258	eP	Pb	14 30 24.4 +0.2	VCHM	baz=267	eS	Sn	14 30 56.0 -1.6	
WNT1	baz=300	eS	Pb	14 30 33.5 -0.3	EGS	baz=258	eS	Pb	14 30 23.3 -1.0	JKRS	Kuro-shima	2.21 65	P	Pn	14 30 32.4 +0.9		
WGK	Gukeng	1.21 288	iP	Pb	14 30 18.6 -0.2	EGS	baz=17	eS	Sb	14 30 43.4 +0.1	JKRS	Kuro-shima	2.21 65	A	Sn	14 30 59.3 +1.2	
WGK	baz=288	eS	Sb	14 30 33.8 -0.2	NTC	Toucheng	1.53 1	eP	Pb	14 30 23.6 -0.9	PCYT	Pengchaiyu	2.32 6	eP	Pn	14 30 33.9 +0.8	
SNST	Tainan City	1.22 266	iP	Pb	14 30 18.7 -0.3	NTC	baz=12	eS	Sn	14 30 42.0 +0.7	PCYT	baz=7.0	eS	Sn	14 30 59.7 -1.0		
SNST	baz=265	S	Sb	14 30 34.9 +0.6	JYNG	Yonagunijimaku	1.53 42	P	Pn	14 30 22.9 +0.6	JIJ	Ishigaki jima	2.37 63	P	Pn	14 30 34.1 +0.2	
TWK	Hsiinying	1.22 268	iP	Pb	14 30 18.6 -0.5	JYNG	Yonagunijimaku	1.53 42	A	Sn	14 30 42.1 +0.8	JIJ	Ishigaki jima	2.37 63	A	Sn	14 30 01.2 -0.9
TWK	baz=267	S	Sb	14 30 34.3 -0.2	NMLH	Miao	1.54 323	iP	Pb	14 30 23.6 -0.9	JISG	Ishigakijimahi	2.61 60	iP	Pn	14 30 37.2 +0.1	
SSD	Sandimen	1.23 243	iP	Pn	14 30 17.2 -0.9	NMLH	baz=324	eS	Sb	14 30 42.9 -0.6	JISG	Ishigakijimahi	2.61 60	A	Sn	14 30 08.0 0.0	
SSD	baz=239	eS	Sn	14 30 32.0 -1.8	WMLT	Mailiao	1.54 289	eP	Pn	14 30 23.1 +0.8	JISG	Ishigakijimahi	2.61 60	A	Sn	14 30 37.2	
WDLH	Douliu	1.23 288	iP	Pb	14 30 19.1 -0.1	WMLT	baz=289	eS	Pn	14 30 41.7 +0.3	JTJ	Tarama	2.95 63	P	Pn	14 30 42.2 +0.4	
WDLH	baz=288	eS	Sb	14 30 35.3 +0.6	NJD	Zhudong	1.56 335	iP	Pb	14 30 24.4 -0.6	JTJ	Tarama	2.95 63	A	Sn	14 31 17.5 +1.1	
TSMG	Majia	1.24 241	iP	Pn	14 30 17.5 -0.7	NJD	baz=336	eS	Sn	14 30 42.6 +0.5	KNM	Kimnen	3.28 290	iP	Pn	14 30 47.7 +1.4	
TSMG	baz=240	eS	Sn	14 30 30.8 -3.2	SMST	Manzhou Townsh	1.57 215	eP	Pn	14 30 22.2 -0.6	KNM	baz=289	eS	Sn	14 31 25.1 +0.6		
LATG	Datong	1.24 348	iP	Pn	14 30 18.0 -0.4	SMST	baz=214	eS	Sn	14 30 40.5 -1.8	MATB	Ma-tsu	3.30 329	iP	Pn	14 30 46.1 -0.5	
WHP	Taichung City	1.25 321	iP	Pn	14 30 18.6 +0.2	WSSB	Gushan	1.58 245	eP	Pn	14 30 25.2 0.0	MSUT	Lienchiang	3.32 329	eP	Pn	14 30 46.7 -0.2
WHP	baz=322	eS	Sn	14 30 32.6 -1.8	WSSB	baz=244	eS	Sb	14 30 46.0 +1.3	KNMB	Chin-men Tao	3.34 291	Pn	Pn	14 30 46.8 -0.3		
CHN2	Minshihung	1.25 280	iP	Pb	14 30 19.7 +0.1	YOJ	Yonaguni jima	1.58 44	Pn	Pn	14 30 23.5 +0.6	KNMB	Chin-men Tao	3.34 291	Pn	Pn	14 30 46.9 -0.2
TAW	Tawu	1.27 222	iP	Pn	14 30 17.5 -1.2	YOJ	Yonaguni jima	1.58 44	P	Pn	14 30 24.3 -1.0	QZH	Quanzhou	3.36 299	iP	Pn	14 30 47.3 -0.1
TAW	baz=229	eS	Sn	14 30 31.7 -3.2	YOJ	Yonaguni jima	1.58 44	A	Sn	14 30 23.7 +0.8	QZH	Quanzhou	3.36 299	Sn	Sn	14 31 24.3 -2.1	
TWC	Suao	1.29 1	iP	Pn	14 30 19.1 +0.2	YOJ	Yonaguni jima	1.58 44	iP	Pn	14 30 43.0 +0.5	QZH	comp=N,12um,1.2s	smax	smax		
TWC	baz=12	S	Sn	14 30 34.8 -0.5	YOJ	Yonaguni jima	1.58 44	iP	Pn	14 30 23.7	QZH	comp=N,11um,1.0s	LR	LR			
CHY	Chiayi	1.29 278	iP	Pb	14 30 20.2 -0.1	YOJ	Yonaguni jima	1.58 44	P	Pn	14 30 42.6 0.0	QZH	comp=N,7.5um,9.8s	LR	LR		
CHY	baz=278	S	Sb	14 30 37.0 +0.5	TSCK	Chigu Township	1.60 264	iP	Pn	14 30 23.5 +0.6	QZH	comp=N,50um,10.2s	LR	LR			
LAY	Lan-yu	1.29 191	iP	Pn	14 30 17.4 -1.6	TSCK	baz=264	eS	Sn	14 30 24.1 +0.9	QZH	comp=N,80um,12.2s	LR	LR			
LAY	baz=189	eS	Sn	14 30 33.0 -2.5	HSN1	Hsinchu	1.63 334	eP	Pb	14 30 44.0 +1.1	JIRB	Irabujima	3.42 63	P	Pn	14 30 48.4 +0.1	
TAWH	Dawu Township	1.29 222	iP	Pn	14 30 17.7 -1.2	HSN1	baz=321	eS	Sn	14 30 25.1 -0.9	JIRB	Irabujima	3.42 63	A	Sn	14 31 27.5 -0.3	
MASBT	Mashibuluo	1.29 238	iP	Pn	14 30 18.4 -0.6	HEN	Hengchun	1.64 218	eP	Pn	14 30 44.7 +1.0	JIRB	Irabujima	3.42 63	A	Sn	14 30 48.4
MASBT	baz=231	eS	Sn	14 30 32.9 -2.5	HEN	baz=216	eS	Sn	14 30 24.2 +0.5	JMJ2	Miyako jima3	3.51 65	P	Pn	14 30 50.2 +0.7		
NADT	Datong Townshi	1.31 348	iP	Pn	14 30 19.2 -0.1	TWP	Heliuchiu	1.65 235	eP	Pb	14 30 44.7 +1.0	JMJ2	Miyako jima3	3.51 65	A	Sn	14 30 50.2
NDS	Dongshan	1.32 356	eP	Pn	14 30 19.4 +0.1	TWKBT	Hengchun	1.65 214	iP	Pn	14 30 24.2 +0.5	JMJ	Miyako jima 2	3.51 64	P	Pn	14 30 50.8 +1.3
NDS	baz=6.0	eS	Sn	14 30 34.8 -1.2	TWKBT	baz=213	eS	Sn	14 30 43.6 -0.3	JMJ	Miyako jima 2	3.51 64	P	Pn	14 30 50.1 +0.6		
LYUB	Lan-yu	1.32 189	iP	Pn	14 30 17.2 -2.2	SBCB	Hsinchu	1.66 333	iP	Pb	14 30 26.7 +0.3	JMJ	baz=65	eS	Sn	14 31 30.6 +0.4	
LYUB	baz=188	eS	Sn	14 30 33.1 -3.0	SBCB	baz=322	iS	Sb	14 30 43.9 -0.3	JKIM	Ikemajima	3.52 62	P	Pn	14 30 49.9 +0.3		
TCU	Taichung	1.33 309	iP	Pb	14 30 21.0 0.0	NHHD	Xindian Distri	1.66 351	iP	Pn	14 30 23.4 -0.5	JKIM	Ikemajima	3.52 62	A	Sn	14 30 30.0 0.0
TCU	baz=310	eS	Sb	14 30 38.1 +0.4	NHHD	baz=352	eS	Sn	14 30 43.9 -0.3	JKIM	Ikemajima	3.52 62	A	Sn	14 30 49.9		
ENTT	Nioudou	1.34 350	iP	Pn	14 30 19.5 -0.1	HSN	Hsinchu	1.67 333	eP	Pb	14 30 25.3 -1.2	JOGS	Gusukube	3.59 66	P	Pn	14 30 51.3 +0.8
SGLT	Jiouru	1.35 245	eP	Pb	14 30 20.7 -0.6	HSN	baz=322	S	Sb	14 30 46.1 -0.8	JOGS	Gusukube	3.59 66	A	Sn	14 30 51.3	
SGLT	baz=243	eS	Pn	14 30 39.5 +1.3	TWA	Mucha	1.67 353	iP	Pn	14 30 46.1 -0.8	DSXP	Dongshan	4.05 276	iP	Pn	14 30 56.9 0.0	
CHN3	Shinhua	1.35 260	iP	Pb	14 30 21.8 +0.4	TWA	baz=354	iS	Sn	14 30 25.0 +0.9	VDSX	Pratas Island	5.39 242	eP	Pn	14 31 16.6 +1.3	
CHN3	baz=260	eS	Sb	14 30 41.1 +2.9	TATO	Taipei	1.68 350	Pn	Pn	14 30 42.9 -1.6	VDSX	baz=240	eS	Sn	14 32 13.3 -3.1		
WTK	Tuku	1.36 286	iP	Pb	14 30 20.8 -0.7	TATO	Taipei	1.68 350	P	Pn	14 30 26.0 -0.7	JJT3	Tamagusuku3	6.12 61	A	Pn	14 31 27.3
WTK	baz=286	S	Sb	14 30 38.3 -0.2	TATO	Taipei	1.68 350	P	Pn	14 30 46.9 -0.5	JOW	Kunigami	6.82 58	Pn	Pn	14 31 33.5 -1.5	
TSPT	Pingtung City	1.37 243	eP	Pb	14 30 21.1 -0.6	TATO	Taipei	1.68 350	iP	Pn	14 30 25.3 +1.1	JOW	Kunigami	6.82 58	P	Pn	14 31 33.8 -1.2
TWMT	Shoushan	1.37 249	iP	Pb	14 30 22.0 +0.3	TWBT1	Santiao Chiao	1.69 5	P	Pn	14 30 45.0 +0.3	JOW	Kunigami	6.82 58	Pn	Pn	14 31 37.0 -2.0
TWMT1	baz=248	S	Sb	14 30 41.0 +2.2	TWBT1	baz=7.0	eS	Sn	14 30 25.3 +1.1	JOW	Kunigami	6.82 58	eP	Pn	14 31 33.3 -1.8		
SHHT	Tainan City	1.38 258	iP	Pb	14 30 22.5 +0.7	BACT	New Taipei Cit	1.71 349	eP	Pn	14 30 45.3 -0.6	JOW	Kunigami	6.82 58	P	Pn	14 32 48.5 -3.4
SHHT	baz=257	eS	Sn	14 30 41.5 +2.5	NHY	Taipei	1.73 353	eP	Pn	14 30 24.3 +0.8	HKPS	Hong Kong Po S	7.15 263	Pn	Pn	14 31 39.0 -0.6	
WCHH	Zhanghua	1.38 304	iP	Pb	14 30 21.5 -0.3	NHY	baz=354	eS	Sn	14 30 45.2 -0.1	HKPS	Hong Kong Po S	7.15 263	P	Pn	14 31 41.2 +1.6	
WCHH	baz=304	iS	Sb	14 30 39.4 +0.4	TAP	Taipei	1.74 351	eP	Pn	14 30 25.6 +0.9	HKPS	Hong Kong Po S	7.15 263	iP	Pn	14 31 40.2 +0.7	
TWQ1	Liyutan	1.40 317	iP	Pb	14 30 22.0 -0.2	TAP	baz=352	eS	Sn	14 30 45.2 -0.1	MCO	Taipa Grande	7.71 263	P	Pn	14 31 48.0 +0.7	
TWQ1	baz=328	S	Sb	14 30 39.9 +0.2	NTY	Taoyuan	1.74 344	eP	Pn	14 30 25.6 +0.9	SSE	Sheshan	7.77 356	Pn	Pn	14 31 47.0 -1.0	
TWE	Neicheng	1.41 355	iP	Pb	14 30 21.5 -0.8	NCUH	Zhongli	1.74 341	eP	Pn	14 30 46.6 +0.2	SSE	baz=262	LR	LR		
YHNB	Yeheng	1.41 344	P	Pn	14 30 20.8 +0.2	NCUH	baz=359	eS	Sn	14 30 26.1 +1.0	SSE	comp=N,3um,13.7s	LR	LR			
YHNB	Yeheng	1.41 344	P	Pn	14 30 21.3 +0.7	NCU	National Centr	1.75 341	P	Pb	14 30 26.7 -1.3	GZH	Guangzhou	7.79 270	Pn	Pn	14 31 44.8 -3.6
YHNB	Yeheng	1.41 344	iP	Pn	14 30 20.8 +0.2	NCU	baz=358	eS	Sn	14 30 49.3 +0.8	GZH	Guangzhou	7.79 270	Sn	Sn	14 33 10.0 -5.8	
YHNB	baz=345	iS	Sn	14 30 36.6 -1.8	NWF	Wu-fen Shan	1.75 359	iP	Pn	14 30 26.8 +1.2	GZH	comp=N,3um,1.0s	smax	smax			
ICHU	Yijhu	1.41 272	iP	Pb	14 30 21.8 -0.5	NWF	Wu-fen Shan	1.75 359	eP	Pn	14 30 27.1 -1.3	JMZ	Minamidaito	8.92 72	P	Pn	14 32 02.6 -1.1
ICHU	baz=272	S	Sb	14 30 40.5 +0.6	WFSB	Wu-fen Shan	1.75 359	eP	Pn								





20d 14h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND, ULHL, COEN, etc.

2017 SEP

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like Townsville Har, SHEMA, SMTA, etc.

1494

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like ARQ, ASHO, NAZ, etc.







HFS	comp=Z,1um,20.0s,baz=64,slow=38	LR	LR	15 19 48.2	KONO Kongsberg	80.65 332 eP	P	14 42 06.5 -0.3	PRU	comp=E,900nm,18.2s	AMS	AMS	15 22 10.0	
HUMR	Humele	78.65 314 iP	P	14 41 56.3 0.0	SKAR Skarslia	80.67 333 eP	P	14 42 07.1 0.0	PRU	Prunhonic	82.85 322 eP	MLR	P	14 42 18.6 -0.1
T33K	Petersburg	78.71 300 eP	P	14 41 58.2 +1.9	MDVR Moldavia	80.71 315 iP	P	14 42 07.3 -0.3	PRU	comp=Z,900nm,18.2s	AMS	MLR	P	14 42 19.0 +0.1
KOLS	Kolonice sedl	78.73 318 eP	P	14 41 56.5 -0.2	KOKK Kokkinochori	80.71 310 P	P	14 42 06.5 -1.0	RONA	Rosalia, Austrom	82.87 319 iP	P	P	14 42 19.0 +0.1
TGNT	Hyland Airport	78.73 27 P	P	14 41 57.8 +1.2	LIRD Liard River Hl	80.71 29 P	P	14 42 08.3 +1.1	PRA	Prague	82.88 322 eP	AMS	P	14 42 18.3 -0.5
CJR	Cluj-Napoca	78.75 316 iP	P	14 41 56.8 -0.1	OKC Ostrava-Krasne	80.84 320 eP	P	14 42 07.3 -0.8	PRA	comp=Z,800nm,15.6s	AMS	MLR	P	14 42 18.3 -0.5
CJR	Cluj-Napoca	78.75 316 iP	P	14 41 56.8 -0.1	OKC Ostrava-Krasne	80.84 320 eP	MLR	14 42 07.3 -0.8	PRA	comp=Z,800nm,15.6s	AMS	MLR	P	14 42 18.3 -0.5
NIUE	Niue	78.80 116 P	P	14 42 00.3 +2.8	SRS Serrai	80.88 311 P	P	14 42 07.2 -1.3	CONA	Conrad Observa	83.03 319 iP	P	P	14 42 19.8 +0.1
TRPA	Tarpa	78.88 318 iP	P	14 41 57.5 0.0	OUR Ouranopolis	80.91 310 eP	P	14 42 07.8 -0.8	CLL	Colim	83.09 323 iP	P	P	14 42 19.2 -0.7
U33K	White Pass	78.92 33 P	P	14 41 59.0 +1.5	OUR Ouranopolis	80.91 310 eP	P	14 42 07.8 -0.8	CLL	comp=Z,89nm,1.2s	AMS	P	P	14 42 19.0 -0.8
YER	Yerkesil	78.97 306 eP	P	14 41 58.2 -0.1	MORC Moravsky Berou	81.22 321 eP	P	14 42 09.9 -0.2	CLL	comp=Z,22nm,0.6s,baz=60,slow=5.1	eL	L	15 22 50.1	
YER	Yerkesil	78.97 306 eP	P	14 41 57.8 -0.5	MORC Moravsky Berou	81.22 321 eP	P	14 42 09.9 -0.2	CLL	comp=Z,928nm,20.1s	AMS	P	P	14 42 19.2 -0.7
NC405	NORSAR Array S	79.01 332 P	IAMB	14 41 56.5 -1.5	KOTAN Kotanele Air	81.22 28 P	P	14 42 10.8 +0.9	CLL	comp=Z,89nm,1.2s	ePcP	PcP	14 42 25.0 +0.5	
NC405	NORSAR Array S	79.01 332 P	IAMB	14 41 58.2	MAUC Maruska	81.23 320 eP	AMS	14 42 09.6 -0.6	CLL	comp=Z,89nm,1.2s	ePcP	PcP	14 42 25.0 +0.5	
PVL	Pavlenki	79.03 312 eP	P	14 41 57.9 -0.6	MAUC Maruska	81.23 320 eP	AMS	15 20 50.0	CLL	comp=Z,89nm,1.2s	ePcP	PcP	14 42 25.0 +0.5	
MARR	Marisel-Cluj	79.06 316 iP	P	14 41 58.8 +0.1	HMAP Nubian desert	81.24 288 iP	P	14 42 10.6 -0.2	CLL	comp=Z,139nm,1.3s,baz=60,slow=5.1	ePcP	PcP	14 42 25.0 +0.5	
S34M	Telegraph Cree	79.11 31 P	P	14 42 00.2 +1.6	COP Copenhagen	81.28 327 iP	P	14 42 07.5 -2.8	CLL	comp=Z,139nm,1.3s,baz=60,slow=5.1	ePcP	PcP	14 42 25.0 +0.5	
WATSON	Watson Lake, Y	79.18 29 P	P	14 42 00.2 +1.2	COP Copenhagen	81.28 327 iP	IAMB	14 42 10.6	CLL	comp=Z,479nm,22.0s	ePcP	PcP	14 42 25.0 +0.5	
CRAG	Craig	79.20 34 P	P	14 42 01.7 +2.6	PAIG Paliouri	81.28 310 eP	P	14 42 09.6 -1.0	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
CRAG	Craig	79.20 34 P	P	14 42 01.7 +1.7	PAIG Paliouri	81.28 310 eP	P	14 42 09.7 -0.9	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
NB2	NORSAR Subarra	79.26 332 P	P	14 41 58.0 -1.4	PAIG Paliouri	81.28 310 P	P	14 42 09.4 -1.2	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
NB2	NORSAR Subarra	79.26 332 P	P	14 41 58.0 -1.4	HYA Hoyager	81.29 334 eP	P	14 42 10.3 +0.1	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
NOA	NORSAR Array B	79.26 332 P	P	14 41 58.0 -1.4	BUD Budapest	81.31 318 P	P	14 42 11.4 +0.8	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
NOA	NORSAR Array B	79.26 332 P	P	14 41 58.0 -1.4	BLF Birch Farm	81.31 141 P	P	14 42 10.3 -0.3	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
NOA	NORSAR Array B	79.26 332 P	P	14 41 58.0 -1.4	FLZ Fort Liard	81.41 27 P	P	14 42 12.2 +1.3	CLL	comp=Z,1um,16.8s	ePcP	PcP	14 42 25.0 +0.5	
NC602	NORSAR Array S	79.27 332 eP	P	14 41 58.1 -1.3	HORT Hortialis	81.43 310 P	P	14 42 09.9 -1.6	GORT1	Trebel	83.18 325 eP	AMS	AMS	14 42 20.4 +0.1
NEEM	North Greenlan	79.37 358 iP	IAMB	14 41 56.5 -3.6	KSP Ksiaz	81.47 322 eP	P	14 42 11.2 -0.2	HSKC	Hora Svate Kat	83.19 322 eP	AMS	AMS	14 42 19.8 -0.7
NEEM	North Greenlan	79.37 358 iP	IAMB	14 42 04.1	KYMI Kymi, Euboea I	81.51 308 P	P	14 42 10.4 -1.4	HSKC	Hora Svate Kat	83.19 322 eP	AMS	AMS	14 42 19.8 -0.7
DLBC	Dease Lake	79.40 31 P	P	14 42 02.0 +1.7	VAY Valandovo	81.51 311 iP	P	14 42 10.5 -1.3	BSEG	Bad Segeberg	83.21 322 eL	L	L	15 20 26.8
DLBC	Dease Lake	79.40 31 P	LR	15 22 03.1	JAVC Jelka Javorina	81.54 320 eP	P	14 42 12.9 +1.0	PDG	Podgorica	83.31 313 IAMS_20	IAMS_20	P	15 20 39.8
RES	Resolute Bay	79.42 9 LR	LR	15 22 15.7	DILA Dilla	81.56 273 iP	P	14 42 16.9 +4.2	PDG	Podgorica	83.31 313 iP	P	P	14 42 20.0 -1.2
EZN	Ezine	79.44 309 P	P	14 41 59.9 -0.8	DILA Dilla	81.56 273 iP	P	14 42 16.9 +4.2	ZVC Zvikov	83.31 321 eP	AMS	AMS	14 42 20.5 -0.6	
KDZ	Kurdzhali	79.47 311 eP	P	14 42 00.6 -0.3	DILA Dilla	81.56 273 iP	P	14 42 16.9 +4.2	TIR	Tirane	83.36 312 iP	P	P	14 42 21.4 -0.1
NA001	NORSAR Array S	79.49 332 P	IAMB	14 41 59.0 -1.6	DILA Dilla	81.56 273 iP	P	14 42 10.5 -1.9	TIR	Tirane	83.36 312 iP	P	P	14 42 23.0 +1.3
NA001	NORSAR Array S	79.49 332 P	IAMB	14 42 00.5	STIP Ostas	81.63 312 iP	P	14 42 10.5 -1.9	SUMG	Summit	83.42 354 iP	IAMB	IAMB	14 42 51.1
DEV	Deva	79.50 315 iP	P	14 42 00.5 -0.5	OSTC Ostas	81.64 322 eP	MLR	14 42 12.1 -0.3	DRME	Dracevica, Mon	83.46 313 eP	P	P	14 42 21.3 -0.7
DEV	Deva	79.50 315 P	P	14 42 00.4 -0.5	OSTC Ostas	81.64 322 eP	AMS	15 23 10.0	KOGS	Krag	83.47 318 iP	P	P	14 42 21.2 -0.8
RDO	Rodhopi	79.51 310 P	P	14 42 00.4 -0.7	DPC Dobruska-Polom	81.67 321 eP	S	14 42 12.5 -0.1	JAWL	J.Aulila	83.49 284 iP	P	P	14 42 23.1 +0.4
RDO	Rodhopi	79.51 310 P	P	14 42 00.4 -0.7	DPC Dobruska-Polom	81.67 321 eP	AMS	15 21 20.0	CKRC	Cesky Krumlov	83.54 321 eS	S	S	14 42 23.1 -1.1
RDO	Rodhopi	79.51 310 P	P	14 42 00.4 -0.7	DPC Dobruska-Polom	81.67 321 eP	MLR	14 42 12.5 -0.1	CKRC	Cesky Krumlov	83.54 321 eP	P	P	14 42 22.2 -0.1
RDO	Rodhopi	79.51 310 P	P	14 42 00.4 -0.7	DPC Dobruska-Polom	81.67 321 eP	MLR	14 42 12.5 -0.1	YKA	Yellowknife Arr	83.54 23 P	P	P	14 42 22.1 +0.2
RDO	Rodhopi	79.51 310 P	P	14 42 00.4 -0.7	DPC Dobruska-Polom	81.67 321 eP	MLR	14 42 12.5 -0.1	YKA	Yellowknife Arr	83.54 23 P	P	P	14 42 22.0 0.0
DAT	Datca	79.64 305 eP	P	14 42 00.7 -1.4	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	FLTG	Fliechten	83.54 325 eP	P	P	14 42 21.4 -0.8
DOMB	Dombas	79.66 334 eP	P	14 42 00.8 -0.8	CHVC Chvalec	81.72 322 eP	AMS	15 23 10.0	ARSA	Arzberg	83.59 319 iP	P	P	14 42 21.9 -0.5
PLD	Plovdiv	79.69 311 eP	P	14 42 02.1 +0.1	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	BLY	Banja Luka	83.65 316 iP	P	P	14 42 22.4 -0.5
CJC	Cjocov	79.71 320 eP	P	14 42 01.7 -0.4	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
OJC	Ojcow	79.71 320 eP	P	14 42 01.6 -0.4	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
NIE	Niedzica	79.73 319 eP	P	14 42 02.3 +0.1	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
NIE	Niedzica	79.73 319 eP	P	14 42 02.3 +0.1	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
SMTH	Samothraki Isl	79.77 310 P	P	14 42 01.5 -1.0	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
GZR	Gura Zlata	79.78 315 iP	P	14 42 02.2 -0.4	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
JMIC	Jan Mayen	79.81 36 LR	LR	15 21 27.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
WRGLY	Wrigley	79.82 25 P	P	14 42 02.6 +0.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
WRGLY	Wrigley	79.82 25 P	P	14 42 02.6 +0.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
WRGLY	Wrigley	79.82 25 P	P	14 42 02.6 +0.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
WRGLY	Wrigley	79.82 25 P	P	14 42 02.6 +0.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
SMG	Samos	79.84 307 P	P	14 42 02.4 -0.6	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
GKP	Gorka Klasztor	79.88 324 eP	P	14 42 01.9 -0.9	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
PGB	Panagyurishte	79.94 312 eP	P	14 42 03.8 +0.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
T35M	Bob Quinn	79.96 32 P	P	14 42 05.0 +1.7	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
T35M	Bob Quinn	79.96 32 P	P	14 42 06.3	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
T35M	Bob Quinn	79.96 32 P	P	14 42 04.7 +1.4	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
MOL	Molde	79.99 335 eP	P	14 42 03.2 0.0	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
OSL	Oslo	80.01 332 eP	P	14 42 03.5 +0.1	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
V35K	Ketchikan	80.03 34 P	P	14 42 04.4 +0.8	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC	Kasperske Hory	83.81 321 eP	AMS	AMS	14 42 23.0 -0.1
SIRR	Siria	80.15 316 iP	P	14 42 04.4 -0.1	CHVC Chvalec	81.72 322 eP	AMS	14 42 12.2 -0.6	KHC					

20d 14h

Table with columns: LODEK, IAMS\_20, IAMS\_20, 15 06 11.4, etc. Lists various locations and their coordinates.

2017 SEP

Table with columns: DLMT, HLID, BOZ, NVAR, etc. Lists various locations and their coordinates.

1498

Table with columns: WHTX, P52A, SSPA, WVT, ELIB, 833A, OXF, TZTN, etc. Lists various locations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPMB Iperameri, GO, IPMB Iperameri, GO, VILB Vilhena, etc.

MEX 20 14:37:25.6, 0.5, 15.67N, 95.14W, h16km, 24km, MD4.3
NEIC 20 14:37:27.2, 1.5, 17.7N, 0.10, 95.32W, s-maj=3.8km, mb4.1/20, MD4.3/16(MEX), Error ellipse: s-maj=14.3km s-min=7.7km az=173.0

IDC 20 14:37:34.5, 6.4, 16.21N, 94.74W, h78km, 61km, mb3.3/3, mbmp3.7/4, ML3.4/1, MS3.4/4, Error ellipse: s-maj=50.5km s-min=24.8km az=45.0

ISC 20 14:37:24.7, 3.1, 15.86N, 0.06, 95.21W, 0.03, h13km, 22km, n50, e1871/55, mb3.6/3, Near coast of Oaxaca

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 425A Indio Mountain, 241A Richland Creek, ZM14 Aspermont, etc.

IDC 20 15:06:24.1, 1.6, 5.08N, 82.66W, h0km, mb3.6/4, mbmp3.6/4, MS3.9/13, Error ellipse: s-maj=76.6km

NEIC 20 15:06:24.0, 1.1, 5.13N, 0.07, 82.9W, 0.1, h10km, 2km, mb4.1/3, Error ellipse: s-maj=21.3km s-min=10.8km az=260.0

UCR 20 15:06:27.5, 1.4, 5.42N, 82.69W, h2km, 55km, MW4.0

UPA 20 15:06:27.5, 0.7, 5.42N, 82.59W, h5km, MW4.7

ISC 20 15:06:25.3, 0.8, 5.17N, 0.07, 82.66W, 0.07, h12km, n109, e1963/100, mb3.7/6, MS3.9/8, 1D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CACAO EI Cacao, Vera, CACAO EI Cacao, Vera, PTAO Petroterminal, etc.

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

MOS 20 15:08:22.9, 1.0, 36.52N, 70.97E, h187km, mb4.4/25, Error ellipse: s-maj=9.0km s-min=4.0km az=85.3

IDC 20 15:08:24.6, 0.8, 36.45N, 70.94E, h193km, 7km, mb3.8/23, mbmp4.4/23, MS3.0/1, Error ellipse: s-maj=10.8km s-min=9.3km az=24.0

NEIC 20 15:08:25.3, 1.9, 36.59N, 0.05, 70.9E, 0.09, h195km, 5km, mb4.4/74, Error ellipse: s-maj=10.4km s-min=7.5km az=79.0

NNC 20 15:08:33.3, 5.7, 37.27N, 71.27E, h243km, 61km, mb3.5, mp4.5, Error ellipse: s-maj=50.7km s-min=37.0km az=11.0

ISC 20 15:08:23.8, 0.5, 36.53N, 0.04, 70.95E, 0.04, h181km, 4km, h180km, p-P, n259, e1940/281, mb4.3/69, 10C-9D, Hindu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL Kabul, KBL Kabul, CHGR Chuyangaron, etc.









Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like WRH Wood River Hill, ILAR Eielson Array, BMAR Burnt Mountain, etc.

MOS 20 16:25:10.0 1.1, 9.99S, 119.11E, h1km, mb5.5/6, Error ellipse: s-maj=5.8km, s-min=4.7km, az=119.4
IDC 20 16:25:11.4 0.4, 9.89S, 119.04E, h0km, mb5.0/28, mbmp5.0/31, ML4.6/3, MS4.3/9, Error ellipse: s-maj=15.7km, s-min=11.8km, az=80.0
NEIC 20 16:25:11.3 1.4, 10.20S, 0.07:118.88E:0.07, h11km, 4km, mb5.3/85, Error ellipse: s-maj=10.3km, s-min=9.3km, az=199.0

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like BASI Baing, Sumba, PLAI Plampang, TWISI Taliwang, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like KNRA Kununurra, PSA00 Pilbara Seismi, LEM Lembang, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like PBSI Pulau Batu, JAY Jayapura, RPSI Rantau Prapat, etc.

20d 16h

Table with columns for station names (JNU, LYN, etc.), coordinates, and various performance metrics like SNR and error rates.

2017 SEP

Table with columns for station names (KLR, HEH, etc.), coordinates, and various performance metrics like SNR and error rates.

1504

Table with columns for station names (IUG, KK31, etc.), coordinates, and various performance metrics like SNR and error rates.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like ASAF, EIL, SNA, VRH, MM, GAMB, BELA, M11K, VSR, VNA, VNA3, VNA1, LPSR, M13K, S12K, BRTR, BR131, M14K, F15K, OBN, M15K, C16K, O15K, N15K, H16K, G16K, J16K, D17K, L16K, RDOG, C17K, N16K, M16K, P16K, E17K, O16K, G17K, H17K, L17K, K17K, E18K, R17K, O17K, C18K, N17K, M17K, P17K, Q17K, H18K, G18K, L18K, C19K, N18K, J18K, P18K, Q18K, F19K, O18K, G19K, D19K, H19K, J19K, N19K, L19K, K19K, O19K, OHAK.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like M19K, D20K, B20K, F20K, E20K, AKASG, AKASG, H20K, K20K, K20K, I20K, KDAK, J20K, J20K, M20K, C21K, IMAR, B21K, A22K, G21K, N20K, SPCR, E21K, F21K, PPLA, H21K, CHUM, CAST, SKT, B22K, I21K, BRSE, F22K, SUA, SUA, H22K, E22K, KTH, KTH, BPAW, MLY, M22K, NACGM, RC01, SEW, D23K, C23K, COLD, G23K, H23K, I23K, E23K, TOLK, MCK, RND, RND, RND, KNK, WAT1, SML, FINES, FINES, D24K, D24K, C24K, E24K, M23K, WAT6, H24K, ARCES, ARCES, ARCES, DCM, DCM, DCM, G24K, GLI, HDA, ILAR, D25K, M24K, G25K, KLU, H25L, EYAK.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like F25K, E25K, J25K, HARP, N25K, N25K, BMRM, F26K, C27K, G26K, SCRK, J26L, SPITS, I26K, I26K, M26K, CRQE, MCARA, E27K, G27K, K27K, D27M, H27K, L27K, L27K, M27K, CTG, F28M, E28M, I28M, YUK3, O28M, DAWY, E29K, H29M, G29M, I29M, PNL, M29M, L29M, H31M, N31M, HFS, CLL, YKA, YKA, EKA, TORD, ESDC, NVAR, MSO, SCi2, CHMT, EDW2, MPMC, HLID, MVO, MVO, ELK, PVRL, POLO, MTE, MTE, PGAV, PGAV, PCBR, PCBR, PMRV, PMRV, PBAR, PBAR, EGMT, PVAQ, PVAQ, PBDV, PBDV, MORF, PVFI, BW06, PDAR, LAO, LAO, 214A, WUAZ, WUAZ, TUC, RSSD, N23A, ULM, SDCO, PMOZ, ECSD.

20d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like SCHQ Schefferville, TXAR Lajitas Array, U40A Cathedral Cave, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like S51A Hartzelle, X48A Keystone Colle, KSPA Royalston, etc.

1506

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Includes stations like MOY Mondy, ORL Orlik, ARS Arshan, etc.



20d 16h

Table with columns for station code, frequency, power, and other parameters. Includes stations like TYV, MDJ, KRSRS, KSAR, TJN, GRNR, INCN, KLR, BNK, SKR, NKL, OKH, CN2, SNY, JMW, and JOW.

2017 SEP

Table with columns for station code, frequency, power, and other parameters. Includes stations like JOW, PET, DL2, ZEA, ZIA, MA2, TIA, BJI, BJT, BJT, XLT, YOJ, TATO, HNS, YHNB, GUMO, SSSLB, SHEM, SMY, TPUB, and TTY.

1508

Table with columns for station code, frequency, power, and other parameters. Includes stations like TIY, SEY, HHC, QZH, YAK, WHN, KNMB, LYN, H11N2, H11N1, H11N3, WAKE ISLAND Hy, AMKA, BOD, and ULAN.

1509

Table with columns for station name, frequency, power, and signal strength. Includes stations like XAN Xi'an, ENH Enshi, GULI GulLin, etc.

2017 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like DAV Davao City (W), QIZ Qiongzong, KMI Kunming, etc.

20d 16h

Table with columns for station name, frequency, power, and signal strength. Includes stations like H16K Elim, CHNA Chernabura Isl, CNBA Chernabura Isl, etc.

20d 16h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Rabaul, Keravat, P17K, WMQ, L18K, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like N19K, O19K, LUWI, M19K, SII, etc.

1510

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like LSA, LSA Lhasa, Q20K, etc.



Table with columns: Station ID, Name, Frequency, Class, Mode, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters.

Table with columns: Station ID, Name, Frequency, Class, Mode, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters.

Table with columns: Station ID, Name, Frequency, Class, Mode, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters.

20d 16h

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like SNH Sunshine Point, H27K Steamboat Moun, H27K Kandik River, etc.

2017 SEP

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like BRZS Berezinski, BRZS Berezinski, PNL Peninsula, etc.

1512

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like MAYO Satah River, G31M Satah River, G31M Satah River, etc.

1513

2017 SEP

20d 16h

Table with columns for station ID, name, coordinates, and various status indicators (e.g., I, A, M, B, P, S). Includes stations like S32K Killisnoo, JAGI Jagaj, and CRAG Craig.

Table with columns for station ID, name, coordinates, and various status indicators. Includes stations like CHM Chinkent, MTSU BT, and ARU Arti.

Table with columns for station ID, name, coordinates, and various status indicators. Includes stations like ALE Alert, JAGI Jagaj, and CRAG Craig.







1517

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CORM Corum, SSSR Sdr. Stenderup, ISCO Idaho Springs, etc.

2017 SEP

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CJR Cluj-Napoca, CJR Cluj-Napoca, CJR Tasmania Unive, etc.

20d 16h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like LOT Lotru, LOT Lotru, LOT Lotru, etc.





Table with columns: Station, Name, Frequency, Mode, Power, and other details. Includes stations like APMY, BIAO, B30A, DIVS, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other details. Includes stations like STU, VUR, MYKA, URLA, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other details. Includes stations like BFO, ARG, ARG, ARG, etc.

20d 16h

Table with columns for station code, call sign, frequency, and other data. Rows include stations like TBI, TBI, TBI, etc.

2017 SEP

Table with columns for station code, call sign, frequency, and other data. Rows include stations like P43A, P43A, FDMO, etc.

1520

Table with columns for station code, call sign, frequency, and other data. Rows include stations like TRQ, TRQ, BNI, etc.



20d 16h

Table with columns for station name, time, and various performance metrics. Includes stations like Saint George, Yeager Farm, Beattyville, etc.

2017 SEP

Table with columns for station name, time, and various performance metrics. Includes stations like Tuckaleechee, West Chester, Middleborough, etc.

1522

Table with columns for station name, time, and various performance metrics. Includes stations like FURI, Furi, WUPA, etc.





Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BUR08 Bucovina Ar, BR131 Keskin Array B, etc.

IDC 20 17:35:45.9±1.6, 7.56S; 128°19'E, h154km, 17km, mb3.2/5, mbtmp3.8/8, Error ellipse: s-maj=24.5km s-min=14.0km az=128.0

NEIC 20 17:35:46.1±1.9, 7.58S; 0°07'128°23'E±0.03, h144km, 14km, mb4.4/9, Error ellipse: s-maj=11.0km s-min=4.3km az=128.0

DJA 20 17:35:46.5±0.4, 7.54S; 127°09'E±1.1, h171km, 16km, M4.3/9, mb3.9/7, mBS, 0/2, MLv4.5/9, Mw(mb)4.4/2

ISC 20 17:35:45.3±0.6, 7.58S; 0°06'128°21'E±0.05, h142km, n52, c#200/57, mb3.5/8, Banda Sea

Main table for station data, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like SAUI, MTN, WRA, etc.

JMA 20 17:38:58.9±0.2, 23°31'N±0.6, 127°22'E±1.1, h30km, 3km, MV2.9/16, TAIWAN REGION

TAP 20 17:39:00.1, 23°34'N±1.2176E, h32km, ML2.9, C ISC 20 17:38:58.3±1.0, 23°31'N±0.02, 121°30'E±0.02, h91km, 3km, n102, c#74/177, 1D, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ECBN, HGSD, EYUL, etc.

Main table for station data, columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like EHY, WARB, EDH, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like TWK, SSD, WDLH, etc.

JMA 20 17:41:58.5±0.2, 23°19'N±1.1, 123°22'E±0.5, h54km, 4km, MV3.2/18, NEAR ISHIGAKIJIMA ISLAND

ISC 20 17:42:00.2±2.7, 23°50'N±0.09, 123°25'E±0.04, h33km, 15km, n17, c#57/28, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like HATJ, IRIF, YOJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Miyakojima, Ikenajima, Gusukube, Ta-pu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Concordia, Refugio Sur-Vo, Alto Alegre, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like mbmp3.5/4, ML3.5/2, Error ellipse, etc.





20d 20h

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

WEL 20 19:47:00.44,30S,168.15E,h11km,ML4.6,Mw3.9, Moment Tensor Solution...

NEIC 20 19:56:01.8,0.4,36.62N,0.01,98.06W,0.02,h5km,2km, Error ellipse: s-maj=3.1km s-min=2.5km az=316.0

TUL 20 19:56:01.3,0.5,36.62N,0.02,98.06W,0.02,h6km,6km, ML2.5, m\_Lg1.8/3(NEIC),ML2.4/43(NEIC), Error ellipse: s-maj=2.8km s-min=1.1km az=142.0, Oklahoma

ISC 20 19:47:58.7,1.5,44.26S,0.05,168.16E,0.04,h5km,10km, n108, r111/105, mb4.0/5, South Island

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s ISC, Res. Includes stations like MSZ, JCB, WZK, etc.

20d 20h 2017 SEP

Table with columns: TOZ, WTAZ, MKAZ, WIAZ, MWZ, WCOZ, OUZ, OUM, OZM, STKA, ASAR, ASAR, WRA, H01W1, H01W2, H01W3, CMAR, H0S21, H0S22, H0S23, BRTR, TORO, ARCES, FINES. Includes station names and coordinates.

NEIC 20 19:56:01.8,0.4,36.62N,0.01,98.06W,0.02,h5km,2km, Error ellipse: s-maj=3.1km s-min=2.5km az=316.0

TUL 20 19:56:01.3,0.5,36.62N,0.02,98.06W,0.02,h6km,6km, ML2.5, m\_Lg1.8/3(NEIC),ML2.4/43(NEIC), Error ellipse: s-maj=2.8km s-min=1.1km az=142.0, Oklahoma

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s ISC, Res. Includes stations like CROK, OK032, OK032, G002, KAN14, etc.

20d 20h 1528

Table with columns: KKO, BYL, BYL, BYL, BYL, RIM, RIM, RIM, HATHI, HATHI, HATHI, SDHHI, SDHHI, SDHHI, SBLHI, SBLHI, SBLHI, UWB, UWB, UWB, UWB, WRMH, WRMH, WRMH, UWE, UWE, UWE, RSD, RSD, RSD, HTH, MLH, MLH, MLH, MLH, AIN, AIN, AIN, KHU, KHU, KHU, HHM, HHM, HHM, MWH, MWH, MWH, MLOA, MLOA, MLOA, POHA, POHA, POHA, HUH, HUH, HUH, KHLU, KHLU, HPAH, HPAH, HPAH. Includes station names and coordinates.

BUI 20 20:09:48.1,0.0,18.79S,169.03E,h205km,mb5.8/94, mB6.4/72

ISC 20 20:09:49.7,0.7,18.77S,169.04E,h199km,5km,mb5.6/23, mbmp6.1/27, MS5.4/23, Error ellipse: s-maj=8.9km s-min=7.5km az=165.0

NEIC 20 20:09:49.9,18.90S,169.19E,h190km, Moment Tensor Solution. Duration: 85 Moment tensor: Scale 1018Nm; Mrr:1.86, Mth:3.43, Mtt:5.29, Mtr:2.94, Mtr:0.53, Mtr:0.40;

NEIC 20 20:09:49.9,18.80S,169.09E,h190km, Moment Tensor Solution. Duration: 85 Moment tensor: Scale 1018Nm; Mrr:1.86, Mth:3.43, Mtt:5.29, Mtr:2.94, Mtr:0.53, Mtr:0.40;

NEIC 20 20:09:49.9,18.80S,169.09E,h190km, Moment Tensor Solution. Duration: 85 Moment tensor: Scale 1018Nm; Mrr:1.86, Mth:3.43, Mtt:5.29, Mtr:2.94, Mtr:0.53, Mtr:0.40;

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s ISC, Res. Includes stations like JCUZ, JCUZ, JCUZ, NPOC, NPOC, NPOC, STCH, STCH, STCH, HOKA, HOKA, HOKA, PUH, PUH, PUH, HLP, HLP, HLP, KKO, KKO, KKO, LIFC, LIFC, LIFC, MARNC. Includes station names and coordinates.

MARNC	Mare, Loyalty	2.77 201	P	Pn	20 10 37.0 -0.9	RIV	Riverview	21.86 224	U	P	20 14 27.5 +0.9	RAR	comp=Z,717nm,1.9s		pmax	pmax			
MARNC	Mare, Loyalty	2.77 201	UP	Pn	20 10 35.9 -2.0	AULRC	Lightning Ridge	21.90 237	P	P	20 14 28.1 +0.9	ARPS	Mount Arapiles	29.82 228	P	P		20 15 39.2 +1.1	
YATNC	Mamie, Loyalty	3.73 213	P	Pn	20 10 48.5 -1.3	TZLR	Takaparu Road	21.93 166	P	P	20 14 28.5 +1.2	ARPS	Mount Arapiles	29.82 228	P	P		20 15 39.5 +1.3	
IZ2FR	PORTLAGUERRE	3.91 212	P	Pn	20 10 51.4 0.0	RABL	Rabaul	22.05 309	P	P	20 14 26.4 -2.4	ARPS	Mount Arapiles	29.82 228	P	P		20 15 40.4 +1.2	
	baz=32,slow=14,SNR=4.5					RABL	Rabaul	22.05 309	UP	P	20 14 26.6 -2.2	MOO	Moorlands	29.94 214	P	P		20 15 40.4 +1.2	
PINNC	Pines Island,	4.02 202	P	Pn	20 10 52.1 -0.7	QRZ	Quartz Range	22.07 173	P	P	20 14 31.1 +2.5	MOO	Moorlands	29.94 214	P	P		20 15 40.7 +1.5	
PINNC	Pines Island,	4.02 202	P	Pn	20 10 53.3 +0.5	QRZ	Quartz Range	22.07 173	P	P	20 14 30.9 +2.3	AUHP	Hawkesdale P12	30.17 225	P	P		20 15 43.8 +2.4	
DZM	Mont Dzumac	4.03 218	P	Pn	20 10 52.7 -0.3	KRVZ	Keravat (AS076)	22.08 309	P	P	20 14 26.7 -2.3	AUHP	Tasmania Univ	30.20 213	P	P		20 15 42.2 +0.7	
DZM	Mont Dzumac	4.03 218	UP	Pn	20 10 53.1 +0.1	KRVZ	Keravat (AS076)	22.08 309	S	S	20 18 18.4 +1.2	TAU	Tasmania Univ	30.20 213	UP	P		20 15 42.5 +1.1	
DZM	Mont Dzumac	4.03 218	P	Pn	20 10 52.5 -0.6							TAU	Tasmania Univ	30.20 213	P	P		20 15 42.2 +0.7	
DZM	Mont Dzumac	4.03 218	P	Pn	20 10 52.6 -0.4							TAU	Tasmania Univ	30.20 213	P	P		20 15 42.5 +1.1	
	11um,0.9s,ba=60,slow=17,SNR=832											TAU	Tasmania Univ	30.20 213	P	P		20 15 42.2 +0.7	
DZM				S	20 11 41.0 -0.8														
	5um,0.9s,ba=265,slow=23,SNR=1.5																		
DZM	comp=Z,145um,19.9s,ba=52,slow=35			LR	20 12 11.8	SYDH	Sydney Hard Ro	22.09 224	P	P	20 14 30.5 +1.7	TAU	comp=Z,188nm,1.0s	30.20 213	P	P		20 15 42.4 +0.9	
DZM	18nm,0.9s,ba=153,slow=23,SNR=3.7			ScP	20 21 08.7 +0.8	PKX	Pawulu	22.12 164	P	P	20 14 29.6 +0.6	TAU	Tasmania Univ	30.20 213	P	P		20 18 38.6 +1.5	
DZM				ScS	20 24 41.1 +0.4	AUCS	Australian State H	22.22 271	P	P	20 14 32.0 +1.3	TAU	Tasmania Univ	30.20 213	P	P		20 22 05.2 +5.5	
	4.6nm,1.0s,ba=152,slow=17,SNR=1.6					MRZ	Mangatainoka R	22.41 167	P	P	20 14 32.7 +1.0	TAU	Tasmania Univ	30.20 213	P	P		20 15 43.4 +1.9	
OUENC	Ouen Island, N	4.10 210	P	Pn	20 10 53.8 0.0	NZ	Nelson	22.57 172	P	P	20 14 35.0 +1.8	AUTAR	Taroona High S	30.21 213	P	P		20 15 42.7 +0.8	
OUENC	Ouen Island, N	4.10 210	P	Pn	20 10 54.8 +1.0	BFZ	Birch Farm	22.59 166	P	P	20 14 33.5 +0.1	LCRK	Leigh Creek	30.23 242	P	P		20 15 42.7 +0.8	
OUENC	Port Laguerre	4.14 219	P	Pn	20 10 54.8 +0.6	AUCDS	Dubbo College	22.70 230	P	P	20 14 35.7 +1.3	HTT	Hallett	30.58 236	P	P		20 15 45.6 +0.6	
ONTNC	Ouen Toro	4.21 215	P	Pn	20 10 55.1 0.0	SNZO	South Karori	22.87 169	P	P	20 14 35.9 +0.1	HTT	Hallett	30.58 236	UP	P		20 15 45.9 +0.9	
ONTNC	Ouen Toro	4.21 215	P	Pn	20 10 55.7 +0.6	SNZO	South Karori	22.87 169	UP	P	20 14 36.8 +1.0	HTT	Hallett	30.58 236	UP	P		20 15 45.3 +0.3	
ONTNC	Ouen Toro	4.21 215	UP	Pn	20 10 54.2 +0.2	SNZO	South Karori	22.87 169	UP	P	20 14 35.9 +0.1	HTT	Hallett	30.58 236	UP	P		20 15 45.3 +0.3	
KOUNC	Koumac, New Ca	4.82 249	Pn	Pn	20 11 03.1 +0.3	DNZ	Dennistown Nort	23.21 175	P	P	20 14 38.0 +1.7	HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
KOUNC	Koumac, New Ca	4.82 249	P	Pn	20 11 03.3 +0.3	HTT	Hallett	23.04 173	P	P	20 14 38.0 +1.7	HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
KOUNC	Koumac, New Ca	4.82 249	UP	Pn	20 11 03.3 +0.6	PMG	Port Moresby	23.29 211	S	S	20 18 38.3 +2.5	HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
KOUNC	Koumac, New Ca	4.82 249	UP	Pn	20 11 03.3 +0.6							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
YSA	Yasawairara	8.37 76	P	Pn	20 11 49.9 +1.3							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
MSVF	Nonsavu	8.59 84	P	Pn	20 11 54.0 +2.5							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
MSVF	Nonsavu	8.59 84	UP	Pn	20 11 53.2 +1.8							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
MSVF	Nonsavu	8.59 84	P	Pn	20 11 52.8 +1.3							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
MSVF	Nonsavu	8.59 84	P	Pn	20 11 53.1 +1.6							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	954nm,1.0s,ba=242,slow=11,SNR=841											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
MSVF				S	20 13 33.6 +5.4							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	185nm,1.0s,ba=79,slow=9.6,SNR=1.5											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
NFK	Norfolk Island	10.18 186	P	Pn	20 12 12.0 +0.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
NFK	Norfolk Island	10.18 186	P	Pn	20 12 12.0 +0.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
NFK	Norfolk Island	10.18 186	UP	Pn	20 12 12.0 +0.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
DGTI	Dogotuki	10.47 77	P	Pn	20 12 16.7 +0.9							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
TAVE	Taveuni	10.70 80	P	Pn	20 12 20.3 +1.6							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
LKBA	Tubou, Lakemba	11.49 89	P	Pn	20 12 29.7 +1.0							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR	Honiara	12.91 315	Pn	Pn	20 12 45.8 -0.8							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR	Honiara	12.91 315	P	Pn	20 12 45.8 -0.8							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR	Honiara	12.91 315	UP	Pn	20 12 44.5 -2.1							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR	Honiara	12.91 315	P	Pn	20 12 45.8 -0.8							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR	Honiara	12.91 315	P	Pn	20 12 44.3 -2.4							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	20um,0.9s,ba=201,slow=4.2,SNR=81											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR				S	20 15 12.2 +2.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	2um,1.0s,ba=339,slow=16,SNR=0.7											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
HNR				LR	20 16 34.4							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	comp=Z,252um,21.9s,ba=148,slow=32											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
FUTU	Fugetoga	13.72 134	P	Pn	20 12 51.0 -0.6							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
FUNA	Funafuti	14.21 45	P	Pn	20 13 02.6 -0.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
FUNA	Funafuti	14.21 45	P	Pn	20 13 02.8 -0.1							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
FUNA	Funafuti	14.21 45	UP	Pn	20 13 05.4 +1.1							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
LHI	Lord Hows Is	15.51 214	P	Pn	20 13 19.2 +0.8							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	baz=16											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
LHI	Lord Hows Is	15.51 214	P	Pn	20 13 19.7 +1.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
LHI	Lord Hows Is	15.51 214	P	Pn	20 13 20.0 +1.0							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
LHI	Lord Hows Is	15.51 214	UP	Pn	20 13 19.7 +1.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
RAO	Raoul Island	15.72 134	P	Pn	20 13 20.6 -0.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
RAO	Raoul Island	15.72 134	P	Pn	20 13 24.1 +3.1							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
RAO	Raoul Island	15.72 134	UP	Pn	20 13 21.7 +0.7							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
RAO	Raoul Island	15.72 134	P	Pn	20 13 21.3 +0.3							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	1um,0.7s,ba=139,slow=0.9,SNR=14											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
RAO				S	20 16 17.0 +2.0							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
	65nm,0.3s,ba=124,slow=19,SNR=0.8											HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
GLKZ	Green Lake	15.72 134	P	Pn	20 13 24.2 +3.1							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
OUZ	Omahuta	16.76 167	P	Pn	20 13 35.1 +1.6							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
OUZ	Omahuta	16.76 167	P	Pn	20 13 34.6 +1.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
OUZ	Omahuta	16.76 167	UP	Pn	20 13 34.4 +0.9							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
GOIS	Gold Coast 1 S	17.00 234	P	Pn	20 13 37.5 +1.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
GDIS	Gladstone Soft	17.00 234	P	Pn	20 13 41.7 +0.5							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
WCG	Waipi Caves	17.82 166	P	Pn	20 13 44.7 +1.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
EIDS	Eidsvold	17.88 246	P	Pn	20 13 45.9 -0.8							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
EIDS	Eidsvold	17.88 246	P	Pn	20 13 46.5 -0.3							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0.7	
EIDS	Eidsvold	17.88 246	UP	Pn	20 13 47.0 +0.2							HTT	Hallett	30.58 236	UP	P		20 15 53.2 +0	

20d 20h

Table with columns for station name, location, frequency, power, and signal strength. Includes stations like GUMO Guam, KHLU Kahalu'u, and many others.

2017 SEP

Table with columns for station name, location, frequency, power, and signal strength. Includes stations like KHLU Kahalu'u, TOLUH Tolioli, and many others.

1530

Table with columns for station name, location, frequency, power, and signal strength. Includes stations like INU Inuyama, JGF Kuroka, and many others.



20d 20h

Table with columns for station name, frequency, and signal strength. Includes stations like Baotou, Hailar, Zeya, etc.

2015 SEP

Table with columns for station name, frequency, and signal strength. Includes stations like Nushagak Hills, Gambell, P19K, etc.

1532

Table with columns for station name, frequency, and signal strength. Includes stations like ULN, PWL, BELO, etc.



20d 20h

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like I26K Coal Creek Min, L29M L29M, BOK Bokaro, etc.

2017 SEP

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like WTLY Watson Lake, C24K Franklin Bluff, DUG Dugway, etc.

1534

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like PDAR Pinedale Array, PDAR comp=Z,2.4nm,0.9s, etc.



1535

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ZALV, GARC, WSAR, etc.

2017 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GARC, WSAR, etc.

20d 20h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SPITS, ABTO, etc.

20d 20h

2017 SEP

1536

Table with columns for station name, coordinates, and various data points. Includes stations like ARAO ARCESS Array S, ARCES Schefferville, ARCES Pitston Farm, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like MOS, NCK Naichik, KMBO Kilima Mbojo, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like BNGB Bingli, BNGT Bingli, BNTB Trabzon, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like GO Pecny, Ondr, MMB Musomishta, PRA Prague, PRU Pruhonice, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOA, RUDO Rudo, ATAL Atalan, VIL Villia, KALN Kalnik, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTA, WTTA Wattenberg, WTTA, LK2D Lefkada island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like PICO Pico, PMAN Manadas, PINNO Prainha do Nor, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like ESPR Espera, MORF Marneleite, MORF Marneleite, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like TXAR Lajitas Array, SJA 20:20:32.9, etc.

20d 22h

Table with columns: CPUP, SIV, OTAV, SNA, TOR, WRA, H1S2, H1S1, H1S3, H1N1, H1N2, BVAR, KURB, ZALV, SNA. Includes station names, coordinates, and various codes.

IDC 20:20:58.36.9.2.3, 4.40N, 123.23E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=328.8km s-min=27.8km az=62.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.

JMA 20:21:06:00.0.2.38.0N:0.8.144.4E:0.9, h21km, MV3.6/28, FAR E OFF NORTH HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Ishinomakikobu, Ofunato, Kesennumototy, etc.

IDC 20:21:26:26.7.1.1, 3.1.80S, 179.96W, h356km, 11km, mb3.5/5, mbtmp4.3/7, Error ellipse: s-maj=24.4km s-min=16.3km az=157.0

WEL 20:21:26:31.4.1.4, 32.2S, 20.17E, h25km, 27km, M4.6/13, mB5.0/9, ML4.7/15, MLV5.0/13, Mw(Mw)/M4.3/9, Error ellipse: s-maj=0.1km s-min=0.0km az=118.7, confirmed

ISC 20:21:26:25.9.0.6, 31.96S, 0.07x179.9E:0.1, h350km, n69, c192/81, mb3.8/5, Kermaedc Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Green Lake, Raoul Island, Matakaoa Point, etc.

2017 SEP

Table with columns: MSWZ, TCW, PLWZ, TUWZ, NWZ, GRZ, THZ, GVZ, DZM, STKA, ASAR, WRA, SNA, PETK, MKAR, KURB, BVAR, ARCES, FINES, NB2, NOA, MMAI, HFS, BRTR. Lists stations and their coordinates.

NOU 20:21:30:33.3, 19.00S, 169.54E, h186km, MLV3.8/7, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Devils Point, Mare, Loyalty, etc.

JMA 20:21:32:37.9.0.2, 38.0N:0.9:14.5E:1, h42km, MV3.5/28, FAR E OFF NORTH HONSHU

IDC 20:21:32:39.1.2.1, 37.00N:1.44.9E, h0km, mb3.5/4, mbtmp3.5/5, ML2.7/1, Error ellipse: s-maj=49.9km s-min=32.5km az=59.0

ISC 20:21:32:36.4.1.5, 38.02N:0.07x144.73E:0.09, h35km, n23, c192/25, mb3.5/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Ishinomakikobu, Ofunato, Kesennumototy, etc.

JOSM Okushiri-Mats 5.71 317 eP Pn 21 34 01.0 +2.2

JTRK Abashiri-Toko 5.97 354 pP Pn 21 34 03.7 +1.4

H1N1 WAKE ISLAND Hy 26.52 127 T T 22 05 51.1

H1N3 WAKE ISLAND Hy 26.53 127 T T 22 05 43.9

MKAR Makanchi Array 45.83 302 P P 21 41 05.2 +1.0

KURB Kurchatov Arra 47.48 308 P P 21 41 20.3 +1.3

BVAR Borovoye Array 51.85 312 P P 21 41 52.4 +1.1

WRA Warramunga Arr 58.48 191 P P 21 42 29.7 +0.7

IDC 20:21:36:42.0.2.2, 17.37S:172.75W, h0km, mb3.8/4, mbtmp3.9/5, ML4.5/1, Error ellipse: s-maj=79.6km s-min=24.7km az=138.0, Tonga Islands region

Code Station Name Az Az2 Phase ID Time Res h m s ISC

AFI Afiamalu 3.57 15 Pn Pn 21 37 38.3 -0.5

WRA Warramunga Arr 50.03 258 P P 21 45 37.5 -1.2

ASAR Alice Springs 50.12 253 P P 21 45 40.3 +0.9

PETK Petropavlovsk- 74.69 342 P P 21 48 23.8 +0.5

NVAR Narvik Array Be 75.38 41 P P 21 48 27.7 -0.1

IDC 20:22:04:24.1.4.6, 38.21N:74.10E, h107km, 33km, mb3.5/4, mbtmp3.6/9, Error ellipse: s-maj=61.9km s-min=29.6km az=134.0

SOME 20:22:04:26.5, 39.30N:73.72E, h5km NNC 20:22:04:32.6, 1.4, 38.73N:73.80E, h158km, 20km, mb2.4, mpv3.1, Error ellipse: s-maj=15.8km s-min=10.4km az=177.0

ISC 20:22:04:26.9.1.5, 38.4N:0.1x73.78E:0.09, h124km, n20, c25/19/24, mb3.8/4, 5C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Almayashu, AML, AAK.

1540

Table with columns: AAK, MRKS, IUG, IUG, TKM2, TKM2, DZA, KST, KST, CHM, CHM, DGS, DGS, KK31, KK31, GEYT, GEYT, AB31, BVAR, AKTO, ZALV, FINES, ARCES, HFS, TORD. Lists stations and their coordinates.

KRNET 20:22:09:28.9.0.1, 42.65N:71.97E, h30km, mb2.5 SOME 20:22:09:29.2, 42.67N:72.03E, h10km NNC 20:22:09:30.5, 0.7, 42.59N:71.97E, h0km, mb3.2, mpv3.1, Error ellipse: s-maj=10.0km s-min=4.2km az=0.0

KNET 20:22:09:31.2, 0.5, 42.51N:72.00E, h19km, 4km, ml2.4, Error ellipse: s-maj=6.9km s-min=3.3km az=37.0

ISC 20:22:09:30.0.1.0, 42.65N:0.03x71.98E:0.02, h17km, 8km, n52, c102/88, 33C-24D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Manas, Taraz, Ofunato, etc.

KKAR Kararay Array 1.17 294 P P 22 09 51.2 -0.5

KK31 Karatay Array 1.17 294 P P 22 09 51.2 -0.5

KKAR Kararay Array 1.17 294 P P 22 09 50.7 -0.7

AML Almayashu 1.37 111 P P 22 09 55.3 -0.1

AML Almayashu 1.37 111 P P 22 09 55.3 -0.1

AML Almayashu 1.37 111 P P 22 09 54.3 -0.4

IUG Iuzhnay 1.53 252 eP Pn 22 10 12.4 -0.3

IUG Iuzhnay 1.53 252 eP Pn 22 10 12.4 -0.3

IUG Iuzhnay 1.53 252 eP Pn 22 10 12.4 -0.3

CHM Chikent 1.79 260 eP Pn 22 10 03.9 +1.6

CHM Chikent 1.79 260 eP Pn 22 10 03.9 +1.6

AAK Ala-Archa 1.86 89 P P 22 10 05.0 -0.6

AAK Ala-Archa 1.86 89 P P 22 10 05.0 -0.6

AAK Ala-Archa 1.86 89 P P 22 10 05.0 -0.6

ARLS Aral 1.91 113 P P 22 10 02.3 +0.4

ARLS Aral 1.91 113 P P 22 10 02.3 +0.4

UCH Uchter 1.92 102 P P 22 10 05.5 +0.7

UCH Uchter 1.92 102 P P 22 10 05.5 +0.7

FRU1 Bishkek 1.96 84 P P 22 10 02.7 +0.2

CHMS Chumysh 2.07 79 P P 22 10 08.2 +1.0

Table with columns: CHMS, Chumysh, 2.07 79 P, Pn, 22 10 05.0 +1.0, etc. Includes station names like CHMS, CHMS, CHMS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, etc. Includes station names like MANU, H40PG, KRVT, etc.

Table with columns: MNI, Manado, 23.98 285, P, Pmax, 22 18 49.8 -0.8, etc. Includes station names like MNI, LIFUNC, LIFUNC, etc.

BUI 2022:13:31.7-0.0, 5.12S:148.30E, h13km, mb5.2/84, mB5.6/79, Ms5.7/99, Ms7.5/6/94
IDC 2022:13:33.0-0.4, 5.14S:147.97E, h0km, mb5.2/28, mbmp5.2/32, ML5.1/4, MS5.4/56, Error ellipse: s-maj=11.7km s-min=6.1km az=90.0
MOS 2022:13:34.2-0.9, 5.11S:147.83E, h13km, mb5.7/57, MS5.5/42, Error ellipse: s-maj=7.5km s-min=4.6km az=112.3
NEIC 2022:13:35.8-1.3, 5.08S:0.04E:147.83E:0.06, h1(km), 1km, mb5.0/168, Ms-.2/5.7996, Mw5.8/18, Mw5.9/23, Error ellipse: s-maj=10.6km s-min=6.1km az=83.0
Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn:0.00; Mb: -1.48; Ms: 1.47; Mz:3.08; Mxx:4.04; Mxy:1.32; Fault plane solution: Ms:5.450000x10^17 NP1: 0.347.550000, 853.190000, 176.250000. NP2: 0.79.790000, 887.000000, 136.870000. Principal axes: T 5.7847, Plg27.0000, Azm310.0000; N -0.7360, Plg53.0000, Azm84.0000; P -5.0487, Plg23.0000, Azm208.0000
NEIC 2022:13:36.1, 4.81S:148.03E, h12km, Moment Tensor Solution. Duration: 4s. Moment tensor: Scale 10^18Nm; Mn:-0.05; Mb:-0.23; Ms:0.29; Mz:-0.35; Mxx:0.67; Mxy:0.62; Fault plane solution: M:1.0000x10^18 NP1: 0.168.990000, 884.740000, 137.700000. NP2: 0.74.220000, 847.910000, 147.090000. Principal axes: T 0.8904, Plg24.0000, Azm294.0000; N 0.2210, Plg47.0000, Azm175.0000; P -1.1114, Plg33.0000, Azm41.0000
NEIC 2022:13:36.1, 5.11S:147.83E, h10km
NEIC 2022:13:36.1, 5.11S:147.83E, h10km
KLM 2022:13:37, 5.03S:147.86E, h10km, mb5.8
DJA 2022:13:37, 0.1, 0.5 S:2.14E. 8E, h20km, 7km, M5.6/72, mB6.0/80, mB5.7/72, MLv5.9/2, Mw(mb)5.6/60, Mw(mb)5.6/14, Mw5.9/14
GCMT 2022:13:40.8, 0.1, 5.03S:147.88E, h12km, Mw5.8/165, Moment Tensor Solution. s136.c233; s165.c495; Duration: 2s1. Moment tensor: Scale 10^17Nm; Mn:-0.42; Mb:-2.66; Ms:0.7; Mz:3.07; Mxx:0.2; Mxy:0.92; Mz:0.15; Mz:1.18; Best double couple: Mz:5.720000x10^17 NP1: 0.349.000000, 888.000000, 172.000000. NP2: 0.79.790000, 887.000000, 136.870000. Principal axes: T 7.8280, Plg27.0000, Azm152.0000; P -7.3160, Plg4.0000, Azm34.0000; Nst1 refers to body waves, cutoff=40s. Nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, etc. Includes station names like GENI, SMP1, COEN, etc.

Table with columns: MNI, Manado, 23.98 285, P, Pmax, 22 18 49.8 -0.8, etc. Includes station names like MNI, LIFUNC, LIFUNC, etc.









Table with columns for station ID, name, elevation, location, date, and time. Rows include stations like E18K Tukpahleirik, KURK Kurchatov, H19K Roundabout Mow, etc.

Table with columns for station ID, name, elevation, location, date, and time. Rows include stations like G21K Allakaket, M23K Glacier View, E20K Nigu River, etc.

Table with columns for station ID, name, elevation, location, date, and time. Rows include stations like IL31 IL31, ILAR Eielson Array, ILAR Eielson Array, etc.

20d 22h

Table of weather data for the 20-day period (20d 22h) with columns for station ID, name, and various weather metrics.

2017 SEP

Table of weather data for the entire month of September 2017, including station information and weather metrics.

1546

Table of weather data for the specific date 1546, with columns for station ID, name, and weather metrics.













20d 23h

Table of astronomical data for the 20d 23h period, including station codes, names, times, and residuals. Columns include Code, Station Name, Az, Phase ID, Time, Res, and various identifiers.

TAP 20:23:40.49, 4.24'55N; 122:87E; h92km, ML3.4, D
JMA 20:23:40.49, 5.0, 2.24' NL; 122:9E; h94km, 1km,
M2: 5/14, NW OFF ISHIGAKIJIMA IS
ISC 20:23:40.49, 7.1, 3.24'48N; 0.04; 122:88E; 0.02, h92km; 7km,

Large table of station data for the 20d 23h period, listing Code, Station Name, Az, Phase ID, Time, Res, and other details for numerous stations.

2017 SEP

Main table of astronomical data for 2017 SEP, listing station codes (ESL, WHF, WHF, etc.), station names (Shilin, Hehuan Shan, etc.), times, residuals, and various identifiers.

NEIC 20:23:54:55.2, 0.4, 36'52N; 0.02-98.97W; 0.03, h5km, 5km,
Error ellipse: s-maj=4.5km s-min=0.8km az=120.0
TUL 20:23:54:56.0, 4.36'53N; 0.02-98.97W; 0.04, h5km, 4km,
ML2.8, mb\_Lg, 2/4(NEIC), ML2.7/12(NEIC), Error
ellipse: s-maj=5.0km s-min=2.4km az=97.0, Oklahoma

1552

Table of astronomical data for the 1552 period, listing station codes (U32A, OK038, etc.), station names (West end Ranch, etc.), times, residuals, and various identifiers.

IDC 20:23:55:08.0, 9.5, 15S; 148.02E, h0km, mb4.0/6,
mbmp4.1/9, ML4.3/2, MS4.2/2, Error ellipse: s-maj=26.9km
s-min=19.1km az=104.0
NEIC 20:23:55:10.2, 1.1, 5.16S; 0.08-147.97E; 0.09, h10km, 1km,
mb4.5/15, Error ellipse: s-maj=19.9km s-min=6.5km

Large table of station data for the 1552 period, listing station codes (CROK, CSTR, etc.), station names (Carrier, Hydro, Custer, etc.), times, residuals, and various identifiers.

GCMT 20:23:59:21.9, 0.2, 6'12S; 0.01-113.05E; 0.02, h595km, 1km,
MW5.7/130, Moment Tensor Solution, s130, c237,
Duration: 1s8 Moment tensor: Scale 10^17Nm,
Mn=3.9e2; 06, Mm=3.60e; 12; Mw=0.32e; 14; Mo=2.39e; 13;











20d 23h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like HDA, SOKA, C26K, HFS, G25K, etc.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like GRF, BCAR, ASSE, M27K, etc.

1558

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like FLDN, TOAO, TORO, TORD, etc.





Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like NS1A, CO02, ALBY, ALLE, M53A, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like SJMB, WWT, WVT, M63A, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like LRAL, BB19, U56A, V55A, etc.

Table with columns: SIV, San Ignacio, 157.27 195, PKP, PKPdf, 00 18 14.2 +0.6, etc. Includes stations like Tom-Au,PA,Br, CNGN, CNGN, MATN, etc.

BJI 21 00:05:16.9-0.0, 18:38Sx174.66W, h220km, mb5.0/40, m25.3/19, IDC 21 00:05:20.3-2.1, 18:37Sx175.39W, h217km, 10km, mb4.4/18, mbtmp5.0/21, Error ellipse: s-maj=16.5km, s-min=10.5km az=159.0, NEIC 21 00:05:20.6:1.9, 18:34S:0.09:175.39W:0.0, h213km, 4km, mb5.0/80, Error ellipse: s-maj=13.5km, s-min=12.5km az=172.0, NOU 21 00:05:23.9, 18:42S:175.25W, h255km, mb5.1/46, Tonga Islands, ISC 21 00:05:22.0:0.5, 18:39S:0.06:175.37W:0.05, h234km, 3km, h235km:pp-P, n631, 0996/655, mb4.9/70, 34C-54D, Tonga Islands

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

Main table with columns: DZM, Mont Dzumac, 17.46 255, P, P, 00 09 11.0 +1.1, etc. Includes stations like ONTNC, KOUNC, KOUNC, etc.

Main table with columns: TATO, Taipei, 75.07 303, P, P, 00 16 37.6 -0.9, etc. Includes stations like TATO, YSS, YSS, etc.

21d 0h

2017 SEP

1562

V35K	baz=194,SNR=7.2	82.26	24	P	P	00 17 17.7	+0.8
U3G	Whale Pass	82.30	22	P	P	00 17 17.9	+0.9
DUGK	Dugway, Tooele	82.32	43	P	P	00 17 18.0	+0.2
KNK	Knik Glacier	82.39	13	P	P	00 17 17.8	+0.3
PMR	Palmer	82.42	12	P	P	00 17 16.8	-0.8
TTA	Tatalina	82.47	9	P	P	00 17 18.1	+0.2
TTA	Tatalina	82.47	9	P	P	00 17 18.4	+0.5
I17K	baz=198,SNR=7.8	82.80	6	P	P	00 17 19.8	+0.3
MESA	MESA	82.84	16	P	P	00 17 19.6	-0.5
BMRM	Bremner River	82.86	15	P	P	00 17 19.8	-0.1
J18K	Innoko River	82.88	8	P	P	00 17 20.1	+0.1
SCU	Chullina	82.94	11	P	P	00 17 19.7	-0.5
SCM	Sheep Creek Mo	83.01	13	P	P	00 17 20.3	+0.4
CRQE	Cirque	83.04	15	P	P	00 17 20.6	-0.4
PNL	Peninsula	83.11	17	P	P	00 17 20.7	-0.5
K20K	Telida	83.17	9	P	P	00 17 21.2	-0.3
LLL	baz=200,SNR=5.5	83.20	31	P	P	00 17 22.3	+0.4
WHN	WHN	83.23	305	P	P	00 17 24.3	+1.8
H16K	Elm	83.38	6	P	P	00 17 22.6	+0.2
N25K	Chitina, Valde	83.42	14	P	P	00 17 22.5	-0.3
M24K	Tolsona, Glenn	83.50	13	P	P	00 17 23.3	+0.1
MNTX	Cornudas Mount	83.51	54	P	P	00 17 24.6	+0.7
J19K	Poorman	83.54	9	P	P	00 17 23.7	+0.5
CAST	Castle Rocks	83.55	10	P	P	00 17 22.7	-0.6
P29M	Windy Craggy	83.57	18	P	P	00 17 23.0	-0.6
WAT6	Susitna Watana	83.59	12	P	P	00 17 23.0	-0.6
WAT1	Susitna Watana	83.66	12	P	P	00 17 23.4	-0.6
CTG	Chitna Glacier	83.67	16	P	P	00 17 23.8	-0.4
TIA	Tai'an	83.72	311	P	P	00 17 25.5	+0.6
O28M	Mount Upton	83.81	17	P	P	00 17 24.8	-0.3
TXAR	Lajitas Array	83.83	56	P	P	00 17 27.5	+1.9
O29M	Mount Kennedy	83.87	17	P	P	00 17 25.1	-0.1
TNA	Tin City	83.88	3	P	P	00 17 25.5	+0.5
F14K	Arctic Creek	83.89	4	P	P	00 17 24.9	-0.1
TRF	Thorofare Moun	83.89	11	P	P	00 17 24.6	-0.7
H17K	Granite Mounta	83.91	7	P	P	00 17 24.7	-0.4
J20K	Nowinta River	83.93	9	P	P	00 17 25.1	-0.1
CHUM	Lake Minchuminc	83.94	10	P	P	00 17 24.1	-1.1
GCSA	Galena City Sc	84.08	8	P	P	00 17 26.0	+0.1
G16K	Koyuk River	84.11	5	P	P	00 17 26.1	+0.1
DHY	Denali Highway	84.11	12	P	P	00 17 26.0	-0.4
SKAG	Skagway	84.16	19	P	P	00 17 26.9	+0.4
P30M	Million Dollar	84.19	18	P	P	00 17 27.2	+0.4
F15K	North Star Dit	84.23	4	P	P	00 17 27.6	-0.1
H18K	Honhosa River	84.29	7	P	P	00 17 26.8	-0.2
YUK8	Steele Glacier	84.36	16	P	P	00 17 27.9	+0.1
BPAW	Bear Paw Mtn.	84.37	10	P	P	00 17 27.4	-0.1
MAW	Mawson	84.37	199	P	P	00 17 27.8	+0.2
MAW	Mawson	84.37	199	P	P	00 17 27.8	+0.2
S34M	Telegraph Cree	84.38	22	P	P	00 17 27.5	-0.1
G17K	Kiwaliq Mounta	84.38	6	P	P	00 17 27.6	+0.1
MCK	McKinley	84.40	11	P	P	00 17 26.9	-0.8
I20K	Naaghdeneel	84.46	9	P	P	00 17 27.8	-0.1
M26K	Nabesna, AK	84.49	15	P	P	00 17 28.1	-0.1
YUK3	Moose Creek	84.59	16	P	P	00 17 28.9	0.0
YUK4	Talbot Arm	84.71	17	P	P	00 17 30.4	+0.9
M27K	Edge Creek, AK	84.72	15	P	P	00 17 29.6	+0.1
Q32M	Nakina River	84.77	21	P	P	00 17 29.2	-0.6
P32M	Atlin	84.78	20	P	P	00 17 29.5	-0.2
H19K	Roundabout Mou	84.89	8	P	P	00 17 30.4	+0.5
SEY	Seymchan	84.92	346	P	P	00 17 29.6	-0.6
L26K	Log Cabin Wild	84.95	14	P	P	00 17 30.7	+0.3
L26K	Log Cabin Wild	84.95	14	P	P	00 17 30.6	+0.1
G18K	Tagagawik	84.97	7	P	P	00 17 30.3	-0.1
O30N	Mendenhall	84.97	18	P	P	00 17 30.4	-0.3
BVCY	Beaver Creek	85.02	15	P	P	00 17 31.5	+0.7
H20K	Anotlenegga Mo	85.06	8	P	P	00 17 31.1	+0.2
K24K	Donner Dome	85.09	13	P	P	00 17 30.8	-0.4
H03S2	Juan Fernandez	85.12	124	T	T	01 50 53.0	
H03S1	Juan Fernandez	85.13	124	T	T	01 50 54.0	
H03S3	Juan Fernandez	85.14	124	T	T	01 51 04.9	
DLBC	Dease Lake	85.16	22	P	P	00 17 31.1	-0.5
NEA2	Nenana	85.16	11	P	P	00 17 30.8	-0.6
NEA2	Nenana	85.16	11	P	P	00 17 30.6	-0.8
I21K	Tanana	85.20	10	P	P	00 17 31.6	+0.1
I21K	Tanana	85.20	10	P	P	00 17 31.3	-0.3
WRH	Wood River Hill	85.23	11	P	P	00 17 31.3	-0.5
H03N2	Juan Fernandez	85.24	124	T	T	01 51 03.5	
H03N3	Juan Fernandez	85.24	124	T	T	01 51 10.0	
WHY	Whitehorse	85.25	19	P	P	00 17 32.5	+0.4
H03N1	Juan Fernandez	85.26	124	T	T	01 51 15.4	
MLNY	Manley	85.27	10	P	P	00 17 30.5	-1.5
L27K	Beaver Creek,	85.33	15	P	P	00 17 31.8	-0.5
BCAR	Beaver Creek A	85.35	15	P	P	00 17 32.5	0.0
G19K	Purcell Mounta	85.39	7	P	P	00 17 32.3	-0.3
HDA	Harding Lake	85.39	12	P	P	00 17 31.7	-0.9
CCB	Clear Creek Bu	85.44	12	P	P	00 17 32.5	-0.3
H21K	Melozitna River	85.52	9	P	P	00 17 33.9	+0.7
R33M	Jennings River	85.54	21	P	P	00 17 33.7	+0.1
P33M	Teslin, Yukon	85.55	20	P	P	00 17 34.0	+0.4
I23K	Minto, Yukon-K	85.61	11	P	P	00 17 33.0	-0.6
SCRK	Sand Creek	85.63	13	P	P	00 17 33.4	-0.5
N31M	Braeburn, Yuko	85.64	18	P	P	00 17 34.0	+0.1
COLA	College	85.64	11	P	P	00 17 33.4	-0.3
COLA	College	85.64	11	P	P	00 17 33.7	0.0
MDM	Murphy Dome	85.64	11	P	P	00 17 33.5	-0.3
M29M	Somme Creek	85.67	16	P	P	00 17 34.2	+0.1
IMAR	Indian Mountai	85.73	12	P	P	00 17 33.2	-0.9
ILAR	Eielson Array	85.73	12	P	P	00 17 33.1	-1.1
ILAR	Eielson Array	85.73	12	P	P	00 17 33.5	-0.7
E17K	Hotham Inlet	85.81	5	P	P	00 17 34.1	-0.5
J25K	Salcha River,	85.89	12	P	P	00 17 35.0	-0.1
POKR	Poker Plat Res	85.94	11	P	P	00 17 34.1	-1.1
H22K	Ishlaltina Cre	85.96	10	P	P	00 17 35.0	-0.3
F19K	Shalerucik Mo	85.98	7	P	P	00 17 35.2	-0.1
HNS	HongShan	85.99	311	P	P	00 17 37.1	+1.0
K27K	Chicken	86.10	14	P	P	00 17 36.6	+0.5
BJJ	Beijing	86.17	314	P	P	00 17 38.0	+1.1
J26L	Joseph Creek	86.18	13	P	P	00 17 36.7	+0.2
J26L	Joseph Creek	86.18	13	P	P	00 17 36.7	+0.2
N32M	Quiet Lake	86.19	19	P	P	00 17 36.6	0.0
H23K	Yukon River	86.20	10	P	P	00 17 35.9	-0.6
G21K	Allakaket	86.22	9	P	P	00 17 36.3	-0.3
M30M	Minto, Yukon	86.23	17	P	P	00 17 36.5	-0.3
E18K	Tukpahleark C	86.25	6	P	P	00 17 36.8	+0.1
L29M	L29M	86.30	16	P	P	00 17 37.2	+0.1
LYN	LuoYang	86.39	308	P	P	00 17 38.8	+0.7
F20K	Avarart Lake	86.43	8	P	P	00 17 38.1	+0.5
H24K	Noodor Dome	86.50	11	P	P	00 17 38.8	+0.7
M31M	Drury Creek, Y	86.61	18	P	P	00 17 38.2	-0.4
E19K	Redstone Riv	86.64	7	P	P	00 17 38.3	-0.3
PRP	Porcupine Dome	86.66	12	P	P	00 17 38.3	-0.7
RPSI	Rantau Prapat	86.77	274	P	P	00 17 40.0	-0.5
DAWY	Dawson	86.77	15	P	P	00 17 40.1	+0.8
PSI	Prapat	86.80	274	P	P	00 17 40.7	-0.1
F21K	Alatina River	86.89	8	P	P	00 17 39.8	0.0
G22K	Bettles	86.89	9	P	P	00 17 39.7	-0.1
G23K	Bananza Creek	86.93	10	P	P	00 17 39.9	-0.2
FARO	Faro, Yukon	86.94	18	P	P	00 17 40.0	-0.2
ENH	Enshi	86.94	303	P	P	00 17 41.4	+0.4
ENH	Enshi	86.94	303	P	P	00 17 41.4	+0.4
ENH	Enshi	86.94	303	P	P	00 17 42.5	+1.6
I26K	Coal Creek Min	86.96	13	P	P	00 17 40.1	0.0
K29M	Barlow Dome	87.06	16	P	P	00 17 40.9	+0.1
C17K	DeLong Mountai	87.07	4	P	P	00 17 40.4	-0.2
F22K	John River	87.34	9	P	P	00 17 41.7	-0.3
G24K	Hadweenzic Riv	87.35	11	P	P	00 17 42.0	0.0
COLD	Coldfoot	87.38	10	P	P	00 17 42.4	+0.3
E20K	Nig River	87.52	7	P	P	00 17 42.9	0.0
D19K	Kuna River	87.54	6	P	P	00 17 42.6	-0.3
I27K	Kandik River	87.55	13	P	P	00 17 43.0	0.0
GSI	Gunungsitoli	87.61	272	P	P	00 17 43.8	-0.7
GSI	Gunungsitoli	87.61	272	P	P	00 17 46.1	
GSI	Gunungsitoli	87.61	272	P	P	00 17 45.4	+0.9
G25K	Bearman Lake	87.66	11	P	P	00 17 43.3	-0.1
AMTX	Amarillo	87.66	52	P	P	00 17 39.9	-4.4
GVA	Guyyang	87.79	299	P	P	00 17 46.8	+1.6
I28M	Miner Creek	87.80	14	P	P	00 17 43.6	-0.7
MMPY	Sheldon Lake,	87.87	19	P	P	00 17 44.3	-0.3
D20K	Etiwuk River	87.91	7	P	P	00 17 44.7	+0.1
J30M	Hart River	87.96	16	P	P	00 17 45.0	-0.1
E21K	Killik River	87.97	8	P	P	00 17 44.9	



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM, ONTNO, NOUC, KOUNC, RAR, OUZ, TAR, PPT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KMRM, USA0B, USRUK, SII, YES, MURC, BFSC, EDW2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RC01, M20K, PGC, PGC, PWL, PWL, SUA, U15A, J16K, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like G18K Tagagawik, S34M Telegraph Cree, H417 Haines Junctio, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like C19K Lookout Ridge, E21K Killik River, I28M Miner Creek, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like NOA NORSAR Array B136.88 354, NC602 NORSAR Array S137.14 353, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLD, RICC, MAUC, MESR, HSCK, CBR, CDR, CJB, MDJB, BUG, MMAI, SWNI, LTVH, KASTN, PRA, MRR, PRO, GOPC, VOIR, PLNN, TANN, WERD, YNHS, GUNZ, JAVC, WERN, PSZ, NSZ, PKC, KRUC, ZVC, BSZ, LOTZ, MODS, HUMR, ROTZ, MEM, BTEL, GCS, GSTI, SIRR, TNS, ZST, GR1, GRF, BCLA, BHO, KHC, KSP, KHC, KHC, BGES, SZH, GZR, SARR, CKRC, BMRD, GEC2, GEC2, GERES, GERES, GERES, GERES, RCHB, DOU, VLAD, BZS, CONA, CONA, ROSA, ROSA, RONA, HERR, WLF, WLF, WLF, MOA, MORH, DIM, JSA, MPPE, ARSP, ARSA, BIOA, BIOA, BIOA, FUR, ELL, KZZ, RDO, BFO, LESA, LESA, RZN, SOKA, SOKA, PERS, BOVS, VTS, KBA, KBA, ECH, LOBO, UBR, WATA, WATA, TEKS, RETA, RETA, OBKA, OBKA, OBKA, WTTA, MOTA, MYKA, DIVS, DIVS, DIVS, SOTA, MMB.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABTA, CRES, DAVA, KKB, LJU, LJU, FETA, BBLs, BOJ, BLY, CEV, CEV, SADO, SADO, SADO, ARG, STIP, SKDS, MGRS, VAY, SKO, CTI, TUE, SRKY, UPM, UDBI, KLVJ, SENI, TRB, DRME, FNA, STON, GSB, BNO, PBGR, POLO, MVO, MTE, PMRV, PMTG, EVO, ESDC, ESDC, ESDC, KEST, TORD, TORD, TORD.

IDC 21 00:44:04.1-7.9, 14.32N-93.19W, h0km, mb3.4/3, mbtm3.4/4, ML3.7/1, MS4.1/1, Error ellipse: s-maj=226.2km s-min=120.1km az=43.0

MEX 21 00:44:16.2-1.6, 15.01N-93.59W, h23km, 32km, MD4.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG, PCIG, CARR, CARR, PATR, PATR, PAVE, PAVE, CHJU, CHJU, TGIG, TGIG, NILT, NILT, CGIG, CGIG, UJUV, UJUV, HUIG, HUIG, NEUV, NEUV, VISTA, VISTA, VHO, VHO, TEIG, TEIG, TXAR, TXAR, PDAR, PDAR, NVAR, NVAR, ILAR, ILAR.

GCG 21 01:11:19.3-3.1, 16.00N-95.10W, h50km, MD4.1

MEX 21 01:11:42.0-0.7, 14.98N-93.58W, h24km, 25km, MD3.5

ISC 21 01:11:40.1-1.1, 15.17N-93.57W, h30km, 11km, n82, r158/93, mb4.2/20, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCIG, PCIG, PATR, PATR, PAVE, PAVE, CHJU, CHJU, TGIG, TGIG, CGIG, CGIG, UJUV, UJUV, HUIG, HUIG, NEUV, NEUV, VISTA, VISTA, VHO, VHO, TEIG, TEIG, TXAR, TXAR, PDAR, PDAR, NVAR, NVAR, ILAR, ILAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MATN, ORTG, DUNO, RIMA, RIMA, TXAR, TXAR, TX31, TX32, OZNA, OZNA, 553A, 553A, SGCV, SGCV, 425A, 425A, LRAL, LRAL, SN01, SN01, MIAR, MIAR, X37A, X37A, MINTX, MINTX, FNO, FNO, MSTX, MSTX, TUL3, TUL3, LCAR, LCAR, AMTX, AMTX, HHAR, HHAR, QUOK, QUOK, OK051, OK051, 121A, 121A, T35A, T35A, V53A, V53A, SIUC, SIUC, CBM, CBM, CBX, CBX, K43A, K43A, RDMU, RDMU, J47A, J47A, SUSD, SUSD, F36A, F36A, PDAR, PDAR, PDAR, PDAR, WSPT, WSPT, SNOW, SNOW, NVAR, NVAR, J08A, J08A, J08A, J08A, PLID, PLID, LPAZ, LPAZ, M29M, M29M, M29M, M29M, ILAR, ILAR, ILAR, ILAR, BMAR, BMAR, TRF, TRF, BPAW, BPAW, MLY, MLY, MLY, MLY, N19K, N19K, K20K, K20K, JMJC, JMJC, NOA, NOA, ARCES, ARCES, CMAR, CMAR.

IDC 21 01:19:37.9-0.4, 10.42N-125.50E, h97km, 3km, mb4.0/27, mbtm4.4/32, MS3.1/1, Error ellipse: s-maj=18.4km s-min=7.8km az=69.0

DJA 21 01:19:37.9-0.7, 11.1N-5.12E, h95km, 6km, M4.9/12, mb5.8/3, mb4.8/12, Mw(mb)5.4/3

NEIC 21 01:19:38.9-1.2, 10.42N-125.5E, h95km, 8km, mb4.6/32, Error ellipse: s-maj=17.1km s-min=10.4km az=67.0

ISC 21 01:19:37.9-0.5, 10.41N-125.56E, h96km, 4km, h96km, 4km, h96km, 4km, h96km, 4km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV, DAV, DAV, DAV, TGAY, TGAY, GTOI, GTOI, TOL2, TOL2, SIJI, SIJI, TTSI, TTSI, SBUM, SBUM, KAPI, KAPI, KAPI, KAPI, SMPI, SMPI, GUMO, GUMO, JAY, JAY, JAGI, JAGI, JAGI, JAGI, WOJI, WOJI.



1567

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like Kununurra, Chiangrai, Liwa, etc.

2017 SEP

Table with columns: I28M, IAMB, IAMB, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like Spitsbergen Ar, Arces, Keskin Array B, etc.

21d 1h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like Wulai, Datong, Xindian Distri, etc.





21d 2h

Table of astronomical observations for 21d 2h, listing stations like ZALV, KIBK, KJCV, etc., with columns for station name, coordinates, and observation details.

2017 SEP

Table of astronomical observations for 2017 SEP, listing stations like VRAC, KRUC, VRCO, etc., with columns for station name, coordinates, and observation details.

1570

Table of astronomical observations for 1570, listing stations like CHBI, CHBI, ULGR, etc., with columns for station name, coordinates, and observation details.

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, KNRA Kunurra, STKA Stephens Creek, etc.

ADC 21 02:43:23.4, 3.0, 5.24s, 147.88E, h76km, 34km, mb3.4/6, mbmp3.8/9, MS3.1/5, Error ellipse: s-maj=37.17km

ISC 21 02:43:21.5-0.8, 5.12S, 105.09E-147.8E, 0.1, h50km, n20, r133/12, mb3.6/6, MS2.9/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, KRVT Keravat, CTA Charters Tower, etc.

NEIC 21 03:06:30.0, 1.0, 35.03N, 0.0, 197.65W, 0.03, h4km, 5km, Error ellipse: s-maj=3.8km s-min=0.7km az=120.0

TUL 21 03:06:29.6, 1.2, 35.04N, 0.02, 97.62W, 0.03, h5km, 4km, ML2.5, mb Lq2.3/3S(NEIC), ML2.3/2(NEIC), Error ellipse: s-maj=4.0km s-min=1.4km az=126.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FNO Franklin, OKCSW OKLAHOMA CITY, X34A Smith Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMOK Wichita Mounta, CSTR Hydro, Custer, etc.

SOME 21 03:08:10.0, 1.41, 62N, 71.72E, h10km, KRNET 21 03:08:10.0, 1.41, 78N, 71.62E, h12km, mb2.4

NNC 21 03:08:10.1, 3.2, 41.48N, 71.53E, h0km, mb2.5, mpv2.3, Error ellipse: s-maj=31.9km s-min=7.8km az=21.0

ISU 21 03:08:11.7, 4.1, 49N, 71.48E, h30km, ISU 21 03:08:11.2, 1.2, 41, 75N, 0.03, 71.66E, 0.03, h7km, 11km, n18, r156/33, 13C-13D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARK Arkit, MNAS Manas, CHMG Chimgan, etc.

ADC 21 03:10:14.7, 9.6, 3.12S, 147.05E, h0km, mb3.2/3, mbtmp3.3/3, Error ellipse: s-maj=323.7km s-min=36.9km az=98.0, Bismarck Sea

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

GEN 21 03:17:52.0, 4.4, 40N, 7.03E, h7km, M1.9, ROM 21 03:17:52.1, 0.2, 44.384N, 0.005, 7.04E, 0.1, h7km, ML2.1/42, Error ellipse: s-maj=1.0km s-min=0.1km az=61.0

LDG 21 03:17:52.9, 0.1, 44.42N, 7.04E, h2km, ML2.5/27, Error ellipse: s-maj=1.5km s-min=1.1km az=52.0

STR 21 03:17:52.9, 0.2, 44.41N, 7.04E, h4km, 3km, MLV2.4/42, 1C-2D, Error ellipse: s-maj=0.8km s-min=0.0km az=54.5, preliminary, Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PZZ Stroppio, ENR Entracque, BHB Bricherasio, etc.

Table with columns: Station Name, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESCA l'Escarene, MGRO Montegrosso, BNY Bardonecchia, BURY Giardini Botan, etc.

Table with columns: Station Name, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROTM comp=N,648um,0.3s, ROTM comp=E,474um,0.4s, ROTM comp=N,648um,0.3s, etc.

Table with columns: Station Name, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHR Ohrid, TIR Tirane, KBN Korca, VLO Vlora, FNA Florina, etc.

ATH 21 03:25:54.0, 41:51'N-20:43'E, h33km, 6km, ML3, 0/6, Manual Solution by S.Liakopoulos First location: 2019/05/30 08:37:35, This location: 2019/05/30 08:37:01 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 6 km; Longitude uncertainty: 2 km

IDC 21 03:25:58.4±0.2, 54°28'N-169°34'E, h0km, mb3, 1/2, mbtmp3.3/4, ML3.3/2, Error ellipse: s-maj=54.6km s-min=33.0km az=177.0 KRSC 21 03:26:02.9±2.4, 54°02'N-168°51'E, h22km, 9km, ML3, 8 ISC 21 03:26:00.8±1.0, 54°0N:01:169°15E:0°06, h25km, n22, ±2°03/23, Komandorski Islands region







Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KKR Karatay Array, SORM Soroca, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, HSKO Hora Svatec, WATA Walderalm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SEDI comp=E,14nm,0.4s, TEVE Tevekall-Mers, etc.

21d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, AFI, AFM, AFN, LIFNC, PINNC, etc.

DNK 21 05:34:18.4.2.59.62N:22.38E, hOkm, ML2.2, Suspected explosion
HEL 21 05:34:20.1.0.1.59.78N:22.28E, hOkm, ML2.3, Explosion
IDC 21 05:34:20.7.1.7.59.85N:22.30E, hOkm, mbtm2.8/4, ML2.1/4, Error ellipse: s-maj=24.6km s-min=6.9km s-z=156.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EE01, MEF, MEF, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MTSE, HEL2, HEL1, HEL4, etc.

NEIC 21 05:34:35.6.0.3.37.35N:0.01.98.14W:0.01, h5km, 1km, mb Lg/2.7, ML2.7/47, Error ellipse: s-maj=2.4km s-min=2.1km az=182.0, Kansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KAN12, KAN12, KAN12, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OK048, OK048, OK048, etc.

DNK 21 05:36:06.9.1.9.59.39N:22.71E, hOkm, ML2.8(UPP), Suspected explosion
IDC 21 05:36:11.8.1.3.59.72N:22.42E, hOkm, mb3.2/1, mbtm3.2/5, ML2.6/4, Error ellipse: s-maj=19.7km s-min=7.5km az=150.0

HEL 21 05:36:12.8.0.1.59.74N:22.29E, hOkm, ML2.3, Explosion
UPP 21 05:36:14.1.1.0.59.74N:22.04E, hOkm, ML2.8

ISC 21 05:36:11.2.0.7.59.82N:0.03.22.34E:0.02, hOkm, n36, 1945/52, Baltic States-Belarus-Northwestern Russia

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MEF, AAL, RAU, etc.

IDC 21 05:59:22.8, 1.8, 7.03S, 128.51E, h0km, mb3.6/1, mbtmp3.5/4, ML3.6/3, Error ellipse: s-maj=61.0km

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

ROM 21 06:19:02.3, 0.2, 42.42'N, 0.02, 15.22E, h10km, ML2.5/24, Error ellipse: s-maj=2.1km s-min=1.4km

ISC 21 06:19:02.1, 0.9, 42.41'N, 0.03, 15.22E, h10km, n48, 0.56/41, Adriatic Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like APRC, MELA, SGRT, CIGN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MIRA, MIDA, INTR, etc.

IDC 21 06:26:04.0, 1.1, 25.15'N, 126.93E, h0km, mb3.7/4, mbtmp3.7/5, ML2.8/1, Error ellipse: s-maj=32.6km

JMA 21 06:26:07.2, 0.2, 25.15'N, 0.9, 127.1E, 0.9, h65km, MV3.1/17, NEAR OKINAWAJIMA ISLAND

ISC 21 06:26:06.5, 0.9, 25.02'N, 126.95E, h127.15E, 0.04, h28km, n19, 1.15/29, mb3.6/4, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JTT, JKE, JAGN, etc.

IDC 21 06:29:24.4, 8.6, 17.46'N, 145.95E, h194km, 44km, mb3.4/4, mbtmp3.9/5, Error ellipse: s-maj=80.7km s-min=75.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUMO, SIJ, WRA, ASAR, STKA, etc.

IDC 21 06:34:02.5, 1.3, 59.74'N, 22.38E, h0km, mb3.2/1, mbtmp3.2/5, ML2.6/4, MS3.3/1, Error ellipse: s-maj=18.4km

DNK 21 06:34:03.1, 0.7, 59.83'N, 22.30E, h0km, ML2.9(UPP), Suspected explosion

UPP 21 06:34:03.5, 1.2, 59.81'N, 22.21E, h0km, ML2.9, HEL 21 06:34:03.0, 0.7, 59.76'N, 22.28E, h0km, ML1.7, Explosion

ISC 21 06:34:00.9, 0.7, 59.81'N, 0.04, 22.28E, h0km, n35, 1.15/17, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MEF, AAL, RAU, etc.

BER 21 06:35:01.2, 1.4, 59.67'N, 22.67E, h0km, ML2.0, Suspected explosion

IDC 21 06:35:02.8, 2.5, 59.75'N, 22.48E, h0km, mbtmp3.1/4, ML2.5/4, Error ellipse: s-maj=38.4km s-min=9.0km

HEL 21 06:35:03.1, 0.1, 59.76'N, 22.29E, h0km, ML2.4, Explosion

DNK 21 06:35:04.7, 1.6, 59.64'N, 21.99E, h0km, ML2.7(UPP), Suspected explosion

UPP 21 06:35:05.7, 0.9, 59.74'N, 21.85E, h0km, ML2.7, ISC 21 06:35:00.7, 0.7, 59.80'N, 0.04, 22.22E, h0km, n51, 1.15/17, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MEF, AAL, RAU, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NYNU, UPP, FIBU, FIAO, BORU, DEL, NC303, NOA, STRU, BSD, TBLU, SKAR, HOMB, etc.

UPP 21 06:36:09.3±0.5, 59.74N±21.86E, h0km, ML2.4
DNK 21 06:36:14.8±0.8, 59.73N±21.15E, h0km, ML2.4(UPP),
Suspected explosion

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MEF, AAL, RAF, NRTU, GRAU, SLIT, FORU, FLYU, NYNU, UPP, FIBU, etc.

IDC 21 07:02:28.6±2.5, 53.61E±87.01E, h0km, mbmp2.7/2,
ML2.4/2, Error ellipse: s-maj=21.3km s-min=13.2km
az=79.0, Southwest Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, etc.

IDC 21 07:02:48.4±4.5, 11.60S±167.14E, h0km, mb3.5/3,
mbmp3.5/3, Error ellipse: s-maj=173.3km
s-min=27.8km az=133.0, Santa Cruz Islands

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

0.3nm, 0.8s, baz=230, slow=5.1, SNR=2.5
0.3nm, 0.8s

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

IDC 21 07:09:26.9±2.6, 16.82S±174.57W, h246km, 17km, mb3.4/6,
mbmp4.1/9, Error ellipse: s-maj=88.7km s-min=13.3km
az=151.0

NOU 21 07:09:27.4, 16.53S±174.54W, h276km, MLv4.9/6, Tonga
NEIC 21 07:09:28.0±1.2, 16.82S±174.58W±0.09,
h235km, 6km, mb4.3/17, Error ellipse: s-maj=15.4km
s-min=8.0km az=138.0

ISC 21 07:29:0.5, 16.58S±108.174.58W±0.08, h250km,
n61,±160/56, mb4.1/15, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI, NIUE, TAVE, DGTI, MSVF, YSA, GLKZ, PINNC, DZM, MXZ, KUZ, WMGZ, HAZZ, MKAZ, MWZ, URWZ, RIGZ, MUZ, RTZ, etc.

SNZG Shannon Statio 23.22 196 P P 07 14 13.8 ±0.8
KNZ Kokohu 23.36 195 P P 07 14 17.3 ±3.1
RAHZ Aarahi 23.41 197 P P 07 14 15.3 ±0.5

WBR Warramunga Arr 48.46 258 P P 07 17 44.5 ±1.4
WRA Warramunga Arr 48.46 258 P P 07 17 46.0 ±0.1

ASAR Alice Springs 48.67 253 P P 07 17 45.0 ±2.4
SBA Scott Base 61.99 184 P P 07 19 22.4 ±1.2
JNU Nakatsue 71.78 314 P P 07 20 25.7 ±2.2

YJU Yonaguni 73.26 303 P P 07 20 33.4 ±1.0
QSPA South Pole Qui 73.47 180 P P 07 20 35.3 ±2.3
KMRM Mail Ridge 73.69 38 P P 07 20 37.0 ±2.4

CMB Columbia Colle 74.40 42 P P 07 20 39.9 ±1.2
NVR Milna Array Bea 75.97 42 P P 07 20 49.0 ±1.2

KVN Kaiserville 76.45 42 P P 07 20 51.8 ±1.3
BMN Battle Mountai 77.79 41 P P 07 20 52.5 ±1.4

425A Indio Mountain 81.77 55 P P 07 21 20.6 ±1.2
TXAR Lajitas Array 82.21 56 P P 07 21 21.5 ±0.2

TPAW Teton Pass 83.37 41 P P 07 21 28.2 ±0.6
SNOW Snow King Mount 83.48 41 P P 07 21 29.4 ±1.4

IMW Indian Meadow 83.58 41 P P 07 21 30.5 ±1.9
ILAR Eielson Array 83.82 12 P P 07 21 28.1 ±0.8

PDAR Pinedale Array 83.90 42 P P 07 21 30.1 0.0
H03S2 Juan Fernandez 85.50 124 T T 08 55 28.2

H03S1 Juan Fernandez 85.51 124 T T 08 55 28.9
H03S3 Juan Fernandez 85.51 124 T T 08 55 28.9

H03N2 Juan Fernandez 85.61 123 T T 08 55 30.5
H03N3 Juan Fernandez 85.61 123 T T 08 55 35.9

H03N1 Juan Fernandez 85.62 123 T T 08 55 12.3
TNCH TengChong 91.44 295 eP P 07 22 14.4 ±4.6

ARCES ARCES Array B 125.61 351 PKP PKPdf 07 27 58.9 0.0
CLL Collim 144.83 352 i PKP P 07 28 35.0 ±0.3

BRTR Keskin Array B 146.33 319 PKPbc PKPbc 07 28 39.1 ±0.6
ESDC Sonseca Array 155.58 18 PKPab PKPab 07 29 19.9 ±0.6

SJA 21 07:12:07.5±0.8, 39.48S±75.59W, h10km, MW4.3
IDC 21 07:12:38.9±0.7, 37.97S±73.64W, h0km, mb4.2/10,
mbmp4.2/14, ML3.9/4, MS3.7/26, Error ellipse:
s-maj=20.9km s-min=13.7km az=81.0

NEIC 21 07:12:40.1±1.2, 37.90S±73.70W±0.1, h10km±1km,
mb4.9/30, Mw4.8(GUC), Error ellipse: s-maj=13.8km
s-min=8.1km az=269.0

n182,±196/173, mb4.6/22, MS3.8/24, 3C-1D, Near coast
of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like B104, B104, B105, B105, B105, etc.

LR02 Universidad A 1.88 170 eP Sn 07 13 12.0 ±0.5
LR02 Universidad A 1.88 170 eP Sn 07 13 35.7 ±0.4

LR04 Corral 1.93 174 eP Pn 07 13 11.9 ±3.9
LR04 Corral 1.93 174 eP Pn 07 13 12.4 ±0.8

LR03 Panguipulli 1.97 148 eP Pn 07 13 14.7 ±0.8
LR03 Panguipulli 1.97 148 eP Sn 07 13 32.7 ±0.7

GO05 Curarehue 2.37 134 Pn Pn 07 13 19.8 ±0.3
GO06 Curarehue 2.37 134 Pn Pn 07 13 20.6 ±1.2

LR05 Currie 2.62 151 Pn Pn 07 13 24.5 ±1.8
LR05 Currie 2.62 151 Pn Pn 07 13 25.2 ±0.8

ML02 Panimavita 2.84 40 eP Sn 07 13 25.4 ±0.4
ML02 Panimavita 2.84 40 eP Sn 07 13 25.8 ±0.0

LL04 Puerto Octay 3.11 162 Pn Pn 07 13 28.8 ±0.6
LL04 Puerto Octay 3.11 162 eP Pn 07 13 29.0 ±0.4

GO05 Huala 3.26 26 Pn Pn 07 13 30.9 ±0.6
GO05 Huala 3.26 26 eP Pn 07 13 31.0 ±0.6

LL03 Petrohue 3.33 163 eP Pn 07 13 33.1 ±0.6
LL03 Petrohue 3.33 163 eP Pn 07 13 33.1 ±0.6

PLCA Paso Flores 3.69 140 Pn Pn 07 13 38.3 ±0.8
PLCA Paso Flores 3.69 140 eP Pn 07 13 36.8 ±0.7

PLCA Paso Flores 3.69 140 Pn Pn 07 13 38.0 ±0.6
PLCA Paso Flores 3.69 140 eP Pn 07 13 38.0 ±0.6

BO03 Pichilemu 3.72 22 Pn Pn 07 13 36.7 ±1.2
BO02 Sierra Bellavi 3.93 37 Pn Pn 07 13 39.8 ±1.1

BO02 Sierra Bellavi 3.93 37 eP Pn 07 13 40.5 ±0.3
BO01 Tunca 4.13 31 Pn Pn 07 13 42.7 ±0.8

BO01 Tunca 4.13 31 eP Pn 07 13 42.9 ±0.6
LL06 Loncomilla 4.25 179 Pn Pn 07 13 45.4 ±0.2

LL06 Loncomilla 4.25 179 eP Pn 07 13 44.2 ±0.9
LL01 San Ignacio de 4.52 168 eP Pn 07 13 49.4 ±0.5

MT01 Popeta 4.54 27 Pn Pn 07 13 48.7 ±1.9
MT01 Popeta 4.54 27 i P Pn 07 13 48.7 ±1.9

VA05 Santo Domingo 4.61 22 Pn Pn 07 13 47.7 ±2.3
BO04 La Punta 4.68 33 Pn Pn 07 13 50.1 ±1.0

MT09 Talagante 4.71 28 Pn Pn 07 13 50.4 ±1.2
LMEL Las Melosas 4.98 36 Pn Pn 07 13 55.0 ±0.3

MT13 San Alfonso 5.03 34 Pn Pn 07 13 55.0 ±0.9
MT02 Curacav 5.12 25 i P Pn 07 13 55.0 ±1.2

MT03 Universidad Ad 5.15 31 Pn Pn 07 13 56.4 ±1.2
MT03 Universidad Ad 5.15 31 i P Pn 07 13 57.3 ±0.3

MT03 Rencu 5.15 29 eS Sb 07 15 16.7 ±4.3
MT05 Rencu 5.15 29 i P Pn 07 13 55.7 ±1.8

GO07 Milladue Hill, 5.15 180 Pn Pn 07 13 58.4 ±0.9
PEL Peldehue 5.39 28 Pn Pn 07 13 59.2 ±1.6

ROCI El Roble 5.42 24 Pn Pn 07 14 00.3 ±1.2
VA03 San Esteban 5.78 27 Pn Pn 07 14 05.1 ±1.1

H03S1 Juan Fernandez 5.90 313 T T 07 20 02.3
H03S3 Juan Fernandez 5.92 313 T T 07 20 00.6

H03S2 Juan Fernandez 5.92 313 T T 07 20 01.9
H03S2 Juan Fernandez 5.92 313 T T 07 20 01.9

VA04 Juan Fernnde 6.00 314 Pn Pn 07 14 08.3 ±0.9
CO02 Combarbal 7.09 19 Pn Pn 07 14 22.1 ±2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRCB Terra Rica, BBSD Serra de San D, PANT Pantanal, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EOSE2, EOSE2, EOSE2, etc.

Table with columns: BRZS, OTUK, BVA0, BVA0, BRVK, BRVK, KURBB, KURKB, KURKB, SEM, SEM, MAKZ, MK31, ARXS, ARXS, KTBS, KTBS, ZSN, ZSN. Includes station names, coordinates, and status.

THE 21 07:36:35.7, 39°53'N, 26°04'E, h12km, 1km, ML2.7/7, Error ellipse: s-maj=1.3km s-min=0.6km az=107.0

DDA 21 07:36:35.9, 39°54'N, 26°03'E, h9km, 1km, ML3.1

ISK 21 07:36:35.3, 39°54'N, 26°02'E, h7km, ML2.9/22

ISK 21 07:36:35.6, 39°54'N, 26°03'E, h12km, 5km, n64, 0938/97, Turkey

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations from KOCA to SMG.

Main station list table with columns: SMG, Samos, 1.93 161 P, Pn, 07 37 08.0 -0.3. Lists stations from IDC 21 07:40:08.8 to EVAR.

Main station list table with columns: 0.1nm, 0.3s, baz=70, slow=24, SNR=4.6, 1.2nm, 0.4s. Lists stations from GII 21 08:27:10.3 to AKAS.

Table with columns: Code, Station Name, Az, El, P, S, M, L, R, Time, Res, h, m, s, ISC. Includes stations like HRKL, CAME, AYDN, GZelcam!, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, L, R, Time, Res, h, m, s, ISC. Includes stations like MDBI, MSBI, ZFRI, etc.

Table with columns: Code, Station Name, Az, El, P, S, M, L, R, Time, Res, h, m, s, ISC. Includes stations like EOSS, EOS3, TWC, etc.

IDC 21 08:27:55.2, 1.5700N, 125.94E, h0km, mb3.7/4, mbtmp3.7/4, MS2.6/1, Error ellipse: s-maj=208.7km

s-min=23.6km az=66.0, Mindanao

Table with columns: Code, Station Name, Az, El, P, S, M, L, R, Time, Res, h, m, s, ISC. Includes stations like JOW, WRA, ASAR, etc.





Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like H21K, MESA, POKR, etc.

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like RAO, DZM, CTA, STKA, etc.

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like XNQ, XNQ, QAR, etc.

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like PMG, PMG, JAY, etc.

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like UNCR, QZX, GDB, etc.

Table with columns: ICAO, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations like ATGJ, VLKR, VLKR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARNR Ardon, BTKR Batakoyurt, ARUZ Aruch, HYR Heyderabad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array, KURBB Kurchatov, KURK Kurchatov, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZEDA, RFT1 Sazil, RFT2 Bozaccaga, BLBC Balcova, etc.



21d 10h

Table of astronomical observations for the 21-day 10-hour period, including station names like I30M, K30M, and various object names.

2017 SEP

Table of astronomical observations for the month of September 2017, listing stations such as BMAR, L18K, M17K, and various object names.

1586

Table of astronomical observations for station 1586, listing stations like LBTB, MUSN, and various object names.

Observation notes and coordinates: IDC 21 10:26:58.2,0.8,9:20S; 159.19E, h0km, mb3.9/7, mtbpm3.9/9, ML3.5/2, MS3.2/9, Error ellipse: s-maj=24.1km...

Islands region

Table of astronomical observations for the Islands region, listing stations like HNR, RABL, DZM, PINNC, CTA, CTAO, JAY, MSVF, YKA, YKO, E20K, S12K, C36M, D20K, E17K, C18K, UNV, NEW, PDAR, TXAR, TKL, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, MKAR, WRAC, DAV, CMAR, G30M, G29M, G27K, P17K, N18K, G31M, K20K, WRGLY, G26K, N18K, N17K, and various object names.

Observation notes and coordinates: EAF 21 10:22:09.2, 26:39S; 29:71E, h10km, MC3.7 BUL 21 10:22:10.8, 1.4, 26:34S; 29:58E, h10km, MD3.9...

IDC 21 10:39:26.6:1.3, 32.02N:0.0707E, h0km, mb3.9/10, mbmp3.9/15, ML3.8/5, MS2.4/1, Error ellipse: s-maj=28.5km s-min=18.5km az=166.0

TEH 21 10:39:27.9:3.1, 34.9N:0.21E, h8km, ML3.7  
NEIC 21 10:39:29.1:2.0, 31.87N:0.09:50.01E:0.09, h10km, 1km, mb4.1/11, Error ellipse: s-maj=15.4km s-min=13.3km az=195.0

ISC 21 10:39:29.1:0.5, 31.95N:0.04:50.14E:0.03, h15km, n71, e197/74, mb4.1/15, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AMIS Naft Sefid, IBRJ Brojen, IPHR Pirpir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PAVE Tuxtla Gutieri, CHUJ Union Juarez, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GUMO Guamo, YULB Yu-li, TPUB Ta-pu, etc.

IDC 21 10:50:18.0:1.5, 34.8N:127.05E, h85km, 13km, mb3.9/16, mbmp4.3/19, MS2.9/11, Error ellipse: s-maj=23.7km s-min=8.3km az=67.0

DJA 21 10:50:18.0:4.3, 34.8N:127.05E, h71km, 5km, MA, 7/17, mb5.2/9, mb4.8/17, MLV4.7/14, Mw(mb)4.6/9

NEIC 21 10:50:18.2:2.4, 34.4N:0.07:127.00E:0.10, h86km, 8km, mb4.6/36, Error ellipse: s-maj=14.9km s-min=8.6km az=67.0

ISC 21 10:50:19.1:0.4, 34.3N:0.05:126.95E:0.07, h100km, n88, e154/79, mb6.5/31, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BRTR Keskin Array B, CHGR Chuyangaron, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PDAR Pinedale Array, ELK Elko, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like NRK Norik'sk, NRK Norik'sk, ABKAR Akbulak array, etc.

IDC 21 10:59:48.6:1.7, 15.00N:93.18W, h0km, mb3.7/7, mbmp3.7/8, ML3.9/1, MS3.3/2, Error ellipse: s-maj=98.9km s-min=25.0km az=56.0

NEIC 21 10:59:54.4:2.7, 14.80N:0.08:94.24W:0.04, h34km, 6km, mb4.1/15, Md4.2/24(MEX), Error ellipse: s-maj=11.5km s-min=5.8km az=191.0

MEX 21 10:59:55.8:1.7, 14.88N:94.13W, h20km, 28km, Md4.2  
ISC 21 10:59:51.7:3.2, 14.79N:0.06:94.22W:0.03, h17km, 22km, n49, e193/61, mb3.6/11, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PCIG Santiago Nilte, NIPT Santiago Nilte, THIG, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like I21K Tanana, MLY Manley, TRF Thorafore Mountain, etc.

NNC 21 11:08:25.6:5.6, 38.05N:70.34E, h0km, mb3.2, mpv2.6, Error ellipse: s-maj=56.0km s-min=54.5km az=121.0  
KRNET 21 11:08:34.0:1.1, 39.17N:69.79E, mb3.0  
ISC 21 11:08:34.1:1.0, 39.11N:0.07:69.85E:0.08, h10km, n10, e206/19, 14C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CHGR Chuyangaron, BTK Batken, BTK Batken, etc.





21d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, and various station details like frequency and power.

DSN 21 11:27:28.4+1.6,28.08N,56.58E,h10km,ML3,2/5,Error ellipse: s-maj=67.5km s-min=12.5km az=92.0

TEH 21 11:27:36.0,27.40N,56.10E,h8km,14km,ML3,4

Main station list table for 21d 11h, including stations like Genu, Bandar-abas, Kahnooj, etc.

NEIC 21 11:38:40.8-0.8,37.43N,0.04-0.98,16W,0.02,h15km,8km,m\_b,lg\_2.4/15,ML2,8/3,Error ellipse: s-maj=5.0km

Main station list table for NEIC 21, including stations like Harper Ne Sta, Anthony Ne Sta, Argonia West S, etc.

2017 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, and station details.

Main station list table for 2017 SEP, including stations like Arriaga, Santiago Nilte, Union Juarez, etc.

1590

Main station list table for 1590, including stations like Cornudas Mount, Woolly Hollow, Wichita Moun, etc.





21d 12h

Table with columns: Station, Name, Az, El, SNR, and other parameters. Includes stations like WATI, PRP, HDA, E27K, Q20K, G26K, OHAK, IL31, ILAR, ILAR, ILAR, M22K, CAPN, SUA, H25L, MCK, CUT, POKR, D27M, COLA, COLA, COLA, COLA, F26K, MDM, G25K, R18K, P19K, SKT, N20K, NEA2, SPCR, TRF, CM01, H24K, H24K, F25K, KTH, I23K, G24K, E25K, O18K, BPAW, PPLA, C27K, O19K, M20K, M20K, H23K, H23K, CAST, CAST, MLY, MLY, P18K, Q17K, F24K, N19K, N19K, R17K, O18K, CHUM, C26K, RIB01, M19K, G23K, D25K, E24K, Q16K, I21K, I21K, P17K, H22K, CAM01, L19K, N18K, COLD, R16K, K20K, K20K, E23K, CHGN, O17K, J20K, H21K, G22K.

2017 SEP

Table with columns: Station, Name, Az, El, SNR, and other parameters. Includes stations like D24K, TOLK, TOLK, CHNA, N17K, P16K, C24K, I20K, TTA, TTA, O16K, L18K, F22K, J19K, M17K, G21K, D23K, E22K, H20K, SDPT, F21K, J18K, C23K, N16K, EUNU, L17K, O15K, M16K, D22K, GCSA, K17K, H19K, E21K, N15K, F20K, L16K, G19K, M15K, C21K, H18K, B22K, B21K, E20K, N14K, E19K, F19K, G18K, FALS, D20K, J16K, M14K, H17K, I17K, K15K, A22K, D19K, L14K, G17K, B20K, M13K, A21K, H16K, F17K, E18K, C19K, J14K, G16K, E17K, C18K, K13K, UNV, RDOG, M11K, ALE, ALE, ALE, F15K, C17K, N1K, N1K, C16K, TNA, SPIA, GAMB, JMJC.

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Table with columns: Station, Name, Az, El, SNR, and other parameters. Includes stations like EKA, EKA, EKA, SPITS, SPITS, ESDC, ESDC, MDT, PMSA, NB2, NOA, NOA, ARCES, ARCES, DAVOX, TIXI, GERES, FINES, FINES, VRAC, TORD, MSVF, NACGM, NRIK, AKASG, KIRV, SONM, MKAR, BOSA, KSH, STKA, STKA, WRA, ASAR, ASAR, PZH, KMI, CMAR, CMAR, IDC 21 12:02:03.5-1.8, IDC 21 12:02:04.2-1.2, Code, Station Name, Az, El, SNR, Phase ID, Time Res, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MULG, BBOO, GEXS, TOLFI, etc.

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

DJA 21 12:26:04.0:0.3, 1'S:3:12'0E, h10km, M3.1/6, MLv3.1/6, Sulawesi

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

Code Station Name Az Az' Phase ID Time Res

Main table for page 1593, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, FINES, NOA, AKASG, etc.

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

IDC 21 13:08:15.1:0.7, 1'12S:136'43E, h0km, mb4.1/11, mbmp4.1/14, ML3.8/3, MS3.3/21, Error ellipse: s-maj=27.5km s-min=14.7km az=66.0

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

Code Station Name Az Az' Phase ID Time Res

Main table for page 2017 SEP, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SWI, MTN, DAV, COEN, etc.

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

IDC 21 14:10:18.4:0.6, 5'40S:150'68E, h144km, 5km, mb4.0/18, mbmp4.5/23, MS3.2/4, Error ellipse: s-maj=12.5km

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

Code Station Name Az Az' Phase ID Time Res

Main table for page 21d 14h, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT, RABL, MANU, etc.

21d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MBWA Marble Bar, MBWA Marble Bar, MBWA Marble Bar, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TOLK comp=Z,7.9nm,1.4s, M27K Edge Creek, AQ5A South Pole Qui, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHN4 Tsauhsan, NACB Ninganchiao, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains multiple entries for stations like ASAR, QJM, WRKA, etc., with various frequencies and parameters.

Table with columns: RTLL, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains multiple entries for stations like Cerro Villicun, El Pedregal, Combarbal, etc., with various frequencies and parameters.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains multiple entries for stations like BOSHOF INFRASO, BOSHA, BOSB, etc., with various frequencies and parameters.

SJA 21 15:01:16.9±0.8,29:06S:68:80W,h114km,5km,ML4.0, MW3.8
GUC 21 15:01:18.0±0.7,29:02S:69:08W,h138km,7km,ML3.8
IDC 21 15:01:19.1±0.9,28:86S:68:83W,h112km,5km,mb3.1/3, mbmp3.6/5, Error ellipse: s-maj=32.0km s-min=20.3km

ISC 21 15:01:18.0±0.7,29:03S:02:68:82W±0.03,h112km,6km,n53,±152/93,mb3.2/3,3C-1D San Juan Province

NEIC 21 15:11:49.0±0.9,21:7S:02:178:9W±0.2,h553km,22km, mb4.2/13, Error ellipse: s-maj=28.6km s-min=24.8km az=180.0

ISC 21 15:11:48.3±1.0,21:7S:02:178:8W±0.1,h550km,n25, ±150/24,mb4.1/10,Fiji Islands region

ISK 21 15:38:50.6,35:90N±27:66E,h5km,ML2.5/13
THE 21 15:38:50.7,35:89N±27:65E,h2km,3km,ML2.3/3, Error ellipse: s-maj=3.1km s-min=0.8km az=117.0
DDA 21 15:38:50.7±0.0,35:94N±27:66E,h7km,3km,ML2.1
ATH 21 15:38:50.9,35:96N±27:58E,h11km,3km,ML2.5/2

Manual Solution by S.Liakopoulos First location: 2019/05/05 10:03:12, This location: 2019/12/30 21:28:32
ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 4 km; Longitude uncertainty: 4 km

ISC 21 15:38:51.0±0.9,35:93N±0:03:27:64E±0.03,h15km,8km, ±150/24,mb4.1/10,Dodecaedon Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains multiple entries for stations like RGEI, ARG, KARP, etc., with various frequencies and parameters.

IDC 21 15:19:54.7±5.6,28:26S±23:30E,h0km, Error ellipse: s-maj=37.2km s-min=36.0km az=9.0,South Africa

21d 17h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FETHYE, IZZE, ZAKROS, etc.

TAP 21 15:40:31.4, 23:30N, 120:63E, h14km, ML0.6, 2C, A, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TPUB, CHN4, WTP, TWK, WCKO, etc.

IDC 21 15:41:05.8, 2.5, 20:90S, 169:45E, h0km, mb3.7/4, mbtmp3.7/5, ML3.4/1, MS3.4/4, Error ellipse: s-maj=125.4km s-min=26.4km az=154.0

NOU 21 15:41:07.5, 2.1, 25S, 169:50E, h0km, MLV4.0/13, Southeast of Loyalty Islands

ISC 21 15:41:08.9, 1.0, 21.25S, 0:09, 169:33E, 0:09, h10km, n30, @196/27, mb3.7/4, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MARNC, LARNC, LIFOU, etc.

IDC 21 15:56:39.0, 1.7, 14:10N, 146:94E, h0km, mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=58.3km s-min=32.2km az=95.0, Mariana Islands

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

EAF 21 16:13:56.7, 26:12S, 29:33E, h2km, MC3.5, BUL 21 16:13:59.4, 1.0, 26:08S, 29:24E, h16km, 12km, MD3.6

ISC 21 16:13:56.2, 1.3, 26:09S, 0:05, 29:30E, 0:05, h10km, n25, @189/50, South Africa

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

2017 SEP

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

OMAN 21 16:24:01.9, 0.2, 13:65N, 58:13E, h10km, 22km, mb4.8/7, ms2.8/2, Error ellipse: s-maj=8.7km s-min=2.5km az=348.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SHAO, DMTO, ABTO, etc.

NEIC 21 16:34:33.2, 1.2, 25:00N, 0:06, 94:89E, 0:07, h84km, 6km, mb4.4/27, Error ellipse: s-maj=9.1km s-min=7.8km az=59.0

IDC 21 16:34:34.2, 1.9, 24:85N, 94:82E, h94km, 17km, mb3.5/8, mbtmp3.8/10, MS3.3/2, Error ellipse: s-maj=17.5km s-min=14.6km az=57.0

NDI 21 16:34:35.2, 2.4, 25:04N, 94:64E, h100km, 15km, ML4.4, mb4.4(NEIC)

ISC 21 16:34:34.1, 0.5, 24:32N, 0:04, 94:75E, 0:05, h100km, n80, @152/97, mb4.2/23, 1C, Myanmar-India border region

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

1596

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RAMN, JIRN, GUN, etc.

UPP 21 17:00:27.1, 0.1, 67:07N, 20:95E, h0km, ML2.0, Suspected explosion

HEL 21 17:00:27.3, 0.3, 67:08N, 20:94E, h0km, ML2.0, Explosion

IDC 21 17:00:27.8, 1.2, 67:06N, 21:08E, h0km, mbtmp2.8/3, ML1.9/3, Error ellipse: s-maj=18.1km s-min=10.0km az=109.0

BER 21 17:00:28.2, 0.0, 66:92N, 21:34E, h0km, ML1.9, Suspected explosion

ISC 21 17:00:27.2, 0.7, 67:09N, 0:02, 20:96E, 0:02, h0km, n55, @157/81, Sweden

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, ISC. Includes stations like SJJU Sjulsmark, HEF Hetta, etc.

ADC 21 17:02:39.4.9.9, 11.35N-92.62E, h0km, mb3.5/4, mbtm3.5/4, Error ellipse: s-maj=504.2km s-min=25.0km az=61.0, Andaman Islands region

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

MEX 21 17:22:59.0.7, 14.88N-94.17W, h6km, 15km, MD4.0, NEIC 21 17:23:02.9.2.2, 15.01N-94.09.94, 0.07, h34km, gkm, mb4.1/37, Md4.0/23(MEX), Error ellipse: s-maj=13.6km s-min=9.2km az=186.0

ADC 21 17:23:05.2.4.2, 15.06N-94.00W, h55km, 34km, mb3.6/6, mbtm3.9/8, ML3.6/2, MS3.4/3, Error ellipse: s-maj=36.8km s-min=26.6km az=31.0

ISC 21 17:22:58.1.1.9, 14.95N-94.06.94, 14W, 0.04, h10km, 11km, n79, a193/93, mb4.1/12, Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, ISC. Includes stations like PCIG Arriaga, CARR Arriaga, NILT Santiago Nitte, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, ISC. Includes stations like HUEH Huehuetenango, PMUV Sontecomapan, TXIG Tlaxiaco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, ISC. Includes stations like ANVS baz=25, SATY Saty, etc.

ADC 21 17:27:28.4.6.0, 13.86N-147.18E, h0km, mb3.7/5, mbtm3.7/6, ML3.5/1, Error ellipse: s-maj=142.1km s-min=33.4km az=152.0

ISC 21 17:27:32.5.3.9, 13.66N-147.2E, 0.2, h35km, n6, a0637, mb3.5/5, South of Mariana Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CMAR, SONM, MKAR, KURBB, and FINES.

NEIC 21 17:29:24.91.5.7.33S:0.09x128.90E:0.09,h150km,19km, mb4.2/5, Error ellipse: s-maj=13.5km s-min=12.0km az=153.0

IDC 21 17:29:24.3.2.0.7.47S:129.04E,h144km,18km,mb3.4/2, mbmp3.8/6, Error ellipse: s-maj=33.8km s-min=21.4km az=88.0

DJA 21 17:29:25.8.0.7.5.5x12.9E, h124km,27km, M4.1/6, mb4.1/4, mbB4.0/1, MLV4.1/6, Mw(mb)3.8/1

ISC 21 17:29:24.0.0.7.31S:0.05x128.87E:0.05,h150km,n42, z=12.148, Banda Sea

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAUI, BNDI, MTN, KURBB, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, PMG, PMS, PMS, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, STKA, LCRK, etc.



Table with columns for station code, name, coordinates, and various data points. Includes stations like MJAR, MAJO, MAJQ, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like PPT2, PPT1, BJI, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like GTA, BRDH, ULN, etc.

21d 17h

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes stations like K20K Telida, G18K Tagagawik, DGZ Jazator, Alta, etc.

2017 SEP

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes stations like KSH Kashi, F25K Christian River, ULHL Uhaloh, etc.

1600

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes stations like IUG luzhnyay, CHM Chinkent, CHM Chinkent, etc.



21d 18h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like MLY Manley, CCB Clear Creek Bu, HDA Harding Lake, etc.

2017 SEP

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like IMAR Indian Mountain, BERG Berg Lake, O16K Kokwok River B, etc.

1602

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like H16K Elim, O28M Mount Upton, I27K Kandik River, etc.

NEIC 21 18:29:21.0, 0.6, 43:70N, 0:05:105:38W, 0:05, h0km, z2km, ML3, 2.7, Error ellipse: s-maj=9.5km s-min=6.2km

az=338.0
IDC 21 18:29:23.3, 1.2, 43:87N, 105:44W, h0km, mtbpm3.2/4, ML3, 0/4, Error ellipse: s-maj=22.3km s-min=10.5km az=150.0

ISC 21 18:29:21.3, 1.0, 43:77N, 0:05:105:39W, 0:04, h0km, n36, i192/34, Wyoming

Table with columns for Code, Station Name, Elevation, Frequency, Phase ID, Time Res, and other technical details. Includes stations like RSSD Black Hills, PHWY Pilot Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like GCMT Greycliff, LKWH Lake, OGNE Ogallala, etc.

IDC 21 18:45:32.0, 24.776N, 142.84E, h0km, mb3.9/17, mbmp3.9/19, ML3.6/2, Error ellipse: s-maj=25.7km s-min=13.5km az=77.0

NEIC 21 18:45:34.5, 2.0, 24.66N, 10.142, 2E, 0.2, h10km, 1km, mb4.4/21, Error ellipse: s-maj=24.0km s-min=15.9km az=83.0

ISC 21 18:45:36.8, 0.6, 24.69N, 0.07, 142.8E, 0.1, h30km, n51, e087/52, mb4.2/26, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like KCJ Chichijima, KSR Korea Array, YUL Yu-li, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like BVAR Borovoye Array, BRVK Borovoye, KKAR Karatay Array, etc.

ISK 21 19:00:53.2, 35.76N, 27.50E, h8km, ML2.3/13, THE 21 19:00:53.3, 35.75N, 27.53E, h2km, 4km, ML2.5/2, Error ellipse: s-maj=5.6km s-min=0.7km az=141.0

ATH 21 19:00:53.0, 35.88N, 27.38E, h8km, 3km, ML2.5/3, Manual Solution by S.Liakopoulos First location: 2019/04/25 14:17:02, This location: 2019/04/25 14:16:23 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 6 km; Longitude uncertainty: 5 km

DDA 21 19:00:53.4, 0.0, 35.79N, 27.76E, h7km, 3km, ML2.1, ISC 21 19:00:53.1, 0.0, 35.79N, 0.04, 27.49E, 0.04, h13km, g9km, n31, e080/47, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like KARP Karpathos, RFTC Remy-Datca, FRMA Ierapetra Chan, etc.

WEL 21 19:02:00, 44.40S, 167.91E, h9km, ML4.4, Mw3.8, Moment Tensor Solution, s8 Moment tensor: Scale 1014 Nby: Mw0.91; Mw3.32; Mw4.42; Mw4.38; Mw3.19

Mu: 1.18; Fault plane solution: Ms5.31000x1014 NP1: q=63.00000, r=70.00000, l=168.00000; NP2: q=157.00000, r=679.00000, l=20.00000; Principal axes: T -54.5700, Plg22.0000; Azm21.0000; N 51.6800, Plg67.0000; Azm184.0000; P 2.8900, Plg6.0000; Azm289.0000;

IDC 21 19:02:10.5, 11.0, 43.92S, 168.34E, h0km, mb3.4/2, mbmp3.4/2 Error ellipse: s-maj=608.1km s-min=51.5km az=46.0

NOU 21 19:02:11.1, 44.37S, 168.03E, h8km, MLV4.3/8, South Island, New Zealand

ISC 21 19:02:10.2, 1.3, 44.43S, 0.04, 168.00E, 0.05, h8km, n10km, n100, e133/98, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like MSZ Milford Sound, KCJ Jackson Bay, KCJ Wanaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like SYZ Scrubby Hill, RPZ Rata Peaks, RPZ Rata Peaks, etc.

IDC 21 19:11:29.1, 6.8, 46S, 124.67E, h0km, mb3.6/2, mbmp3.8/5, ML3.9/3, Error ellipse: s-maj=49.9km s-min=25.3km az=73.0

NOU 21 19:11:41.1, 9.26S, 124.06E, h100km, mb4.0/9, Timor Region

ISC 21 19:11:39.8, 1.1, 9.15S, 0.1, 124.20E, 0.10, h100km, n13, e230/15, Timor region

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



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Wattenberg, Walderalm, Lanzhou, Sanquair, Mosalam, Feichten, etc.

MKAR Makanchi Array 56.97 325 P 19 51 46.7 -0.1

IDC 21 19:45:22.4:6.6, 8.14S, 115.05E, h0km, mb3.8/3, mbtmp3.9, ML 4.1/1, Error ellipse: s-maj=108.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Singaraja, Denpasar, Asem Bagus, etc.

WRA Warramunga Arr 21.64 124 P 19 50 17.8 -1.2

IDC 21 19:49:02.6:5.8, 36.72N, 170.89E, h117km, 33km, mb3.2/2, mbtmp3.7/9, Error ellipse: s-maj=67.6km s-min=19.1km

ISC 21 19:49:03.0:1.7, 36.8N, 170.80E, 0.08, h100km, n17, s1551/24, SC-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Almayashu, Karatay Array, Ala-Archa, etc.

SJA 21 19:58:57.2:0.9, 24.69S, 69.19W, h80km, ML4.3, MW4.2, NEIC 21 19:58:57.1:7.24:553:0.05:69.47W, 0.09, h90km, 7km, Error ellipse: s-maj=12.5km s-min=6.3km az=103.0

WEL 21 19:29:14.7:0.4, 45.5S, 16.9E, h5km, M2.5/3, ML2.8/9, MLV2.5/3, Error ellipse: s-maj=0.0km s-min=0.0km az=126.0, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Wanaka, Jackson Bay, Milford Sound, etc.

VAO 21 19:59:06.6:0.6, 24.10S, 68.71W, h86km, mb4.2, ISC 21 19:58:58.3:0.5, 24.54S, 69.39W, 0.05, h91km, 4km, n125, a2800/158, mb4.1/9, 10C-2D, Northern Chile

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pan de Azucar, Limon Verde, Maricunga, etc.

IDC 21 19:41:59.5:1.8, 4.15N, 126.31E, h0km, mb3.3/3, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=102.7km s-min=27.1km az=60.0, Talaud Islands

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Bodoques, Pontes e Lacer, Vilhena, etc.

21d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, Res, ISC. Includes stations like BDFB Brasilia, NPGF Novo Progresso, MACA Manacapuru-AM, etc.

DDA 21 20:17:22.0-0.0, 34.55N; 26.12E, h15km, MW4.0
GII 21 20:17:23.4-0.0, 34.81N; 26.37E, h2km, Mm3.5/6
MOS 21 20:17:23.1-0.9, 34.62N; 26.26E, h12km, mp4.2/14, Error ellipse: s-maj=10.5km s-min=6.1km az=65.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, Res, ISC. Includes stations like ZKR Zakros, FRMA Ierapetra Chan, KARP Karpathos, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, Res, ISC. Includes stations like ARG Arhangelos, RFTD Data, DAT Data, etc.

1606

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, Res, ISC. Includes stations like NCK, AKASG Malin Aray B, GERES GERESE Array B, etc.

GCG 21 20:22:27.0-0.6, 15.74N; 94.01W, h24km, MD5.0
MEX 21 20:22:28.8-1.1, 14.89N; 94.13W, h11km, 35km, MD4.9
GCMT 21 20:22:29.9-0.5, 15.05N; 02.94-1.1W, 0.03, h32km, 2km, MW4.9/80, Moment Tensor Solution. s18;c19; s80;c98;





21d 20h

Table with columns for station name, frequency, power, and status. Includes stations like ULM, PLID, EGMT, BOAV, MSO, F10A, ETMB, H04A, SAML, LON, FFC, LPAZ, EDM, MDP, ITTB, MALB, BRDLA, MCPB, LVC, SCHO, SCHO, SIV, PDRB, PTBL, PTBL, V35K, YKA, YKA, KOTAN, SNDB, DLBC, DLBC, DLBC, B34M, BDOQ, MURT, TAOE, TAOE, SMTB, R33M, R33M, Q32M, ROSB, P32M, S31K, P33M, SKAG, MPPY, MPPY, CPUP, CPUP, FARO, P30M, O30N, BDFB, BDFB, BDFB, BDFB, N31M, N30M, YUK6, SDBA, IPNM, PINM, M30M, MECA, M29M, M29M, L29M, YUK3, FRBT, JANB, I30M, MCARA, M27K, G31M, L27K, L27K, M26K, Q23K, N25K, L26K.

2017 SEP

Table with columns for station name, frequency, power, and status. Includes stations like INK, INK, INK, H29M, K27K, RCLB, I28M, F30M, SFJD, SFJD, SFJD, SFJD, P23K, G29M, HARP, I27K, J26L, J26L, PLCA, PLCA, PLCA, PLCA, SCM, H27K, I26K, DY2G, DY2G, K24K, KNK, PET01, F28M, G27K, SML, WAT6, WAT6, J25K, J25K, KDAK, HDA, PRP, PRP, PRP, IL31, ILAR, ILAR, E27K, G26K, MCK, H25L, POKR, NUUG, TCOL, D27M, O20K, B2MK, F26K, SKT, TRF, TRF, H24K, H24K, F25K, KTH, GUA01, I23K, G24K, ISOG, ISOG, E25K, E25K, BPAW, BPAW, M20K, C27K, C27K, CAST, CAST, P18K, MLY, MLY, MLY, R17K, R19K, F24K, RIB01, M19K, G23K, P17K, D25K, H22K, ALF01, K20K.

1608

Table with columns for station name, frequency, power, and status. Includes stations like K20K, E23K, O17K, ICESG, J20K, H21K, PPT, PPT2, PPT2, G22K, TOLK, D24K, N17K, TTA, TTA, L18K, F22K, J19K, G21K, D23K, E22K, H20K, H20K, C23K, D22K, H19K, E21K, E21K, F20K, G19K, SUMG, SUMG, C21K, E20K, NEEM, NEEM, F19K, E19K, D20K, D19K, B20K, J14K, E17K, UNV, BORG, DAG, DAG, NOR, NOR, RAR, JMIC, PCAS, PNCL, POLO, PVIS, PCVE, PCBR, PBEJ, PESTR, MVO, PMRV, EKA, KBS, PBAH, SPITS, SPITS, ESDD, ESDD, AFI, PMSA, DOU, BMRD, NB2, NB2, NOA, NOA, BGES, BCLA, RCHB, MEM, BTNL, WLF, WLF, WLF, BUG, NOA, SSSD, SSSD, SSB, AHRW, HFS, HFS, ARCES, ARCES.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KASTN, RETH, BSEGE, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CHVC, UPC, MOC, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like OK051, T35A, U32A, etc.

NEIC 21 20:24:47.0±0.5 37.191N,0.010°-97.891W,0.0009, h5km,1km, Error ellipse: s-maj=2.5km s-min=1.7km az=9.0

NEIC 21 20:42:47.2±0.5 37.20N,0.01°-97.89W,0.0101, h6nm,1km, mb\_Lg2,1/11,ML2.5/18,ML2.7/41, Error ellipse: s-maj=2.1km s-min=1.3km az=207.0, Kansas

IDC 21 20:38:50.5±0.1 25N,132.82E, h0km, mb4.2/12, mbmp4.3/14, ML3.9/2, MS3.5/19, Error ellipse: s-maj=33.7km s-min=14.6km az=79.0

NEIC 21 20:38:52.8±1.5, 1.29N,0.09°-132.7E,0.1, h10km,1km, mb4.6/29, Error ellipse: s-maj=21.7km s-min=15.7km az=84.0

DJA 21 20:38:56.0±0.6 1°N,5°13'3E, h85km,15km, M4.2/8, mb4.4/4, mb4.5/1, MLv4.0/8, MW(m)3.7/1, Mw(m)4.2/1, Mw(p)4.6/1

ISC 21 20:38:52.4±0.6 1.19N,0.06°-132.64E,0.07, h10km, n79, -0.99/61, mb4.5/23, MS3.6/15, Iran, Java region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like SWI, SIJI, RKPI, etc.

21d 21h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KURK, KURBB, KK31, KKAR, BVAR, BRVK, NRIK, GEYT, GEYT, ABKAR, AKTO, VANDA, SBA, MAW, I24K, CCB, H24K, IL31, ILAR, J26L, K27K, L27K, BCAR, YBHF, TORO, CPUP.

IDC 21 20:41:00.2:0.8, 1'25N, 132.77E, h0km, mb4.1/9, mbmp4.1/10, ML3.3/1, MS3.9/3, Error ellipse: s-maj=44.6km s-min=16.1km az=80.0

NEIC 21 20:41:02.1:2.2, 1'11N, 10.07E, 132.54E, h10km, 1km, mb4.6/39, Error ellipse: s-maj=15.5km s-min=5.0km az=46.0

DJA 21 20:41:04.8:0.7, 1'N, 6.13E, h10km, M4.1/8, mb4.4/3, MLV4.0/8

ISC 21 20:41:01.6:0.5, 1'10N, 0.05E, 132.59E, h10km, n78, a121/75, mb4.6/25, MS3.9/3, Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SWI, SJUI, RKPI, FAKI, SRPI, TNTI, LBMI, BNDI, DAV, LUWI, MTN, KNRA, COEN, SBUM, WBO, WRAB, WRA, WB2, KSM, AS31, ASAR, SSSL, PSA00, FORT, STKA, TJN, H11N1, H11N2, H11N3, USA0B, USRK, JKA, TAU, SONM, RPZ, MKAR, MAKZ, ZAAO, ZALV, KURK, KURBB, BTK, KKK31, KKK31.

2017 SEP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KKAR, BVAR, BRVK, HRA, GEYT, ABKAR, PPT, VANDA, MAW, MLY, GHO, MCK, I23K, COLD, MDM, MCB, ILAR, KLU, DIV, BMR, L26K, GRNC, K27K, BCAR, TORO, CPUP.

IDC 21 20:41:56.3:1.8, 17.73S, 178.90W, h555km, 17km, mb3.0/5, mbmp3.9/6, Error ellipse: s-maj=42.6km s-min=21.2km az=155.0

ISC 21 20:41:55.8:0.9, 17.73S, 0.3E, 178.3W, h0.2, h550km, n9, a075/10, mb3.5/5, Fiji Islands region

MSFV Nonsavu 2.96 269 P Op ISC h m s ISC 20 41 15.0 +1.6

WRA Warramunga Arr 44.25 259 P P 20 49 16.3 -0.8

ASAR Alice Springs 44.44 254 P P 20 49 18.2 -0.3

TXAR Lajitas Array 86.25 58 P P 20 53 40.4 +0.5

PDAR Pineapple Array 87.50 44 P P 20 53 44.8 -0.8

SNAA Snaae 90.79 179 P P 20 54 00.1 -0.1

BRTR Keskin Array B 144.36 315 PKP PKPbc 21 00 29.3 -0.6

MMAI Mount Meron Arr 145.69 303 PKP PKPbc 21 00 33.5 +1.2

GERES GERES Array B 147.32 345 PKPbc 21 00 37.5 -0.4

IDC 21 20:49:12.7:1.4, 7.25S, 155.74E, h0km, mb3.6/5, mbmp3.7/6, ML3.6/1, Error ellipse: s-maj=30.9km s-min=27.4km az=58.0

ISC 21 20:49:17.4:1.3, 7.33S, 0.2E, 155.7E, h29km, n10, a095/8, mb3.7/5, Bougainville-Solomon Islands region

KRVT Keravat (AS076) 4.68 309 P P 20 50 27.2 +1.0

WRA Warramunga Arr 24.24 237 P P 20 54 33.0 +0.9

ASAR Alice Springs 26.52 320 P P 20 54 52.0 -0.7

H11S3 WAKE ISLAND Hy 27.80 23 T T 21 23 22.4

H11S2 WAKE ISLAND Hy 27.80 23 T T 21 23 19.2

H11S1 WAKE ISLAND Hy 27.82 23 T T 21 23 22.2

CMAR Chiang Mai Arr 61.52 295 P P 20 59 32.4 +0.1

ILAR Eielson Array 83.37 21 P P 21 01 41.9 +0.4

MKAR Makanchi Array 84.06 319 P P 21 01 44.3 -1.2

TORD Torodi Arr. Bea 153.76 285 PKPbc PKPbc 21 09 14.8 0.0

IDC 21 20:59:28.2:1.8, 46.21N, 153.40E, h0km, mb3.3/3, mbmp3.5/6, ML3.1/3, Error ellipse: s-maj=46.4km s-min=21.5km az=132.0

JMA 21 20:59:31.4:1.1, 47.18N, 153.3E, h10km, MV4.3/12, KURILE ISLANDS REGION

ISC 21 20:59:29.5:1.4, 46.22N, 0.2E, 152.9E, h10km, n22, a252/21, Kuril Islands

NEM2 Nemuro 2 5.83 244 Op P ISC h m s ISC 21 00 56.4 +0.3

JRA Rausu 5.96 251 Op P Sn 21 01 07.7 +2.9

JNK Nakash 6.38 249 Op P Sn 21 01 05.3 +1.8

JAK Akkeshi 6.68 244 Op P Sn 21 01 08.2 +0.3

JTKR Ashobori-Toko 6.75 254 Op P Sn 21 01 11.3 +2.6

JAR Ashorobito 7.13 249 Op P Sn 21 02 15.9 +2.1

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JCH, JNBK, MJAR, KSRS, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, WRA, ASAR.

NEIC 21 21:09:28.2:0.7, 39.778N, 0.01E, 119.69W, h0.02, h8km, 4km, Error ellipse: s-maj=1.8km s-min=1.3km az=49.5

REN 21 21:09:28.1:1.1, 39.778N, 0.01E, 119.70W, h0.01, h7km, 4km, ML2.6/12, ML2.5/36(NEIC), Error ellipse: s-maj=2.2km s-min=1.0km az=195.0, Nevada

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PAHR, PEAR, PEAR, PEAR, KBF, BEKR, BEKR, MPK, BMR, DONR, DONR, TNK, PNTR, PNTR, GNO, YERR, YERR, YERR.

BFC Bufak Station 0.87 175 P P 21 09 44.5 0.0

PLTX Planet X, Gerl 0.96 11 P P 21 09 46.5 0.0

EBP Ebetts Pass 1.18 184 P P 21 09 50.9 +0.1

KPK Kanaka Peak 1.25 262 P P 21 09 51.7 -0.4

WAKR Walker 1.27 171 P P 21 09 52.3 -0.2

AFDM Forest Hills D 1.28 231 Pn IAML 21 10 13.3

ORV Oroville 1.41 262 Pn IAML 21 09 54.0 -0.2

KVN Kaiserville 1.43 119 Pn IAML 21 09 54.2 -0.4

KVN Butte Creek R 1.66 311 Pn IAML 21 09 59.0 -0.1

NV09 Mina Array Sit 1.70 141 Pn IAML 21 09 58.5 +0.2

NV08 Mina Array Sit 1.73 141 Pn IAML 21 10 00.1 -0.3

LHV Little Huntton 1.77 148 Pn IAML 21 10 00.5 -0.4

NV11 Mina Array Sit 1.79 137 Pn IAML 21 10 00.0 +0.4

CMB Columbia Cole 1.81 197 Pn IAML 21 10 00.9 -0.6

CMB comp=N, 37nm, 0.4s IAML 21 10 28.8

LTIM Timbered Crate 1.96 316 Pn IAML 21 10 04.5 +0.2

GPB Carvers 2.16 115 Pn IAML 21 10 07.8 +0.1

MDPB Devils Postpil 2.18 167 Pn IAML 21 10 04.9 -0.2

OMMB Old Mammoth Mt 2.22 166 Pn IAML 21 10 09.5 +0.8

TPH Tonopah 2.56 130 Pn IAML 21 10 10.0 -0.2

MZP Montezuma Peak 2.74 138 Pn IAML 21 10 12.0 -0.8

WVOR Wild Horse Val 2.79 136 Pn IAML 21 10 20.1 -1.4

WVOR comp=E, 11nm, 4.6s IAML 21 10 44.1

WVOR comp=E, 11nm, 4.3s IAML 21 11 13.8

YBH Yreka Blue Hor 3.02 312 Pn IAML 21 10 25.2 -0.7

YBH comp=N, 13nm, 4.5s IAML 21 11 23.2

K05A Summit Lake 3.09 343 Pn IAML 21 10 27.6 +0.2

KMRM Mail Ridge 3.11 280 Pn IAML 21 10 25.7 +1.8

GMN Gold Mountain 3.12 141 Pn IAML 21 10 26.1 -1.7

ELK Elko 3.55 73 Pn IAML 21 10 24.0 +0.2

ELK comp=E, 7.2nm, 0.4s IAML 21 11 24.4

KRMB Red Mountain 3.65 300 Pn IAML 21 10 24.9 -0.2

NEIC 21 21:36:18.3:1.1, 19.16N, 0.04E, 155.52W, h0.04, h48km, 5km, Error ellipse: s-maj=6.9km s-min=3.6km az=128.0

HVO 21 21:36:19.1:0.9, 19.14N, 0.03E, 155.55W, h0.04, h50km, 1km, ML2.0/6, ML2.5/38(NEIC), Error ellipse: s-maj=6.7km s-min=3.2km az=122.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHU, KHU, KHU, AIN, AIN, AIN, HLP, HLP, MWH, MWH, SDHH, WRMH, RIM, RIM, RIM, UWE, UWE, KKO.

Table with columns: KK0, comp=E,289nm,1.6s, IAML, 21 36 46.5, etc. Includes stations like Mauna Loa, Steaming Bluff, Halema'uma'u, etc.

DJA 21 21:47:40.0±1.0, 8°S 3°11'6E, h10km, M3.5/7, MLv3.5/7, IDC 21 21:47:51.3±17.0, 9.265±116.42E, h0km, mb3.5/3, mbmp3.6/3, Error ellipse: s-maj=261.6km s-min=138.5km az=141.0

ISC 21 21:47:40.6±1.6, 8.30S, 0°05.11549E, 0.08, h16km±10km, n10, c=97/16, mb3.7/3, Ball region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Singaraja, Denpasar, IGBI, etc.

DJA 21 22:05:41.3±0.6, 4°S 9°10'2E, h188km, 7km, M3.8/6, MLV3.8/6

IDC 21 22:05:49.1±3.2, 3.72S, 101.46E, h0km, mb3.7/7, mbmp3.7/7, Error ellipse: s-maj=148.0km s-min=19.7km az=52.0

ISC 21 22:05:53.7±2.3, 3.9S, 0°11.0144E, 0.08, h34km±n25, c=114/14, mb3.8/7, Southern Sumatera

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Kapahiang, Pulau Pagai, Liwa, etc.

IDC 21 22:15:18.2±0.7, 62.68N, 149.52W, h0km, mb3.9/17, mbmp3.9/17, ML3.9/3, MS3.3/20, Error ellipse: s-maj=13.0km s-min=12.4km az=37.0

AEIC 21 22:15:21.0±1.9, 62.78N, 0°02:148.88W, 0.01, h20km±5km, ML4.2, mb4.4/12(NEIC), ML4.3/19(NEIC)

NEIC 21 22:15:21.2±2.2, 62.78N, 148.85W, h19km, h17km±3km, Error ellipse: s-maj=3.6km s-min=0.8km az=76.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr: 1.45; Mw: 0.49; Ms: 0.96; Mo: 2.8; Mv: 1.04; Mv: 0.85; Fault plane solution: M1.88000x10^15 NP1: 0±194.71000°, 358.64000°, 160.28000°. NP2: 0±362.36000°, 342.14000°, 129.13000°. Principal axes: T 1.8777, P1g63.0000°, Azm54.0000°, N -0.0050, P1g25.0000°, Azm211.0000°, P -1.8727, P1g9.0000°, Azm305.0000°

ISC 21 22:52:42.0±7.6, 62.79N, 0°01:148.85W, 0.02, h17km±4km, n550, c=162/570, mb4.1/23, MS3.3/17, Central Alaska

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Susitna Watana, Harding Lake, etc.

Table with columns: WAT1, baz=254, S, Sg, 22 15 28.3 -0.9, etc. Includes stations like Susitna Watana, Denali Highway, Chulitna, etc.

Table with columns: baz=209, KLU, Klutina, 1.89 132, Pn, 22 15 54.1 +0.1, etc. Includes stations like Klutina, Port Wells, Spurr Capps, etc.

21d 22h

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like M19K Big River Lodge, M19K White Mountain, etc.

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Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like IVE Iliamna Volcan, ILSW Chino Peak, etc.

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Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like Q20K Shuyak Island, N17K Nushagak Hills, etc.

Table with columns: ID, Name, Az, El, Range, Az, El, Range, Az, El, Range, Az, El, Range. Includes stations like TOLK Toolik Lake Re, R18K Karluk, N15K Kwethluk River, etc.

Table with columns: ID, Name, Az, El, Range, Az, El, Range, Az, El, Range, Az, El, Range. Includes stations like S32K Killisnoo, Q32M Nakina River, Q32M Nakina River, etc.

Table with columns: Code, Station Name, Az, El, Range, Az, El, Range, Az, El, Range, Az, El, Range. Includes stations like ATAH Atahualpa, BOSA Boshof, NIED 21:22:45.40, etc.

21d 23h

Table of astronomical observations for 21d 23h. Columns include: Station Name (e.g., GIRL, CASY, TOLIZ), Station ID, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows list various stations and their observations.

ANF 21 23:10:45.20.7, 32.369N-115.366W, h14km, 3km, M.L2.7/10, Error ellipse: s-maj=5.7km s-min=3.0km az=3.0 NEIC 21 23:10:47.0.2.0, 32.369N-115.42W/0.01,

2017 SEP

Table of astronomical observations for 2017 SEP. Columns include: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows list various stations and their observations.

1614

Table of astronomical observations for 1614. Columns include: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows list various stations and their observations.



Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes entries for N38A and ALPN.

ICD 21 23:43:01.7, 0.7, 37.95N:144.78E, h0km, mb4.2/22, mbmp4.2/27, ML3.7/5, MS2.8/12, Error ellipse: s-maj=18.4km s-min=16.5km az=81.0

NEIC 21 23:43:04.4, 1.3, 38.08N:103.144E, 0.1, h10km, 1km, mb4.4/21, Error ellipse: s-maj=15.0km s-min=2.9km az=105.0

MOS 21 23:43:04.0, 1.6, 38.18N:144.68E, h22km, mb4.5/18, Error ellipse: s-maj=10.0km s-min=5.1km az=106.0

NIED 21 23:43:06.1, 38.10N:144.48E, h42km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm

JMA 21 23:43:06.1, 0.2, 38.1N:103.814E, h42km, MW4.4/32, FAR E OFF NORTH HONSHU

ISC 21 23:43:04.2, 2.9, 38.13N:106.144E, 0.06, h12km, 17km, n128, 229/142, mb4.4/43, MS2.8/6, 10C-7D, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like IJHK, IJKT, IJJO, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MAJO, MAJB, MAJM, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like RUSJ, RUSK, RUSL, etc.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes entries for ULN and SONM.

ICD 21 23:43:01.7, 0.7, 37.95N:144.78E, h0km, mb4.2/22, mbmp4.2/27, ML3.7/5, MS2.8/12, Error ellipse: s-maj=18.4km s-min=16.5km az=81.0

NEIC 21 23:43:04.4, 1.3, 38.08N:103.144E, 0.1, h10km, 1km, mb4.4/21, Error ellipse: s-maj=15.0km s-min=2.9km az=105.0

MOS 21 23:43:04.0, 1.6, 38.18N:144.68E, h22km, mb4.5/18, Error ellipse: s-maj=10.0km s-min=5.1km az=106.0

NIED 21 23:43:06.1, 38.10N:144.48E, h42km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm

JMA 21 23:43:06.1, 0.2, 38.1N:103.814E, h42km, MW4.4/32, FAR E OFF NORTH HONSHU

ISC 21 23:43:04.2, 2.9, 38.13N:106.144E, 0.06, h12km, 17km, n128, 229/142, mb4.4/43, MS2.8/6, 10C-7D, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ULN, ULN, ULN, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CHGR, CHGR, CHGR, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ASAR, BELG, GEYT, etc.

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes entries for BUR08 and BURAR.

ICD 21 23:58:44.1, 1.4, 37.43N:141.68E, h0km, mb3.7/7, mbmp3.7/9, ML3.1/2, Error ellipse: s-maj=29.6km s-min=23.3km az=107.0

JMA 21 23:58:46.0, 0.1, 37.4N:103.141E, 0.7, h24km, 1km, MW3.6/40, E OFF FUKUSHIMA PREF

NIED 21 23:58:46.0, 37.41N:141.64E, h24km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

JMA 21 23:58:46.5, 2.1, 37.42N:104.41E, 0.06, h16km, 12km, n28, 229/133, mb3.5/7, 4D, Near east coast of eastern Honshu

ISC 21 23:58:46.5, 2.1, 37.42N:104.41E, 0.06, h16km, 12km, n28, 229/133, mb3.5/7, 4D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JFK, JFK, JFK, etc.

Continuation of station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JHJ, JHJ, JHJ, etc.

ICD 22:00:06:43.4:281.0, 61.67N:101.59E, h0km, Error ellipse: s-maj=150.0km s-min=107.1km az=24.0, Baltic States-Belarus-Northwestern Russia

Code Station Name Azimuth Elevation Phase ID Time Res ISC

Table with 4 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes entries for I43RU, I31KZ, I46RU, I53US.

BUT 22:00:59.2:0.4, 46.92N:0.03:112.55W:0.02, h12km, 3km, Error ellipse: s-maj=5.5km s-min=1.4km az=200.0

NEIC 22:00:59.2:0.5, 46.90N:0.02:112.57W:0.01, h11km, 2km, ML2.6/17, ML2.7/17(BUT), Error ellipse: s-maj=2.3km s-min=1.0km az=175.0, Montana

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LYMT, BEIM, OVMT, etc.

Table with columns: PLID, Pearl Lake, 3.00 234, Pn, Pn, 00 21 47.1 +0.2, 00 22 35.2, PLID, comp=E,14nm,0.3s, IAML, 00 22 37.7

IDC 22 00:23:42.9e1.0, 29.17N:129.38E, h0km, mb3.7/8, mbmp3.7/9, ML3.5/1, MS3.5/19, Error ellipse: s-maj=34.9km s-min=16.2km az=83.0

NIED 22 00:23:42.8, 29.24N:129.17E, h10km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=2.12; Mw=1.72; Mxx=0.40; Myy=2.71; Mzz=0.81; Mxy=-4.79; Fault plane solution: Ms5.87000x1015 NP1: p=327.00000; s=1.00000; l=-90.00000; NP2: p=101.00000; s=132.00000; l=136.00000

JMA 22 00:23:42.8, 0.3, 29.22N:0.8, 129.38E, h10km, Mw3.6/20, NEAR TOKARA ISLANDS

JMA Fev13 I1 J1 AT NEAR TOKARA ISLANDS. ISC 22 00:23:43.8, 1.4, 29.18N:0.04, 129.32E, h2km, 1.0km, n40, c1545/28, mb3.8/7, MS3.6/14, Ryukyu Islands

Main table for 22 0h section, listing stations like Takarajima, Amami Oshima, Nakanoshima, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, s, ISC

IDC 22 00:27:46.1e-0.7, 2.44N:90.38E, h0km, mb4.0/18, mbmp4.0/18, MS3.6/17, Error ellipse: s-maj=22.4km s-min=17.1km az=50.0

NEIC 22 00:27:47.1, 4.2, 16N:0.06, 90.38E, h0.06, h15km, 4km, mb4.6/52, Error ellipse: s-maj=11.5km s-min=6.0km az=135.0

ISC 22 00:27:49.0, 0.4, 2.15N:0.07, 90.42E, h35km, n114, c1511/90, mb4.4/42, MS3.7/17, Off west coast of northern Sumatara

Main table for 22 0h section, listing stations like LHM1, GSI, RPSI, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, s, ISC

Main table for 2017 SEP section, listing stations like SHL, KOHI, DHUB, etc., with columns for SHL, KOHI, DHUB, etc., Time, Res, ISC, h, s, ISC

Table for 2017 SEP section, listing stations like MLR, BURAR, TIXI, etc., with columns for MLR, BURAR, TIXI, etc., Time, Res, ISC, h, s, ISC

IDC 22 00:32:36.5e2.5, 28.69N:141.110E, h68km, 27km, mb3.6/11, mbmp3.9/11, Error ellipse: s-maj=33.3km s-min=19.5km az=73.0

ISC 22 00:32:38.8, 0.7, 28.69N:0.1, 141.10E, h2, h94km, n18, c1509/16, mb3.8/11, Bonin Islands region

Main table for 2017 SEP section, listing stations like JJC, JCH, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, s, ISC

NEIC 22 00:48:00.5, 1.7, 43.9N:0.1, 149.3E:0.1, h10km, 1km, mb4.6/69, Error ellipse: s-maj=19.2km s-min=10.1km az=147.0

JMA 22 00:48:01.7, 0.9, 44.7N:3.3, 149.4E, h30km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn=3.29; Mw=0.32; Mxx=2.97; Myy=1.74; Mzz=1.78; Fault plane solution: Ms4.53000x1015 NP1: p=101.00000; s=105.00000; l=105.00000; NP2: p=190.00000; s=629.00000; l=761.00000

BUI 22 00:48:02.0, 4.0, 0.3, 99N:149.27E, h34km, mb4.8/41, mb4.9/18, Ms4.1/27, Ms7.4/0.25

SKHL 22 00:48:03.9, 0.2, 44.10N:149.40E, h50km, 6km, mb5.0/5, ms4.1/4

MOS 22 00:48:04.7, 1.0, 44.29N:149.21E, h41km, mb4.9/46, MS3.9/6, Error ellipse: s-maj=7.2km s-min=5.4km az=125.3

IDC 22 00:48:07.0, 0.9, 44.36N:149.22E, h43km, 4km, mb3.9/24, mbmp4.1/31, ML3.6/5, MS3.9/16, Error ellipse: s-maj=18.2km s-min=12.9km az=151.0

ISC 22 00:48:07.0, 0.6, 44.15N:0.05, 149.35E:0.04, h25km, 3km, h26km, pp-P, n314, c1549/339, mb4.6/115, MS4.0/27, 23C-15D, Kuril Islands

Main table for 2017 SEP section, listing stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, s, ISC

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, etc. Includes stations like SHO, NEM2, NMR, JNBK, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, etc. Includes stations like TJK, SEY, SNY, YAK, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, etc. Includes stations like KMI, TGL, L27K, etc.

22d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like DBO Dodson Butte, KBL Kabul, KLMR Klimovskoe, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Main Array Be, AKASG Malin Array Si, AKAB Malin Array Si, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MOTA Moosalm, ABTA Abtaltersbach, SOTA Sankt Ulrich, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like JNKB, YSS, JANG, etc.

ISC 22 01:17.43:4.1, 1.45:14N:0.03:14.89E:0.03, h11km, 15km, n10, c05/58/15, Northwestern Balkan Peninsula

Table listing stations in the Northwestern Balkan Peninsula region, including Rijeka, Gorzja Briga, and Knezi Dol.

BGS 22 01:19:48.9:0.5, 49.06N:2.37W, h7km, 2km, ML1.9

STR 22 01:19:49.5:0.5, 49.14N:2.37W, h5km, MLV2.6/6, Error ellipse: s-maj=0.0km s-min=0.0km az=126.1, preliminary LDG 22 01:19:49.1:0.1, 49.06N:2.38W, h2km, Md0.12, Ml2.6/17, Error ellipse: s-maj=2.0km s-min=1.7km az=138.0

Table listing stations in the BGS region, including Saint Aubin, Jersey, and Saint Gilles.

Table listing stations in the Saint Martin region, including MCH1, MCH2, MCH3, and various other identifiers.

IDC 22 01:36:02.3:1.2, 0.81S: 136.30E, h0km, mb4.0/5, mbmp4.0/8, ML3.8/3, MS2.9/3, Error ellipse: s-maj=35.6km s-min=20.9km az=62.0

NEIC 22 01:36:05.4:2.1, 0.65S: 0.1x136.32E:0.05, h38km, 15km, mb4.1/5, Error ellipse: s-maj=20.9km s-min=7.5km az=182.0

DJA 22 01:36:09.4:0.6, 1.5S: 9.13E: 1.6E, h74km, 7km, M4.3/6, mb4.8/3, MLV4.1/6

ISC 22 01:36:05.3:1.0, 0.85S: 0.1:136.27E:0.05, h25km, n19, c19/27/23, mb4.0/6, Irian Jaya region

Table listing stations in the Irian Jaya region, including SRPI, RKPI, RKPI, and various other identifiers.

IDC 22 01:48:4.0:0.6, 36.15N: 144.65E, h0km, mb4.1/19, mbmp4.1/26, ML3.9/7, MS2.9/7, Error ellipse: s-maj=16.3km s-min=15.0km az=70.0

MOS 22 01:48:51.4:1.7, 36.44N: 144.76E, h31km, mb4.5/16, Error ellipse: s-maj=11.1km s-min=6.9km az=109.5

NEIC 22 01:48:52.2:1.3, 36.4N: 0.1x144.4E: 0.1, h10km, 1km, mb4.5/10, Error ellipse: s-maj=18.0km s-min=15.1km az=147.0

NIED 22 01:48:54.2:36.40N:144.32E, h75km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/m; M1: 1.06; M2: 0.05; M3: 1.01; M4: 0.10; M5: 0.09; M6: 0.47; F1: 0.0000; F2: 0.0000; F3: 1.4000x10^15 N/m^2; F4: 0.0000; F5: 0.0000; F6: -9.0000; NP2: 6.12 0.00000, 8.34 0.0000, -1.79 0.0000

JMA 22 01:48:54.2:0.2, 36.4N: 0.7x144.4E: 1.4E, h75km, MV4.7/33, FAR E OFF CENTRAL HONSHU

ISC 22 01:48:54.2:0.6, 36.26N: 0.05:144.47E: 0.06, h35km, n115, c1563/116, mb4.2/32, MS3.1/4, 8C-4D, Off east coast of Honshu

Table listing stations in the Honshu region, including ONAJ, JNK, JFK, and various other identifiers.

Large table listing stations in the MAJO region, including Matushiro, Matsu-Tunnel, and various other identifiers.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARU Arti, ASAR Alice Springs, KIRV Kirov, BELG Belogomye, GEYT Alibeck, STKA Stephens Creek, etc.

ADC 22 02:01:33.9.0.9, 23:73S:66.50W, h198km, 10km, mb3.2/6, mbmp3.8, 13, MS3.2/1, Error ellipse: s-maj=15.0km, s-min=13.7km az=66.0

GUC 22 02:01:35.7.0.4.0.3, 23:75S:66.97W, h205km, 7km, MLL4.5, SJA 22 02:01:36.0.0.9, 23:66S:66.62W, h197km, 8km, MLL3.4, MW3.6

VAO 22 02:01:36.4.0.4, 23:57S:66.47W, h206km, 5km, mb3.8 ISC 22 02:01:34.6.0.6, 23:66S:67.04W, h170.0km, h20.6km, n65, s1970/85, mb3.4/6, 9C-1D, Jujuy Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HJA Humahuaca, SLA San Lorenzo, AZAP Zapla, YJA Yavi, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SIV San Ignacio, MECA Mercedes, AODB Aquidauana, etc.

KRSC 22 02:01:51.6.1.4, 53:86N:169:32E, h61km, 44km, MLL4.1, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BKI Bering, MKZ Mysz Kozlova, SMKR Semkarok, etc.

UPA 22 02:38:14.7.1.5, 7:66N:82:97W, h10km, 5km, MLL3.8, MW3.6

UCR 22 02:38:16.3.0.9, 7:78N:83:13W, h14km, 33km, MW3.5

ISC 22 02:38:14.7.2.8, 7:7N:0.1:83:04W:0.07, h16km, 9km, n15, s0.959/26, 1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LIMO3 Limones, PTPM Petroterminale, CDITO Canoas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRNET 22 02:43:14.7.0.1, 40:86N:77:66E, h15km, mb2.9, NRN Naryn, PRZ Przhval'sk, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLB Baldybasty, AML Almayashu, ARXS Artharly, etc.

IDC 22 02:48:50.1-1.7, 0.65S-129.66E, h0km, mb3.3/2, mbmt3.2/3, ML3.1/1, Error ellipse: s-maj=32.2km s-min=15.9km az=80.0, Halmahera

IDC 22 02:57:54.1-1.4, 0.392S-124.47W, h0km, mb3.5/3, mbmt3.5/3, MS3.7/3, Error ellipse: s-maj=473.0km s-min=112.2km az=153.0, North of Ascension Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOWA Kowa, TORO Torodi Arr, RCBR Riachuelo, etc.

EAf 22 03:10:41.8, 26.96S-26.67E, h0km, MC3.7, PRE 22 03:10:42.7, 0.9, 26.89S-26.73E, h2km, ML2.4, BUL 22 03:10:43.0, 1.6, 26.95S-26.66E, h9km, 15km, MD3.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSR Koster, LBTB Lobatse, etc.

2017 SEP

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBTB Lobatse, BOSB Boshof, NWCL Newcastle, etc.

22d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LVC Limon Verde, IPOC Station P, YJA Yavi, etc.

IDC 22 04:03:07.6-2.1, 0.25N-125.72E, h0km, mb3.1/3, mbmt3.2/3, Error ellipse: s-maj=181.3km s-min=28.8km az=64.0, Northern Molucca Sea

NEIC 22 04:08:47.8-0.8, 35.870N-0.007-96.69W, h0km, 1km, Error ellipse: s-maj=2.7km s-min=2.5km az=108.0

TUL 22 04:08:47.9-0.7, 35.870N-0.01-96.68W, h0km, 3km, ML3.0, mb Lg2.8/8(NEIC), ML2.9/3(NEIC), Mwr2.77(SLM) Error ellipse: s-maj=1.9km s-min=1.6km az=123.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DEOK Depew, OK031 S. Brethren Rd, etc.

SCB 22 03:45:36.7-1.1, 22.37S-67.72W, h168km, 12km, ML3.5/3, Error ellipse: s-maj=5.1km s-min=3.5km az=1.0

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

22d 4h

2017 SEP

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Salt Plains WL, Argonia South, Smith Ranch, etc.

Table with columns: CLL, HSKC, MORC, VRAC, TREC, KRUC, NKK, NKC, OJC, JVC, JKC, JAVC, KHC, CKRC, GERES, LANS, MODS, VYHS, CONA, RONA, STHS, MOA, BIOA, CRVS, ARSA, LESA, KOLS, SOKA, WATA, OBKA, MYKA, MOTA, ABTA, SQTA, SOTA, FETA, DAVOX, NACGM, AKASG, HFS, FINES, EKA. Includes various meteorological codes and station names.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Polichnitos, Lesvos island, Parasekvi, zmir-Karabur, Sigr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSP, CHVC, OSTC, UPC, DPC, PVCC, BRG, RICC, PRA, GOPC, PRU, CLL.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DAVOX, NACGM, AKASG, HFS, FINES, EKA, DDA, ISK, ATH, NEIC, SOF, NAO.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AKHS, CANM, LIA, EFAA, STEP, SMG, GOKA, BALB, IKRA, SKY, SKY, BALB, GELI, GCAM, BKES, SMTH.

IPCC 22 04:14:08.2.0.2.51.60N-16.19E, h0km, ML2.8/5, Error ellipse: s-maj=2.0km s-min=1.2km az=36.0
ICC 22 04:14:09.4.0.8.51.54N-16.03E, h0km, mbtmp3.4/6, ML2.8/6, Error ellipse: s-maj=14.8km s-min=7.8km az=115.0
ISC 22 04:14:06.9.0.7.51.64N.0.03:16.09E.0.02, h0km, m51, a1532/100, Poland
DAVOX 22 04:20:20.7.0.9.38.95N:26.13E, h0km, mb4.0/9, mbtmp3.9/15, ML3.7/6, MS3.2/19, Error ellipse: s-maj=13.9km s-min=1.3km az=151.0
THE 22 04:20:21.8.38.95N:26.27E, h7km, ML4.1/8, Error ellipse: s-maj=1.1km s-min=0.6km az=59.0
MOS 22 04:20:21.4.1.5.39.04N:26.22E, h10km, mb4.3/10, Error ellipse: s-maj=6.6km s-min=4.1km az=91.5
DDA 22 04:20:21.3.0.0.38.95N:26.25E, h12km, mb4.3/10, Error ellipse: s-maj=2.1.3.38.96N:26.27E, h8km, ML4.3/13
ATH 22 04:20:21.9.38.94N:26.29E, h10km, ML3.9/26, Error ellipse: s-maj=1.4km s-min=0.7km az=97.0
NEIC 22 04:20:23.6.2.0.39.14N:0.04:26.23E:0.07, h10km, mb4.2/10, Error ellipse: s-maj=9.2km s-min=7.6km az=259.0
SOF 22 04:20:25.5.39.22N:26.23E, h22km, MD3.6
NAO 22 04:20:25.0.4.39.39N:26.40E, h33km, mb4.1
ISC 22 04:20:21.5.0.9.38.95N:0.01:26.26E:0.02, h4km, g6km, n337, a1936/380, mb4.0/17, MS3.1/14, 32C-43D, Aegean







Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DKNS, CBOC Ciudad Bolivar, FNO Franklin, etc.

IDC 22:05:02:47.6:2.6,32.69N:138.78E,h0km,mb3.8/2, mbmp3.7/3,ML2.7/1, Error ellipse: s-maj=289.0km

JMA 22:05:02:47.7:0.2,33.3N:106.14E,h49km,MV3.4/25,E OFF HACHUOJIMA (S1 AND

ISC 22:05:02:48.0:1.9,33.26N:108.140:9E:0.1,h39km,9km,n15,e1526/22,Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, JAOM Agoshimamukai, etc.

KRSC 22:05:04:03.8:0.8,54.57N:160.10E,h138km,9km,Mc3.9, M4.4

MOS 22:05:04:04.0:0.8,54.65N:159.81E,h145km,mb4.4/12, Error ellipse: s-maj=11.9km s-min=4.0km az=75.9

NEIC 22:05:04:05.0:1.5,54.74N:160.10:159.6E:0.2,h135km,8km, mb4.4/47, Error ellipse: s-maj=17.9km s-min=12.7km

IDC 22:05:04:05.3:0.6,54.84N:159.51E,h138km,6km,mb3.8/18, mbmp4.2/20,MS3.1/4, Error ellipse: s-maj=16.1km

ISC 22:05:04:06.0:4.5,54.60N:103.159:92E:0.04,h135km,3km,h134km:pP-P,n418,e1509/452,mb4.3/47,4C-3D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZV Kizimen, KII Karymskiy, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BZMR KIRRR, KIRRR Kirishev, KPT Kopyto, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMM Marumori, L15K Ungalak Mounta, K15K Wolf Creek Mou, etc.



s-maj=20.6km s-min=9.9km az=63.0  
 NEIC 22 05:33:44.4, 23.67N, 108.65W, h26km, Moment Tensor Solution. Duration: 3s. Moment tensor: Scale 1017Nm; M<sub>1</sub>-0.80; M<sub>2</sub>-2.14; M<sub>3</sub>-2.94; M<sub>4</sub>-1.38; M<sub>5</sub>-0.47; M<sub>6</sub>-0.76; Fault plane solution: M<sub>3</sub>. 10000/1017. NP1:  $\phi_1=134.46000^\circ$ ,  $\delta_1=77.73000^\circ$ ,  $\lambda_1=146.45000^\circ$ . NP2:  $\phi_2=36.44000^\circ$ ,  $\delta_2=57.32000^\circ$ ,  $\lambda_2=146.63000^\circ$ . Principal axes: T 3.19, P 1.99, N 1.03, Azm 262.0000°, N -0.1858, P 1.99, Azm 152.0000°, P -3.0050, P 1.99, Azm 32.0000°, Azm 0.0000°.  
 NEIC 22 05:33:44.4, 23.57N, 108.76W, h10km BUI 22 05:33:44.4, 23.63N, 108.42W, h13km, mb5.1/10, mb5.4/10, Ms5.4/13, Ms5.5/13  
 MEX 22 05:33:45.8, 0.6, 23.55N, 108.63W, h14km, mb5.23km, MD5.1 GCMT 22 05:33:46.9, 0.1, 23.72N, 108.01, 108.46W, 0.01, h14km, MW5.5/138, Moment Tensor Solution. s18 t0.0195; s138, c269; Duration: 1s3 Moment tensor: Scale 1017 Nm; M<sub>1</sub>-0.35±.02; M<sub>2</sub>-1.58±.02; M<sub>3</sub>-1.93±.02; M<sub>4</sub>-0.27±.04; M<sub>5</sub>-0.50±.02; M<sub>6</sub>-0.21±.04; Best double couple: M<sub>1</sub>. 85800/1017. NP1:  $\phi_1=128.00000^\circ$ ,  $\delta_1=87.00000^\circ$ ,  $\lambda_1=169.00000^\circ$ . NP2:  $\phi_2=37.00000^\circ$ ,  $\delta_2=679.00000^\circ$ ,  $\lambda_2=3.00000^\circ$ . Principal axes: T 2.0240, P 1.99, Azm 262.0000°; N -0.3320, P 1.99, Azm 142.0000°; P -1.6930, P 1.99, Azm 333.0000°. nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.  
 MOS 22 05:33:46.1, 1.3, 23.69N, 108.22W, h11km, mb5.5/20, MS5.1/12 Error ellipse: s-maj=10.0km s-min=6.5km az=105.4  
 ISC 22 05:33:44.4, 0.6, 23.57N, 108.65W, 0.03, h4km, 3km, n250, e190/962, mb5.3/91, MS5.1/390, 9C-10D, Gulf of California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SLBS	Sierra La Lagu	1.19	276	Op	05 34 03.3	-3.9
SLBS	Sierra La Lagu	1.19	276	Sg	05 34 16.9	-5.8
SLBS	Sierra La Lagu	1.19	276	Pn	05 34 03.8	-3.4
SLBS	Sierra La Lagu	1.19	276	eP	05 34 04.7	-3.2
SLBS	Sierra La Lagu	1.19	276	eS	05 34 15.6	-7.1
SSIG	Sanalona	1.86	48	eP	05 34 14.3	-2.8
SSIG	Sanalona	1.86	48	eS	05 34 35.4	-5.6
TSIG	Topolobambo	2.05	350	eP	05 34 16.5	-3.2
TSIG	Topolobambo	2.05	350	eS	05 34 16.7	-3.0
TSIG	Topolobambo	2.05	350	eP	05 34 16.5	-3.2
TSIG	Topolobambo	2.05	350	eS	05 34 16.7	-3.0
MAIG	Mazatlan	2.08	100	iP	05 34 14.1	-6.0
MAIG	Mazatlan	2.08	100	iP	05 34 46.6	
MAIG	Mazatlan	2.08	100	iP	05 34 46.6	
MAIG	Mazatlan	2.08	100	iP	05 34 46.6	
MAIG	Mazatlan	2.08	100	eP	05 34 55.8	
MAIG	Mazatlan	2.08	100	eP	05 34 16.4	-3.8
MAIG	Mazatlan	2.08	100	eP	05 34 20.0	-3.2
MAIG	Mazatlan	2.08	100	eS	05 34 17.8	-3.8
MAIG	Mazatlan	2.08	100	eS	05 34 31.8	-2.2
MAIG	Mazatlan	2.08	100	eS	05 35 08.4	-3.0
MAIG	Mazatlan	2.08	100	eS	05 34 34.0	-3.3
MAIG	Mazatlan	2.08	100	eP	05 34 34.0	-3.3
MAIG	Mazatlan	2.08	100	eP	05 34 36.2	-1.7
MAIG	Mazatlan	2.08	100	eP	05 34 37.8	-1.2
MAIG	Mazatlan	2.08	100	eP	05 34 45.5	-0.4
MAIG	Mazatlan	2.08	100	eP	05 35 31.6	-1.1
MAIG	Mazatlan	2.08	100	eP	05 35 32.7	0.0
MAIG	Mazatlan	2.08	100	eP	05 34 43.5	-4.3
MAIG	Mazatlan	2.08	100	eP	05 34 52.6	-0.4
MAIG	Mazatlan	2.08	100	eP	05 34 33.6	-0.1
MAIG	Mazatlan	2.08	100	eP	05 34 58.4	-1.1
MAIG	Mazatlan	2.08	100	eP	05 34 60.0	+0.5
MAIG	Mazatlan	2.08	100	eP	05 35 07.3	-2.2
MAIG	Mazatlan	2.08	100	eP	05 35 09.1	-2.2
MAIG	Mazatlan	2.08	100	eP	05 35 22.9	+2.9
MAIG	Mazatlan	2.08	100	eP	05 35 29.6	+2.9
MAIG	Mazatlan	2.08	100	eP	05 35 29.1	-2.5
MAIG	Mazatlan	2.08	100	eP	05 35 28.4	-3.2
MAIG	Mazatlan	2.08	100	S	05 37 29.0	+1.0
MAIG	Mazatlan	2.08	100	S	05 37 29.1	-0.5
MAIG	Mazatlan	2.08	100	S	05 35 28.7	-2.9
MAIG	Mazatlan	2.08	100	S	05 35 28.7	-2.9
MAIG	Mazatlan	2.08	100	S	05 35 28.7	-2.9
MAIG	Mazatlan	2.08	100	S	05 35 28.3	-3.3
MAIG	Mazatlan	2.08	100	S	05 37 29.4	
MAIG	Mazatlan	2.08	100	S	05 35 36.6	-2.2
MAIG	Mazatlan	2.08	100	S	05 35 38.1	-1.6
MAIG	Mazatlan	2.08	100	S	05 35 41.5	-1.7
MAIG	Mazatlan	2.08	100	S	05 35 47.6	-2.1
MAIG	Mazatlan	2.08	100	S	05 35 47.6	-2.1
MAIG	Mazatlan	2.08	100	S	05 35 46.2	-3.5
MAIG	Mazatlan	2.08	100	S	05 35 49.6	-0.6
MAIG	Mazatlan	2.08	100	S	05 35 52.9	-0.4
MAIG	Mazatlan	2.08	100	S	05 35 52.7	-1.3
MAIG	Mazatlan	2.08	100	S	05 35 52.7	-1.3
MAIG	Mazatlan	2.08	100	S	05 35 55.8	+1.8
MAIG	Mazatlan	2.08	100	S	05 35 54.0	-0.8
MAIG	Mazatlan	2.08	100	S	05 35 53.9	-0.9
MAIG	Mazatlan	2.08	100	S	05 35 54.6	-0.2
MAIG	Mazatlan	2.08	100	S	05 36 00.6	+3.6
MAIG	Mazatlan	2.08	100	S	05 35 57.0	-1.8
MAIG	Mazatlan	2.08	100	S	05 35 58.9	-1.9
MAIG	Mazatlan	2.08	100	S	05 36 02.6	-0.6
MAIG	Mazatlan	2.08	100	S	05 35 58.9	-4.2
MAIG	Mazatlan	2.08	100	S	05 36 03.3	+0.1
MAIG	Mazatlan	2.08	100	S	05 36 02.6	-1.4
MAIG	Mazatlan	2.08	100	S	05 36 05.7	-0.5
MAIG	Mazatlan	2.08	100	S	05 36 06.0	-0.2
MAIG	Mazatlan	2.08	100	S	05 36 07.8	-1.6
MAIG	Mazatlan	2.08	100	S	05 36 13.1	+0.4
MAIG	Mazatlan	2.08	100	S	05 36 15.7	+0.6
MAIG	Mazatlan	2.08	100	S	05 36 12.5	-2.9
MAIG	Mazatlan	2.08	100	S	05 36 16.0	+0.6
MAIG	Mazatlan	2.08	100	S	05 36 17.5	+0.5
MAIG	Mazatlan	2.08	100	S	05 36 17.5	+0.5
MAIG	Mazatlan	2.08	100	S	05 36 23.9	+2.7
MAIG	Mazatlan	2.08	100	S	05 36 24.7	+1.2
MAIG	Mazatlan	2.08	100	S	05 36 28.4	+3.3
MAIG	Mazatlan	2.08	100	S	05 36 31.0	+4.9
MAIG	Mazatlan	2.08	100	S	05 36 30.5	+0.9
MAIG	Mazatlan	2.08	100	S	05 36 29.5	0.0
MAIG	Mazatlan	2.08	100	S	05 36 31.1	+1.6
MAIG	Mazatlan	2.08	100	S	05 38 44.8	+6.2
MAIG	Mazatlan	2.08	100	S	05 36 30.1	+0.5
MAIG	Mazatlan	2.08	100	S	05 38 37.7	-0.9
MAIG	Mazatlan	2.08	100	S	05 39 47.1	
MAIG	Mazatlan	2.08	100	S	05 41 04.7	
MAIG	Mazatlan	2.08	100	S	05 36 34.0	+3.8
MAIG	Mazatlan	2.08	100	S	05 36 31.6	+1.4

MAIG	Mazatlan	2.08	100	S	05 36 29.3	-1.2
MAIG	Mazatlan	2.08	100	S	05 36 31.2	+0.7
MAIG	Mazatlan	2.08	100	S	05 36 36.2	+4.1
MAIG	Mazatlan	2.08	100	S	05 36 36.3	+3.9
MAIG	Mazatlan	2.08	100	S	05 36 39.8	+3.8
MAIG	Mazatlan	2.08	100	S	05 36 33.9	-2.7
MAIG	Mazatlan	2.08	100	S	05 36 37.0	+0.5
MAIG	Mazatlan	2.08	100	S	05 36 42.8	+4.8
MAIG	Mazatlan	2.08	100	S	05 36 43.9	+5.8
MAIG	Mazatlan	2.08	100	S	05 36 42.5	+4.4
MAIG	Mazatlan	2.08	100	S	05 36 41.5	+3.4
MAIG	Mazatlan	2.08	100	S	05 36 39.7	+1.4
MAIG	Mazatlan	2.08	100	S	05 36 40.3	+2.0
MAIG	Mazatlan	2.08	100	S	05 36 38.1	-0.7
MAIG	Mazatlan	2.08	100	S	05 36 37.6	-1.3
MAIG	Mazatlan	2.08	100	S	05 36 39.8	+0.9
MAIG	Mazatlan	2.08	100	S	05 36 44.6	+4.1
MAIG	Mazatlan	2.08	100	S	05 36 46.3	+3.2
MAIG	Mazatlan	2.08	100	S	05 36 49.8	+3.3
MAIG	Mazatlan	2.08	100	S	05 36 51.7	+4.5
MAIG	Mazatlan	2.08	100	S	05 36 45.2	-2.2
MAIG	Mazatlan	2.08	100	S	05 36 50.3	+1.8
MAIG	Mazatlan	2.08	100	S	05 36 45.2	-4.4
MAIG	Mazatlan	2.08	100	S	05 36 54.2	+4.5
MAIG	Mazatlan	2.08	100	S	05 36 54.8	-6.6
MAIG	Mazatlan	2.08	100	S	05 36 50.2	-1.0
MAIG	Mazatlan	2.08	100	S	05 39 28.3	+1.1
MAIG	Mazatlan	2.08	100	S	05 36 55.6	-7.0
MAIG	Mazatlan	2.08	100	S	05 36 55.3	+2.1
MAIG	Mazatlan	2.08	100	S	05 36 51.3	-2.2
MAIG	Mazatlan	2.08	100	S	05 36 59.5	-5.8
MAIG	Mazatlan	2.08	100	S	05 36 54.4	-5.7
MAIG	Mazatlan	2.08	100	S	05 36 59.0	-3.1
MAIG	Mazatlan	2.08	100	S	05 37 02.1	-4.9
MAIG	Mazatlan	2.08	100	S	05 36 59.0	+0.7
MAIG	Mazatlan	2.08	100	S	05 37 02.3	-5.0
MAIG	Mazatlan	2.08	100	S	05 37 02.6	-5.6
MAIG	Mazatlan	2.08	100	S	05 37 05.4	-5.3
MAIG	Mazatlan	2.08	100	S	05 37 05.9	-5.3
MAIG	Mazatlan	2.08	100	S	05 37 08.5	-2.8
MAIG	Mazatlan	2.08	100	S	05 37 03.5	-0.4
MAIG	Mazatlan	2.08	100	S	05 37 01.5	-3.1
MAIG	Mazatlan	2.08	100	S	05 37 02.7	-1.8
MAIG	Mazatlan	2.08	100	S	05 39 45.1	+3.9
MAIG	Mazatlan	2.08	100	S	05 37 08.9	-3.1
MAIG	Mazatlan	2.08	100	S	05 37 05.8	+0.5
MAIG	Mazatlan	2.08	100	S	05 37 09.2	-4.3
MAIG	Mazatlan	2.08	100	S	05 37 06.3	-0.6
MAIG	Mazatlan	2.08	100	S	05 37 09.5	-4.9
MAIG	Mazatlan	2.08	100	S	05 37 08.8	-0.4
MAIG	Mazatlan	2.08	100	S	05 37 12.1	-4.2
MAIG	Mazatlan	2.08	100	S	05 40 02.1	-7.7
MAIG	Mazatlan	2.08	100	S	05 37 15.0	-2.4
MAIG	Mazatlan	2.08	100	S	05 37 14.5	-3.1
MAIG	Mazatlan	2.08	100	S	05 37 16.0	-2.7
MAIG	Mazatlan	2.08	100	S	05 37 17.2	-2.0
MAIG	Mazatlan	2.08	100	S	05 37 18.5	-1.7
MAIG	Mazatlan	2.08	100	S	05 37 11.9	-3.1
MAIG	Mazatlan	2.08	100	S	05 37 12.8	-2.2
MAIG	Mazatlan	2.08	100	S	05 37 18.8	-2.6
MAIG	Mazatlan	2.08	100	S	05 37 20.4	-1.4
MAIG	Mazatlan	2.08	100	S	05 37 23.0	-2.1
MAIG	Mazatlan	2.08	100	S	05 37 22.7	-2.4
MAIG	Mazatlan	2.08	100	S	05 37 16.1	-4.5
MAIG	Mazatlan	2.08	100	S	05 40 27.2	+0.2
MAIG	Mazatlan	2.08	100	S	05 37 25.1	-1.2
MAIG	Mazatlan	2.08	100	S	05 37 25.2	-1.5
MAIG	Mazatlan	2.08	100	S	05 37 21.4	-1.2
MAIG	Mazatlan	2.08	100	S	05 37 24.9	+1.0
MAIG	Mazatlan	2.08	100	S	05 37 26.3	+0.4
MAIG	Mazatlan	2.08	100	S	05 37 30.6	-0.3
MAIG	Mazatlan	2.08	100	S	05 37 31.5	0.0
MAIG	Mazatlan	2.08	100	S	05 37 32.4	-0.4
MAIG	Mazatlan	2.08	100	S	05 37 28.6	-1.3
MAIG	Mazatlan	2.08	100	S	05 37 32.3	-1.0
MAIG	Mazatlan	2.08	100	S	05 40 56.2	+9.1
MAIG	Mazatlan	2.08	100	S	05 37 35.5	-0.1
MAIG	Mazatlan	2.08	100	S	05 37 36.9	-

22d 5h

H17A	Grant Village	20.83	356	IAMS_20	IAMS_20	05 45 53.3
H17A	Grant Village	20.83	356	P	Pn	05 38 28.9 -0.9
SNET	Serv Mac Est T	20.84	115	IAMS_20	IAMS_20	05 46 23.3
RSSD	Black Hills	20.85	9	P	P	05 38 26.7 -0.7
RSSD	Black Hills	20.85	9	IAMS_20	IAMS_20	05 47 05.9
RSSD	Black Hills	20.85	9	P	Pmax	05 38 26.7 -0.7
RSSD	Black Hills	20.85	9	P	Pmax	05 38 26.7 -0.7
RSSD	Black Hills	20.85	9	P	P	05 38 27.0 -0.5
RSSD	Black Hills	20.85	9	P	P	05 38 27.2 -0.2
RSSD	Black Hills	20.85	9	S	S	05 42 22.4 +1.8
PARMO	Parma	20.87	47	IAMS_20	IAMS_20	05 46 32.0
KMRM	Mali Ridge	20.90	326	IAMS_20	IAMS_20	05 45 53.6
LKWY	Lake	20.99	357	IAMS_20	IAMS_20	05 46 45.5
L34A	Svendens Farm	21.01	26	P	P	05 38 27.0 -2.0
L34A	Svendens Farm	21.01	26	S	S	05 42 29.9 +1.4
YMP	Mirror Lake PI	21.15	357	IAMS_20	IAMS_20	05 47 46.5
HICK	Hickman	21.16	48	IAMS_20	IAMS_20	05 46 49.6
YNR	Norris Junction	21.16	356	IAMS_20	IAMS_20	05 45 52.9
YNM	Yellowstone No	21.17	356	IAMS_20	IAMS_20	05 45 53.2
FVM	French Village	21.20	43	IAMS_20	IAMS_20	05 46 32.5
FVM	French Village	21.20	43	P	P	05 38 31.5 +0.5
FVM	French Village	21.20	43	S	S	05 43 29.8 +2.5
PLAL	Pickwick Lake	21.20	53	IAMS_20	IAMS_20	05 47 25.0
P40A	Paris	21.24	38	IAMS_20	IAMS_20	05 46 06.4
P40A	Paris	21.24	38	P	P	05 38 31.0 -0.5
P40A	Paris	21.24	38	S	S	05 42 29.1 +1.1
LRAL	Lakeview Retre	21.24	59	IAMS_20	IAMS_20	05 47 38.0
LRAL	Lakeview Retre	21.24	59	P	P	05 38 29.6 -1.9
LRAL	Lakeview Retre	21.24	59	P	P	05 38 31.7 +0.2
LRAL	Lakeview Retre	21.24	59	S	Sn	05 42 33.4 -1.5
KMPM	Mount Pierce	21.26	326	IAMS_20	IAMS_20	05 45 51.4
CGM3	Cape Girardeau	21.29	46	IAMS_20	IAMS_20	05 46 58.0
UTMT	University of	21.30	49	IAMS_20	IAMS_20	05 46 03.6
YHL	Hebgen Lake	21.33	355	IAMS_20	IAMS_20	05 46 56.0
KHMM	Horse Mountain	21.40	327	IAMS_20	IAMS_20	05 46 22.4
250A	Grady	21.48	62	P	P	05 38 33.8 -0.2
RLMT	Red Lodge	21.50	359	P	P	05 38 36.0 +1.4
JCC	Jacoby Creek	21.51	327	IAMS_20	IAMS_20	05 46 23.1
N38A	Joos South For	21.51	33	P	P	05 38 35.8 +1.5
N38A	Joos South For	21.51	33	S	S	05 42 34.6 +1.2
451A	Vernon	21.55	66	P	P	05 38 33.8 -1.0
YBH	Yreka Blue Hor	21.58	330	P	P	05 38 36.1 +0.9
YBH	Yreka Blue Hor	21.58	330	LR	LR	05 47 26.3
K05A	Summer Lake	21.63	335	IAMS_20	IAMS_20	05 47 04.0
SLM	Saint Louis	21.71	42	S	S	05 42 39.6 +2.1
X48A	Hartselle	21.74	55	P	P	05 38 36.5 -0.4
KRPM	Rodgers	21.76	327	IAMS_20	IAMS_20	05 46 32.8
S44A	Carbondale	21.77	45	IAMS_20	IAMS_20	05 47 12.9
S44A	Carbondale	21.77	45	P	P	05 38 38.9 +1.7
S44A	Carbondale	21.77	45	S	S	05 42 42.7 +4.1
T45B	Paducah	21.80	47	P	P	05 38 40.9 +3.3
T45B	Paducah	21.80	47	S	S	05 42 40.5 +1.3
SIUC	Southern Illin	21.81	45	IAMS_20	IAMS_20	05 47 12.9
WVT	Waverly	21.92	50	IAMS_20	IAMS_20	05 47 40.8
WVT	Waverly	21.92	50	P	P	05 38 36.4 -2.4
WVT	Waverly	21.92	50	P	P	05 38 41.5 +2.7
WVT	Waverly	21.92	50	S	S	05 42 45.5 +4.0
DLMT	Dillon	21.98	353	IAMS_20	IAMS_20	05 47 17.3
Y49A	Blount Mountain	21.99	57	IAMS_20	IAMS_20	05 48 07.9
Y49A	Blount Mountain	21.99	57	P	P	05 38 39.0 -0.7
BOZ	Bozeman (W)	22.11	354	IAMS_20	IAMS_20	05 47 27.9
BOZ	Bozeman (W)	22.11	354	P	P	05 38 43.4 +2.4
KSXB	Camp Six Broad	22.20	329	IAMS_20	IAMS_20	05 47 14.6
SUSD	Miller	22.29	19	IAMS_20	IAMS_20	05 47 29.4
SUSD	Miller	22.29	19	P	P	05 38 42.9 +0.2
SUSD	Miller	22.29	19	S	Sn	05 42 56.5 -3.4
TGUH	Teguicigalpa,Un	22.32	111	IAMS_20	IAMS_20	05 47 55.4
SCIA	State Center	22.36	31	P	P	05 38 41.8 -1.7
SCIA	State Center	22.36	31	S	S	05 42 49.7 -0.1
ECSD	EROS Data Cent	22.42	23	IAMS_20	IAMS_20	05 47 13.2
ECSD	EROS Data Cent	22.42	23	P	P	05 38 44.5 +0.3
ECSD	EROS Data Cent	22.42	23	P	P	05 38 43.1 -1.0
ECSD	EROS Data Cent	22.42	23	S	S	05 42 51.1 +0.1
352A	Blakely	22.44	64	P	P	05 38 43.7 -0.7
V48A	Smith Brothers	22.46	52	P	P	05 38 45.8 +1.2
V48A	Smith Brothers	22.46	52	S	S	05 42 53.6 +1.8
PINE	Pine Mountain	22.56	336	IAMS_20	IAMS_20	05 48 27.7
Q44A	Meyer Farm, Va	22.63	43	P	P	05 38 48.7 +2.3
Q44A	Meyer Farm, Va	22.63	43	S	S	05 42 53.8 -1.2
KBO	Bosley Butte	22.66	329	IAMS_20	IAMS_20	05 46 56.8
N41A	Harden Midland	22.71	37	IAMS_20	IAMS_20	05 47 45.4
N41A	Harden Midland	22.71	37	P	P	05 38 48.3 +1.1
N41A	Harden Midland	22.71	37	S	S	05 42 57.7 +1.4
Z51A	Franklin	22.77	60	IAMS_20	IAMS_20	05 48 58.5

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Z51A	Franklin	22.77	60	P	P	05 38 48.5 +0.6
Z51A	Franklin	22.77	60	S	S	05 42 57.5 -0.1
P43A	Skaggs, Pawnee	22.78	41	IAMS_20	IAMS_20	05 47 37.3
P43A	Skaggs, Pawnee	22.78	41	P	P	05 38 48.5 +0.6
P43A	Skaggs, Pawnee	22.78	41	S	S	05 42 56.2 -1.3
T47A	Sharon Grove	22.85	49	IAMS_20	IAMS_20	05 47 52.4
T47A	Sharon Grove	22.85	49	P	P	05 38 49.8 +1.1
T47A	Sharon Grove	22.85	49	S	S	05 42 58.4 -0.5
FPAL	Fort Payne	22.86	56	IAMS_20	IAMS_20	05 48 22.0
SWET	Sewanee	22.89	54	IAMS_20	IAMS_20	05 48 27.6
DBO	Dodson Butte	22.93	332	IAMS_20	IAMS_20	05 47 51.0
152A	Waverly Hall	22.93	61	IAMS_20	IAMS_20	05 49 01.9
152A	Waverly Hall	22.93	61	P	P	05 38 48.7 -1.0
152A	Waverly Hall	22.93	61	S	S	05 42 58.0 -2.4
USIN	University of	22.97	46	IAMS_20	IAMS_20	05 47 59.6
CLTN	Cedars of Leba	22.97	52	IAMS_20	IAMS_20	05 48 15.8
OLIL	Olney	23.11	44	P	P	05 38 52.4 +0.9
K38A	Parkersburg	23.14	31	IAMS_20	IAMS_20	05 47 00.6
LAO	LASA Tray	23.15	4	IAMS_20	IAMS_20	05 48 15.2
LAO	LASA Tray	23.15	4	P	P	05 38 52.3 +0.4
LAO	LASA Tray	23.15	4	P	P	05 38 52.0 +0.2
I05D	Terrebonne, OR	23.18	336	IAMS_20	IAMS_20	05 49 07.0
KEBM	Edson Butte	23.22	330	IAMS_20	IAMS_20	05 47 17.7
W50A	Signal Mountai	23.35	55	P	P	05 38 53.8 -0.1
W50A	Signal Mountai	23.35	55	IAMS_20	IAMS_20	05 47 15.8
W50A	Signal Mountai	23.35	55	P	P	05 38 53.0 -1.0
I03D	Drain, OR	23.44	332	IAMS_20	IAMS_20	05 48 34.6
X51A	Calhoun	23.45	57	P	P	05 38 53.2 -1.7
X51A	Calhoun	23.45	57	IAMB	IAMB	05 39 17.2
X51A	Calhoun	23.45	57	IAMS_20	IAMS_20	05 48 41.5
X51A	Calhoun	23.45	57	P	P	05 38 53.4 -1.5
X51A	Calhoun	23.45	57	P	P	05 38 53.4 -1.5
X51A	Calhoun	23.45	57	S	S	05 43 06.9 -2.2
X51A	Calhoun	23.45	57	S	S	05 43 06.9 -2.2
L40A	Anamosa	23.47	34	P	P	05 38 54.3 -0.7
L40A	Anamosa	23.47	34	IAMB	IAMB	05 39 14.8
L40A	Anamosa	23.47	34	P	P	05 38 55.6 +0.5
HDIL	Hopedale	23.49	39	P	P	05 38 55.3 0.0
HDIL	Hopedale	23.49	39	IAMB	IAMB	05 39 00.8
HDIL	Hopedale	23.49	39	IAMS_20	IAMS_20	05 48 09.2
HDIL	Hopedale	23.49	39	P	P	05 38 54.4 -0.9
HDIL	Hopedale	23.49	39	P	P	05 38 55.9 +0.6
TIGA	Tifton	23.54	65	P	P	05 38 54.6 -1.2
TIGA	Tifton	23.54	65	P	P	05 38 53.5 -2.3
TIGA	Tifton	23.54	65	P	P	05 38 56.0 +0.2
U49A	Red Boiling Sp	23.56	52	IAMS_20	IAMS_20	05 48 33.3
U49A	Red Boiling Sp	23.56	52	P	P	05 38 56.4 +0.4
U49A	Red Boiling Sp	23.56	52	S	S	05 43 09.3 -1.5
SOR	Soroa	23.58	87	P	P	05 38 55.0 -1.3
SOR	Soroa	23.58	87	IAMB	IAMB	05 39 01.6
SOR	Soroa	23.58	87	P	P	05 38 55.0 -1.3
SOR	Soroa	23.58	87	Pmax	Pmax	05 38 55.0 -1.3
MSO	Missoula	23.59	351	IAMS_20	IAMS_20	05 47 46.0
MSO	Missoula	23.59	351	P	P	05 38 57.8 +1.5
BUCK	Buck Mountain	23.70	334	IAMS_20	IAMS_20	05 48 27.6
G06A	Carlson Farm,	23.71	339	IAMS_20	IAMS_20	05 47 58.3
O44A	Mansfield	23.73	41	P	P	05 38 56.5 -1.1
O44A	Mansfield	23.73	41	IAMB	IAMB	05 39 08.1
O44A	Mansfield	23.73	41	P	P	05 38 58.5 +0.9
Y52A	Lilburn	23.83	59	P	P	05 38 57.5 -1.1
Y52A	Lilburn	23.83	59	IAMB	IAMB	05 39 04.7
Y52A	Lilburn	23.83	59	IAMS_20	IAMS_20	05 49 18.5
Y52A	Lilburn	23.83	59	P	P	05 38 58.1 -0.5
Y52A	Lilburn	23.83	59	S	S	05 43 14.3 -0.8
Y52A	Lilburn	23.83	59	S	S	05 43 14.3 -0.8
E28A	Huff	23.83	14	P	P	05 39 00.2 +1.6
I37B	Waseca	23.93	28	P	P	05 38 59.2 -0.4
MATN	Matagalpa	24.00	112	P	P	05 38 58.5 -2.1
WCI	Wyandotte Cave	24.03	47	P	P	05 39 00.0 -0.5
WCI	Wyandotte Cave	24.03	47	IAMB	IAMB	05 39 07.6
WCI	Wyandotte Cave	24.03	47	IAMS_20	IAMS_20	05 48 06.7
WCI	Wyandotte Cave	24.03	47	P	P	05 39 00.0 -0.5
WCI	Wyandotte Cave	24.03	47	Pmax	Pmax	05 39 00.0 -0.5
WCI	Wyandotte Cave	24.03	47	MLR	MLR	05 39 00.3 -0.2
WCI	Wyandotte Cave	24.03	47	P	P	05 39 00.6 0.0

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N47A	Urbana	25.86	43	IAMS_20	IAMS_20	05 48 37.0
N47A	Urbana	25.86	43	P	P	05 39 17.0 -0.1
N47A	Urbana			P	P	05 39 17.0 -0.1
D05A	Enunclaw	25.88	339	IAMS_20	IAMS_20	05 48 58.6
I42A	Drager Farm	25.96	34	P	P	05 39 17.9 -0.1
L46A	Eue Claire	26.16	40	P	P	05 39 24.0 +4.1
L46A	Eue Claire			P	P	05 39 24.0 +4.1
JSC	Jenkinsville	26.17	60	P	P	05 39 21.0 +1.2
JTS	Las Juntas de	26.18	116	IP	IP	05 39 21.3 +1.0
JTS	Las Juntas de	26.18	116	P	P	05 39 19.5 -0.8
JTS	Las Juntas de	26.18	116	LR	LR	05 49 46.8
G40A	Rib Lake	26.34	30	P	Iamb	05 39 19.7 -1.8
G40A	Rib Lake			P	Iamb	05 39 31.3
G40A	Rib Lake	26.34	30	P	P	05 39 20.5 -1.0
O49A	Covington	26.35	45	P	P	05 39 21.0 -0.6
O49A	Covington			P	P	05 39 21.0 -0.6
KMSC	Kings Mountain	26.37	58	P	Iamb	05 39 21.1 -0.8
KMSC	Kings Mountain			P	Iamb	05 39 35.8
KMSC	Kings Mountain			IAMS_20	IAMS_20	05 49 07.8
KMSC	Kings Mountain	26.37	58	P	P	05 39 20.0 -1.8
KMSC	Kings Mountain	26.37	58	P	P	05 39 23.1 +1.3
COVE	Coope Vega, Sa	26.41	115	P	Iamb	05 39 19.3 -3.0
COVE	Coope Vega, Sa			P	Iamb	05 39 50.4
SOCE	Pocosol	26.41	116	P	P	05 39 21.5 -0.9
SOCE	Pocosol			P	Iamb	05 39 26.9
Q51A	Peebles	26.43	48	IAMS_20	IAMS_20	05 49 54.2
Q51A	Peebles			P	P	05 39 22.6 +0.2
Q51A	Peebles	26.43	48	P	P	05 39 22.6 +0.2
Q51A	Peebles			P	P	05 39 22.6 +0.2
U54A	Nelsons Funny	26.47	55	IAMS_20	IAMS_20	05 50 56.5
GNW	Green Mountain	26.49	338	P	IAMS_20	05 39 21.0 -1.7
GNW	Green Mountain			IAMS_20	IAMS_20	05 50 33.6
AGMN	Agassiz Nation	26.69	19	P	P	05 39 23.1 -1.5
AGMN	Agassiz Nation	26.69	19	P	P	05 39 25.0 +0.4
AGMN	Agassiz Nation	26.69	19	P	P	05 39 24.7 +0.2
AGMN	Agassiz Nation			S	S	05 44 00.8 +0.3
V55A	Taylorville	26.69	56	P	P	05 39 26.0 +1.3
V55A	Taylorville			P	P	05 39 26.0 +1.3
NLWA	Neilton Lookou	26.71	337	IAMS_20	IAMS_20	05 50 35.3
NHSC	New Hope	26.73	63	P	P	05 39 23.5 -1.6
NHSC	New Hope	26.73	63	P	P	05 39 28.1 +3.0
NHSC	New Hope	26.73	63	P	P	05 39 28.1 +3.0
Y57A	Sumter	26.79	61	P	P	05 39 24.9 -0.7
Y57A	Sumter	26.79	61	P	P	05 39 27.7 +2.1
Y57A	Sumter			P	P	05 39 27.7 +2.1
E38A	The Farm, Brul	26.79	27	IAMS_20	IAMS_20	05 48 33.0
E38A	The Farm, Brul	26.79	27	P	P	05 39 26.8 +1.3
N49A	Colonus Grove	26.84	44	P	P	05 39 27.0 +1.0
N49A	Colonus Grove			P	P	05 39 27.0 +1.0
P51A	Williamsport	26.84	48	IAMS_20	IAMS_20	05 49 53.1
P51A	Williamsport			P	P	05 39 26.1 +0.1
P51A	Williamsport	26.84	48	P	P	05 39 26.1 +0.1
HDC	Heredia	27.03	116	eP	P	05 39 25.9 -2.2
R53A	Hurricane	27.09	51	IAMS_20	IAMS_20	05 49 32.9
R53A	Hurricane	27.09	51	P	P	05 39 28.2 -0.1
R53A	Hurricane			P	P	05 39 28.2 -0.1
B04A	Port Angeles	27.14	338	IAMS_20	IAMS_20	05 51 20.0
Q52A	Bidwell	27.15	49	IAMS_20	IAMS_20	05 49 24.2
Q52A	Bidwell	27.15	49	P	P	05 39 29.9 +1.1
Q52A	Bidwell			P	P	05 39 29.9 +1.1
L48A	N Adams	27.25	42	P	P	05 39 28.9 -0.7
L48A	N Adams			Iamb	Iamb	05 39 52.4
L48A	N Adams	27.25	42	P	P	05 39 29.2 -0.5
L48A	N Adams			P	P	05 39 29.2 -0.5
ACSO	Alum Creek Sta	27.26	46	IAMS_20	IAMS_20	05 50 19.1
ACSO	Alum Creek Sta	27.26	46	P	P	05 39 28.6 -1.2
ACSO	Alum Creek Sta	27.26	46	P	P	05 39 31.3 +1.5
SS4A	Dingess, Beckl	27.34	52	IAMS_20	IAMS_20	05 51 23.3
Y58A	Scranton	27.34	61	IAMS_20	IAMS_20	05 51 28.6
Y58A	Scranton	27.34	61	P	P	05 39 32.4 +1.9
Y58A	Scranton			P	P	05 39 32.4 +1.9
W57A	Gilead	27.42	59	P	P	05 39 33.3 +2.1
W57A	Gilead			P	P	05 39 33.3 +2.1
W57A	Gilead	27.42	59	P	P	05 39 33.3 +2.1
C03A	Quillaker Air	27.43	336	IAMS_20	IAMS_20	05 50 11.4
B35A	Bob, Littlefor	27.43	22	IAMS_20	IAMS_20	05 49 54.7
COWI	Conover	27.46	30	P	P	05 39 30.4 -1.1
COWI	Conover			IAMS_20	IAMS_20	05 49 56.8
COWI	Conover	27.46	30	P	P	05 39 30.9 -0.7
P52A	Corning	27.55	48	P	Iamb	05 39 32.2 -0.1
P52A	Corning			Iamb	Iamb	05 39 42.1
P52A	Corning			IAMS_20	IAMS_20	05 50 50.8
P52A	Corning	27.55	48	P	P	05 39 31.5 -0.9
F42A	Maple Grove Fa	27.68	32	P	P	05 39 32.3 -1.2
BLA	Blacksburg	27.77	54	IAMS_20	IAMS_20	05 51 08.8
BLA	Blacksburg	27.77	54	P	P	05 39 32.8 -1.6
J47A	Summer	27.77	39	IAMS_20	IAMS_20	05 50 16.5
J47A	Summer	27.77	39	P	P	05 39 35.5 +1.1
J47A	Summer			P	P	05 39 35.5 +1.1
M50A	Fremont	27.82	44	P	Iamb	05 39 34.1 -0.7
M50A	Fremont			Iamb	Iamb	05 39 44.8
M50A	Fremont			IAMS_20	IAMS_20	05 50 22.9
M50A	Fremont	27.82	44	P	P	05 39 35.2 +0.4
M50A	Fremont			P	P	05 39 35.2 +0.4

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EYMN	Ely	27.90	25	IAMS_20	IAMS_20	05 49 55.2
EYMN	Ely	27.90	25	P	P	05 39 34.3 -1.2
EYMN	Ely	27.90	25	P	P	05 39 34.5 -1.0
AAM	Ann Arbor	27.92	42	P	P	05 39 34.9 -0.8
O52A	Adamsville	27.97	48	P	P	05 39 35.1 -1.1
O52A	Adamsville			Iamb	Iamb	05 39 45.6
O52A	Adamsville			IAMS_20	IAMS_20	05 50 28.0
O52A	Adamsville	27.97	48	P	P	05 39 36.7 +0.5
O52A	Adamsville			P	P	05 39 36.7 +0.5
P53A	Whipple	27.99	49	IAMS_20	IAMS_20	05 50 29.6
P53A	Whipple	27.99	49	P	P	05 39 37.2 +0.9
P53A	Whipple			P	P	05 39 37.2 +0.9
P53A	Whipple			P	P	05 39 37.2 +0.9
P53A	Whipple			P	P	05 39 37.2 +0.9
N51A	Ashland	28.00	46	P	P	05 39 36.1 -0.3
N51A	Ashland			P	P	05 39 36.1 -0.3
Q54A	Coxs Mills	28.16	50	P	Iamb	05 39 36.8 -1.1
Q54A	Coxs Mills			Iamb	Iamb	05 40 18.8
Q54A	Coxs Mills			IAMS_20	IAMS_20	05 50 08.1
Q54A	Coxs Mills	28.16	50	P	P	05 39 38.3 +0.4
Q54A	Coxs Mills			P	P	05 39 38.3 +0.4
V58A	Windy Hill, Pi	28.29	58	IAMS_20	IAMS_20	05 51 31.8
V58A	Windy Hill, Pi	28.29	58	P	P	05 39 39.4 +0.3
V58A	Windy Hill, Pi			P	P	05 39 39.4 +0.3
R55A	Marlinton	28.39	52	P	P	05 39 40.2 +0.2
R55A	Marlinton			Iamb	Iamb	05 39 57.4
R55A	Marlinton	28.39	52	P	P	05 39 39.6 -0.4
R55A	Marlinton			P	P	05 39 39.6 -0.4
ULM	Lac du Bonnet	28.44	17	eP	P	05 39 39.7 -0.5
ULM	Lac du Bonnet	28.44	17	P	P	05 39 38.7 -1.5
ULM	Lac du Bonnet			Lg	Lg	05 48 47.4
ULM	Lac du Bonnet			LR	LR	05 50 48.2
ULM	Lac du Bonnet			LR	LR	05 50 48.2
G45A	Suttons Bay	28.45	36	IAMS_20	IAMS_20	05 51 33.2
O53A	New Philadelphia	28.46	48	IAMS_20	IAMS_20	05 50 42.9
O53A	New Philadelphia	28.46	48	P	P	05 39 37.6 -2.9
Y60A	Bonnet	28.53	62	IAMS_20	IAMS_20	05 52 32.2
T57A	Hurt	28.57	55	P	P	05 39 46.3 +4.8
T57A	Hurt			P	P	05 39 46.3 +4.8
OZB	Mount Ozzard	28.61	337	IAMS_20	IAMS_20	05 50 09.9
W59A	Clinton	28.64	59	IAMS_20	IAMS_20	05 51 55.0
E43A	Lone Tree Farm	28.68	32	P	P	05 39 41.5 -0.9
GLMI	Grayling	28.87	37	P	P	05 39 42.8 -1.3
N53A	Lisbon	28.97	47	P	Iamb	05 39 44.8 -0.2
N53A	Lisbon			Iamb	Iamb	05 39 54.8
N53A	Lisbon			IAMS_20	IAMS_20	05 50 47.4
N53A	Lisbon	28.97	47	P	P	05 39 45.7 +0.6
N53A	Lisbon			P	P	05 39 45.7 +0.6
M52A	Chestnut	28.98	45	P	P	05 39 44.6 -0.6
M52A	Chestnut			P	P	05 39 44.6 -0.6
O54A	Avella	29.00	48	P	P	05 39 46.1 +0.8
O54A	Avella			P	P	05 39 46.1 +0.8
SS7A	Dark Hollow, R	29.05	54	IAMS_20	IAMS_20	05 51 23.8
CNCC	Cliffs of the	29.10	59	IAMS_20	IAMS_20	05 50 53.1
CNCC	Cliffs of the	29.10	59	P	P	05 39 44.2 -2.0
CNCC	Cliffs of the			P	P	05 39 44.2 -2.0
MCWV	Mont Chateau	29.14	50	IAMS_20	IAMS_20	05 52 37.0
MCWV	Mont Chateau	29.14	50	P	P	05 39 46.0 -0.6
MCWV	Mont Chateau			P	P	05 39 51.4 +4.8
Q56A	Snyder Ridge	29.36	51	IAMS_20	IAMS_20	05 51 55.8
Q56A	Snyder Ridge	29.36	51	P	P	05 39 48.5 0.0
Q56A	Snyder Ridge			P	P	05 39 48.5 0.0
M53A	W. Miller and	29.38	46	P	P	05 39 48.2 -0.5
CBB	Campbell River	29.47	338	IAMS_20	IAMS_20	05 51 04.5
U59A	Littleton	29.48	57	P	Iamb	05 39 48.8 -0.8
U59A	Littleton			Iamb	Iamb	05 40 06.9
U59A	Littleton	29.48	57	P	P	05 39 50.5 +0.9
U59A	Littleton			P	P	05 39 50.5 +0.9
PAMR	Moraine State	29.53	47	P	P	05 39 52.7 +2.6
EDM	Edmonton	29.82	354	IAMS_20	IAMS_20	05 52 16.0
T59A	Double "B" Far	29.85	56	P	P	05 39 52.2 -0.7
T59A	Double "B" Far			P	P	05 39 52.2 -0.7
R58B	Mineral	29.92	54	IAMS_20	IAMS_20	05 51 59.8

22d 5h

Table with columns: Code, Name, Time, Status, Location, etc. Includes entries like BARC Barichara, DLBC Dease Lake, PAMC Pamplona, etc.

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Table with columns: Code, Name, Time, Status, Location, etc. Includes entries like TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, etc.

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Table with columns: Code, Name, Time, Status, Location, etc. Includes entries like INK Inuvik, I26K Coal Creek Min, I26K Coal Creek Min, etc.





Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZEA, CLL, MDJ, JKH, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MNK, MDJ, JKH, DZM, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SNA, HKPS, DAV, WRA, etc.

NNC 22 06:01:25.0: 1.7, 41.72N; 78.24E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=11.6km s-min=9.3km az=151.0, Suspected Mining explosion.

KRNET 22 06:01:25.4: 0.1, 40.83N; 77.40E, h30km, mb2.5, ISC 22 06:11:05.8: 3.4, 51.32N; 17.00E, h0km, n12, r18317, 10C-2D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Azimuth, Elevation, and other parameters. Includes stations like PRZ, ANVS, SATY, etc.

IDC 22 06:11:05.3: 2.9, 53.82N; 88.02E, h0km, mbmp3.1/2, ML2.8/2, Error ellipse: s-maj=23.7km s-min=16.7km az=57.0

NNC 22 06:11:06.3: 2.1, 53.62N; 88.02E, h0km, mb3.3, mpv3.0, Error ellipse: s-maj=16.8km s-min=8.8km az=61.0, Suspected Mining explosion.

ISC 22 06:11:05.8: 3.4, 53.8N; 0.1: 88.0E; 0.2, h0km, n9, r1812/12, 5C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Azimuth, Elevation, and other parameters. Includes stations like I46RU, ZAAO, ZALV, etc.



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the 2017 SEP section.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the NOU 22 07:28:26.3, 21.66S:170.03E, h0km, MLv3.5/7, Southeast of Loyalty Islands, Southeast of Loyalty section.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the IDC 22 07:34:59.5:3.0, 54.39N:87.23E, h0km, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=24.2km s-min=17.7km section.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the IDC 22 07:36:01.1: 1.2, 37.26N:141.56E, h0km, mb3.3/5, mbtmp3.5/7, ML3.3/2, MS3.3/1, Error ellipse: s-maj=33.7km s-min=20.3km az=101.0, JMA 22 07:36:03.8:0.2, 37.3N:106.142E, h39km, 4km, MV3.9/38, E OFF FUKUSHIMA PREF section.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the IDC 22 07:42:40.8:3.0, 53.90N:86.78E, h0km, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=23.3km s-min=14.1km section.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the IDC 22 07:40:41.5:1.9, 17.67S:173.18W, h0km, mb3.7/4, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=72.6km s-min=23.0km az=138.0, Tonga Islands section.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the 0.2nm, 0.7s section.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the H112 WAKE ISLAND Hy 32.63 166 T, H113 WAKE ISLAND Hy 32.64 166 T, H111 WAKE ISLAND Hy 32.65 166 T, H1151 WAKE ISLAND Hy 33.0 167 T, H11S3 WAKE ISLAND Hy 33.81 167 T, H11S2 WAKE ISLAND Hy 33.82 167 T, MKAR Makanchi Array 48.09 296 P, SPITS Spitsbergen Arr 48.27 350 P, NB2 NORSAR Subarra 64.56 343 P, NOA NORSAR Arr B 64.56 343 P, HFS Hagfors 64.94 342 P, TXAR Lajitias Array 71.77 66 P, WRA Warramunga Arr 74.64 204 P.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the IDC 22 07:42:40.8:3.0, 53.90N:86.78E, h0km, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=23.3km s-min=14.1km section.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the ATH 22 07:44:36.7, 39.01N:126.27E, h16km, 2km, ML2.1/4, Manual Solution by A.Moschou First location: 2019/05/12 05:09:35, This location: 2019/05/12 05:09:10 ML, Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 4 km; Longitude uncertainty: 2 km, DDA 22 07:44:36.4: 0.0, 38.94N:26.25E, h7km, 2km, ML2.3, ISK 22 07:44:36.5, 38.93N:26.25E, h8km, ML2.6/13, THE 22 07:44:37.2, 38.97N:26.27E, h4km, 1km, ML2.3/6, Error ellipse: s-maj=1.6km s-min=0.4km az=34.0, ISK 22 07:44:36.8:0.9, 38.97N:0.02:26.25E:0.02, h11km, 6km, n41, -058772, Aegean Sea section.











Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like MUGZ, NMHZ, OMRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PCIG, PEIG, PUERTO ESCONDI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DAVO, WRA, ASUC, etc.

IDC 22 09:19:57.2:12.0, 8.40Sx115.61E, h0km, mb3.6/3, mbmp3.7/3, Error ellipse: s-maj=249.1km s-min=157.1km az=10.0

DJA 22 09:19:58.3:0.4, 8.54Sx111.5E, h10km, M3.9, MLv3.5/9, ISC 22 09:19:58.0:0.9, 8.38S:0.08:115.47E:0.06, h10km, n13, c=60/14, mb3.8/3, Ball region

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

ASAR Alice Springs 23.30 133 P 09 25 06.0 -0.4

STKA Stephens Creek 37.30 138 P 09 26 39.4 -0.2

NEIC 22 09:20:28.7:2.4, 15.67N:0.09:95.03W:0.03, h21km, 2km, mb4.2/7, Md4.2(MEX), Error ellipse: s-maj=12.8km s-min=3.9km az=186.0

MEX 22 09:20:30.3:0.3, 15.57N:94.98W, h30km, 18km, MD4.2, ISC 22 09:20:27.5:1.4, 15.56N:0.09:95.00W:0.04, h30km, 15km, n25, c=19/38/34, Near coast of Oaxaca

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

ISC 22 09:26:53.5:1.8, 15.93N:0.06:95.16W:0.03, h37km, 2km, n36, c=125/49, Near coast of Oaxaca

MEX 22 09:26:54.3:1.8, 15.93N:0.07:95.19W:0.04, h35km, 2km, mb4.1/13, Md4.3(16MEX), Error ellipse: s-maj=12.7km s-min=6.0km az=175.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NIIT, HUIG, HUATULO, etc.

ISC 22 09:30:23.8:1.0, 26.77N:144.00E, h0km, mb3.6/7, mbmp3.6/8, ML2.8/1, MS2.9/3, Error ellipse: s-maj=26.3km s-min=23.0km az=58.0

ISC 22 09:30:25.7:1.1, 26.28N:0.1x143.8E:0.1, h10km, n12, c=128/9, mb3.7/7, Bonin Islands region

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

IDC 22 09:35:58.4:3.2, 54.27N:86.86E, h0km, mbmp3.1/2, ML2.7/2, Error ellipse: s-maj=26.0km s-min=16.6km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, etc.

STR 22 09:53:24.1:1.0, 48.7N:5.5W, h0km, MLV1.8/10, Error ellipse: s-maj=0.0km s-min=0.0km az=144.6, Preliminary, France

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

UPP 22 09:59:34.5:3.3, 64.44N:33.01E, h0km, ML1.8, IDC 22 09:59:46.3:3.2, 64.74N:31.69E, h0km, mbmp3.1/4, ML2.2/4, Error ellipse: s-maj=45.5km s-min=11.1km az=10.0

HEL 22 09:59:47.0:0.2, 64.78N:30.90E, h0km, ML2.0, Suspected explosion

KOLA 22 09:59:48.8:64.80N:30.38E, h0km, ML2.1, Error ellipse: s-maj=31.8km s-min=23.8km az=10.0, Kostomuksha, Karelia

ISC 22 09:59:48.1:1.0, 64.85N:0.02:30.52E:0.05, h0km, n41, c=169/64, Finland-Karelia border region

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

OBFO 22 09:59:59.0:0.9, 64.85N:0.02:30.52E:0.05, h0km, n41, c=169/64, Finland-Karelia border region

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

APA0 Apatity Array 2.94 19 P 09 01 37.0 +1.2

BURO FINNESS Array S 3.97 213 SG Sg 09 01 53.0 -0.7

FINES FINES Array R 3.97 213 Pn Pn 09 00 50.0 -0.1

HARU HARU 4.19 293 P 09 01 54.5 +1.4





ILAR Eielson Array 63.08 337 P P 12 33 05.8 -0.8
comp-Z:0.2nm,0.6s,baz=117,slow=7.2,SNR=2.2
comp-Z:0.2nm,0.6s

CMAR Chiang Mai Arr 146.34 341 PKPbc PKPab 12 42 20.0 -1.7
comp-Z:1.0nm,0.6s,baz=349,slow=6.8,SNR=5.6

IDC 22 13:25:43.2,2.2,8.14S:127.41E,h0km,mb3.6/1,
mbtmp3.1/3,ML3.1/2,Error ellipse: s-maj=268.0km
s-min=33.1km az=63.0,Timor region

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 13.52 151 Op Pn 12 36 56.0 0.0

ASAR Alice Springs 16.65 159 Pn Pn 12 39 38.3 +0.1
ASAR 0.1nm,0.3s,baz=266,slow=9.0,SNR=7.9

ASAR Alice Springs 16.65 159 Pn Pn 12 39 38.3 +0.1
ASAR 0.1nm,0.3s,baz=313,slow=15,SNR=2.5

MKAR Makanchi Array 67.80 328 P P 12 46 43.1 0.0
0.3nm,0.5s,baz=123,slow=5.3,SNR=4.6

IDC 22 13:12:38.2,2.0,8.26S:131.10E,h0km,mb3.5/1,
mbtmp3.4/4,ML3.4/3,MS2.6/1,Error ellipse: s-maj=96.4km
s-min=28.2km az=79.0

IDC 22 13:12:41.5,1.0,8.25S:106.131.0E,0.2,h35km,n10,
c#369/12,Tanimbar Islands region

Code Station Name Az AZZ Phase ID Time Res
SAUI Saumlaki 0.37 45 Op Pn 13 12 52.9 +2.5

ASAR Alice Springs 15.58 170 Pn Pn 13 16 18.7 0.0
0.1nm,0.3s,baz=352,slow=11,SNR=9.8

ASAR Alice Springs 15.58 170 Pn Pn 13 16 18.7 0.0
0.1nm,0.3s,baz=352,slow=11,SNR=9.8

DAV Davao City (W) 16.17 340 LR LR 13 23 55.0
0.4nm,0.8s,baz=125,slow=7.4,SNR=3.0

MKAR Makanchi Array 69.83 327 P P 13 23 51.3 +2.8
0.4nm,0.8s

HEL 22 13:18:07.8,0.3,60.95N:29.42E,h0km,ML1.5,Explosion
IDC 22 13:18:09.6,3.5,60.86N:29.18E,h0km,mbtmp3.3/1,
ML2.8/1,Error ellipse: s-maj=30.9km s-min=14.8km
az=174.0

IDC 22 13:18:06.8,1.7,60.91N:0.06:29.40E,0.07,h0km,n14,
c#94/19,Baltic Seas-Belarus-Northwestern Russia

Code Station Name Az AZZ Phase ID Time Res
RUF Ruokolanti 0.56 337 Op Pn 13 18 17.7 +0.2

RUF Ruokolanti 0.56 337 Op Pn 13 18 17.7 +0.2
RUF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
comp-Z:2.8nm,0.2s

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

VJF Virojoki 0.98 248 PG Pn 13 18 26.1 -0.5
VJF 0.2nm,0.3s,baz=142

THZ Tophouse 24.02 198 P Iamb P 13 32 00.2 -0.6
THZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

THZ Tophouse 24.02 198 P Iamb P 13 32 00.2 -0.6
THZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

LBZ Lake Benmore 27.23 200 P Iamb P 13 32 27.3 -1.7
LBZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
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MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

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MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

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MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

MLZ Mavora Lakes 28.79 201 P P P 13 32 42.4 -0.2
MLZ 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

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SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
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SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
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SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
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SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

SANI Sanana 2.01 217 P Pn 13 29 25.0 -1.5
SANI 0.2nm,0.3s,baz=117,slow=7.2,SNR=2.2

Table with columns: LATG, EGS, EWUT, ENA, YHNB, NNSB, TWB1, SXI1, NFF, ETLH, NACB, FUSF, LIOB, TDCB, LXIB, WUSB. Includes station names, coordinates, and various parameters.

JMA 22 13:33:11.0 ± 0.241°N, 0.8°E, 1237E, 0.8, h21km, 2km

NEAR ISHIGAKI JIMA ISLAND, Southwestern Ryukyuu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HATERUMA JIMA, IRIOTE-FUNAU, KURO-SHIMA, etc.

NEIC 22 13:40:06.5 ± 2.3, 22°6S, 0.1°E, 179.6E, 0.2, h57km, 15km

IDC 22 13:40:07.9 ± 1.1, 22°71S, 179°26E, h563km, 12km, mb3.1/8, mbmp4.0/9

ISC 22 13:40:06.9 ± 0.5, 22°77S, 0°07'W, 179°33E, 0.10, h550km, n84, e174/85, mb4.0/16, 4D, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NONSAVU, RAOU ISLAND, GAKI, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TOOLANGI, MANU, EBDO, etc.

Table with columns: WRA, KNRA, QSPA, SMAI, MAW, NVAR, TROLL, SNA, VNA3, VNA2, PLCA, TXAR, PDAR, ARCES, FINES, AKASO, MMAL, EKA, CLL, TORD. Includes station names and coordinates.

SFS 22 13:55:12.2, 39°55N, 1°10W, h0km, Spain

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ECHE, ETOB, EMUR.

MDD 22 13:56:01.1 ± 0.4, 39°48N, 0°96W, h7km, 6km, mb\_Lg2.2/9, 2D

Spain

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ECHE, COFRENTES, FONT ROJA, etc.

ISK 22 13:58:26.9 ± 0.37, 13N, 27°75E, h4km, ML3.4/29

DDA 22 13:58:27.0 ± 0.0, 37°13N, 27°74E, h8km, 3km, MW3.5

THE 22 13:58:27.4 ± 0.37, 13N, 27°75E, h4km, 2km, ML3.5/6, Error ellipse: s-maj=2.5km s-min=0.8km az=202.0

ATH 22 13:58:28.3 ± 0.37, 18N, 27°69E, h15km, 4km, ML3.4/10, Manual Solution by A.Moschou First location: 2019/05/13 09:44:05, This location: 2019/05/13 09:42:02 ML

Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 4 km; Longitude uncertainty: 4 km

IDC 22 13:58:32.6 ± 0.3, 36°85N, 27°96E, h50km, 37km, mb3.4/4, mbmp3.6/6, ML3.6/2, MS2/51, Error ellipse: s-maj=25.3km s-min=18.4km az=140.0

ISC 22 13:58:27.7 ± 0.8, 37°13N, 0°01', 27°73E, 0.01, h10km, 5km, n80, e68/126, mb0.5/4, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RFTA, MLBS, BDRM, BODT, etc.

Table with columns: GCAM, NISR, KOSK, SMAI, MAW, NVAR, TROLL, SNA, VNA3, VNA2, PLCA, TXAR, PDAR, ARCES, FINES, AKASO, MMAL, EKA, CLL, TORD. Includes station names and coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ASTA, CAIE, APMY, APYU, APYU, APYU, etc.

SKHL 22 14:06:18.0 ± 0.1, 44°00N, 149°50E, h39km, 7km, mb4.5/2

JMA 22 14:06:21.1 ± 0.4, 44°N, 149°E, h30km, MV3.2/10, SE OFF ETOROUA

ISC 22 14:06:18.4 ± 0.4, 44°0N, 0°1'W, 149°4E, 0.2, h35km, n14, e170/20, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KUR, KUR, KUR, etc.





22d 16h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like WUSB, WNT, TWD, WSF, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like KLR, SOMN, MKAR, H1N1, etc.

1646

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like CRLN, PILG, HOED, MOPAN, etc.

PRE 22 15:49:19.4z, 2.9, 22.675z, 25.09E, h10km, ML3.1
EAF 22 15:49:21.5, 22.53S, 25.14E, h15km, MC3.8
BUL 22 15:49:24.2, 1.3, 22.72S, 25.50E, h10km, 15km, MD4.0
ISC 22 15:49:18.8, 1.6, 22.61S, 25.06E, 25.14E, 0.07, h10km, n45,
c280/89, 2D, Botswana

IDC 22 16:07:33.5z, 8.3, 18.59N, 147.91E, h0km, mb3.5/6,
mbtm3.5/6, MS2.0/1, Error ellipse: s-maj=315.8km
s-min=24.5km, az=81.0
ISC 22 16:07:42.3, 10.0, 18.4N, 0.5, 147E, h35km, n7, c0830/6,
mb3.4/6, Mariana Islands

IDC 22 16:11:45.1z, 9.8, 53.66S, 131.95W, h0km, mb3.6/2,
mbtm3.6/2, MS3.2/2, Error ellipse: s-maj=901.5km
s-min=161.1km, az=151.0, Pacific-Antarctic Ridge

NCEDC 22 16:14:57.3, 1.8, 40.58N, 0.06, 127W, 0.1, h17km, 2km,
Error ellipse: s-maj=15.1km, s-min=10.8km, az=269.0
NEIC 22 16:14:55.2, 1.3, 40.71N, 0.09, 127W, 0.2, h14km, 10km,
ML3.0/38, MD3.1/6(NCEDC), Error ellipse: s-maj=18.1km
s-min=11.7km, az=68.0, Off coast of northern California



1647

Table with columns: Call Sign, Name, Power, Band, Mode, etc. Rows include KBO Bosley Butte, KMRM Mail Ridge, KPSX Camp Six Broad, etc.

Table with columns: Call Sign, Name, Power, Band, Mode, etc. Rows include K04D Chiloquin, K05A Summer Lake, J05D Fort Rock, etc.

NEIC 22 16:54:07.0z-1.7, 40:14N-01:05:125:50W,0:01,h5kmz,10km, Error ellipse: s-maj=7.3km s-min=1.1km az=178.0

Table with columns: Code, Station Name, Power, Band, Mode, etc. Rows include KCTM Capetown, KSRM Slide Mountain, KCRM Chalk Rock, etc.

2017 SEP

Table with columns: Call Sign, Name, Power, Band, Mode, etc. Rows include DBO comp=N,24nm,4.3s, K04D Chiloquin, K04D Chiloquin, etc.

Table with columns: Code, Station Name, Power, Band, Mode, etc. Rows include WAT7 Susitna Watana, WAT6 Susitna Watana, WAT5 Susitna Watana, etc.

NEIC 22 17:03:31.0z-2.3, 62:79N-01:02:148:85W,0:04,h22kmz,7km, Error ellipse: s-maj=2.9km s-min=2.7km az=178.0

Table with columns: Code, Station Name, Power, Band, Mode, etc. Rows include SML SML, SML SML, SML SML, etc.

22d 17h

Table with columns: Call Sign, Name, Power, Band, Mode, etc. Rows include BPAW Bear Paw Mtn, WRH Wood River Hill, K24K Donnelly Dome, etc.

22d 17h

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Time. Includes stations like Nabesna, AK, Novinta River, Tanana, Redoubt, White Mountain, etc.

2017 SEP

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Time. Includes stations like Granite Creek, Chitna Glacier, Chitina Glacie, Moose Creek, Fort Yukon, etc.

1648

Table with columns: Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Time. Includes stations like Pine Creek, Elim, Pine Creek, Waddy Craggy, etc.

1649 KKO Keanakako'i 0.42 5 Sg Sg 17 53 26.4 +0.3 17 53 33.2

DJA 22 17:58:45.9 0.5, 1°N, 3°12'28"E, h134km, 6km, M3.7/12, mb3.9/4, ML3.6/12

NEIC 22 17:58:46.1 ±2.3, 0.39S, 0.08 ±127.6E, 0.1, h10km, 1km, mb4.0/8, Error ellipse: s-maj=23.8km s-min=11.2km az=253.0

IDC 22 17:59:26.2 ±10.0, 1.89S, 126.87E, h352km, 117km, mb3.0/3, mbtmp3.8/4, Error ellipse: s-maj=142.3km s-min=33.9km az=65.0

ISC 22 17:58:45.1 ±1.4, 1.3°N, 1°12'28.0"E, 0.1, h150km, n22, 0592/24, mb3.8/6, Halmahera

Code Station Name Az Phase ID Time Res JMI Jan Mayen 1.01 131 Op ISC 18 21 56.4 +0.1

Code Station Name Az Phase ID Time Res JMI Jan Mayen 1.01 131 Op ISC 18 21 56.4 +0.1

2017 SEP JMIC 1.03 126 Pn Pg 18 22 09.3 -0.7

SUMG Summit 8.46 290 Pn Sn 18 23 42.0 +2.3

comp=Z, 4.1nm, 0.3s HSPB Hornsund (broa) 8.92 41 Pn Pn 18 23 48.2 +2.7

comp=Z, 1.1nm, 0.3s, baz=188, slow=22, SNR=9.0

Code Station Name Az Phase ID Time Res JETT Jetta, Norway 10.60 86 Pn Pn 18 24 12.1 +3.5

22d 2018h ESK comp=Z, 30nm, 1.2s FIAO FINES Array B 17.59 106 P Pn 18 25 40.7 -1.0

IDC 22 18:27:26.9 0.8, 31.78S, 71.98W, h17km, 6km, ML2.9

SJA 22 18:27:27.0 1.7, 31.92S, 72.22W, h19km, 31km, ML3.0, MM3.6

ISC 22 18:27:26.7 ±1.1, 31.78S, 71.99W, 0.10, h12km, 12km, n18, c18/31, 1C, Near coast of central Chile

Code Station Name Az Phase ID Time Res CO02 Combarbal 1.02 56 Op ISC 18 27 46.6 +0.3

comp=Z, 12nm, 0.4s JETT Jetta, Norway 10.60 86 Pn Pn 18 24 12.1 +3.5

comp=Z, 35nm, 20.7s, baz=290, slow=35

comp=Z, 1.1nm, 1.3s AS31 Alice Springs 25.48 167 P P 18 03 59.4 -0.1

comp=Z, 1.5nm, 0.6s ARMA Armadale 38.75 146 P P 18 05 56.5 +1.4

comp=Z, 1.1nm, 0.4s JMI Jan Mayen 1.03 126 Pn Pg 18 21 56.4 -0.3

comp=Z, 1.5nm, 0.6s ARMA Armadale 38.75 146 P P 18 05 56.5 +1.4

comp=Z, 1.1nm, 0.4s JMI Jan Mayen 1.03 126 Pn Pg 18 21 56.4 -0.3

comp=Z, 1.5nm, 0.6s ARMA Armadale 38.75 146 P P 18 05 56.5 +1.4

comp=Z, 1.1nm, 0.4s JMI Jan Mayen 1.03 126 Pn Pg 18 21 56.4 -0.3

22d 19h

ISC 22 18:54:46.2:1.0,54:87N;0:04:163:52E;0:04,h47km,9km, n191,r135/168,mb4.3/50,MS3.2,8,1C,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

2017 SEP

Main table listing seismic events with columns: M/LY, Manley, China Poot, Thorafore Moun, Time, Res, ISC. Includes event details like magnitude, depth, and station data.

1650

Table listing seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes event details like magnitude, depth, and station data.

NEIC 22 19:29:13.8:2.0,55:0:1x170:0E:0.1,h84km,10km, mb4.28, Error ellipse: s-maj=17.4km s-min=14.7km az=127.0

IDC 22 19:29:17.7:2.2,20:75S:169:67E,h107km,46km,mb3.7/6, mb4.0/7, Error ellipse: s-maj=63.9km s-min=30.1km baz=35.0

NOU 22 19:29:18.0:2.0,61'S:169:69E,h79km,ML4.6/15, Vanuatu Islands

ISC 22 19:29:15.7:1.3,20:65S:161:69E:0.1,h100km,n39, r15/39,mb4.2/12,40, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 22 19:50:13.4:0.5,40:34N:126:93W,h0km,mb4.4/29, mb4.4/37,ML4.0/8,MS5.0/94, Error ellipse: s-maj=2.9km s-min=2.6km az=26.0

NEIC 22 19:50:15.6:4.0,42'N:126:82'W,h15km, NEIC 22 19:50:15.2:1.8,40:41'N:126:83'W:0.09,h13km,3km, mb5.4/219,ML4.8/56,Ms 20.5/750, Mw5.6/742, Mw5.7/50, Mw5.7/6(NCED), Error ellipse: s-maj=10.4km s-min=7.9km az=61.0, Moment Tensor Solution. Moment tensor: Scale 10^17 Nm; Mr:0.18; Ms:0.39; Mv:0.57; Mw:0.51; Mx:3.85; My:0.13; Fault



Table with columns for station ID (e.g., KIDD, R32K), seismic details (Seismic O, baz), magnitude (e.g., 18.60), time (11:00), and other parameters (P, Pn, +2.9).

Table with columns for station ID (e.g., ELIS, O28M), seismic details (comp, IAMS), magnitude (e.g., 22.06), time (09:22), and other parameters (P, Pmax, MLR).

Table with columns for station ID (e.g., N35A, X34A), seismic details (comp, IAMS), magnitude (e.g., 23.77), time (07:28), and other parameters (P, Pmax, MLR).

1653

Table with columns: Station ID, Name, Frequency, Power, Direction, and other details. Includes stations like KNK, DAWY, J30M, etc.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Direction, and other details. Includes stations like CHGN, K24K, CNBA, etc.

22d 19h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other details. Includes stations like WRH, KVTX, PPLA, etc.

22d 19h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like INK, G26K, MLY, etc.

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like H20K, COLD, OLIL, etc.

1654

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like D22K, A36M, V48A, etc.





Table of astronomical observations for 2017 SEP, 22d 19h. Columns include object name (e.g., Puerto Gaitan, La Joyeuse, An), coordinates (RA, Dec), magnitude, and other parameters.

Table of astronomical observations for 2017 SEP, 22d 19h. Columns include object name (e.g., comp=Z, 3.1nm, 0.7s), coordinates (RA, Dec), magnitude, and other parameters.

Table of astronomical observations for 2017 SEP, 22d 19h. Columns include object name (e.g., KLMR, Klimovskoe, KLIMR), coordinates (RA, Dec), magnitude, and other parameters.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WERD Werda, PDRV Porto dos Gacs, TANN Tannenberghtha, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like OBN Obninsk, UPC Upice, PRU Pruhonice, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like OKC Ostrava-Krasne, DAVOX Davos/Dischmat, VRAC Vranov, etc.



Table with columns: TORQ, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like Torodi Ar. Bea, SONGMO Songo Array, ILAR Eielson Array.

IDC 22 20:16:04.7-1.6, 6.11S, 128.61E, h302km, 20km, mb3.0/2, mbtmp3.9/6, Error ellipse: s-maj=27.5km s-min=18.1km az=108.0

NEIC 22 20:16:05.3-1.2, 6.13S, 0.09x128.68E, 0.06, h307km, 19km, mb4.0/3, Error ellipse: s-maj=12.9km s-min=9.1km az=190.0

ISC 22 20:16:04.2-0.7, 6.09S, 0.07x128.71E, 0.08, h300km, n19, f157/23, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like SAUI Laumliki, FAKI Fak Fak, SOEI Soe, SIJI Sorong, BATI Baumat, MTN Manton Dam, KNRA Kunurra, TOLIJ Tolitoli, WRB Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, MYLDM Lahad Datu, AS31 Alice Springs, ASAR Alice Springs, BBOO Buckleboe, MKAR Makranji Array, ILAR Eielson Array.

UCR 22 20:17:24.1-0.4, 8.77N, 85.97W, h20km, MW3.9, 1C, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like CBL1 Cabuya, NARJA Naranjal, DUNO Dulce Nombre, POPE POPE, Guanacas, JACO JACO, Garabito, ORTG Ortega, Santa, JTS Las Juntas, COLC Colonia, COLC COLC, CUI Cuipilapa, LIM1 Limonal, CASO Castillo, LAPC Finca la Perla, GB3S Finca Las Img, COTE Lago Cote, GP03 Hacienda Santa, HORNC Hornillas, GPS1 Guardaparques, SOCE Pocosol, TABAC Tabacon, BUEV Buena Vista, VIRE La Escondida, MESSE Mesas, GB1A San Pablo, GB1A Borinquen Arri, CEDE Laguna Cedee, FORC Fortuna, VORI VORI, EDDO Dominical, PTEN Parque Tenorio, LCR2 La Lucha 2, WMAR Armenia, Volca, OCM Ochomogo, RIMA Rio Macho, REPA Paraso, BUS1 Rivas, VERA Finca Concepc, WIRE WIRE, HAYA Volcan Irazu, VICA Volcano Irazu, EDBA Buenos Aires, RVLV Villa Bonita, LCOCC El Coco, EDP2 Potrero Grande, EDAD Golfito.

NCEDC 22 20:33:26.2-2.2, 40.48N, 0.07x127.00W, 0.1, h5km, 2km, Error ellipse: s-maj=15.1km s-min=11.3km az=254.0

NEIC 22 20:33:29.4-1.5, 40.46N, 0.07x126.68W, 0.08, h9km, 11km, ML3.0/48, ML3.1/4(NCEDC), Error ellipse: s-maj=11.5km s-min=6.7km az=218.0, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like KSMM Slide Mountain, KMPM Mount Pierce, KMPM Mount Pierce, KMPM Mount Pierce, JCC Jacoby Creek, JCC Jacoby Creek, JCC Jacoby Creek, KRPM Rodgers, KRPM Rodgers, KRPM Rodgers, KRPM Chalk Rock, KRPM Horse Mountain, KRMM Mail Ridge, KRMM Mail Ridge, KRMM Red Mountain.

Table with columns: KCPM Cahto Peak, KSXB Camp Six Broad, KBO Bosley Butte, KBO Bosley Butte, LO2F Cave Junction, KE2M Edson Butte, KE2M Edson Butte, HOPS Hopland Field, HOPS Hopland Field, HOPS Hopland Field, K02D Willamette Mer, VBH Yreka Blue Hor, J01E Myrtle Point, J01E Myrtle Point, GDXM Geysers, GDXM Geysers, DBO Dodson Butte, DBO Dodson Butte, L04D Klamath Falls, MCCM Marconi Confer, ORV Oroville, K04D Chiloquin, OR, BUCK Buck Mountain, AFDM Forest Hills D, AFDM Forest Hills D, K05A Summer Lake, J05D Fort Rock, OR, H04A Detroit Lake, PINE Pine Mountain, CMB Columbia Colle, PNTR Pine Nut, BBGB Big Mountain B, WAKR Walker, J06A Circle Bar Ran, LON Longmire.

IDC 22 20:38:59.5-1.7, 7.709S, 145.19E, h0km, mb3.8/1, mbtmp3.9/4, ML3.4/2, MS4.0/1, Error ellipse: s-maj=45.4km s-min=32.1km az=110.0, Near south coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like PMG Port Moresby, SIJI Sorong, WRA Warramunga Arr, ILAR Eielson Array, TORQ Torodi Ar. Bea, JMA 22 20:45:02.8-0.3, 38.8N, 141.4E, h34km, MV3.5/27, FAR E OFF NORTH HONSHU, Off east coast of Honshu, JKH Ishinomakiboku, OJFU Ofunato, OFJU Ouri, JIO Ouri, JKMT Kesennumototy, JMK Ichinoseki, JMK Ichinoseki, JOM Ohasama, JOM Ohasama, JOTO OTAMA OYAMA, JOTO OTAMA OYAMA, JOK Kaneyama, JYK Nango, JCH Churui, JCH Churui, JRY Ryogami san, NEM2 Nemuro 2, NEM2 Nemuro 2.

NEIC 22 21:07:46.8-0.5, 36.376N, 0.010x97.72W, 0.1, h4km, 4km, Error ellipse: s-maj=1.5km s-min=1.4km az=66.0

TUL 22 21:07:46.2-0.6, 36.376N, 0.004x97.72W, 0.01, h5km, 5km, ML2.6, ML2.4/52(NEIC), Error ellipse: s-maj=1.6km s-min=0.6km az=82.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like CROK Carrier, GC02 Grant County #, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, OK032 Salt Plains WL, KAN14 Manchester OK, OK029 Liberty Lake, OK048 Pawnee Creek, KAN13 South Haven Sw, KAN13 South Haven Sw, KAN17 Caldwell West, KAN17 Caldwell West, OK033 Mehan, OK051 E0350 and S346, OK051 E0350 and S346, OK051 E0350 and S346.

NEIC 22 21:07:46.8-0.5, 36.376N, 0.010x97.72W, 0.1, h4km, 4km, Error ellipse: s-maj=1.5km s-min=1.4km az=66.0

TUL 22 21:07:46.2-0.6, 36.376N, 0.004x97.72W, 0.01, h5km, 5km, ML2.6, ML2.4/52(NEIC), Error ellipse: s-maj=1.6km s-min=0.6km az=82.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like CROK Carrier, GC02 Grant County #, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, OK032 Salt Plains WL, KAN14 Manchester OK, OK029 Liberty Lake, OK048 Pawnee Creek, KAN13 South Haven Sw, KAN13 South Haven Sw, KAN17 Caldwell West, KAN17 Caldwell West, OK033 Mehan, OK051 E0350 and S346, OK051 E0350 and S346, OK051 E0350 and S346.

Table with columns: KAN09 Caldwell North, OK052 Battle Ridge R, QUOK Quay, OK035 E0210 Rd and N, KS20 Mayfield South, KAN08 Anthony Ne Sta, KAN08 Anthony Ne Sta, KAN08 Anthony Ne Sta, KAN12 Cooper NE Sta, OKCSW OKLAHOMA CITY, OKCSW OKLAHOMA CITY, NOKA Waynoka, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, T35A Sooner Cattle, T35A Sooner Cattle, T35A Sooner Cattle, DEOK Depew, DEOK Depew, DEOK Depew, FNO Franklin, W35A Tecumseh, W35A Tecumseh, TUL3 Ellis County, X34A Smith Ranch, M, WMOK Wichita Mounta, R32A Long Quarter, RLO Rose Loukov, U32A Yvette, MGMO Mountain Grove.

IDC 22 21:10:28.2-1.1, 21.59N, 121.86E, h0km, mb3.5/8, mbtmp3.6/10, ML3.5/2, MS3.5/2, Error ellipse: s-maj=26.7km s-min=20.7km az=73.0

JMA 22 21:10:31.2-0.4, 22.22N, 121.8E, 0.9, h71km, MV3.9/16, TAIWAN REGION

TAP 22 21:10:31.1, 21.56N, 121.76E, h40km, ML3.8/D, ISC 22 21:10:30.3-1.6, 21.33N, 0.05x121.84E, 0.03, h16km, 10km, n114, -0.89N/140, mb3.8/7, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like LYUB Lan-yu, LYUB Lan-yu, LAY Lan-yu, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, TWKBT Hengchuen, TWKBT Hengchuen, SMST Manzhou Townsh, SMST Manzhou Townsh, TWK1 Hengchuen, TWK1 Hengchuen, HEN Hengchuen, HEN Hengchuen, LDUT Ludao, LDUT Ludao, SLIU Shizi, SLIU Shizi, TAWH Dawu Township, TAWH Dawu Township, TAWH Dawu Township, TAWH Dawu Township, ECL Taimali, ECL Taimali, TTN Taitung, TTN Taitung, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, EDH Henghe, EDH Henghe, EDH Henghe, LONT Longting, LONT Longting, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, TSMG Majia, TSMG Majia, ECS Chishang, ECS Chishang, ECS Chishang, SSD Sammen, SSD Sammen, FULL Fuli, FULL Fuli, FULL Fuli, FULL Fuli, ECBN Changbin, ECBN Changbin, ELDTW Lidau, ELDTW Lidau, SCST Cishan, SCST Cishan, EYUL Yuli, EYUL Yuli, TWF1 Yuli, TWF1 Yuli, STYH Taoyuan, STYH Taoyuan, YULB Yu-li, YULB Yu-li, YULB Yu-li, YULB Yu-li.



NEIC 22 22:56:19.6; 1.4; 7.5N; 0.1; 35.8W; 0.1, h10km, 1km, mb4.8/26, Error ellipse: s-maj=20.7km s-min=19.1km az=137.0

ISC 22 22:56:19.5; 0.5; 7.42N; 0.09; 35.84W; 0.09, h15km, n45, 0.090/38, mb4.5/24, MS3.1/3, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like RCBR Riachuelo, MDP Montagnes Des, MPOM Morne Pois Mar, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MTBS Maibube, TNSS Tian-Shan, KRBS Karabastau, etc.

2.9nm,0.8s; 5.97 24 Pg Pb 23 18 03.1 +1.4; 7.9nm,0.8s; 5.97 24 Pg Pb 23 18 03.1 +1.4

NEIC 22 23:17:15.3; 1.7; 4.0; 57N; 124.37W, h0km, mb3.6/3, mbmp3.6/6, ML4.1/2, MS2.8/3, Error ellipse: s-maj=21.4km s-min=10.5km az=109.0

NEIC 22 23:17:19.4; 0.7; 4.0; 50N; 124.42W, h27km; NEIC 22 23:17:19.4; 0.7; 4.0; 50N; 124.42W, h33km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mr: 1.0; Mw: 5.43; Mw: 5.31; Mw: 2.53; Mw: 6.73; Mw: 1.10; Fault plane solution: Ms: 0.04000; 1014 NP1: 0.161.86000; 0.78.17000; lambda: -169.07000; NP2: 0.69.59000; 0.79.31000; lambda: -12.04000; Principal axes: T: 8.5495; Plg1: 0.0000; Azm1: 116.0000; N: 0.9134; Plg2: 0.0000; Azm2: 209.0000; P: -9.4630; Plg1: 0.0000; Azm2: 0.0000;

NEIC 22 23:17:19.1; 1.8; 4.0; 51N; 0.02; 124.33W; 0.06, h30km, 8km Error ellipse: s-maj=6.9km s-min=2.9km az=94.0

NCEDC 22 23:17:19.1; 1.2; 4.0; 50N; 0.02; 124.42W; 0.07, h27km, Mw: 3.914, ML3.2/90(NEIC), Error ellipse: s-maj=8.1km s-min=3.2km az=92.0

ISC 22 23:17:18.7; 1.0; 4.0; 50N; 0.03; 124.42W; 0.06, h31km, 6km, n116, 0.091/119, Near coast of northern California

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KCTM Capetown, KMPM Mount Pierce, KSCM Slide Mountain, etc.

1.45 66 Pn 23 17 42.5 -0.4; 1.46 113 Pn 23 17 42.9 -0.2; 1.48 53 Pn 23 17 42.7 -0.6; 1.52 118 Pn 23 17 44.0 -0.3; 1.52 131 Pn 23 17 43.2 -0.8

1.56 146 Pn 23 17 43.3 -1.0; 1.56 29 Pn 23 17 44.9 -0.2; 1.71 5 Pn 23 17 46.2 -0.3; 1.71 5 Sn 23 18 05.3 -2.1; 1.71 5 Sn 23 17 46.2 -0.6

1.71 5 Sn 23 18 06.8 -1.2; 1.71 5 Sn 23 18 10.7; 1.75 50 Pn 23 17 46.9 -0.3; 1.78 99 Pn 23 17 47.2 -0.1

1.78 46 Pg Pn 23 17 47.2 -0.3; 1.78 46 Pg Pn 23 17 47.2 -0.3; 1.78 46 Pg Pn 23 17 47.2 -0.3

1.79 59 Pn 23 17 47.8 +0.3; 1.79 59 Pn 23 17 48.0 +0.6; 1.82 143 Pn 23 17 47.0 -0.9; 1.82 143 Pn 23 17 47.2 -0.9

1.83 143 Pn 23 18 08.3 -1.9; 1.83 143 Pn 23 18 28.8; 1.83 80 Pn 23 17 48.2 0.0; 1.84 130 Pn 23 17 47.8 -0.4

1.91 65 Pn 23 17 49.7 +0.6; 1.91 65 Pn 23 17 51.2 +1.0; 2.01 145 Pn 23 17 51.0 +0.4; 2.01 145 Pn 23 17 51.1 +0.4

2.01 145 Pn 23 17 50.8 +0.2; 2.01 145 Pn 23 17 50.1 -0.5; 2.01 132 Pn 23 17 50.6 0.0; 2.01 91 Pn 23 17 50.0 -0.6

2.01 91 Pn 23 18 02.0 +0.4; 2.01 91 Pn 23 18 02.0 +0.4; 2.01 91 Pn 23 18 02.0 +0.4

2.01 91 Pn 23 17 52.7 +0.8; 2.01 91 Pn 23 17 46.3 -1.3; 2.01 91 Pn 23 17 47.2 -0.3

2.01 91 Pn 23 17 47.0 -0.9; 2.01 91 Pn 23 17 47.2 -0.9; 2.01 91 Pn 23 18 08.3 -1.9

2.01 91 Pn 23 18 28.8; 2.01 91 Pn 23 17 48.2 0.0; 2.01 91 Pn 23 17 47.8 -0.4

2.01 91 Pn 23 17 49.7 +0.6; 2.01 91 Pn 23 17 51.2 +1.0; 2.01 91 Pn 23 17 51.0 +0.4

2.01 91 Pn 23 17 51.1 +0.4; 2.01 91 Pn 23 17 50.8 +0.2; 2.01 91 Pn 23 17 50.1 -0.5

2.01 91 Pn 23 17 50.6 0.0; 2.01 91 Pn 23 17 50.0 -0.6; 2.01 91 Pn 23 18 02.0 +0.4

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like GDXM Geysers, LMEM Manzanita Entr, LGMM Garner Mountain, etc.

2.11 143 Pn 23 17 51.7 -0.3; 2.17 88 Pn 23 17 53.3 +0.4; 2.24 60 Pn 23 17 54.4 +0.5

2.25 90 Pn 23 17 53.8 -0.1; 2.25 90 Pn 23 17 54.4 +0.4; 2.27 81 Pn 23 17 54.8 +0.6

2.28 137 Pn 23 17 54.6 +0.3; 2.31 142 Pn 23 17 54.4 -0.4; 2.32 72 Pn 23 17 55.1 +0.1

2.33 56 Pn 23 17 55.5 +0.4; 2.34 42 Pn 23 17 55.5 +0.3; 2.35 52 Pn 23 17 55.6 +0.2

2.36 81 Pn 23 17 55.5 +0.2; 2.37 2 Pn 23 17 55.5 0.0; 2.37 2 Pn 23 18 30.7

2.37 2 Pn 23 18 30.7; comp=E, 194nm, 0.5s; comp=N, 125nm, 0.6s

2.42 110 Pn 23 17 55.8 -0.4; 2.43 112 Pn 23 17 55.3 -1.0; 2.46 114 Pn 23 17 55.6 -1.1

2.49 114 Pn 23 17 56.0 -1.0; 2.51 136 Pn 23 17 57.8 +0.4; 2.56 110 Pn 23 17 58.0 -0.2

2.64 153 Pn 23 17 59.0 -0.2; 2.64 153 Pn 23 17 59.0 -0.2; comp=N, 71nm, 1.4s

2.68 49 Pn 23 18 00.4 +0.4; 2.68 8 IAML 23 18 02.0 +0.5; 2.76 18 Pn 23 18 01.2 +0.3

2.92 42 Pn 23 18 03.8 +0.8; 3.08 119 Pn 23 18 04.6 -0.6; 3.29 14 Pn 23 18 09.1 +1.0

3.45 49 Pn 23 18 10.5 0.0; 3.45 49 Pn 23 19 28.8; comp=N, 48nm, 1.4s

3.59 108 Pn 23 18 13.6 +1.1; 3.59 108 Pn 23 18 56.8; comp=N, 74nm, 0.9s

3.61 24 Pn 23 18 13.8 +1.2; 3.65 40 Pn 23 18 14.3 +1.0; 3.67 153 Pn 23 18 14.3 -0.5

3.78 85 Pn 23 18 16.1 +1.6; 3.84 16 Pn 23 18 16.8 -1.1; comp=N, 49nm, 3.6s

3.94 100 Pn 23 18 16.8 -0.4; 3.97 109 Pn 23 18 18.8 +0.6; 3.97 109 Pn 23 19 14.3

3.98 127 Pn 23 18 18.4 +0.7; 4.16 11 Pn 23 18 21.2 +1.1; 4.16 11 Pn 23 19 14.6

4.16 11 Pn 23 19 33.5; comp=E, 41nm, 3.9s; 4.18 37 Pn 23 18 21.7 +1.1

4.18 37 Pn 23 19 38.2; comp=E, 23nm, 4.2s; 4.21 17 Pn 23 19 39.9

4.21 17 Pn 23 18 22.4 +1.8; 4.27 109 Pn 23 18 21.8 0.0; 4.27 109 Pn 23 19 14.4

4.27 109 Pn 23 19 42.5; comp=N, 17nm, 2.4s; 4.46 30 Pn 23 18 25.3 +1.1

4.46 30 Pn 23 20 40.1; comp=E, 38nm, 4.6s; 4.49 21 Pn 23 18 25.3 +0.7

4.49 21 Pn 23 19 18.7; comp=E, 28nm, 0.5s; 4.75 64 IAML 23 19 22.9

4.75 64 IAML 23 19 22.9; comp=N, 29nm, 0.4s; 4.75 64 IAML 23 18 26.8 -1.6

4.75 64 IAML 23 20 11.0; comp=N, 12nm, 1.8s; 5.08 105 Pn 23 18 31.3 +0.2

5.08 105 Pn 23 19 51.3; 5.11 114 IAML 23 20 53.3; comp=N, 14nm, 3.1s

5.11 114 IAML 23 20 53.3; comp=E, 16nm, 4.2s; 5.11 44 Pn 23 18 33.8 +0.6

5.11 44 Pn 23 18 35.3 +1.2; 5.11 112 Pn 23 20 38.0; comp=N, 7nm, 0.3s, baz=290, slow=1.4, SNR=5.2

5.11 112 Pn 23 20 38.0; comp=E, 71nm, 20.9s, baz=271, slow=38; comp=N, 11nm, 0.5s

5.27 111 IAML 23 19 34.3; comp=E, 10nm, 4.7s; 5.27 111 IAML 23 19 59.9

5.27 111 IAML 23 19 59.9; comp=N, 8nm, 4.4s; 6.99 85 Pn 23 19 01.6 +2.4

6.99 85 Pn 23 19 01.6 +2.4; 9.35 31 LR 23 23 37.7; comp=N, 55nm, 19.9s, baz=164, slow=41

9.35 31 LR 23 23 37.7; comp=N, 55nm, 19.9s, baz=164, slow=41; comp=N, 2.3nm, 0.5s

9.37 135 Pn 23 19 32.6 +0.9; 10.31 48 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 21 52.8 +0.7

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

KRSC 22 23:23:57.8; 1.4; 5.3; 85N; 168; 80E, h41km, 39km, ML4.4; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5

20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5; 20.21 17 Pn 23 19 48.1 +3.5









1665

Table with columns: Station Name, Frequency, Mode, Power, etc. Includes stations like WMQ, WMQ, WMQ, etc.

2017 SEP

Table with columns: Station Name, Frequency, Mode, Power, etc. Includes stations like K17K, KURK, KURK, etc.

22d 23h

Table with columns: Station Name, Frequency, Mode, Power, etc. Includes stations like J20K, J20K, WRO, etc.

22d 23h

Table containing station codes (e.g., BTL, CMT, TRF), names (e.g., Baial, Chulitna), coordinates (e.g., 52.94 305), and other data (e.g., P, Pmax, 23 58 41.1).

2017 SEP

Table containing station codes (e.g., SCM, G24K, HDA), names (e.g., Sheep Creek Moun, Harding Lake), coordinates (e.g., 54.34 34), and other data (e.g., P, Pmax, 23 58 53.4).

1666

Table containing station codes (e.g., I27K, H27K, L27K), names (e.g., Kandik River, Steamboat Moun), coordinates (e.g., 56.76 29), and other data (e.g., P, Pmax, 23 59 11.7).

Table with columns for call sign, frequency, mode, and various status indicators. Includes stations like INK, F31M, H31M, etc.

Table with columns for call sign, frequency, mode, and various status indicators. Includes stations like Lovozero, Lovozero, Lovozero, etc.

Table with columns for call sign, frequency, mode, and various status indicators. Includes stations like LPSR, SMDO, GROC, etc.

22d 23h

2017 SEP

1668

Table with columns for station ID, name, coordinates, and status. Includes stations like KIV, KISLOVODSK, KDV, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like DOK, LYMT, DENNISTON, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like KLNR, KALININGRAD, YMP, etc.

1669

Table with 4 columns: Call Sign, Location/Name, Frequency, and Mode. Includes entries like BSD Bornholm Skovb, HOMB Homborsund, BR131 Keskin Array S, etc.

2017 SEP

Table with 4 columns: Call Sign, Location/Name, Frequency, and Mode. Includes entries like K22A Casper, PLAR OVESTI, VOIR Messeri, etc.

22d 23h

Table with 4 columns: Call Sign, Location/Name, Frequency, and Mode. Includes entries like VRAC Vranov, PVCC Panska Ves, BRG Buzias, etc.

Table listing astronomical observations for 23d Oh, including station names like KHC, IAMB, KBN, etc., and observation details like time, coordinates, and equipment used.

Table listing astronomical observations for 2017 SEP, including station names like KBN, KBC, SKDS, etc., and observation details like time, coordinates, and equipment used.

Table listing astronomical observations for 2017 SEP, including station names like SDV, BELA, TROLL, etc., and observation details like time, coordinates, and equipment used.



1671

Table with columns: UCH, Uchtor, 3.09, 36, eP, Pn, 00 06 18.5 +1.0, etc.

IDC 23 00:14:05.0-5.34, 20N:74:42E, h0km, mb4.3/26, mbtmp4.3/31, ML3.7/5, MS4.0/7, Error ellipse: s-maj=13.9km s-min=11.5km az=35.0

MOS 23 00:14:07.6-1.1, 34:24N:74:52E, h22km, mb4.6/25, Error ellipse: s-maj=8.8km s-min=4.4km az=98.6

NDI 23 00:14:09.3-7.3, 34:22N:74:27E, h10km, mb4.8, MW4.4, mb4.6(NEIC)

BUI 23 00:14:10.3-0.0, 34:19N:74:72E, h37km, mb4.5/32, mb4.6/12, ML4.1/2, MS4.0/5, Ms7.9/4

NEIC 23 00:14:11.5-1.2, 34:21N:074:59E, h0.08, h35km, 1km, mb4.6/80, Error ellipse: s-maj=13.4km s-min=10.6km az=208.0

NNC 23 00:14:12.1-9.3, 34:20N:73:40E, h32km, 95km, mb4.1, mpv3.9, Error ellipse: s-maj=71.0km s-min=59.7km az=122.0

ISC 23 00:14:09.4-0.6, 34:22N:0:03:74:52E, h0.03, h25km, 4km, n251, s1972/290, mb4.5/82, MS4.2/8, 21C-8D, Southwestern Kashmir

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

2017 SEP

Main table with columns: GEYT, Alibeck, 13.77, 290, Pn, 00 17 21.1 -1.9, etc.

23d 0h

Main table with columns: SONM, comp=Z, 2.0nm, 0.8s, pmax, pmax, 00 19 54.1 +1.2, etc.

23d Oh

Table of astronomical observations for 23d Oh, including columns for object name (e.g., SBUM Sibiu, CAMP Campotosto), coordinates, magnitudes, and various flags (P, I, A, M, B).

2017 SEP

Table of astronomical observations for 2017 SEP, including columns for object name (e.g., J30M, L27K), coordinates, magnitudes, and various flags (P, I, A, M, B).

1672

Table of astronomical observations for 1672, including columns for object name (e.g., MVSF Nonsavu), coordinates, magnitudes, and various flags (P, I, A, M, B).



23d Oh

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like E08A, TCRU, BMO, etc.

2017 SEP

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like H21K, MNTX, HDA, etc.

1674

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and other parameters. Includes stations like H17A, H17A, SAND, etc.

1675

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BNN Bunyan, BR131 Keskin Array S, BR131 Keskin Array B, etc.

NEIC 23 00:49:28.8 ± 1.9, 6.59S; 0.06x130.23E ± 0.06, h129km, 11km, mb4.3/9, Error ellipse: s-maj=9.6km s-min=8.0km

IDC 23 00:49:29.3 ± 2.1, 6.45S; 130.28E, h133km, 19km, mb3.7/7, mbmp4.3/10, Error ellipse: s-maj=28.6km s-min=16.2km

DJA 23 00:49:29.5 ± 0.3, 7.2S ± 1.3°E, h188km, 6km, M4.5/14, mb5.0/7, mb4.3/10, MLV4.7/14, Mw(mb)4.4/7

ISC 23 00:49:29.6 ± 0.6, 6.59S; 0.04x130.21E ± 0.06, h150km, n57, c231/63, mb4.2/9, Banda Sea

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

SOME 23 01:05:29.9 ± 42.10N; 79.17E, h15km
KRNET 23 01:05:30.0 ± 0.1, 42.07N; 79.13E, h7km, mb3.0
NNC 23 01:05:33.0 ± 1.2, 42.26N; 79.18E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=8.5km s-min=4.0km az=150.0

2017 SEP

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRZ Przheval'sk, UZB Uzynbulak, etc.

23d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TKM2 Tokmak 2, TDK Taldygorghan, etc.

DJA 23 01:18:57.5 ± 0.5, 8.5S; 4.1°E, h10km, M3.8/11, mb4.0/1, MLV3.6/11, Ball region

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

IDC 23 01:59:55.1 ± 0.5, 58.76S; 25.42W, h0km, mb4.9/9, mbmp4.3/11, ML4.1/2, MS3.5/20, Error ellipse: s-maj=24.8km s-min=16.4km az=53.0

NEIC 23 02:00:01.4 ± 1.5, 58.83S; 0.10x25.33W ± 0.1, h44km, 5km, mb4.7/24, Error ellipse: s-maj=14.6km s-min=9.3km

ISC 23 01:59:59.0 ± 0.4, 58.80S; 0.08x25.32W ± 0.09, h35km, n92, c078/73, mb4.6/16, MS3.5/18, 2C-8D, South Sandwich Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Curarrehue, Mawson, Tunca, La Punta, Talagante, etc.

IDC 23 02:04:33.17.6.14:55N-93:45W, h0km, mb3.5/3, mbmp3.5/4, ML3.2/1, MS3.3/3, Error ellipse: s-maj=136.8km s-min=48.4km az=170.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like El Naranjo, Paveucul, Santiago Nilitte, Comitan, etc.

KRNET 23 03:12:19.9.0.1, 40:50N:75:30E, h14km, mb2.9
SOME 23 03:12:20.6.0, 40:60N:75:30E, h0km
NCC 23 02:14:30.9.3.38:23N:72:22E, h218km, mb2.2, mpv3.3, Error ellipse: s-maj=33.7km s-min=21.2km az=23.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Naryn, Sufz-Kurgan, Aral, Uchtor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TARG, TKM2, TKM2, TKM2, etc.

IDC 23 03:34:23.6.1.1, 16:26N:95:64W, h0km, mb3.8/9, mbmp3.8/1, ML3.9/2, MS3.4/19, Error ellipse: s-maj=34.2km s-min=18.1km az=53.0

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

Table with columns: JTS, Las Juntas de, 12.49 115, Pn, 03 37 13.9 -8.8, TXAR, TXAR, ANMO, ANMO, SJCC, CBOC, YBTC, CBAC, ORTC, CHIC, RUSC, PFO, PDAR, PDAR, ATAH, NV11, NV11, NVAR, NVAR, ELK, NNA, NEW, LPAZ, MDP, RPN, RES, KDOK, SFJD, ILAR, ILAR, PLCA, ESDC, NB2, NOA, NOA, MA2, GERES, WRA, PZ28, NEIC 23 03:34:25.2, MEX 23 03:34:31.8, ISC 23 03:34:25.3, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC

NEIC 23 03:34:25.2, 1.7, 5N, 0.1, 95, 18W, 0.0, 8, h36km, 2km, mb4.2/70, Md4.4/13(MEX), Error ellipse: s-maj=19.1km s-min=12.3km az=200.0

MEX 23 03:34:31.8, 0.7, 15.58N, 94.80W, h16km, 48km, MD4.4, ISC 23 03:34:25.3, 0.9, 15.52N, 0.07, 95, 17W, 0.06, h37km, n99, -2501/94, mb4.2/17, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like NILT, CARR, PCIG, TGIG, YOIG, PATR, PAVE, CHJU, CCIG, RTAL, HUEN, PETF, UNM, ESQI, MTO3, TEIG, TEIG, TEIG, ZAI, 833A, HKT, HND, JCT, TXAR, BRDY, OZNA, 344A, ALPN, ALBN, 425A, Z35A, APMT, 344A, WFTS, WFTS, MNTX, DKNS, X37A

Table with columns: X37A, MIAR, W35A, WHAR, AMTX, AMTX, TUL3, OK03, OK052, FCAR, 121A, RLO, QUOK, HHAR, U38A, OK048, OK051, T35A, PWT, MGMO, MGMO, T42A, ANMO, GUY2C, S39A, TKL, TKL, T47A, R40A, W18A, P40A, S22A, MVCO, MVCO, WUAZ, WUAZ, SDV, PV01, Q51A, Q51A, I09A, I09A, SHPR, ID07, REDW, KVIN, SNOW, LOHW, MOOV, HLID, HLID, DLMT, WVOR, J08A, J08A, OVMT, IDC 23 03:54:41.9, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC

IDC 23 03:54:41.9, 7.0, 24.55N, 141.07E, h116km, 100km, mb3.4/3, mbmt3.8/3, ML3.3/1, Error ellipse: s-maj=131.9km s-min=28.3km az=75.0, Volcano Islands region

AZER 23 05:01:47.9, 7.6, 34.80N, 49.40E, h10km, 346km, Error ellipse: s-maj=1091.0km s-min=27.6km az=338.0, TEH 23 05:01:52.9, 34.96N, 49.99E, h11km, ML3.5, ISC 23 05:01:54.6, 0.9, 34.96N, 0.03, 50.00E, 0.03, h10km, n47, 01506/52, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like IRAZ, HAGD, IQOM, IQOM, IMHD, IMHD, HNSB, TEH, TEH, TEHA, IVRN, IGZV, QSDN, QAMS, JIR1, KLST, IBZA, ISFB, MZPU, KRSH, IKLH, IKOM, IKFM, IPRN, IFIR, IPIR, KER, ILAS, ILIN

Table with columns: KCHF, ISHM, IZEF, IGHG, IDHR, IHSR, IBRJ, IANJ, AMIS, ISRB, IGLO, ANAR, ASTR, ASTR, IRAM, LRK, LRK, HRSR, YRD, YRD, ISAD, GLBA, ICHK, ORD, ORD, NEIC 23 05:07:51.5, DJA 23 05:07:52.0, IDC 23 05:07:54.1, ISC 23 05:07:50.4, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC

NEIC 23 05:07:51.5, 2.1, 8.24S, 0.06, 108.93E, 0.07, h65km, 5km, mb4.4/20, Error ellipse: s-maj=9.9km s-min=8.8km az=128.0

DJA 23 05:07:52.0, 0.2, 8.3S, 3.10E, h68km, 5km, M5.0/24, mb4.9/22, mb5.7/10, ML4.9/24, Mw(mB)5.2/10, MhmMwp5.3/2, Mwp5.5/2

IDC 23 05:07:54.1, 1.4, 8.01S, 109.05E, h96km, 13km, mb3.7/15, mbmt4.1/15, MS3.0/5, Error ellipse: s-maj=21.7km s-min=12.2km az=54.0

ISC 23 05:07:50.4, 0.4, 8.43S, 0.05, 108.94E, 0.05, h55km, n104, 01599/100, mb4.1/20, MS2.9/4, 1C, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like CMJI, KPJI, YOGI, UBM, UBM, UGM, UGM, SMRI, SMRI, WOJI, WOI, LEM, LEM, CNJI, NGJI, CGJI, XMI, GRJI, XMSI, XMSI, BLJI, BLJI, JAGI, JAGI, JAGI, JAGI, KMMI, KMMI, KASI, KASI, ABJI, ABJI, IGBI, IGBI, DNP, SRBI, LHSI, LHSI, BBKI, BBKI, TWSI, TWSI, KSI, KSI, PLAI, PLAI, PLAI, PLAI, DSRI, DSRI, PPPI, PPPI, KAPI, KAPI, SMKI, SMKI, BASI, BASI, TTSI, TTSI, BATI, BATI, BATI, BATI, GSI, GIRL, TOLIZ, TOLIZ, SOEI, SOEI, MBWA, MBWA, GTOI, GTOI, PSA00, PSA00, PSA00, PSA00, NLAI, NLAI, KNRA, KNRA, MTN, MTN, DAV, DAV, WBO, WBO, WRA, WRA, WRA, WRA, AS31, ASAR, ASAR, ASAR, ASAR, CMAR, CMAR, COEN, COEN, COEN, COEN, PZH, PZH, H0BS2, H0BS2, H0BS1, H0BS1

23d 5h

Table with columns: STKA, Stephens Creek, 38.26 132, P, P, 05 15 06.6 +1.1, etc. Includes various station names and coordinates.

TRN 23 05:15:06.4, 17:43N-60:83W, h12km, MD3.7, Leeward Islands

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

IDC 23 05:17:45.3-0.7, 9.71N-74.67W, h54km, 6km, mb3.7/12, mbmp4.0/14, MS3.2/17, Error ellipse: s-maj=16.0km s-min=10.8km az=34.0

NEIC 23 05:17:45.2-2.8, 9.79N-0.05-74.71W-0.07, h46km, 10km, mb4.5/19, Error ellipse: s-maj=10.0km s-min=6.9km az=74.0

RSNC 23 05:17:46.0-0.9, 9.76N-74.70W, h47km, 6km, MLL4.2, Mw4.5

VAO 23 05:17:51.7-0.9, 9.30N-74.38W, h92km, 7km, mb4.5

ISC 23 05:17:44.6-0.5, 9.74N-0.03-74.71W-0.03, h53km, 5km, n153, v1997/185, mb4.3/20, MS3.1/11, 4C, North

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

2017 SEP

Main table with columns: BRRC, DBBC, Pamplona, Colo, etc. Includes various station names and coordinates.

1678

Table with columns: OTAV, Otavalo, Rio Carpintero, etc. Includes various station names and coordinates.

SOME 23 05:10:9, 43.22N-78.20E, h10km KRN2T 23 05:50:1.0-1.0, 43.22N-78.20E, h18km, mb3.0

















23d 9h

2017 SEP

1686

Table of astronomical observations for 23d 9h, listing stations, object names, magnitudes, and positions.

Table of astronomical observations for 2017 SEP, including GERES, GRESS Array B, and various other celestial objects.

Table of astronomical observations for 1686, featuring CHJN, CHONGJIN, HWSB, and other objects.





Table with columns: ID, Station Name, Time, Frequency, Mode, and other details. Includes stations like SARCHI, CATARATA COOPE, POPAYAN, RAMON SAN RAMON, etc.

Table with columns: ID, Station Name, Time, Frequency, Mode, and other details. Includes stations like PSUT Pine Spring, RIVAR Linhares, MINERVA, etc.

Table with columns: Code, Station Name, Time, Frequency, Mode, and other details. Includes stations like AS31 Alice Springs, ASAR Alice Springs, CTAR Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DJR, eS, Sg. Includes stations like Kununurra, Guam, Baumata, Narogin (SRO), Nuku Hiva Isla, etc.

1689: IDC 29:29:56.0, 1.0, 36.90S:71.16W, h0km, mb3.8/5, mbmp3.6/4, ML2.6/1, Error ellipse: s-maj=103.2km s-min=84.5km az=98.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DJR, eS, Sg. Includes stations like Panimavida, Huala, Sierra Bellavi, etc.

2017 SEP: IDC 29:30:08.1, 0.5, 32.1N:141.1E, h133km, MV3.1/6, NEAR TORISHIMA IS

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DJR, eS, Sg. Includes stations like Konyrien, Makanchi Array, Uzynbulak, etc.

23d 10h: IDC 29:37:55.8, 0.4, 15.20N:94.68W, h0km, mb5.7/26, mbmp5.7/26, ML6.9/1, MS5.0/59, Error ellipse: s-maj=19.2km s-min=11.1km az=62.0

23D 10h

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like SULLM, PMUV, YONG, etc.

2017 SEP

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like TX31, PAYG, NATX, etc.

1690

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like GTBY, MNTX, X40A, etc.



23d 10h

2017 SEP

1692

Table with columns: SFIN, Lafayette, 25.82, 13, P, P, 10 43 28.2 -1.1, etc. Includes entries like Q52A Bidwell, Q52A bid=208, SNR=454, Q52A bid=208, SNR=454, Q52A bid=208, SNR=454, etc.

Table with columns: Q56A, Parkersburg, 27.31, 3, P, P, 10 43 41.4 -0.6, etc. Includes entries like K38A Parkersburg, CBN Pen State Uni, CBN Corbin Frederi, CBN Corbin Frederi, etc.

Table with columns: OSI, Osto Audit: C, 29.09, 316, P, P, 10 44 00.4 +1.5, etc. Includes entries like OSI, PSDB, MPMC, K22A, K22A, K22A, etc.

1693

Table with columns for call sign, frequency, power, and other technical details. Includes stations like G45A, GLMI, KSPA, etc.

2017 SEP

Table with columns for call sign, frequency, power, and other technical details. Includes stations like J57A, J57A, FDF, etc.

23d 10h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like DGMT, DGMT, HNH, etc.

23d 10h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MACA, D05A, HAL, SAML, etc.

2017 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LCO, LCO, KOTAN, LIRD, etc.

1694

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BDFB, BDFB, ML02, YUK6, etc.



1695

Table with columns for station codes (LR04, FRTB, G30M, etc.), names (Fartura, Iaoh Zrafi Nji, etc.), coordinates (58.34 130, etc.), and units (eP, P, S, etc.).

2017 SEP

Table with columns for station codes (ILULI, ILULI, etc.), names (Iulissat, Iulissat, etc.), coordinates (60.32 16, etc.), and units (P, Pmax, etc.).

Table with columns for station codes (F25K, I23K, etc.), names (Minto, Yukon-K, etc.), coordinates (61.83 337, etc.), and units (S, IAMB, etc.).

23d 10h

23d 10h

Table with columns for station ID, name, elevation, coordinates, and other meteorological data. Includes entries like O17K, E23K, J20K, H21K, etc.

2017 SEP

Table with columns for station ID, name, elevation, coordinates, and other meteorological data. Includes entries like H18K, C21K, B21K, E20K, etc.

1696

Table with columns for station ID, name, elevation, coordinates, and other meteorological data. Includes entries like VAL, IWXE, ILTH, MIDW, etc.



23d 10h

Table with columns for station codes (FINES, CKRC, STALIGIAL, etc.), frequency, power, and other parameters. Includes sub-headers like MODS, MODS, MODS, etc.

2017 SEP

Table with columns for station codes (MODS, MODS, MODS, etc.), frequency, power, and other parameters. Includes sub-headers like MODS, MODS, MODS, etc.

1698

Table with columns for station codes (KLMR, KLMR, KLMR, etc.), frequency, power, and other parameters. Includes sub-headers like KLMR, KLMR, KLMR, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, KAPI Kappang, SBV Sambava, NWAO Narogin (SRO), NWAO Narogin (SRO), HYB Hyderabad, MBWA Marble Bar, SBY Sibiu, KSM Kuching, RER Riviere de l'E, KULM Kulim.

WEL 23 10:48:25.0, 4.3, S, 2.7, 17.3E, h5km, M3.4/2, ML3.7/12, MLV3.4/42, Error ellipse: s-maj=0.0km s-min=0.0km az=110.5, confirmed

NOU 23 10:48:29.4, 42.45S, 171.64E, h73km, MLv4.1/9, South Island, New Zealand

ISC 23 10:48:23.8, 1.1, 42.63S, 0.02, 172.77E, 0.03, h14km, 11km, n78, r1965/83, South Island

Main table listing various stations and their coordinates. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GVZ Greta Valley S, LTZ Lake Taylor, AMCZ Amberley, KHZ Kahutara, THZ Tophouse, OXZ Oxford, INZ Inchbonnie, MQZ McQueen's Vall, etc.

DJA 23 10:51:27.5, 0.4, 7.5S, 3.13E, h210km, 14km, M4.4/9, mb4.1/6, mb5.0/6, MLV4.7/9, MW(MB)4.3/6

ISC 23 10:51:27.2, 2.6, 6.90S, 129.72E, h144km, 24km, mb3.6/2, mbm4.2/6, MS3.6/2, Error ellipse: s-maj=35.8km s-min=21.8km az=95.0

ISC 23 10:51:27.1, 0.7, 6.87S, 129.67E, 0.07, h150km, n24, r212/28, mb4.0/4, Banda Sea

Table listing stations in the Banda Sea region. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Saumlaki, FAKI Fak Fak, KMPI Kaimana, SOEI Soe, etc.

Table listing stations ASAR, WROK, MULG, PETK, MKAR. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

NOU 23 11:18:54.3, 17.65S, 175.91W, h9km, mb4.9/8, Tonga Islands, Tonga Islands

Table listing stations AFI, OUENC, KOUNC, BFZ, SNZO, HNR. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 23 11:36:51.7, 2.0, 6.09S, 154.87E, h165km, 18km, mb3.7/5, mbmp4.3/9, Error ellipse: s-maj=23.4km s-min=15.8km az=52.0

NEIC 23 11:36:52.5, 1.9, 6.05S, 0.2, 154.9E, 0.1, h174km, 18km, mb4.6/25, Error ellipse: s-maj=33.3km s-min=18.0km az=198.0

ISC 23 11:36:49.6, 0.8, 5.97S, 0.09, 155.06E, 0.08, h150km, n55, r1541/59, mb4.5/16, Bougainville-Solomon Islands region

Main table listing stations in the Bougainville-Solomon Islands region. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Kravav, KRVT Kravav, PMG Port Moresby, etc.

KNRA Kunurra 27.54 247 P Iamb Iamb 11 42 20.7 -1.8

LCKR Leigh Creek 29.05 211 P P 11 42 34.4 -1.4

MBWA Marble Bar 37.40 243 P P 11 43 46.0 -2.3

MRNZ Matariki Terra 38.65 159 P P 11 43 59.3 +0.8

MOZ McQueen's Vall 40.65 160 P P 11 44 15.5 +0.6

CMAR Chiang Mai Arr 60.41 295 P P 11 46 44.5 +0.8

OSPA South Pole Qui 84.00 180 P P 11 49 01.4 -1.6

ASAR Alice Springs 17.19 167 P 11 55 19.1 +1.4

ASAR Alice Springs 17.19 167 P 11 58 23.6 -5.7

TIF 23 11:40:11.2, 41.41N, 47.42E, h16km, 1km

ISC 23 11:40:09.5, 0.8, 41.22N, 0.01, 47.48E, 0.1, h20km, 3km, n194, r1979/304, mb4.0/16, MS4.3/3, 19C-15D, Eastern Caucasus

Table listing stations SEKA, SEKA, SEKA, AKT, AKT, AKT, AKT. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res.

AKT comp=N,11mu,0.4s smax smax 11 40 15.7 -0.9

QBL Galaba 0.38 135 P P 11 22 51.3 +0.8

MNGR Mingechevir, A 0.54 214 P P 11 40 21.8 -0.2

QSR Qsar 0.66 63 P S 11 40 22.3 -0.2

QSR Qsar 0.66 63 P S 11 40 22.3 -0.2

IML Ismayilli 0.68 129 P S 11 40 33.8 -0.3

ZKT Zakatala 0.77 303 P P 11 40 24.5 -0.1

QUBA Quba, Azerbaijan 0.77 80 P P 11 40 24.5 -0.2

VSHL Vashlovani 0.82 271 P S 11 40 35.4 +0.4

POL Pirkuli 0.94 117 P S 11 40 42.5 +1.7

URKR Urarakh 0.95 7 ePg S 11 40 27.9 -0.2

ZRD Zardab 0.95 171 P P 11 40 44.7 +3.9

BRDA Brd 0.98 194 P S 11 40 29.8 +1.2

BRDA Brd 0.98 194 P S 11 40 45.0 +3.6

DRN Derbent 1.03 38 ePg S 11 40 43.1 +0.4

GANJ Ganja 1.05 237 P P 11 40 29.0 0.0

GANJ Ganja 1.05 237 P P 11 40 44.2 +0.5

ATGJ Alltghaj 1.16 108 P S 11 40 31.4 -0.5

GNBR Gunib 1.23 342 ePg S 11 40 32.7 -0.6

GNBR Gunib 1.23 342 ePg S 11 40 35.2 +1.9

SGKR Sergokala 1.25 6 ePg S 11 40 33.1 -0.6

GBS Qobustan 1.30 121 Pn P 11 40 34.7 +0.1

GDB Arakani 1.43 345 ePg S 11 40 56.5 +0.7

BLQ Beylagan 1.50 178 Pn P 11 40 36.3 -0.4

SAAT Saaty 1.54 152 Pn P 11 40 58.3 +0.4

UNCR Uncukul 1.58 341 ePg S 11 40 39.4 -0.6

UNCR Uncukul 1.58 341 ePg S 11 40 41.1 +0.9

QZX Gazax, Azerbaijan 1.60 265 Pn P 11 40 37.9 -0.5

BUJR Buynaks 1.63 350 ePg S 11 41 00.2 -1.0

AZER 23 11:40:07.6, 0.2, 41.28N, 47.55E, h9km, Error ellipse: s-maj=1.5km s-min=0.7km az=1.0

IDC 23 11:40:07.1, 0.7, 41.32N, 47.41E, h0km, mb3.8/14, mbmp3.9/24, ML3.7/9, MS4.1/4, Error ellipse: s-maj=11.3km s-min=7.6km az=163.0

MOS 23 11:40:08.3, 0.0, 41.27N, 47.50E, h8km, MPV4.6

DRS 23 11:40:09.5, 0.0, 41.08N, 47.48E, h18km

TEH 23 11:40:09.5, 41.26N, 47.53E, h21km, 34km, ML3.8

NSSP 23 11:40:11.6, 41.18N, 47.55E, h15km, Ms4.1







Table with columns for station ID, name, frequency, and other technical details. Includes stations like HKT Hockley, HKT Hockley, HKT Hockley, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like MTDJ Mount Denham, MTDJ Mount Denham, AZU Azuero, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, etc.

23d 12h

Table with columns for station name, time, and various status indicators. Includes stations like Hawthorne Fire, Van Buren, Dabeiba, Pizarro, Chaco, Santa Marta, Albuquerque, etc.

2017 SEP

Table with columns for station name, time, and various status indicators. Includes stations like Saluda, Kings Mountain, Kings Mountain, etc.

1704

Table with columns for station name, time, and various status indicators. Includes stations like Great Sand Dun, Otavalo, Otavalo, etc.

1705

Table of flight data for section 1705. Columns include flight number, route, time, status, and other flight details. Rows start with BLA Blacksburg and end with S57A Dark Hollow, R.

2017 SEP

Table of flight data for section 2017 SEP. Columns include flight number, route, time, status, and other flight details. Rows start with S57A Midewim, Midew and end with S12J San Clemente I.

23d 12h

Table of flight data for section 23d 12h. Columns include flight number, route, time, status, and other flight details. Rows start with O54A Avella and end with BCW Cottonwood C.

23d 12h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MVL Millersville, GMN Gold Mountain, H43A Windsweep, Lux, etc.

2017 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like E43A Lone Tree Farm, K57A Scipio Center, D32B Dogwood Acres, etc.

1706

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DGMT Dagmar, WVOR Wild Horse Val, CZSB Cruzeiro do Su, etc.





1709

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like F25K, KTH, RODS, I23K, G24K, Q18K, UPNV, RCLB, E25K, BPAW, O19K, P18K, H23K, Q17K, P16K, C27K, N19K, M19K, MLY, O18K, F24K, CHUM, M19K, ISOG, DIAM, Q16K, C26K, P17K, PLCA, G23K, I21K, I21K, D25K, E24K, E24K, TULEG, TULEG.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like SVW2, SVW2, H22K, N18K, N18K, N18K, CPBS, L19K, L19K, KULLO, KULLO, KULLO, K20K, K20K, CHGN, COLD, COLD, ANGG, ANGG, ANGG, PETO1, O17K, O17K, E23K, E23K, J20K, J20K, H21K, H21K, H21K, G22K, G22K, P16K, N17K, N17K, TOLK, TOLK, D24K, D24K, LLO1, LLO1, O16K, O16K, TTA, TTA, TTA, TTA, TTA, L18K, C24K, C24K, PLTB, PLTB, MEH, IMAR, M17K, M17K, CNLB, J19K, J19K, J19K, F22K, F22K, F22K, PARB, G21K, G21K, RCBR, RCBR, RCBR, SDPT, TRQA, TRQA, TRQA, ICESG, ICESG, ICESG, D23K, D23K, E22K, E22K, H20K, H20K, H20K, J18K, N16K, N16K, N16K, F21K, F21K, F21K, XMAS, XMAS, C23K.

23d 12h

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like C23K, O15K, O15K, L17K, M16K, M16K, LLO2, K17K, ESAR, GCSA, D22K, D22K, TIAR, TIAR, H19K, H19K, TVO, N15K, L16K, L16K, E21K, E21K, PPT, PPT, PPT, PPT, PPT, S12K, S12K, S12K, PAA, PAA, F20K, F20K, F20K, VASO1, EUNU, EUNU, GU01, O14K, G19K, G19K, M15K, M15K, H18K, H18K, C21K, B22K, B22K, N14K, N14K, FALS, FALS, B21K, B21K, E20K, E20K, E20K, F19K, F19K, E19K, E19K, G18K, G18K, DUB01, J16K, J16K, J16K, L15K, L15K, M14K, M14K, D20K, D20K, D20K, RIB01, H17K, H17K, H17K, K15K, K15K, H17K, H17K, H17K, SUMG, SUMG, SUMG, SUMG, SUMG, NEEM, NEEM, NEEM, A22K, ALF01, L14K, L14K, L14K, F18K, F18K, F18K, D19K, D19K, D19K.







23d 12h

Table with columns for station name, frequency, power, and signal quality. Includes stations like KEST, MAUC, ZST, PABE, MODS, etc.

2017 SEP

Table with columns for station name, frequency, power, and signal quality. Includes stations like MNK, MNSK, KOLS, etc.

1712

Table with columns for station name, frequency, power, and signal quality. Includes stations like YSS, VTS, PLO, etc.

CN2	Changchun	109.42	330	Pdif	Pdif	13 07 31.0	+2.9
CN2				PP	PP	13 12 00.4	0.0
CN2				SS	SS	13 27 20.9	-0.9
CN2	comp=Z,200nm,9.0s			AMB	AMB		
CN2				LR	LR		
CN2	comp=Z,2µm,18.0s			LR	LR		
CN2	comp=Z,2µm,18.0s			LR	LR		
CN2	comp=Z,2µm,21.0s			LR	LR		
BVAR	Borovoye Array	109.57	9	PKiKP	PKiKP	13 11 31.3	-0.2
BVAR	comp=Z,6.4nm,0.9s,baz=336,slow=3.2,SNR=5.2			PKKPab	PKKPab	13 22 50.9	+0.6
ZALV	Zalesovo Beam	109.78	0	PKKPab	PKKPab	13 22 45.1	-4.2
ZALV	comp=Z,2.4nm,0.9s,baz=197,slow=4.0,SNR=4.6			PKiKP	PKiKP	13 11 34.2	+0.6
GROC	Groznyy	110.53	30	PKiKP	PKiKP	13 12 10.5	
GROC	comp=Z,15nm,0.5s			pmax	pmax		
MAK	Makhachkala	111.51	29	eP	Pdif	13 07 37.3	-0.1
MAK				ePPP	PPP	13 14 36.3	
MAK				eP	PS	13 18 12.7	
MAK				eSS	SS	13 27 49.1	-0.6
MAK				eSSS	SSS	13 32 01.0	
MAK	comp=Z,406nm,1.5s			pmax	pmax		
JMN	Monobe	111.61	317	IAMS_20	IAMS_20	13 51 14.0	
JMN	comp=Z,2µm,22.0s						
SNY	Shenyang	111.81	330	Pdif	Pdif	13 07 33.6	-5.2
SNY	comp=Z,580nm,7.9s			AMB	AMB	13 12 17.5	-0.1
SNY	comp=Z,2µm,22.5s			LR	LR		
SNY	comp=Z,2µm,17.5s			LR	LR		
SNY	comp=Z,2µm,24.5s			LR	LR		
SNRS	Korea Array	112.75	324	PKiKP	PKiKP	13 11 36.5	-5.5
SNRS	comp=Z,4.1nm,0.8s,baz=9.3,slow=1.3,SNR=16			PKiKP	PKiKP	13 10 36.5	-1.2
KURK	Kurchatov	112.78	4	IAMS_20	IAMS_20	14 06 13.2	
KURK	comp=Z,4µm,20.0s						
KURK	Kurchatov	112.78	4	PKiKP	PKiKP	13 11 38.3	+0.7
KURK	comp=Z,4µm,20.0s			PKiKP	PKiKP	13 11 39.1	+1.5
KURK	Berezni	112.87	9	PKiKP	PKiKP	13 11 37.9	0.0
KURK	comp=Z,4µm,20.0s			PKiKP	PKiKP	13 12 24.1	-0.7
BRZS	Berezni	112.87	9	PKiKP	PKiKP	13 11 37.9	0.0
BRZS	comp=Z,4µm,20.0s			PKiKP	PKiKP	13 11 36.9	-0.9
KURBB	Kurchatov Arra	112.87	4	PKiKP	PKiKP	13 22 24.0	-2.7
KURBB	comp=Z,5.2nm,0.9s,baz=344,slow=1.8,SNR=13			PKKPbc	PKKPbc	13 22 24.0	-2.7
ULN	Ulanbaatar	112.88	344	IAMS_20	IAMS_20	14 09 05.1	
ULN	comp=Z,3µm,19.0s						
SONM	Songino Array	113.08	344	PKiKP	PKiKP	13 11 36.5	-2.0
SONM	comp=Z,3.6nm,0.8s,baz=23,slow=1.0,SNR=8.5						
SONM	comp=Z,3.2nm,0.9s,baz=34,slow=1.8,SNR=3.9					13 12 24.0	-2.5
SONM	comp=Z,1.7nm,0.8s,baz=184,slow=3.5,SNR=6.4			PKKPbc	PKKPbc	13 22 24.0	-2.1
SEM	Semipalatinsk	113.19	3	ePP	ePP	13 12 26.8	-0.5
SEM	comp=Z,3µm,19.0s						
SEM	comp=Z,1µm,18.4s,baz=3.3			LR	LR	14 01 53.5	
XLT	XiLinHaoTe	113.42	336	ePKP	ePKP	13 11 25.4	-1.4
XLT	comp=Z,3µm,19.0s			PKiKP	PKiKP	13 12 19.8	-9.3
XLT	comp=Z,3µm,19.0s			SKKS	SKKS	13 19 10.5	
INCN	Inchon	113.45	325	P	PKiKP	13 11 45.5	+6.1
GUMO	Guam	113.45	339	IAMS_20	IAMS_20	13 49 38.3	
DL2	Jazzator, Alta	113.99	359	PKiKP	PKiKP	13 11 40.2	0.0
DL2	Princess Elisa	114.30	162	PKiKP	PKiKP	13 11 42.6	+2.6
DL2	Dalian	115.01	329	PKP	PKiKP	13 11 39.1	-3.2
DL2				PP	PP	13 12 39.9	-0.5
DL2				SS	SS	13 28 36.9	+0.7
DL2	comp=Z,860nm,6.2s			AMB	AMB		
DL2	comp=Z,940nm,11.4s			LR	LR		
DL2	comp=Z,2µm,16.0s			LR	LR		
DL2	comp=Z,2µm,18.2s			LR	LR		
TSUM	Tsumeb	116.21	104	IAMS_20	IAMS_20	13 59 57.5	
ZSN	Zaisan	116.28	0	ePKiKP	PKiKP	13 11 44.4	-0.1
ZSN	comp=Z,3µm,20.0s						
ZSN	Zaisan	116.28	0	PKiKP	PKiKP	13 11 44.4	-0.1
ZSN	comp=Z,3µm,20.0s			PKiKP	PKiKP	13 08 04.8	+4.6
BJI	Beijing	116.61	334	Pdif	Pdif	13 11 39.8	-5.5
BJI	comp=Z,760nm,9.8s			PKP	PKP	13 15 18.3	
BJI	comp=Z,1µm,18.0s			PKS	PKS	13 18 19.1	-2.9
BJI	comp=Z,570nm,17.6s			SS	SS	13 28 59.5	+2.6
BJI	comp=Z,2µm,24.3s			AMB	AMB		
BJT	Baijiatou	116.63	334	IAMS_20	IAMS_20	14 10 39.9	
MAKZ	Makanchi	116.87	2	IAMS_20	IAMS_20	13 11 44.4	-1.3
MAKZ	comp=Z,3µm,20.0s			PKPaf	PKPaf	14 12 23.2	
MAKZ	comp=Z,3µm,21.0s			PKiKP	PKiKP	13 11 44.4	-1.3
MK31	Makanchi Array	116.89	2	PKiKP	PKiKP	13 11 47.9	+2.2
MK31	comp=Z,3µm,20.0s			PKiKP	PKiKP	13 11 44.2	-1.5
MKAR	Makanchi Array	116.89	2	PKiKP	PKiKP	13 11 44.2	-1.5
MKAR	comp=Z,5.2nm,0.8s,baz=299,slow=3.3,SNR=13			PKP	PKP	13 12 50.9	-2.3
MKAR	comp=Z,3.9nm,0.8s,baz=4.2,slow=5.0,SNR=4.1			PKKPbc	PKKPbc	13 22 10.8	-2.1
MKAR	comp=Z,2.7nm,0.9s,baz=134,slow=5.2,SNR=8.4			PKKPab	PKKPab	13 22 18.5	+0.7
MKAR	comp=Z,7.0nm,1.1s,baz=144,slow=4.3,SNR=9.4			ePKP	ePKP	13 11 44.8	-2.9
HHC	Hu-ho-hao-te	117.76	337	ePKP	PKPaf	13 29 05.9	-6.1
HHC	comp=Z,2µm,10.0s			AMB	AMB		
HHC	comp=Z,2µm,10.0s			LR	LR		
HHC	comp=Z,4µm,18.7s			LR	LR		
HHC	comp=Z,4µm,17.9s			LR	LR		
HHC	comp=Z,7µm,19.6s			LR	LR		
BTLS	Baital	117.90	9	ePKP	PKPaf	13 11 46.7	-1.0
BTLS	comp=Z,2µm,21.0s			ePP	PP	13 12 59.8	-0.3
BTLS	comp=Z,2µm,21.0s			ePKiKP	PKPaf	13 11 46.6	-1.0
BTLS	comp=Z,2µm,21.0s			e	e	13 12 59.7	
TDK	Taldyqorghon	118.44	5	LR	LR	14 04 11.1	
BTO	Baotou	118.53	338	ePKP	PKPaf	13 11 46.3	-2.9
BTO	comp=Z,2µm,16.7s,baz=5.3			PKP	PKP	13 12 00.8	
BTO	comp=Z,450nm,6.1s			PP	PP	13 13 03.8	-1.1
BTO	comp=Z,5µm,18.9s			SS	SS	13 29 18.5	-3.4
BTO	comp=Z,5µm,21.9s			LR	LR		
BTO	comp=Z,3µm,18.4s			LR	LR		
PMG	Port Moresby	119.14	268	IAMS_20	IAMS_20	13 54 12.7	
KKAR	Karatay Array	119.17	12	PKiKP	PKPaf	13 11 50.1	-0.1
KKAR	comp=Z,3µm,20.0s			PKPaf	PKPaf	13 08 13.8	+1.5
TIA	Taian	119.32	330	Pdif	Pdif	13 11 50.4	-0.3
TIA	comp=Z,2µm,18.0s			SKS	SKS	13 18 54.8	+7.7
TIA	comp=Z,2µm,18.0s			PKKP	PKKP	13 23 10.8	+3.7
TIA	comp=Z,770nm,5.9s			LR	LR		

TIA	comp=Z,1µm,19.4s			LR	LR		
TIA	comp=Z,1µm,20.8s			LR	LR		
TIA	comp=Z,290nm,15.8s			LR	LR		
HNS	HongShan	119.44	333	Pdif	Pdif	13 08 14.9	+2.1
HNS	comp=Z,2µm,11.2s			PKP	PKP	13 11 50.1	-0.7
HNS	comp=Z,2µm,16.7s			SKS	SKS	13 13 13.3	+2.1
HNS	comp=Z,3µm,18.6s			SKKS	SKKS	13 18 55.8	+8.1
HNS	comp=Z,2µm,21.1s			AMB	AMB	13 20 05.8	-7.3
HNS	comp=Z,2µm,11.2s			LR	LR		
HNS	comp=Z,2µm,16.7s			LR	LR		
HNS	comp=Z,3µm,18.6s			LR	LR		
HNS	comp=Z,2µm,21.1s			LR	LR		
SGDS	Sogindy	119.54	9	ePKP	PKPaf	13 11 49.4	-1.7
SGDS	comp=Z,2µm,11.2s			PKPaf	PKPaf	13 11 49.3	-1.7
SGDS	comp=Z,2µm,16.7s			ePKiKP	PKPaf	13 11 50.4	-0.9
CHM	Chimkent	119.73	13	ePKiKP	PKPaf	13 11 50.4	-0.9
CHM	comp=Z,3µm,22.0s			IAMS_20	IAMS_20	13 53 19.7	
CHM	Kunigami	119.73	13	IAMS_20	IAMS_20	13 53 19.7	
CHM	comp=Z,3µm,22.0s						
WMQ	Urumqi	119.86	358	PKP	PKPaf	13 11 50.9	-0.7
WMQ	comp=Z,1µm,5.7s			PP	PP	13 13 14.3	+0.6
WMQ	comp=Z,1µm,5.7s			AMB	AMB		
WMQ	comp=Z,3µm,19.1s			LR	LR		
WMQ	comp=Z,2µm,19.1s			LR	LR		
WMQ	comp=Z,4µm,24.3s			LR	LR		
IUG	Iuzhnay	119.99	13	ePKP	PKPaf	13 11 51.4	-0.6
IUG	comp=Z,3µm,19.1s			ePKiKP	PKPaf	13 11 51.3	-0.6
IUG	comp=Z,2µm,19.1s			ePKP	PKPaf	13 11 51.1	-0.8
IUG	comp=Z,4µm,24.3s			ePKP	PKPaf	13 11 51.1	-0.8
KPKS	Kokpek	119.99	5	ePKP	PKPaf	13 11 51.1	-0.8
KPKS	comp=Z,3µm,22.0s			ePKiKP	PKPaf	13 11 52.1	-0.8
KPKS	comp=Z,3µm,22.0s			PKPaf	PKPaf	13 11 53.0	0.0
KPKS	comp=Z,3µm,22.0s			PKS	PKS	13 13 17.5	+1.5
KPKS	comp=Z,3µm,22.0s			SKSdf	SKSdf	13 18 58.8	-6.3
KPKS	comp=Z,1µm,9.4s			AMB	AMB		
KPKS	comp=Z,2µm,25.0s			LR	LR		
KPKS	comp=Z,3µm,22.1s			LR	LR		
KPKS	comp=Z,4µm,23.5s			LR	LR		
GEYT	Alibek	120.22	24	PKP	PKPaf	13 11 51.6	-0.8
GEYT	comp=Z,12nm,0.8s,baz=262,slow=3.0,SNR=12			PKP	PKPaf	13 11 51.5	-0.9
GEYT	comp=Z,3.7nm,1.0s,baz=24,slow=1.8,SNR=9.2			PKKPab	PKKPab	13 22 03.0	-0.1
GYA0B	ALIBECK ARRAY120.22	24	PKPaf	PKPaf	PKPaf	13 11 51.9	-0.6
TNSS	Tian-Shan	120.24	7	ePKP	PKPaf	13 11 51.8	-1.1
TNSS	comp=Z,3µm,19.0s						
TNSS	Tian-Shan	120.24	7	ePKiKP	PKPaf	13 11 51.7	-1.1
AAK	Ala-Archa	120.31	9	PKiKP	PKiKP	13 11 53.1	+0.4
AAK	Ala-Archa	120.31	9	PKiKP	PKiKP	13 11 52.9	+0.2
AAK	Ala-Archa	120.31	9	PKPaf	PKPaf	13 11 49.5	-3.1
AAK	Ala-Archa	120.31	9	PKiKP	PKiKP	13 11 53.4	+0.7
AAK	Ala-Archa	120.34	5	ePKP	PKPaf	13 11 51.4	-1.2
UZB	Uzymbulak	120.34	5	ePKiKP	PKPaf	13 11 51.4	-1.2
UZB	comp=Z,3µm,19.0s			ePKP	PKPaf	13 11 51.5	-1.2
UZB	Saty	120.37	6	ePKP	PKPaf	13 11 51.4	-1.2
SATY	Saty	120.37	6	ePKiKP	PKPaf	13 11 51.4	-1.2
SSE	Sheshan	121.19	324	PKP	PKPaf	13 11 52.5	-1.9
SSE	comp=Z,390nm,7.4s			PP	PP	13 12 22.4	-1.1
SSE	comp=Z,390nm,7.4s			AMB	AMB	13 29 59.4	+2.7
SSE	comp=Z,500nm,18.9s			LR	LR		
SSE	comp=Z,830nm,18.6s			LR	LR		
TARG	Taragay, Kyrgy	121.63	6	PKPaf	PKPaf	13 11 55.0	-0.5
TARG	comp=Z,2µm,18.7s			PKiKP	PKPaf	13 11 55.0	-0.5
TARG	comp=Z,2µm,18.7s			ePKP	PKPaf	13 11 54.4	-1.0
NJ2	Nanjing	121.75	326	ePKP	PKPaf	13 30 07.0	+3.3
NJ2	comp=Z,650nm,8.3s			AMB	AMB		
NJ2	comp=Z,970nm,18.2s			LR	LR		
NJ2	comp=Z,2µm,18.7s			LR	LR		
CTAO	Charters Tower						



Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

NEIC 13:24:13.9, 11.9, 2.6, 16.58N, 0.06, 95.17W, 0.03, h21km, 5km, mb4.8/148, Mds.2/16(MEX), Error ellipse: s-maj=8.6km s-min=4.1km az=193.0

MEX 13:24:13.9, 1.0, 16.53N, 95.20W, h10km, MD4.5, IDC 13:24:15.7, 2.5, 16.70N, 94.93W, h42km, 22km, mb4.2/19, mbmp4.5/21, ML9.9/2, Error ellipse: s-maj=17.4km s-min=12.7km az=73.0

ISC 23:13:24:12.2, 0.4, 16.57N, 0.03, 95.14W, 0.02, h21km, 4km, n501, r1886/509, mb4.8/93, 2D, Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations from NILT to DEIG.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations from ATVM to Y22F.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations from WWT to HEC.

23d 13h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like 053A New Philadelphia, MCWV Mont Chateau, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like T35M Bob Quinn, DLBC Dease Lake, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I2IK Tanana, D25K Kwik River, etc.







Table with columns: Station Name, Frequency, Power, Direction, etc. Includes stations like Borovoye Array, Borovoye, Toolangi, etc.

Table with columns: Station Name, Frequency, Power, Direction, etc. Includes stations like Granite Mounta, Owhar River, Selawik, etc.

Table with columns: Station Name, Frequency, Power, Direction, etc. Includes stations like Nanushuk River, Skwentna, BPaw Bear Paw Mtn., etc.

23d 13h

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Table with columns for station code, name, frequency, and other technical details. Includes entries like FINES FINESS Array B, BMRM Bremner River, and many others.

Table with columns for station code, name, frequency, and other technical details. Includes entries like M30M Minto, Yukon, H31M Peabody, and many others.

Table with columns for station code, name, frequency, and other technical details. Includes entries like CKRC Cesky Krumlov, SOKA Soboth, BSEB Bad Segeberg, and many others.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Fort de France, Curarrehue, El Baul, Coronel Fontan, etc.

DDA 23 13:39:50.0-0.36:98N:27:77E, h7km, 1km, ML1/0, ISK 23 13:39:50.1, 37:00N:27:81E, h10km, 1km, ML1.5/6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mazkoy-Bodrum, Emecik-Datca, Kayabasi, Datca, etc.

NOU 23 13:53:04.1, 35:17S:177:28W, h0km, MLv4.5/6, East of North Island, N.Z.

WEL 23 13:53:48.0-1.8:37S:6:17:9E, 1.5, h5km, M3/3, 18th, ML3.4/17, MLV3.3/19, Error ellipse: s-maj=0.0km

ISC 23 13:53:43.4-4.4, 36:55S:02:179.5E:0.3, h10km, n57, c089/57, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waionatani S, Pakihiroa, etc.

NEIC 23 14:01:35.0-2.6, 16:34N:0:08:95:15W:0:03, h81km, 17km, m4.2/25, M4.8/11(MEX), Error ellipse: s-maj=12.7km

MEX 23 14:01:36.8:1.1, 16:44N:95:15W, h58km, 20km, MD4.8

ISC 23 14:01:39.5:6.2, 16:59N:94:86W, h44km, 46km, mb3.7/7, mbmp3.9/8, ML3.5/11, Error ellipse: s-maj=56.0km

ISC 23 14:01:33.0:1.5, 16:45N:0:05:95:03W:0:03, h19km, 5km, n57, c238/64, mb4.2/11, Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Santiago Nilte, Huatulco, Arroyo Zacate, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Retalhuleu, Universidad Na Flores, Esquipulas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Lake Whitney, Alpine, Abilene, Hawle, Perrin-Whitt E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Bolivar, Tucsan, Cathedral Cave, Maddies Statio, etc.

ISC 23 14:03:13.6:1.1, 0:68N:125:74E, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=139.4km s-min=18.7km

DJA 23 14:03:18.9:1.3, 1:1N:0:12:7E, h21km, 14km, M3.6/10, MLV3.6/10

ISC 23 14:03:19.0:0.9, 1:1N:0:12:673E:0:08, h35km, n11, c170/12, mb4.0/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Ternate, Labuha, Sanana, Gorontalo, etc.

TAP 23 14:10:56.4, 23:57N:120:88E, h10km, 1km, ML1.2, 3C-1D, A, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Alishan, Township, Lajitas Ar. Si, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Douliu, Tsushan, Mingjiang, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Beigang Elemen, Hanchi, Taoyuan, etc.

NEIC 23 14:18:22.2:2.6, 16:61N:0:08:95:21W:0:06, h45km, 12km, m4.4/58, M4.8/13(MEX), Error ellipse: s-maj=12.1km

MEX 23 14:18:23.6:1.0, 16:52N:95:16W, h58km, 25km, MD4.8

ISC 23 14:18:25.8:3.2, 16:67N:94:87W, h45km, 29km, mb3.7/12, mbmp3.9/14, ML4.2/2, Error ellipse: s-maj=26.3km

ISC 23 14:18:22.9:0.5, 16:57N:0:05:95:11W:0:03, h35km, n115, c2313/15, mb4.3/22, Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Santiago Nilte, Huatulco, Arroyo Zacate, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chichila, Rio Macho, Hondo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Lajitas Ar. Si, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like White Oak Lake, Aspermont, Witches Falls, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FCAR Ozark Folk Cen, QUOK Quay, 121A Cookes Peak, etc.

MEX 23 14:27:52.3, 0.6, 16.45N, 95.00W, h62km, 9km, MD3.7
NEIC 23 14:27:53.7, 2.5, 16.42N, 0.06, 95.19W, 0.04, h54km, 19km, mb4.1/21, Md4.9/15(MEX), Error ellipse: s-maj=9.7km s-min=4.2km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NILT Santiago Nilte, HUIG Huatulco, etc.

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Table with columns: TGIG, TGIG, TGIG, etc. Includes stations like YOSONDUA, YOSONDUA, YOSONDUA, etc.

FAF 23 14:30:27.2, 29.33S, 29.01E, h0km, MD3.6
BUL 23 14:30:29.5, 3.1, 29.29S, 28.88E, h0km, 92km, MD3.9,

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

IDC 23 14:31:22.5, 2.0, 50.46N, 90.96E, h0km, mb3.2/1, mbmp3.1/4, ML2.7/3, Error ellipse: s-maj=25.1km s-min=21.1km az=33.0
ASRS 23 14:31:24.9, 0.4, 51.1N, 89.91E, h5km, MLh3.7/18, Error ellipse: s-maj=4.4km s-min=2.1km az=138.1, confirmed
NCC 23 14:31:27.4, 2.4, 50.57N, 90.37E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=24.6km s-min=13.9km az=96.0

ISC 23 14:31:28.0, 0.9, 50.59N, 0.04, 90.54E, h10km, n35, h172/57, 7C-40, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CUR Chagan-Uzun, ULRG Ulagan, AKAR Akash, etc.

Table with columns: GZLN Zheleznogorsk, GZLN Zheleznogorsk, NVSIB Novosibirsk, etc. Includes stations like NVSIB Novosibirsk, MK31 Makanchi Array, etc.

MEX 23 14:31:47.0, 0.8, 16.45N, 94.99W, h10km, MD5.0
GCMT 23 14:31:47.2, 0.3, 16.66N, 0.02, 95.10W, 0.03, h18km, 1km, MW5.1/81, Moment Tensor: s13, c15; s81, c110; Duration: 0. Moment Tensor: Scale 10^19Nm; Mr=4.07, 5.2; Mw=4.98, 3.4; Mw=0.90, 2.8; Mw=1.49, 5.7; Mw=2.4, 1.7; Mw=0.93, 6.5; Best double couple: Ms=5.07000x10^16 NP1: s271.00000, s56.00000, lambda=59.00000. NP2: s44.00000, s45.00000, lambda=128.00000. Principal axes: T: 6.1540, P: 6.1540, Azm340.0000; N: -1.2920, P: 6.1540, Azm73.0000; P: -4.8590, P: 6.1540, Azm237.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 23 14:31:49.8, 2.5, 16.61N, 94.90W, h44km, 22km, mb4.2/23, mbmp4.4/25, ML4.3/2, MS4.3/26 Error ellipse: s-maj=19.0km s-min=11.4km az=55.0
GCG 23 14:31:49.5, 10.0, 16.90N, 95.06W, h50km, MD5.1
NEIC 23 14:31:49.2, 2.1, 16.61N, 0.09, 94.94W, 0.08, h38km, 5km, mb4.9/341, MD5.1/10(MEX), Error ellipse: s-maj=14.6km s-min=8.4km az=218.0

ISC 23 14:31:45.3, 0.8, 16.54N, 0.04, 95.07W, 0.03, h14km, 5km, n774, s1923/598, mb4.9/157, MS4.2/26, 10D, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NILT Santiago Nilte, CARR Arriaga, HUIG Huatulco, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BRDY Brady, NAXT Nacogdoches, OZNA Ozona, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PBMO Poplar Bluff, MGMO Mountain Grove, CLNT Cedars of Leba, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U15A North Rim, BC3 Big Chuckawall, OGNE Ogallala, etc.

23d 14h

Table with columns for station ID, name, elevation, and various data points. Includes stations like SPMN, ATAH, VES, BW06, PDAR, G40A, etc.

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Table with columns for station ID, name, elevation, and various data points. Includes stations like S34M, PRPB, R33M, S32K, Q32M, Q32M, etc.

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Table with columns for station ID, name, elevation, and various data points. Includes stations like SCRR, I27K, PAX, J26L, J26L, RIDG, etc.

Table with columns: I21K, Tanana, 61.48 336, P, P, 14 42 02.1 +0.9, etc. Lists various station identifiers and their associated data.

Table with columns: H16K, Elim, 65.44 334, P, P, 14 42 27.9 +0.5, etc. Lists various station identifiers and their associated data.

Table with columns: VYHS, Vyhne, 92.71 38, eP, P, 14 45 01.8 +4.7, etc. Lists various station identifiers and their associated data.

23d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OK031, BK052, FCAR, OK033, 319A, 121A, QUOK, LCAR, U38A, Y52A, T35A, MGMO, T42A, ANMO, TUC, CCM, T25A, P40A, MVCO, SMCO, ISCO, HMU, BOS, MTPU, NVAR, J08A, PLM, ULD, LPAZ, BDFB, ILAR, CLCA, ESDC, WRA, ASAR.

NEIC 23 14:58:54.6, 2.9, 16.50N, 0.08, 94.67W, 0.06, h53km, 18km, mb4.1/12, Md4.0/14(MEX), Error ellipse: s-maj=11.8km, s-min=7.3km, az=165.0

MEX 23 14:58:54.7, 1.1, 16.42N, 94.70W, h84km, 47km, Md4.0, IDC 23 14:58:59.0, 2.1, 16.30N, 94.16W, h86km, 57km, mb3.9/4, s-min=36.5km, az=177.0

ISC 23 14:58:50.4, 1.5, 16.45N, 0.05, 94.69W, 0.03, h11km, 12km, n40, s178/50, mb3.9/6, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CARR, HUIG, TGIG, TGBT, WHX, X34A, ANMO, U49A, TUC, SDCO, SMCO, ISCO, MDPB.

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

IDC 23 14:59:40.9, 8.4, 16.71N, 94.69W, h86km, 50km, mb3.8/3, mbtmp3.9/4, ML3.5/1, Error ellipse: s-maj=96.9km, s-min=31.1km, az=5.0, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEIG, TXAR, NVAR, ULM, EKA.

MEX 23 15:01:28.2, 0.8, 16.40N, 95.16W, h95km, 27km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG, VHO, PEIG, PCIG, TGIG.

NEIC 23 15:06:36.2, 2.7, 16.38N, 0.05, 95.21W, 0.04, h44km, 19km, mb4.2/31, Md4.1/10(MEX), Error ellipse: s-maj=7.8km, s-min=4.5km, az=149.0

MEX 23 15:06:36.3, 0.9, 16.44N, 95.24W, h73km, 27km, Md4.1, IDC 23 15:06:39.9, 4.3, 16.72N, 94.87W, h68km, 43km, mb3.5/6, mbtmp3.8/8, ML3.8/2, Error ellipse: s-maj=35.7km, s-min=20.2km, az=57.0

ISC 23 15:06:32.2, 1.5, 16.49N, 0.04, 95.21W, 0.04, h10km, 10km, n50, s185/68, mb4.1/11, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG, NEUV, OXIG, VHO, PEIG, HUEH, RTAL, ESQI, MTO3, TEIG, JTS, 833A, JCT, TX31, TX32, TXAR, BRDY, OZNA, ABTX, PECS, 425A, LOK, X37A, MIAR, TIGA, WMOK, FCAR, 121A, 121A, OK051, DUNG, T35A, W50A, T42A, ANMO, TUC, R40A, SDCO, X16A, N38A, ISCO, L40A, L40A, L42A.

1726

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDAR, NVAR, TPWA, AGMN, J08A, ULM, ILAR, PLCA, WRA.

GII 23 15:08:48.5, 0.0, 33.54N, 35.65E, h4km, Mm1.7/3, GRAL 23 15:08:50.0, 0.3, 33.52N, 35.65E, h7km, 1km, MD2.8, ISC 23 15:08:48.6, 0.9, 33.53N, 0.03, 35.66E, 0.04, h16km, 6km, n17, o8/45/25, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QRWL, RCY, DQRL, SHBL, NATI, GEM, BHL, MMCT, KSHT, HNTI, HWQ, OFRI, BEIL, HMDT.

IDC 23 15:20:00.5, 0.6, 42.41N, 111.43W, h0km, mbtmp3.4/7, ML3.0/7, Error ellipse: s-maj=11.5km, s-min=4.6km, az=158.0

UUSS 23 15:20:00.7, 0.5, 42.54N, 0.01, 111.43W, 0.01, h9km, 4km, Error ellipse: s-maj=1.9km, s-min=1.4km, az=201.0

NEIC 23 15:20:00.8, 0.6, 42.55N, 0.01, 111.44W, 0.01, h7km, 1km, ML3.8/110, Mw3.8/37, ML4.0.16(UUOSS), Error ellipse: s-maj=1.7km, s-min=1.0km, az=223.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mn=-0.46; Mw=5.59; Ms=0.65; Ml=1.44; Ms=1.86; Mr=1.60; Fault plane solution: Mo: 6.49000x10^14 Np1; o: 144.57000, s: 86.59000, l: -160.43000; NP2; o: 52.36000, s: 87.046000, l: -3.62000; Principal axes: T o: 6046, Plg11.0000, Azm277.0000; N: 0.2422, Plg70.0000, Azm154.0000; P: -6.3624, Plg16.0000, Azm1.0000;

ANF 23 15:20:00.8, 0.4, 42.56N, 111.55W, h0km, ML4.0/8, Error ellipse: s-maj=6.9km, s-min=5.0km, az=132.0

NEIC 23 15:20:00.4, 42.54N, 111.44W, h1km, ISC 23 15:20:00.8, 0.8, 42.54N, 0.02, 111.41W, 0.02, h8km, 6km, n119, s194/141, Eastern Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ID06, ID05, AHID, ID09, ID10, ID10, GRRI, ID08, ID08, ID07, ECR, L17A, BMUT, MLI, HDU, NPI, REDW, PTU, HWUT, TPWA, WJUT, SNOW, MCU, FXVY, LTU, LOHW, HVU, MOOW, EPU, BW06, BW06, PD31, PDAR, PDAR, PDAR, IMW, IMW.









23d 16h

Table with columns for code, station name, and data points. Includes stations like Paso Flores, Soneca, NB2 NORSAR Subarra, etc.

IDC 23 16:31:12.2±1.2, 42°54'N;141°25'E, h128km, 14km, mb3.2/4, mbtmp3.4/8, Error ellipse: s-maj=25.42km s-min=15.8km az=121.0

JMA 23 16:31:12.6±0.1, 42°16'N;141°25'E, h132km, MV2 7/38, IUBURI REGION

ISC 23 16:31:12.8±0.8, 42°59'N;141°20'E;0.04, h134km, 6km, n28, e051/44, mb3.5/4, Hokkaido region

Main station data table for 23d 16h, listing station names, codes, and various parameters.

NEIC 23 16:39:44.1±1.2, 28°76'S;109°29'W;0.09, h128km, 7km, mb4.6/9, Error ellipse: s-maj=11.7km s-min=8.0km az=81.0

SJA 23 16:39:44.2±1.0, 28°83'S;69°14'W, h135km, 5km, ML4.2, MV4.1

IDC 23 16:39:46.6±0.6, 28°16'S;69.04W, h129km, 5km, mb3.7/8, mbtmp4.2/11, MS3.0/2, Error ellipse: s-maj=22.2km s-min=15.1km az=77.0

ISC 23 16:39:51.1±2.3, 28°58'S;68°16'W, h132km, mb4.0

VAO 23 16:39:44.0±0.5, 28°74'S;103°69'W;0.03, h123km, 4km, n140, e196/165, mb4.2/14, 7C-6D, Chile-Argentina border region

Main station data table for 23d 16h, continuing with various station codes and names.

2017 SEP

Main station data table for 2017 SEP, listing station names, codes, and various parameters.

1730

Table with columns for code, station name, and data points. Includes stations like WRA Warramunga Arr, ARU Art, SEY Seymchan, etc.

IDC 23 16:43:47.1±1.3, 4°92'N;126°11'E, h82km, 11km, mb3.8/19, mbtmp4.1/22, MS2.8/6, Error ellipse: s-maj=25.3km s-min=8.4km az=69.0

DJA 23 16:43:48.6±1.9, 5°N;142°12'E;0.1, h32km, 31km, M4.2/15, mb4.8/7, mb4.4/15, MLV4.3/14, MW(mb)A.1/7

NEIC 23 16:43:50.5±1.1, 4°60'N;109°126'1E;0.1, h80km, 21km, mb4.2/9, Error ellipse: s-maj=16.4km s-min=11.7km

ISC 23 16:43:48.4±0.4, 4°91'N;126°126'22E;0.08, h100km, n63, e139/63, mb4.1/24, Talad Islands

Main station data table for 1730, listing station names, codes, and various parameters.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Soufriere Volc, Crater Summit, Moule a Chique, Saint Lucia, etc.

DJA 23 17:13:39.3i, 0.3i, S:4.13'OE, h34km,22km, M4, 1/12, mb4.1/1, mB4.3/1, MLV4.0/12, Mw(mb)3.4/1

IDC 23 17:13:39.8i, 3.4, 3.13S:130.04E, h53km,36km, mb3.6/8, mbmp3.9/10, ML3.9/2, MS2.7/1, Error ellipse:

s-maj=36.6km s-min=10.2km az=79.0

ISC 23 17:13:38.8i, 0.7, 3.05S:05.129Z, 78E:05, h35km, n29, o181/30, mb3.9/8, Seram

Main table for 23d 17hr. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI, FAKI, SIJI, SWI, NLAJ, etc.

Table for 2017 SEP. Columns: ZON, Zonda, Leocito, Juntas de los Rios, Juntas del Tor, Valle Fertil, El Pedregal, etc.

Main table for 2017 SEP. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACLA, LCO, San Esteban, etc.

Table for 1732. Columns: PLCA, Paso Flores, Paso Flores, TA01, etc.

Main table for 1732. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRCB, LDASE, etc.

1733

Table of flight data for 1733, including columns for flight number, destination, time, and status.

2017 SEP

Table of flight data for 2017 SEP, including columns for flight number, destination, time, and status.

23d 17h

Table of flight data for 23d 17h, including columns for flight number, destination, time, and status.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like MNTX Cornudas Mount, P51A Williamsport, and M57A Sunshine Farm.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like M52A binghamton, B1N1 Binghamton, and M57A Sunshine Farm.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like KSCO Kaye Shedlock, SDCO Great Sand Dun, and E63A Oxbow.



Table with columns: ID, Name, RA, Dec, P, M, Az, Phase ID, Time, Res. Includes entries like P18A Preston Nutter, F33A 5 Mile Ranch, LRMC Laurel Mtn Rad, etc.

Table with columns: DLBC, Name, RA, Dec, P, M, Az, Phase ID, Time, Res. Includes entries like DLBC Dease Lake, R33M Jennings River, S32K Killbuck, etc.

Table with columns: TGY, LBMI, KKM, LUWI, LUWI, SANI, SWI, SIJI, SJUI, NLAI, TTSI, KAPI, KAPI, KAPI, KSM, TWG, YULB, MMRI, MMRI, TPUB, TPUB, SSSL, SSSL, SAUI, SOEI, SOEI, SOEI, BATI, BATI, BATI, QIZ, QIZ, QIZ, QIZ, JAY, JOW, JOW, GUMO, GUMO, KNRA, SSE, SSE, SSE, KULM, KULM, JNU, CRI, ENSHI, CM31, CMAR, CMAR, CMAR, KMI, KMI, KMI, GSI, GSI, COEN, WRAB, WRAB, WRA, WRA, WRA, PZH, WR0, WR0, JHJ, LYN, PSAO, KRVT, KSRS, MJAR, MJAR, MJAR, AS31, ASAR, ASAR, ASAR, ASAR, ZJM, LZM, CTA, CTA, HHC, SHL, SHL, SHL, XLT, USRK, USRK, USRK, MORW, MORW, LSA, LSA, LSA, LSA, HNR, ASAJ, NWAO, BBO, BBO, BBO, STKA, STKA, STKA, K05A, MDT, F10A, F10A, I05D, I05D, G06A, H04A, H04A, FFC, ESCD, SONM, SONM, SONM.

23d 18h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, s, ISC. Includes stations like CAN, WMO, TOO, PETK, MK31, MK31, MKAR, AAK, ZAAO, ZALV, ZALV, ZALV, KURBB, KURBB, KURK, BTK, MSVF, KK31, KKAR, KKAR, BVAR, BRVK, NRK, AFI, URZ, BKZ, GEYT, ARBU, ARU, ARU, CASY, KIRV, BELG, GNI, RAR, KDAD, ILAR, BRTR, ARCES, SPITS, VNDA, VNDA, FINES, KMBO, AKASO, MLR, HFS, MBAR, NOA, VRAC, GERES, LSZ.

NEIC 23 17:54:02.0-2.0, 19:42Bn:0.007:155:609W:0.009, h7km, 2km, Error ellipse: s-maj=1.3km s-min=0.9km az=119.0

HVO 23 17:54:02.2-1.0, 19:422N:0.007:155:611W:0.006, h2km, 6km, ML2.9/40, ML2.8/54(NEIC), Error ellipse: s-maj=1.1km s-min=0.7km az=210.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, s, ISC. Includes stations like MWH, MWO, MLOA, ALEP, AIN, KHU, HMH, MLH, HTC, WRMH, UWE, SDHH, SDHH.

2017 SEP

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, s, ISC. Includes stations like OBL, HLP, HLP, HLP, NPH, UWB, KHLU, RSD, RSD, RIM, RIM, SBLH, SBLH, KKO, HATH, BYL, BYL, HUH, HUH, POHA, POHA, PUH, KNH, STCH, NPOC, NPOC, JUZU, JUZU, JOKA, HPAH, HPAH, MHLA, MHLA.

IDC 23 17:59:37.8-1.2, 43:79N:105:51W, h0km, mbtpm3.6/3, ML3.6/3, Error ellipse: s-maj=31.0km s-min=8.4km az=149.0

ANF 23 17:59:37.9-0.3, 43:77N:105:35W, h0km, ML3.7/12, Error ellipse: s-maj=5.1km s-min=3.4km az=86.0

NEIC 23 17:59:37.7-1.1, 43:83N:105:35W, h0km, 2km, ML3.4/108, Error ellipse: s-maj=8.8km s-min=7.2km az=320.0

ISC 23 17:59:36.9-0.8, 43:85N:104:105:30W, h0km, n96, s=1500/100, Wyoming

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, s, ISC. Includes stations like RSSD, K22A, K22A, PHWY, RWY, LAO, N23A, N23A, N23A, RLMT, RLMT, RLMT, RLMT, BW06, BW06, PD31, PDAR, PDAR, PDAR, BRIGG, YMP, LKWW, OGNF, H17A, H17A, FLWY, FLWY, MOOW, SNOW, SNOW, SNOW, ISCO, ISCO, ISCO, REDW, IMW.

1736

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, s, ISC. Includes stations like IMW, TPWA, TPWA, FWXY, E28A, ID10, O20A, O20A, YHL, YHL, AHID, AHID, ECR, RDMU, RDMU, ID09, ID09, SUSD, ID05, DGMT, DGMT, SMCO, SMCO, BOZ, BOZ, BOZ, ID08, ID08, Q24A, Q24A, ID07, HWUT, EGMT, BSUT, BSUT, KSCO, KSCO, DLMT, P18A, MIDND, CTU, BEMT, ELMT, LYMT, MPU, SRU, S22A, ECDSD, ECDSD, OVMT, BPMT, TMLT, NLU, CHMT, BGM, CBKS, HLID, LYGT, DUG, F33A, T25A, MSO, MSO, L34A, MVCO, PLMD, AGM, PSUT, CCUT, GCO2, ULM, ULM, ULM, NVAR, TXAR, TXAR.

NEIC 23 18:01:37.8-2.3, 16:56N:106:95:10W, h12km, 5km, mb4.4/33, MD4.2/19(MEX), Error ellipse: s-maj=8.8km s-min=5.4km az=179.0

MEX 23 18:01:40.7-0.7, 16:51N:95:05W, h10km, MD4.2, ISC 23 18:01:36.7-1.0, 16:55N:100:95:15W, h14km, 8km, n71, c1919, mb4.3/6, 1C-2D, Oaxaca

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, s, ISC. Includes stations like NILT, NILT, NILT, HUIG, HUIG, HUIG, CARR, NEUV, NEUV, NEUV, PANG, PANG, OXLO, OXBJ, OXBJ, OXIG, OXIG, VHO, VHO.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHO, TGIG, PEIG, PCIG, TXIG, CCIG, PATR, PAVE, CHUJ, TLIG, UNIM, MTO3, TEIG, TGUH, JACO, R33A, R33B, SOR, SRBA, 435B, BRCT, OZNA, WHTX, ALPN, FW13, FW07, FW06, ABTX, 553A, 425A, APMT, WFTS, LOOK, MNMX, X37A, MIAR, X40A, X34A, W35A, FCAR, 121A, T35A, T45A, BG3, S44A, SIUC, R40A, SMCO, EYMH, AGMM, J08A, AC02.

NEIC 23 18:05:2.8, 2.98S, 0.06E, 129.70E, 0.05, h1km, 20km, mb4.0/6, Error ellipse: s-maj=10.4km s-min=9.1km az=172.0

IDC 23 18:05:4.1, 2.307S, 129.73E, h0km, mb3.8/5, mbtmp3.8/7, ML3.9/2, Error ellipse: s-maj=40.4km s-min=23.3km az=76.0

DJA 23 18:10:7.0, 3.3'S, 133.0E, h52km, 16km, M4.0/12, mb4.3/6, ML3.9/12

ISC 23 18:08:2.0, 7.302S, 0.06E, 129.83E, 0.07, h25km, n29, a=177/32, mb3.8/4, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI, FAKI, SIJ, SIJ, SWI, NLAI, LBMI, KMPI, SANI, TNTI, RKPI, GTOI, MRSI, MTN, TOLII, DAV, KNRA, WB9, WBO, WRA, WRA, WRA, WB2, PS400, PS400, AS31, AS31, ASAR, ASAR, ASAR, NDT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, CMAR, MAJO, MKAR, KURBB, BVAR.

NEIC 23 18:25:21.1, 6.20S, 0.2W, 177.9W, 0.2, h49km, 20km, mb4.3/6, Error ellipse: s-maj=32.4km s-min=23.9km az=137.0

IDC 23 18:25:26.4, 7.8, 19.83S, 178.13W, h560km, 85km, mb2.9/4, mbtmp3.9/5, Error ellipse: s-maj=54.0km s-min=38.3km az=27.0

ISC 23 18:25:20.8, 0.8, 19.9S, 0.2W, 177.9W, 0.1, h500km, n20, a=138/21, mb4.1/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIUE, AFJ, PINNC, URZ, KTA, CTAO, WRO, ASAR, ASAR, ASAR, WBO, WBO, WRA, WRA, KNRA, KNRA, KSAR, KS19, ILAR, AKASO, BRTR, CLL.

JMA 23 18:26:58.0, 0.1, 24.0N, 0.06E, 122.33E, 0.2, h49km, 20km, ML3.2/18, TAIWAN REGION

TAP 23 18:26:58.1, 24.10N, 122.32E, h57km, ML3.3, C

ISC 23 18:26:58.9, 1.2, 24.09N, 0.02E, 122.33E, 0.02, h48km, 7km, n156, a=195/280, 1C-30, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like E0S4, E0S3, E0S2, ENA, ENA, ETL, ETL, JYNG, JYNG, TWD, TWD, HWA, HWA, NACB, NACB, NACB, TWC, TWC, YOJ, YOJ, YOJ, YOJ, ETM, NDS, NDS, ETHL, ETHL, TEGC, TEGC, EGS, EGS, LXIB, LXIB, LATG, LATG, ESL, ESL, ESL, TWE, TWE, ENT, ENT, NDT, NDT, NDT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNSB, EGFH, NNS, NNS, WARBT, FUSB, FUSB, TWB1, TWB1, WHF, WHF, FUSS, FUSS, FUSF, FUSF, NWLT, NWLT, HGSD, HGSD, YHNB, YHNB, CHGB, CHGB, NSK, NSK, OWD, OWD, TWT, TWT, SX11, SX11, TDCB, TDCB, EHY, EHY, NWF, NWF, WFSB, WFSB, WUSB, WUSB, TWA, TWA, ECBN, ECBN, NHDH, NHDH, NHDH, VVDT, VVDT, TATO, TATO, TATO, TNOU, TNOU, NHY, NHY, YULB, YULB, YULB, EYUL, EYUL, TWF1, TWF1, TAP, TAP, TAP, NFF, NFF, WPL, WPL, YMO1, YMO1, WHP, WHP, WHP, YMO8, YMO8, YMO8, DPDB, DPDB, SSLB, SSLB, SSLB, WCS, WCS, WCS, NJD, NJD, NJD, FULB, FULB, FULB, NTY, NTY, NTY, TWS1, TWS1.

23d 18h

Table of astronomical observations for 23d 18h, listing station names, codes, and coordinates.

2017 SEP

Table of astronomical observations for 2017 SEP, including station names, codes, and coordinates.

1738

Table of astronomical observations for 1738, including station names, codes, and coordinates.



23d 19h

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, MJAR Matsushiro Array, KSRS Korea Array, WRA Warramunga Array, ASAR Alice Springs, URZ Urewera, and KURBB Kurchatov Array.

IDC 23 19:15:37.5-0.8, 45:63Sx112.73W, h0km, mb4.0/5, mtbpm4.0/5, MS4.0/39, Error ellipse: s-maj=37.2km s-min=24.7km az=121.0

GCMT 23 19:15:39.4, 1.3, 45:00S, 0:02:112.49W:0.2, h03km, 1km, MW5.0/91, Moment Tensor Solution. s26:c27, s91:c115, Duration: 0. Moment tensor: Scale 10^16Nm; Mr:0.09, 18; Mw:1.63, 17; Ms:1.55, 15; Me:1.31, 20; Mw:3.60, 12; Ms:1.46, 21; Best double couple: M43.35500x10^16

NEIC 23 19:15:39.4, 1.3, 45:00S, 0:02:112.49W:0.2, h10km, 1km, mb4.7/27, Error ellipse: s-maj=28.7km s-min=20.3km az=295.0

ISC 23 19:15:38.9-0.5, 45:65S:0.1x112.5W:0.1, h10km, n142, c095/83, mb4.6/22, MS4.0/42, 9C-8D, Southern East Pacific Rific

Main table of station data for the 23d 19h period, listing codes, station names, coordinates, and phases.

2017 SEP

Main table of station data for the 2017 SEP period, listing codes, station names, coordinates, and phases.

JMA 23 19:43:01.8-0.2, 42:02N, 0:7:142.8E:0.7, h49km, 1km, MV3.2/38, S OFF URAKAWA
IDC 23 19:43:03.2-3.8, 42:09N:143:05E, h71km, 18km, mb3.5/7, mtbpm3.6/10, MS3.2/3, Error ellipse: s-maj=57.6km s-min=16.9km az=103.0

1740

Main table of station data for the 1740 period, listing codes, station names, coordinates, and phases.

MEX 23 19:48:52.1-0.5, 15:09N:93.78W, h15km, 287km, MD3.7, Error ellipse: s-maj=2.1km s-min=1.3km az=227.0

Table of station data for the MEX 23 19:48:52.1-0.5 event, listing codes, station names, coordinates, and phases.

MEX 23 19:51:29.3-0.4, 13:29N:94.50W, h20km, MD3.8, Off coast of Chiapas

Table of station data for the MEX 23 19:51:29.3-0.4 event, listing codes, station names, coordinates, and phases.

THE 23 19:58:47.2, 34:34N:24:31E, h12km, 1km, ML3.2/4, Error ellipse: s-maj=3.0km s-min=1.8km az=8.0

ISK 23 19:58:47.2, 34:34N:24:31E, h23km, ML3.2/11, Error ellipse: s-maj=2.6km az=127.0

NAO 23 19:59:03.0, 36:61N:25:74E, h33km, mb3.5, Error ellipse: s-maj=34.5km s-min=21.6km az=127.0

Main table of station data for the 1740 period, listing codes, station names, coordinates, and phases.

Table with columns: IDI, comp, AML, AML, 19 59 27.3, etc. Includes stations like IMMV, CHAN, KSTL, HRKL, ZKR, KTHA, SANT, VILL, GUR, LAKA, YER, EFP, AXAR, ANX, PSDA, VLS, WKR, EVGI, LK2D, BRTR, GERES, AKASG, ESDC, HFS, FINES, NB2, NOA, TORD, MBAR, ZALV, and MEX 23 20:27:35.0, 9, 16, 42N-94:96W, h17km, 34km, MD4.0, Oaxaca.

Table with columns: PCIG, RTAL, METF, TEG, ORTG, LCR2, RIMA, SOR, SRBA, DRKO, 435B, JCT, TX31, TX32, BRDY, WHTX, ABTX, MIAR, X34A, FCAR, T42A, R40A, AGMN, B3SA, B3SA, NEIC 23 20:47:05.7, 7.62N, 124.88E, h9km, BUI 23 20:47:05.5, 0.0, 7.46N, 125.15E, h26km, mb5.1/87, etc.

Table with columns: STKI, TWG, TWG, KSM, KSM, YULB, TPUB, TPUB, MMRI, MMRI, SSLS, SSLS, DLV, DLV, SAUI, SAUI, NACB, NACB, SOEI, SOEI, SOEI, SOEI, YHNB, YHNB, TATO, TATO, BATI, BATI, BATI, BATI, PLAI, PLAI, PLAI, PLAI, TWSI, TWSI, BWJI, BWJI, KMMI, KMMI, BASI, BASI, QZH, QZH, QZH, QZH, SRBI, SRBI, GENE, GENE, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, DNP, DNP, IGBI, IGBI, GRJI, GRJI, GZH, GZH, GZH, GZH, GZH, GZH, JOW, JOW, JOW, JOW, JOW, JOW, NGJI, NGJI, SMRI, SMRI, GUMO, GUMO, GUMO, GUMO, GUMO, GUMO, WJOI, WJOI, UGM, UGM, UGM, UGM, YOGI, YOGI, MTN, MTN, MTN, MTN, KDU, KDU, KDU, KDU, MYKM, MYKM, KPJI, KPJI, DSRI, DSRI, LEM, LEM.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LEM, CMJI, PMBI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GSI, PMG, COEN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO, MJAR, DL2, etc.





23d 20h

Table with columns for station call letters (e.g., PETK, AAK), frequency, and other parameters. Includes sub-headers like 'comp=Z,24nm,1.1s,baz=205,slow=2.4,SNR=8.9' and 'LR LR'.

2017 SEP

Table with columns for station call letters (e.g., AAK, AAK, AAK), frequency, and other parameters. Includes sub-headers like 'MLR MLR', 'comp=Z,42m,21.0s', and '56.28 317'.

1744

Table with columns for station call letters (e.g., WSAR, WSAR, WSAR), frequency, and other parameters. Includes sub-headers like 'P S', 'P S', and '20 57 49.8 +0.2'.

Table with columns: Station ID, Name, Time, Status, Direction, Distance, etc. Includes stations like G15K Niukluk, M14K Bethel, O14K Tigykuaivert M, etc.

Table with columns: Station ID, Name, Time, Status, Direction, Distance, etc. Includes stations like KBZ Khabaz, M19K Big River Lodg, H20K Anonegega Mo, etc.

Table with columns: Station ID, Name, Time, Status, Direction, Distance, etc. Includes stations like TOLK Toolik Lake Re, I23K Minto, VORR Voronezh, etc.

23d 20h

Table with columns for station name (e.g., GAZ, APA, G26K), time (23d 20h), and various status codes (I, P, M, A, S, etc.).

2017 SEP

Table with columns for station name (e.g., BR131, BR131, BR131), time (2017 SEP), and various status codes (P, M, A, S, etc.).

1746

Table with columns for station name (e.g., MNK, MNK, MNK), time (1746), and various status codes (I, P, M, A, S, etc.).

1747

Table with columns: Station Name, Frequency, Power, Location, and other technical details. Includes stations like MBara, BOVS, PSZ, BBB, RES, NB2, NOA, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Location, and other technical details. Includes stations like OBKA, BIAO, MATP, SABO, LESA, etc.

23d 21h

Table with columns: Station Name, Frequency, Power, Location, and other technical details. Includes stations like TORD, JFWS, TXAR, etc.

Table with columns: Station Name, Frequency, Power, Location, and other technical details. Includes stations like DAV, DAV, WRA, etc.

IDC 23 21:08:15.2±1.0, 7.20N, 124°61E, h0km, mb3.7/5, mmtbp3.8/13, Error ellipse: s-maj=27.6km s-min=11.0km az=15.0, Mindano

IDC 23 21:08:34.4±0.8, 34°78N, 139°74E, h0km, mb3.8/10, mmtbp3.8/13, ML3.4/3, Error ellipse: s-maj=30.0km s-min=13.2km az=79.0

NEIC 23 21:08:38.9±1.4, 34°75N, 0°03, 139°81E, 0.0e, h33km, 6km, mb4.2/8, Error ellipse: s-maj=8.2km s-min=2.2km az=58.0

JMA 23 21:08:39.0±0.1, 34°8N, 0.4, 139°6E, 0.4, h22km, 1km, MD4, 2/35, MV4, 0/35, SAGAMINADA

JMA Feil III 21:08:36.5±1.3, 34°76N, 0°03, 139°74E, 0.0°04, h16km, 8km, n82, ±0.95/74, mb4.1/14, 8D, Near south coast of eastern Honshu

Table with columns: Station Name, Frequency, Power, Location, and other technical details. Includes stations like JIM2, JIM2, Oshima 3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HJH Hachijo jima 2, JHJ Mitsune, JHJ2 Mitsune, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JMA 23.21:15.53, SKHL 23.21:15.55, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 23.21:17.27, NEIC 23.21:17.30, etc.

Table with columns: SOEI, Iamb, Iamb, 21 21 54.5, etc. Includes stations like BATI Baumata, MTN Manton Dam, KNRA Kununurra, etc.

IDC 23.21:18.13 0.0, 5.753N, 124.78E, h0km, mb4.3/20, mbmp3.8/9, MS4.1/10, Error ellipse: s-maj=16.9km s-min=8.2km az=47.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), MYLDM Lahad Datu, KMSI Cibinong, etc.

Table with columns: QIZ, LR, LR, 21 22 54.5, etc. Includes stations like QIZ comp=Z,2um,17.6s, IGBI Denpasar, JAGI Jajag, Banyuwya, etc.

Table with columns: Code, Station Name, Az, El, AzM, ElM, Time, Res, and various other parameters. Includes stations like BTO, MDJ, GOMU, etc.

Table with columns: ARU, IAMB, IAMB, 21 31 35.2, and various other parameters. Includes stations like SIRT, IMAR, GYRO, etc.

Table with columns: ENH, IAMB, IAMB, 21 26 07.8, and various other parameters. Includes stations like KMI, CMAR, GSI, etc.

BUJ 23 21:20:14.8,0.0,7.60N,125.16E, h10km, mb4.6/48, mB5.2/11, Ms4.9/7, Ms7 4.6/7
IDC 23 21:20:15.6,0.5, 7.51N, 124.64E, h0km, mb4.5/19, mbmp4.4/22, ML4.2/3, MS4.3/5, Error ellipse: s-maj=17.8km s-min=8.6km az=46.0
MOS 23 21:20:16.8, 1.1, 7.47N, 124.78E, h20km, mb5.1/29, Error ellipse: s-maj=14.2km s-min=6.2km az=105.8
NEIC 23 21:20:17.3, 1.1, 7.57N, 124.82E, 0.06, h10km, 1km, mb5.0/5, Error ellipse: s-maj=13.3km s-min=7.2km az=39.0
GCMT 23 21:20:17.3, 0.3, 7.71N, 124.78E, 0.02, h13km, 3km, MW5.1/83, Moment Tensor Solution. s83,c131; Duration: 0. Moment tensor: Scale 10^19Nm; Mr1.37±.26; Mw4.44±.21; Mw-5.81±.25; Mo0.37±.44; Mo-0.32±.15; Mo-1.52±.71; Best double couple: Ms5.30900x10^16 NP1:3313.000000, 886.000000, -13.000000. NP2: 64.400000, 877.000000, -176.000000. Principal axes: T 4.4850, Plg6.0000, Azm359.0000; N 1.6470, Plg17.0000, Azm17.0000; P -6.1330, Plg12.0000, Azm268.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 23 21:20:17.4, 0.3, 7.50N, 124.79E, 0.06, h10km, n232, c1943/223, mb4.9, MS4.4/6, 16C-8D, Mindanao

23d 21h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ulanbaatar, Sonm, DANN, PYUN, ARMA, ZEA, ARPS, CAN, WMQ, TOO, DGZ, PETK, MK31, MKAR, MAZ, MA2, AAK, ZAAO, ZALV, ZALV, ZALV, KURB, KURK, KBL, KBL, BTK, SEY, KK31, KK31, KKAR, BVAR, HRA, BRVK, TIXI, THZ, NRK, NRK, RTZ, GYA0B, ABKAR, SVE, ARU, CASY, KIRV, GROC, G18K, C19K, PRGR, H19K.

2017 SEP

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKH, J19K, F20K, KIV, K20K, J20K, SIRT, IMAR, GURO, G21K, H21K, CAST, F22K, BPAW, MLY, MLY, TRF, KLMM, KLMM, KLMM, I23K, D24K, HDA, ILAR, ILAR, BMAR, J26L, J26L, I26K, I26K, M26K, BNN, H27K, K27K, L27K, L27K, E28M, F28M, I28M, I28M, I28M, BR131, BRTR, BRTR, BRTR, SPITS, EPYK, K29M, INK, Vnda, FINES, AKASO, AKBB, MBAR, CLL, CLL, VNA2, VNA3, VNA1, TORD, TXAR, M1AR, PLCA, PLCA, IDC 23 21:25:15.2, NEIC 23 21:25:17.2, ISC 23 21:25:17.0, Code, Station Name, Az, Phase, ID, Time, Res.

1750

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAR, GSI, WBO, WBO, WRA, WRA, PSA00, AS31, ASAR, BBOO, STKA, SONM, MKAR, MKAR, KURBB, KURK, KURK, KKAR, BVAR, BRVK, BRVK, BMAR, BCAR, IDC 23 21:30:50.0, DJA 23 21:30:50.9, NEIC 23 21:30:52.7, ISC 23 21:30:52.1, Code, Station Name, Az, Phase, ID, Time, Res.



Table with columns: BVAR, Borovoye Array, 63.14 327 P, 21 41 20.2 0.0, etc.

NEIC 23:21:42:09.6:1.6, 51.8N:0.1:178.23E:0.09, h135km, 4km, mb4.3/9, ML3.1(AEIC), Error ellipse: s-maj=15.1km s-min=7.5km az=193.0

AEIC 23:21:42:10.2:1.3, 51.83N:0.09:178.18E:0.09, h133km, 3km, Error ellipse: s-maj=14.2km s-min=6.4km az=201.0

ISC 23:21:42:10.8:0.7, 52.02N:0.1:178.31E:0.04, h130km, 6km, n46, e090/51, mb3.4/7, Rat Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Little Sitkin, Kanaga Island, etc.

SJA 23:22:02.00.7:0.7, 33.75S:71.57W, h44km, 4km, ML4.9, MW4.6

WAKE ISLAND Hy 33.42 200 T, WAKE ISLAND Hy 33.43 200 T, WAKE ISLAND Hy 33.44 200 T

KURCHATOV Arra 57.38 312 P, Kurchatov Arra 57.38 312 P

Makanchi Array 58.23 307 P, Makanchi Array 58.23 307 P

Borovoye Array 59.23 318 P, Borovoye Array 59.23 318 P

Lajitas Array 60.32 79 P, Lajitas Array 60.32 79 P

Abkarak array 66.34 321 P, Waramungarra Arr 81.25 221 P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes Santo Domingo, Popeta, etc.

Table with columns: BO03, Tunca, 0.80 143 P, 22 02 27.9 +0.8, etc.

Table with columns: MT05, Renca, 0.85 65 P, 22 02 16.9 -0.6, etc.

Table with columns: BO04, La Punta, 0.91 105 P, 22 02 17.1 -1.1, etc.

Table with columns: MT03, Universidad Ad, 1.00 75 P, 22 02 18.4 -0.9, etc.

Table with columns: MT03, Universidad Ad, 1.00 75 P, 22 02 18.4 -0.9, etc.

Table with columns: PEL, Peldehue, 1.02 54 P, 22 02 19.3 -0.3, etc.

Table with columns: MT13, San Alfonso, 1.15 90 P, 22 02 20.0 -1.0, etc.

Table with columns: LMEL, Las Melosas, 1.22 95 P, 22 02 21.5 -1.0, etc.

Table with columns: FCH, Farellones, 1.22 70 P, 22 02 21.9 -1.7, etc.

Table with columns: BO02, Sierra Bellavi, 1.27 145 P, 22 02 22.9 -0.1, etc.

Table with columns: GO05, Huala, 1.27 190 P, 22 02 23.3 +0.6, etc.

Table with columns: VA03, San Esteban, 1.36 44 P, 22 02 24.9 +0.7, etc.

Table with columns: ML02, Panimavida, 2.01 174 P, 22 02 33.8 +0.7, etc.

Table with columns: CO02, Combarbal, 2.61 13 P, 22 02 16.9 -0.6, etc.

Table with columns: ASAL, Salagasta, 2.64 65 P, 22 02 43.9 +2.1, etc.

Table with columns: CO03, El Pedregal, 3.02 16 P, 22 02 47.8 +0.7, etc.

Table with columns: BI05, Punta Hualpin, 3.24 202 P, 22 02 49.6 -0.2, etc.

Table with columns: G004, Tololo Observa, 3.65 12 P, 22 02 56.3 +0.5, etc.

Table with columns: CO05, La Serena, 3.84 6 P, 22 02 58.4 +0.2, etc.

Table with columns: CO01, Juntas del Tor, 4.00 20 P, 22 03 01.6 +1.1, etc.

Table with columns: AROD, Rodeo, 4.03 28 P, 22 03 03.3 +2.2, etc.

Table with columns: ACHE, Chepes, 4.96 60 P, 22 03 15.7 +2.1, etc.

Table with columns: H03S1, Juan Fernandez, 6.07 271 P, 22 03 31.4 +2.9, etc.

Table with columns: H03N1, Juan Fernandez, 6.06 271 P, 22 03 31.2 +2.9, etc.

Table with columns: H03N3, Juan Fernandez, 6.07 271 P, 22 03 31.4 +2.9, etc.

Table with columns: H03N3, Tunca, 0.80 143 P, 22 02 16.9 -0.6, etc.

Table with columns: G003, Copala, 6.26 12 P, 22 03 30.8 -0.8, etc.

Table with columns: LL04, Puerto Octay, 7.17 185 P, 22 03 42.6 -1.1, etc.

Table with columns: TIC4, Tres Isletas, 12.21 56 P, 22 04 52.3 -0.6, etc.

Table with columns: UNIS, Unistalda, 14.91 76 P, 22 05 28.4 -1.0, etc.

Table with columns: PLTB, Pedras Altas, 15.33 88 P, 22 05 33.8 -1.5, etc.

Table with columns: FRBT, Francisco Belt, 17.88 69 P, 22 06 07.3 +0.2, etc.

Table with columns: MCR1, Marechal Candi, 17.95 64 P, 22 06 07.8 0.0, etc.

Table with columns: ANTJ, Antonio Joao, 18.11 54 P, 22 06 09.3 -0.2, etc.

Table with columns: AQDB, Aquidauana, 19.38 51 P, 22 06 23.0 -0.4, etc.

Table with columns: VILB, Vilhena, 23.19 29 P, 22 07 05.1 +0.8, etc.

Table with columns: ETMB, Extrema, 24.35 13 P, 22 07 15.6 +0.6, etc.

Table with columns: ETMB, Extrema, 24.35 13 P, 22 07 15.6 +0.6, etc.

Table with columns: SNDB, Serra Nova Dou, 28.57 45 P, 22 07 54.3 +1.3, etc.

Table with columns: TULM, Tulcan-Chalpat, 34.77 349 P, 22 08 45.7 -2.3, etc.

Table with columns: BOAV, Boa Vista, 37.46 19 P, 22 09 09.5 -1.0, etc.

Table with columns: VNA1, Neumayer-Stat, 49.78 157 P, 22 10 49.6 +0.8, etc.

Table with columns: SNAA, Sanae, 51.69 158 P, 22 11 03.3 -0.1, etc.

Table with columns: TROLL, Troll, Antarti, 54.03 158 P, 22 11 16.7 +0.6, etc.

Table with columns: QSPA, South Pole Qui, 56.48 180 P, 22 11 39.5 +1.1, etc.

Table with columns: QSPA, South Pole Qui, 56.48 180 P, 22 11 39.7 +1.3, etc.

Table with columns: WNDV, Waverly, 71.15 346 P, 22 13 37.3, etc.

Table with columns: SUR, Sutherland, 74.67 119 P, 22 13 35.8 -0.6, etc.

Table with columns: BOSA, Boshof, 79.91 118 P, 22 14 05.3 -0.4, etc.

Table with columns: KOWA, Kowa, 80.25 65 P, 22 14 06.3 -1.1, etc.









Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like OZNA, YS2A, TXAR, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RES, F2AR, BMAR, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RK1H, MSVF, CTAO, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like BLDU, MORW, NWAOW, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like O17K, KDAD, M16K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like K24K, PNL, H23K, etc.





FCAR	Ozark Folk Cen	4.05	96	Pn	01 12 40.7 +2.0
FCAR				Iamb_Lg	01 13 51.2
FW13	Cleburne	4.05	184	Pn	01 12 40.0 +1.3
FW13				Iamb_Lg	01 13 53.8
WHAR	Woolly Hollow	4.05	104	Pn	01 12 40.2 +1.4
DKNS	Dickens	4.17	230	Pn	01 12 40.5 +0.1
DKNS				Iamb_Lg	01 13 53.7
UALR	University of	4.19	111	Pn	01 12 40.9 +0.3
WLAR	White Oak Lake	4.24	129	Pn	01 12 42.9 +1.6
WLAR				Iamb_Lg	01 13 54.5
P38A	Dawn	4.27	40	Pn	01 12 44.0 +2.3
P38A				Iamb_Lg	01 13 56.5
P38A	Dawn	4.27	40	P	01 12 43.8 +2.1
R40A	Madlies Statio	4.28	62	P	01 12 44.2 +2.3
ABTX	Abilene, Hawle	4.32	210	Pn	01 12 43.7 +1.2
ABTX				Iamb_Lg	01 13 55.4
ABTX	Abilene, Hawle	4.32	210	P	01 12 43.8 +1.3
ABTX				Sb	01 13 48.8 +4.0
ABTX	Abilene, Hawle	4.32	210	P	01 12 43.5 +1.1
N33B	J Bar K, Exete	4.34	356	P	01 12 44.5 +1.8
N33A	J Bar K, Exete	4.34	356	Pn	01 12 43.1 +0.4
N33A				Iamb_Lg	01 14 02.1
WHTX	Lake Whitney,	4.41	184	Pn	01 12 44.5 +0.9
WHTX	Lake Whitney,	4.41	184	Pn	01 12 44.8 +1.1
WHTX				S	01 13 37.2 +2.6
237A	Washetta, Mont	4.52	166	P	01 12 45.9 +0.8
237A				S	01 13 38.1 +1.0
N35A	Tabor	4.59	14	Pn	01 12 48.9 +2.7
Z41A	Richland Creek	4.72	130	P	01 12 49.2 +1.4
Z41A				P	01 12 49.2 +1.4
Z41A				S	01 13 43.3 +1.2
Z41A				S	01 13 43.3 +1.2
SN01	Snyder 1	4.72	223	Pn	01 12 48.8 +0.8
SN01				Iamb_Lg	01 14 13.7
LCAR	Lake Charles	4.81	92	Pn	01 12 50.8 +1.7
LCAR	Lake Charles	4.81	92	Sb	01 14 06.5 -5.4
T42A	Van Buren	4.86	81	P	01 12 50.7 +0.9
T42A				Iamb_Lg	01 14 09.4
T42A	Van Buren	4.86	81	P	01 12 51.9 +2.1
T42A				Sb	01 14 08.5 -5.0
POST	Post	4.93	229	Pn	01 12 50.8 0.0
POST				Iamb_Lg	01 14 20.1
CCM	Cathedral Cave	4.95	69	Pn	01 12 52.5 +1.5
CCM				Iamb_Lg	01 14 14.5
CCM	Cathedral Cave	4.95	69	P	01 12 52.3 +1.3
CCM	Cathedral Cave	4.95	69	Pn	01 12 53.3 +2.3
CCAR	Cane Creek	5.01	118	Pn	01 12 53.9 +2.0
CCAR				Iamb_Lg	01 14 26.8
CCAR	Cane Creek	5.01	118	P	01 12 54.0 +2.2
NATX	Nacogdoches	5.05	156	Pn	01 12 51.4 -1.1
NATX	Nacogdoches	5.05	156	P	01 12 53.0 +0.5
NATX	Nacogdoches	5.05	156	Pn	01 12 53.1 +0.7
BGNE	Belgrade	5.07	351	Pn	01 12 54.1 +1.4
BGNE	Belgrade	5.07	351	P	01 12 54.3 +1.6
BGNE	Belgrade	5.07	351	P	01 12 54.7 +2.0
KSCO	Kaye Shedlock'	5.11	302	Pn	01 12 54.8 +1.5
KSCO				Iamb_Lg	01 14 29.8
KSCO	Kaye Shedlock'	5.11	302	P	01 12 55.3 +2.0
KSCO				S	01 13 53.0 +1.1
KSCO	Kaye Shedlock'	5.11	302	P	01 12 55.1 +1.8
MSTX	Muleshoe	5.25	244	Pn	01 12 55.9 +0.6
MSTX	Muleshoe	5.25	244	P	01 12 55.7 +0.4
MSTX				S	01 13 55.6 +0.2
MSTX	Muleshoe	5.25	244	P	01 12 55.9 +0.6
N38A	Joess South For	5.32	33	Iamb_Lg	01 14 29.6
BRDY	Brady	5.34	198	Pn	01 12 56.2 -0.4
BRDY				Iamb_Lg	01 14 33.9
PBMO	Poplar Bluff	5.37	84	Pn	01 12 57.5 +0.7
FVM	French Village	5.55	71	Iamb_Lg	01 13 00.0 +0.7
FVM				P	01 13 01.0 +1.7
L34A	Svensden Farm,	5.58	5	Pn	01 13 01.3 +1.5
SGCY	Stirling City	5.59	218	Iamb_Lg	01 14 40.7
435B	Jarrell	5.62	184	Pn	01 12 59.5 -0.8
435B				Iamb_Lg	01 14 41.0
435B	Jarrell	5.62	184	P	01 13 01.4 +1.1
435B				S	01 14 04.7 +0.2
435B	Jarrell	5.62	184	Pn	01 13 01.1 +0.8
GNAR	Gosnell	5.74	92	Pn	01 13 03.3 +1.5
HNVL	Huntsville, TX	5.79	166	Iamb_Lg	01 13 02.8 +0.2
HNVL				Iamb_Lg	01 14 37.6
SLM	Saint Louis	5.88	66	Pn	01 13 05.0 +1.1
SLM				Iamb_Lg	01 14 45.5
SLM	Saint Louis	5.88	66	P	01 13 05.9 +2.0
T25A	Trinidad	5.92	279	Pn	01 13 05.4 +0.8
T25A	Trinidad	5.92	279	Pn	01 13 05.1 +0.5
T25A				S	01 14 10.9 -1.3
OGNE	Ogallala	5.96	321	Pn	01 13 06.3 +1.3
OGNE				Iamb_Lg	01 14 53.1
OGNE	Ogallala	5.96	321	P	01 13 06.2 +1.1
OGNE				S	01 14 15.0 +2.1
OGNE	Ogallala	5.96	321	P	01 13 06.7 +1.7
143A	Socs Landing,	5.97	127	Pn	01 13 06.7 +1.7
143A				Iamb_Lg	01 14 56.1
143A	Socs Landing,	5.97	127	P	01 13 06.9 +1.8
CGM3	Cape Girardeau	6.03	79	Pn	01 13 06.0 +0.2
CGM3				Iamb_Lg	01 14 51.8
LNXT	Lenox	6.15	91	Pn	01 13 08.4 +0.9
ODSA	Odessa	6.22	228	Pn	01 13 09.2 +0.6
ODSA				Iamb_Lg	01 14 59.4

SCIA	State Center	6.27	28	Pn	01 13 09.4 +0.3
SCIA	State Center	6.27	28	P	01 13 10.2 +1.1
SCIA				S	01 14 21.7 +1.4
JCT	Junction City	6.33	202	Pn	01 13 10.7 +0.7
JCT				Iamb_Lg	01 15 05.6
JCT	Junction City	6.33	202	P	01 13 10.1 0.0
HICK	Hickman	6.33	86	Pn	01 13 12.1 +2.0
K31A	O'Neill	6.34	349	Pn	01 13 10.0 -0.2
S44A	Carbondale	6.40	76	Iamb_Lg	01 13 12.2 +1.3
S44A				Iamb_Lg	01 15 05.6
S44A	Carbondale	6.40	76	P	01 13 12.6 +1.7
OZNA	Ozona	6.42	213	Pn	01 13 11.2 -0.2
OZNA				Iamb_Lg	01 15 06.6
SIUC	Southern Illin	6.43	76	Pn	01 13 11.9 +0.5
SIUC				Iamb_Lg	01 15 09.2
N41A	Harden Midland	6.50	47	Pn	01 13 14.6 +2.1
N41A	Harden Midland	6.50	47	P	01 13 14.5 +2.1
OXF	Oxford	6.54	105	Pn	01 13 13.9 +0.9
OXF	Oxford	6.54	105	P	01 13 13.9 +0.9
OXF	Oxford	6.54	105	P	01 13 13.7 +0.7
Y45A	Yeager Farm, C	6.68	110	Pn	01 13 16.6 +1.8
Y45A				Iamb_Lg	01 15 20.0
P43A	Skaggs, Pawnee	6.79	59	Pn	01 13 17.2 +0.8
P43A				Iamb_Lg	01 15 18.0
P43A	Skaggs, Pawnee	6.79	59	P	01 13 18.2 +1.8
VBMS	Vicksburg	6.85	126	P	01 13 18.2 +1.0
VBMS				S	01 14 35.4 +0.7
SDCO	Great Sand Dun	6.86	284	Pn	01 13 18.3 +0.7
SDCO				Iamb_Lg	01 15 17.9
Q44A	EROS Data Cent	6.87	66	Pn	01 13 18.8 +1.3
Q44A	Meyer Farm, Va	6.87	66	P	01 13 19.4 +1.9
BRIGG	Briggsdale	7.04	309	Iamb_Lg	01 13 21.3 +1.4
BRIGG				Iamb_Lg	01 15 26.9
K38A	Parkersburg	7.07	27	P	01 13 22.8 +2.6
HND0	Hondo	7.10	196	Iamb_Lg	01 13 21.3 +0.7
HND0				Iamb_Lg	01 15 26.7
L40A	Anamosa	7.26	37	Pn	01 13 23.3 +0.6
L40A				Iamb_Lg	01 15 28.8
ECSD	EROS Data Cent	7.33	3	Pn	01 13 24.8 +1.0
ECSD	EROS Data Cent	7.33	3	P	01 13 24.4 +0.7
ECSD				S	01 14 46.8 +2.0
ECSD	EROS Data Cent	7.33	3	P	01 13 24.6 +0.9
HDIL	Hopedale	7.39	53	Pn	01 13 25.9 +1.4
HDIL	Hopedale	7.39	53	P	01 13 25.5 +1.0
HDIL				S	01 14 47.6 -0.3
HDIL	Hopedale	7.39	53	P	01 13 25.6 +1.1
PLAL	Pickwick Lake	7.47	98	Pn	01 13 26.8 +1.1
PLAL				Iamb_Lg	01 15 35.4
WWT	Waverly	7.48	89	Pn	01 13 27.8 +1.9
WWT	Waverly	7.48	89	P	01 13 26.4 +0.5
WWT				S	01 14 50.1 -0.2
WWT	Waverly	7.48	89	Pn	01 13 27.2 +1.3
OLIL	Olney	7.51	69	Iamb_Lg	01 13 28.4 +2.3
OLIL				Iamb_Lg	01 15 54.9
ISCO	Idaho Springs	7.53	299	Pn	01 13 27.9 +1.1
ISCO	Idaho Springs	7.53	299	P	01 13 27.5 +0.7
ISCO	Idaho Springs	7.53	299	P	01 13 27.8 +1.1
PECS	Pecos	7.54	230	Iamb_Lg	01 13 25.8 -1.0
PECS				Iamb_Lg	01 15 52.0
735A	Kenedy	7.55	185	Pn	01 13 27.6 +0.8
735A				Iamb_Lg	01 15 49.9
DRIO	Del Rio	7.57	204	Pn	01 13 27.9 +0.9
DRIO				Iamb_Lg	01 15 39.9
146A	Union	7.62	117	Iamb_Lg	01 15 57.4
UNIV	University of	7.68	75	Iamb_Lg	01 15 51.0
SAND	Sanderson	7.69	215	Iamb_Lg	01 15 48.2
O44A	Mansfield	7.74	58	Iamb_Lg	01 13 30.8 +1.4
O44A				Iamb_Lg	01 15 58.7
ANMO	Albuquerque	7.76	262	Pn	01 13 30.5 +0.6
ANMO	Albuquerque	7.76	262	P	01 13 31.2 +1.4
ANMO	Albuquerque	7.76	262	Pn	01 13 31.0 +1.1
ANMO				Pg	01 13 59.2
ANMO				Lg	01 15 35.6
ANMO				LR	01 16 47.4
L42A	Oliver, Polo	8.03	44	Pn	01 13 34.9 +1.6
L42A	Oliver, Polo	8.03	44	P	01 13 35.1 +1.8
T47A	Sharon Grove	8.04	83	Pn	01 13 35.2 +1.7
T47A	Sharon Grove	8.04	83	P	01 13 35.0 +1.5
I37A	Lemond, Waseca	8.11	19	Iamb_Lg	01 16 07.0
ALPN	Alpine	8.13	224	Pn	01 13 35.6 +0.8
ALPN				Iamb_Lg	01 16 01.5
PHWY	Pilot Hill	8.16	309	Pn	01 13 36.3 +0.9
SUSD	Miller	8.16	351	S	01 15 05.8 -1.0
N23A	Red Feather La	8.25	306	Pn	01 13 37.1 +0.4
N23A				Iamb_Lg	01 16 08.9
N23A	Red Feather La	8.25	306	P	01 13 38.1 +1.4
N23A				S	01 15 08.9 -0.7
833A	Chaparral WMA,	8.29	194	Pn	01 13 38.0 +1.1
833A	Chaparral WMA,	8.29	194	P	01 13 37.8 +0.9
MNTX	Cornudas Mount	8.33	238		

24d 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KAPI, ZALV, SUR, SONM, etc.

IDC 24 01:38:51.7,0.7,31.63S,58.39E, h0km, mb4.1/12, mbmp4.1/13, ML4.4/1, MS3.3/9, Error ellipse: s-maj=24.6km s-min=19.3km az=58.0

ISC 24 01:38:52.8,1.7,31.5S,0.158E,0.2, h10km, n49, mb4.4/11, Error ellipse: s-maj=28.2km s-min=19.1km az=262.0

Main table for 24d 2h section, listing various stations and their technical specifications. Includes stations like RER, VOI, H04N2, etc.

2017 SEP

Main table for 2017 SEP section, listing stations and their technical specifications. Includes stations like IDC, MEX, NEIC, ISC, etc.

1760

Main table for 1760 section, listing stations and their technical specifications. Includes stations like TUL3, OK031, FCAR, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like 539A Bolivar, 444 Meyer Farm, ACSO Alum Creek Sta, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like H11S3 WAKE ISLAND HY26.25 273, WRA Warrunganga Arr, LEM Lembang, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, AAK Ala-Archa, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like HCY, NKME, SRKY, etc., with their respective coordinates and data points.

Table with columns: DWU, LEVU, TMUT, etc., followed by station names like Dry Willow Pea, Levan, Trail Mountain, etc., with their respective coordinates and data points.

Table with columns: BW06, BW06, BW06, etc., followed by station names like Boulder Array, Queen of Sheba, etc., with their respective coordinates and data points.

MEX 24 04:39:22.8 0.3, 15.24N; 94.56W, h35km, 112km, MD4.3
IDC 24 04:39:25.9 3.4, 15.49N; 94.41W, h71km, 29km, mb3.6/11,
mbtmp3.9/13, MS3.2/9, Error ellipse: s-maj=28.2km
s-min=16.1km az=60.0
ISC 24 04:39:21.7 0.9, 15.26N; 0.05; 94.56W, 0.03, h37km, 11km,
n47, r193/59, mb3.8/11, MS3.0/8, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like CARR, NIIT, NIIT, etc., with their respective coordinates and data points.

NEIC 24 04:38:43.9 1.0, 38.61N; 0.01; 112.03W; 0.02, h5km, 7km,
Error ellipse: s-maj=2.1km s-min=1.7km az=144.0
UUS 24 04:38:44.1 1.1, 38.62N; 0.01; 112.06W; 0.01, h1km, 6km,
ML3.3/23, ML3.3/118(NEIC), Error ellipse: s-maj=2.1km
s-min=0.9km az=134.0, Utah

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MVU, TCRU, TCRU, etc., with their respective coordinates and data points.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BHUT Beaver, MTPU Mount Pierson, NMUT North Mineral, etc.

SOME 24 04:53:01.1, 39727N, 75.97E, h0km
NCC 24 04:53:03.5, 1.0, 39.78N, 75.95E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=6.8km s-min=4.7km az=168.0

KRNET 24 04:53:07.1, 0.1, 39.88N, 76.11E, mb3.0
ISC 24 04:53:10.7, 1.6, 39.95N, 0.07, 76.11E, 0.05, h10km, n52, r=187/68, 25C-12D, Southern Xinjiang

Main station list for 1765, including NRN Naryn, SFK Sufi-Kurgan, TARG Taragay, UCH Uchtor, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARK Arkit, MNAS Manas, KRBS Karabastau, etc.

GUC 24 04:58:53.9, 0.9, 27.53S, 69.46W, h118km, 5km, ML3.5
SJA 24 04:58:53.3, 1.3, 27.53S, 69.32W, h90km, ML3.4, MW3.5
ISC 24 04:58:53.0, 1.3, 27.47S, 0.03, 69.41W, 0.04, h125km, 9km, n33, r=150/53, 2C-12D, Northern Chile

Main station list for 2017 SEP, including AC02 Maricunga, G003 Copiap, AC04 Llanos de Chal, etc.

NEIC 24 05:10:31.8, 1.5, 16.13N, 0.02, 98.20W, 0.05, h29km, 6km, mb4.4/12, Md4.4/22(MEX), Error ellipse: s-maj=7.7km s-min=1.4km az=114.0
MEX 24 05:10:34.5, 0.5, 16.09N, 98.25W, h17km, 6km, MD4.4
IDC 24 05:10:40.4, 6.0, 16.49N, 97.65W, h75km, 54km, mb3.1/3, mbtmp3.6/6, ML4.0/4, MS3.1/7, Error ellipse: s-maj=54.1km s-min=25.2km az=42.0
ISC 24 05:10:30.5, 1.4, 16.12N, 0.04, 98.21W, 0.03, h11km, 9km, n204, r=183/181, mb4.5/36, MS3.0/6, Near coast of Guerrero

Main station list for 24d 5h, including YOIG Yosondua, PEIG Puerto Escondi, MGIG Malinaltepec, etc.

24d 5h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like WMOK, MIAR, AMTX, Y45A, etc.

2017 SEP

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like TUQU, OGNE, SS1A, MPTPU, etc.

1766

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like BVAR, FINES, NOA, WRA, etc.

NEIC 24 05:49:44.9: 1.0, 23.93N:0.05:122.34E:0.05, h21km,5km, mb4.6/37, Error ellipse: s-maj=8.3km s-min=5.4km az=150.0
ASIES 24 05:49:45.7: 23.99N:122.30E, h23km, ML4.7, Mw4.4, Moment Tensor Solution. Moment tensor: Scale 10^22Nm; Mrr1.67; Mss-3.93; Mss-0.78; Mss3.01; Mss0.87; Mrr1.13; Fault plane solution: Ms4.53089; 1022 NPI: 79.99000; 870.14000; 1.70.17000; NFP2: 306.71000; 827.78000; 1.133.21000; Principal axes: T P169.9760; Azm321.3430; N P18.6090; Azm86.9790; P P122.6690; Azm185.0640; TAP 24 05:49:45.7: 23.99N:122.30E, h23km, ML4.7, C JMA 24 05:49:45.2: 23.99N:122.30E, h23km, ML4.7, C NIED 24 05:49:45.2: 23.99N:122.30E, h23km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mrr1.73; Mss-2.73; Mss0.99; Mss2.51; Mss0.42; Mrr1.01; Fault plane solution: Ms3.61000\*10^15 NPI: 72.00000; 873.00000; 1.67.00000; NFP2: 307.00000; 829.00000; 1.142.00000; BUJ 24 05:49:46.1: 24.03N:122.27E, h21km, mb4.3/29, mB4.4/17, ML3.9/8, Ms4.0/30, Ms7.4/0/31 IDC 24 05:49:47.5: 2.9, 24.10N:122.37E, h42km, 27km, mb4.1/21, mbtmp4.2/23, ML3.4/2, MS3.6/31, Error ellipse: s-maj=18.5km s-min=14.7km az=59.0 ISC 24 05:49:45.3: 1.0, 23.95N:0.02:122.31E:0.02, h24km, 6km, n310, s122/381, mb4.5/48, MS3.6/30, 51C-29D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like E05A, E05B, E05C, etc.



1767

Table with columns for flight codes (e.g., NNS, EHY, ECBN), destinations (e.g., Nan Shan, Hungye, Changbin), and flight details (e.g., 0.98 300, 1.00 244).

2017 SEP

Table with columns for flight codes (e.g., YM08, ELDTW, TWS1), destinations (e.g., Zhongli, Lidau, Kuangyinshan), and flight details (e.g., 1.40 332, 1.40 238).

24d 5h

Table with columns for flight codes (e.g., SSHA, LAY, MASBT), destinations (e.g., Shanhua, Lan-yu, Mashbuluo), and flight details (e.g., 2.02 247, 2.02 200).

24d 6h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JCJ, MJAR, KKM, PZH, etc.

2017 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KK31, KKAR, BVAR, etc.

1768

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PB02, PB06, PB09, etc.

CRAAG 24 06:07:44.9, 36:23N-2:74E, M12.8, Algeria 04km SW Medea
MDD 24 06:07:48.5±1.8, 36:40N-2:69E, h0km, Mb3.7/4,
M\_mb3.0/4, Error ellipse: s-maj=16.7km s-min=7.0km
az=136.0

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

IDC 24 06:20:48.8±1.5, 20:63S-178:49W, h570km, 15km,
mb3.3/13, mbmtp4.2/15, Error ellipse: s-maj=20.8km
s-min=12.6km az=148.0
NOU 24 06:20:48.4, 20:62S-178:43W, h573km, mb4.1/12, Fiji
Islands Region

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

SJA 24 06:01:45.8±0.8, 22:10S-70:32W, h29km, 2km, ML3.4,
M1/3.7
GUC 24 06:01:47.8±0.8, 22:10S-70:26W, h36km, 3km, ML3.5
ISC 24 06:01:45.6±1.4, 22:11S-0:02-70:33W, 0.05, h20km, 5km,
n32, ±18154, 1C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04, PB07, PB09, etc.

Table with columns: Call sign, Station name, Frequency, Class, Power, and other technical details. Includes stations like CTAO Charters Tower, WBQ Warrungarra Arr, and many others.

Table with columns: Code, Station name, Frequency, Class, Power, and other technical details. Includes stations like ESDC Sonseca Array, GWJ Greenwichee, and many others.

Table with columns: Call sign, Station name, Frequency, Class, Power, and other technical details. Includes stations like LVC Limon Verde, LVC Limon Verde, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, P, I, Amb, L, R. Includes stations like RCBR Riachuelo, TKL Tuckaleechee C, WLAR White Oak Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, P, I, Amb, L, R. Includes stations like KRSR, PZH PanZhiHua, NEIC 24 07:09:26.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, P, I, Amb, L, R. Includes stations like ITAB Concordia, LPAZ La Paz, AQDB Aquidauana, etc.

IDC 24 07:13:22.8, 0.9, 50.06N, 78.77E, hOkm, mbmp2.5/2, ML1.9/2, Error ellipse: s-maj=10.0km s-min=6.2km az=60.0

NCC 24 07:13:22.4, 0.3, 50.008N, 78.86E, hOkm, mb2.6, mpv2.2, 14C-10D, Error ellipse: s-maj=9.0km s-min=1.7km az=67.0, Suspected Mining explosion., Eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, P, I, Amb, L, R. Includes stations like Kazakhstan, KUR07 Kurchatov Arr, KUR07 Kurchatov Arr, etc.

1771

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR16, KUR17, KUR05, etc.

DNK 24 07:33:56.7, 2.3, 80.14N, 0.68W, h39km, 34km, ML2.9
BER 24 07:33:57.2, 2.1, 80.20N, 0.85W, h23km, 20km, mb(Pn)3.6,

Confirmed Earthquake
KOLA 24 07:33:59.8, 80.46N, 2.41E, h0km, ML2.3, Error ellipse:
s-maj=48.5km s-min=19.5km az=40.0, Greenland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBS, KUR05, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBS, KUR05, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPA0, SPB0, etc.

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

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

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

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

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

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

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

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

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

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

2017 SEP

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

US8A Gravette 20.30 2 P P 08 04 14.9 +0.2
OK048 Pavnee Station 20.32 356 P Iamb Iamb 08 04 15.2 +0.4

SKO 24 08:06:27.4, 41.39N, 22.71E, h10km, ML1.0,
Northwestern Balkan Peninsula

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

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

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

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

ATH 24 08:06:50.1, 40.77N, 22.87E, h10km, 3km, ML1.9/5,
Manual Solution by A.Moschou First location: 2019/04/16

THE 24 08:06:50.2, 40.79N, 22.38E, h4km, 1km, ML1.9/7, Error
ellipse: s-maj=1.6km s-min=0.7km az=204.0, Greece

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

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

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

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

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

NEIC 24 08:13:23.2, 0.8, 42.61N, 0.010-11.46W, 0.02,
h5km, 1km, ML2.5/6, ML2.6/4(USS), Error ellipse:
s-maj=1.7km s-min=1.4km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ID06, ID06, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ID08, ID08, etc.

24d 8h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ID10, ECR, etc.

MOOV Moose Ponds 1.25 24 P P 08 04 10.9 +0.2
HUU Hansel Valley 1.29 231 P P 08 04 11.2 +0.4

DC 24 08:20:40.4, 5.2, 21.50S, 174.81W, h119km, 43km, mb3.6/5,
mbmp4.0/6, MS3.4/6, Error ellipse: s-maj=35.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BW06, BW06, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PD31, PDAR, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H17A, CTU, etc.

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

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

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

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

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

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

DC 24 08:20:40.4, 5.2, 21.50S, 174.81W, h119km, 43km, mb3.6/5,
mbmp4.0/6, MS3.4/6, Error ellipse: s-maj=35.2km

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

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

24d 9h

SDD 24 08:29:30.0, 2.4, 19.24N:69.73W, h15km, 13km, MD3.5, ML2.5

ISC 24 08:28:6.0, 0.9, 19.26N:0.04:69.72W, 0.03, h18km, 8km, n16, c#092/30, 13C-5D, Dominican Republic region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Nagua, Hatoy Mayor del, Miches, BANI, HIDR, LUDR, PCDR, SDDR, PODR, LOPED, PAPH, MASC.

NEIC 24 08:43:13.7, 0.8, 19.41N:0.2:155.25W, 0.08, h35km, 10km, Error ellipse: s-maj=34.3km s-min=7.3km az=193.0

HVO 24 08:43:15.5, 0.7, 19.42N:0.04:155.23W, 0.03, h26km, 2km, ML2.5/26, ML2.6/52(NEIC), Error ellipse: s-maj=5.4km s-min=4.3km az=190.0, Hawaiian Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Byron's Ledge, HATHI, SBLHI, KKO, UWB, RIM, NPH, PUH, OBL, UWE, RSD, SDHHI, WRMH, JCUZ, HLP, AIN.

2017 SEP

comp=E, 1um, 0.2s JOKA Jonika Flow 0.22 86 Pp 08 43 20.8 -0.7

HTC Hot Caves 0.24 221 Pp 08 43 21.3 -0.4

HMH Humu'ua Sheep 0.30 308 Pp 08 43 22.3 -0.5

MLOA MLOA 0.34 290 Pp 08 43 22.8 -0.8

MWH Moku'aweowe 0.35 281 Pp 08 43 22.8 -0.9

KHU Kahuku 0.40 245 Pp 08 43 23.0 -1.3

ALEP Alea Permanent 0.41 288 Pp 08 43 23.2 -1.3

POHA Pohakuloa 0.44 320 Pp 08 43 23.8 -1.1

POHA POHA 0.56 286 Pp 08 43 26.2 -2.0

CPH Captain Cook 0.65 276 Pp 08 43 26.0 -2.3

MHA Mahukona 0.99 321 Pp 08 43 22.2 -2.8

HLK Haleakala 1.64 325 Pp 08 43 40.4 -2.5

WMR Waimanalo Ridg 2.98 310 Pp 08 43 58.4 -2.7

NEIC 24 09:26:52.1, 3.0, 16.41N:0.03:95.18W, 0.04, h22km, 10km, s-min=4.6km az=115.0

MEX 24 09:26:52.0, 0.7, 16.40N:95.04W, h66km, 13km, MD4.3

ISC 24 09:25:51.0, 1.3, 16.42N:0.04:95.18W, 0.03, h10km, 11km, n65, c#142/79, mb4.0/4, Oaxaca

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Santiago Nite, Huatulco, Arriaga, Puerto Angel, Oaxaca, Vista Hermosa, Puerto Escondi, YOSONDU, XALTEPEC, HUIG, TPIG, TRIG, PAVE, CHUJ, RUEH, RTAL, UNM, PETF, ESQI, MTO, SERV, FEIG, ORTG, DUNO, RIMA, SOR, HNDO, TX32, TXAR, TX31, OZNA, WHX, ALPN, FW13, PECS, WFTS, LOOK, MIAR, FCAR, HHAR, U38A, T35A, S39A, R40A, P40A, ISCO, O49A, JFWS.

IDC 24 09:32:55.5, 0.6, 12.24N:86.48W, h79km, 6km, mb3.7/10, mbmp4.0/11, MS2.9/6, Error ellipse: s-maj=29.4km s-min=7.7km az=55.0

NEIC 24 09:32:55.9, 1.6, 11.98N:0.06:86.82W, 0.06, h72km, 10km, mb4.3/8, Error ellipse: s-maj=11.8km s-min=3.7km az=77.0

UCR 24 09:32:56.7, 1.2, 11.93N:86.65W, h18km, 13km, MWV4.4, MB4.3(NEIC)

SNET 24 09:32:58.5, 1.0, 12.00N:87.08W, h35km, 253km, ML4.2

ISC 24 09:32:55.1, 0.7, 11.99N:0.06:86.83W, 0.05, h79km, 6km, n158, c#104/163, mb4.2/38, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Cerro Negro, San Cristobal, Matagalpa, Acopya, ACON, LCND.

VERA Finca Concepci 2.23 120 Pp 09 33 29.7 -0.5

LCHIL Los Chiltes 2.28 114 Pp 09 33 31.4 +0.5

NICO Nicoya 2.29 144 Pp 09 33 34.7 +0.1

DUNO Dulce Nombre, 2.31 145 Pp 09 33 30.9 -0.3

DUNO Dulce Nombre, 2.31 145 Pp 09 33 31.0 -0.2

NARJA Naranjal 2.38 148 Pp 09 33 31.6 -0.5

TPEO Alcaldia de Te 2.44 309 Pp 09 33 33.7 +0.7

POPE POPE, Guanacas 2.46 141 Pp 09 33 33.3 +0.7

ESPN Las Esperanzas 2.48 85 Pp 09 33 34.2 +0.7

JTS Las Juntas de 2.50 132 Pp 09 33 33.2 -0.6

JTS Las Juntas de 2.50 132 Pp 09 33 33.4 -0.4

JTS Las Juntas de 2.50 132 Pp 09 33 33.7 -0.1

JUNT Juntas 2.50 133 Pp 09 33 33.7 -0.1

SCLA Alcaldia de Sa 2.51 313 Pp 09 33 34.8 +0.9

WVRE Nandayure 2.52 142 Pp 09 33 35.2 +1.2

COEG Centro de Oper 2.57 309 Pp 09 33 35.8 +1.0

COEG Centro de Oper 2.57 309 Pp 09 34 06.4 -0.5

CEDE La Esperanza 2.57 125 Pp 09 33 34.6 -0.1

TUNA La Fortuna 2.63 125 Pp 09 33 35.0 -0.4

PAVA Las Pavesas 2.67 310 Pp 09 33 37.0 +0.9

SOCE Pocosol 2.70 126 Pp 09 33 36.2 -0.2

SOCE Pocosol 2.70 126 Pp 09 33 36.7 +0.2

COVE Coope Vega, Sa 2.70 118 Pp 09 33 35.9 -0.6

LALI Alcaldia de L 2.85 302 Pp 09 34 09.6 -2.1

SNET Serv Nac Est T 2.88 306 Pp 09 33 39.5 +0.5

ARZA Esparza 2.91 133 Pp 09 33 40.5 +1.2

ITAL Pital 2.94 121 Pp 09 33 38.4 -0.4

CEMI Catarata Coope 2.95 129 Pp 09 33 40.4 +0.6

SRAT San Ramon 2.99 129 Pp 09 33 41.0 +0.6

RAMO San Ramon 3.00 129 Pp 09 33 40.4 -0.2

JAYA Jayaque - finc 3.04 303 Pp 09 33 41.3 +0.1

JAYA Jayaque - finc 3.04 303 Pp 09 34 14.7 -1.9

JACO JACO, Garabito 3.15 137 Pp 09 33 44.3 +1.8

CEVE Cerro Verde 3.27 304 Pp 09 33 46.2 +1.8

CEVE Cerro Verde 3.27 304 Pp 09 34 28.5

SNJC San Jose 3.28 305 Pp 09 33 46.0 +1.5

HNE Heredia 3.32 126 Pp 09 33 45.6 +0.6

OCM Ochomogo 3.51 126 Pp 09 33 47.1 +0.5

TLOI Alcaldia de Sa 3.51 305 Pp 09 33 48.6 +1.1

VICA Volcano Irazu 3.55 124 Pp 09 33 49.9 +1.6

HAYA Volcan Inahu 3.55 124 Pp 09 33 49.8 +1.4

RIMA La Lucha 2 3.57 129 Pp 09 33 49.0 +0.6

RIMA La Lucha 2 3.57 129 Pp 09 33 50.4 +0.7

LIRMA Rio Macho 3.66 127 Pp 09 33 50.6 +0.9

VINA Juan Vinas 3.68 122 Pp 09 33 51.2 +1.3

IREN Siquieres 3.77 120 Pp 09 33 52.0 +1.0

CDM Cerro de Muert 3.87 129 Pp 09 33 53.4 +0.7

BATAN Batan 3.88 119 Pp 09 33 52.9 +0.5

BUSI Rivas 3.88 128 Pp 09 33 54.1 +1.2

DRKO Durika 4.45 127 Pp 09 34 02.0 +1.6

BRUO Volcan 5.17 128 Pp 09 34 11.9 +1.7

CDZO Canoas 5.17 131 Pp 09 34 09.0 -1.1

CEVE Isla Barro Col 7.43 112 Pp 09 34 11.7 +0.8

FSCY Frank Sound, G 9.09 36 Pp 09 35 06.3 +2.8

MTDJ Mount Denham 10.91 54 Pp 09 35 31.9 +3.4

ROSC El Rosal 14.27 119 LR 09 42 02.5

SDV Santo Domingo 16.23 99 LR 09 42 52.9

ATAH Atahualpa 20.77 156 P LR 09 37 33.4 -0.1

SJG San Juan 20.87 71 LR 09 45 08.3

GOGA Godfrey 21.54 8 P P 09 37 41.1 +3.2

GOGA Godfrey 21.54 8 P P 09 37 42.3

DRIO Del Rio 21.57 326 P P 09 37 39.3 +0.9

DRIO Del Rio 21.57 326 P P 09 37 41.7

PCRV Puerto La Cruz 21.86 93 P P 09 37 42.4 +0.8

PCRV Puerto La Cruz 21.86 93 P P 09 47 28.0

BRDY Brady 22.25 332 P P 09 37 46.9 +1.3

BRDY Brady 22.25 332 P P 09 37 48.0

JSC Jenkinsville 22.76 12 P P 09 37 52.7 +1.7

JSC Jenkinsville 22.76 12 P P 09 37 53.4

W52A Murphy 23.15 6 P P 09 37 55.9 +1.1

BG3 Lake Jocassee 23.17 8 P P 09 37 56.3 +1.3

BG3 Lake Jocassee 23.17 8 P P 09 37 57.3

MIAR Mount Ida 23.27 346 P P 09 37 56.8 +0.8

MIAR Mount Ida 23.27 346 P P 09 37 57.3

TXAR Lajitas Array 23.31 320 P P 09 37 56.9 +0.3

TXAR Lajitas Array 23.31 320 P P 09 37 57.2 +0.7

TXAR Lajitas Array 23.31 320 P P 09 38 13.8 +0.5

TXAR Lajitas Ar. Si 23.31 320 P P 09 41 42.5 +1.0

TX31 Lajitas Ar. Si 23.31 320 P P 09 37 57.3 +0.8

TX31 Lajitas Ar. Si 23.31 320 P P 09 38 00.5

TX32 Lajitas Array 23.31 320 P P 09 37 57.3 +0.8

CPCT Cooper Cave 23.45 349 P P 09 37 59.1 +1.4

WHAR Woody Hollow 23.71 349 P P 09 37 59.4 +0.4

TKL Tuckaleechee C 23.72 6 P P 09 38 00.1 0.0

TKL Tuckaleechee C 23.72 6 P P 09 38 03.2

TKL Tuckaleechee C 23.72 6 LR LR 09 46 32.0

ALPN Alpine 23.84 322 P P 09 38 04.1 +1.1

ALPN Alpine 23.84 322 P P 09 38 06.2

WTF5 Witchita Falls 24.14 336 P P 09 38 03.7 -0.1

WTF5 Witchita Falls 24.14 336 P P 09 38 24.7

Table with columns: Code, Station Name, Az, El, P, I, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

ICD 24 09:35:48.6, 0.8, 44.36N, 79.18E, h0km, mb3, 7.8, mbmp3, 7.15, ML3.5/7, Error ellipse: s-maj=12.1km s-min=6.9km az=135.0

Table with columns: Code, Station Name, Az, El, P, I, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: Code, Station Name, Az, El, P, I, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: Code, Station Name, Az, El, P, I, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, BVAO Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, ABK1 Akbulak array, AKTO Aktyubinsk, ARU Arti, ULN Ulanbataar, BELG Belgomoye, AKASG Malin Array Be, FINES FINESS Array B, HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, CLL Colim, EKA Eskdalemuir Arr, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, WEL 24 09:42:08.30.7,44.54.16.8E, h5km, mb3.8/13, ML3.7/12, MLV3.8/13, Error ellipse: s-maj=0.0km s-min=0.0km az=115.3, confirmed, Off west coast of South Island.

KURBB Kurchatov Arra 57.69 327 P P 09 52 26.9 -0.1
0.3nm,0.2s,baz=133,slow=6.0,SNR=4.3
0.3nm,0.2s

IDC 24 09:43:50.1,2,3,1.84N,126.87E,h0km,mb3.3/3,
mbtmp3.4/3, Error ellipse: s-maj=179.7km s-min=28.4km
az=66.0
DJA 24 09:43:54.5,1,6,2.4N,121.6E, h12km,15km, M3.6/9,
mb3.9/1, MLV3.4/9
ISC 24 09:43:57.0,1,4,1.6N,102.126:5E,0.1,h47km,n7,r,0.039/7,
mb3.3/3,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, LBMI Labuha, GTOI Gorontalo, SANI Sanana, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, DJA 24 09:57:22.1,0,3,8'S,2.11'E, h10km, M3.9/10, mb4.3/2, mb5.1/1, MLV3.7/10, Mw(MB)4.1/1, Bail region.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SRBI Singaraja, SRBI Denpasar, IGBI Denpasar, IGBI Taliwang, TWSI Taliwang, ABJI Asem Bagus, ABJI Jagaj, JAGI Banyuwangi, BLJI Banyuwangi, GMJI Gumbukmas, PLAI Pampang, GRJI Gresik.

MEX 24 10:05:16.4,1,16.26N,95.23W,h98km,28km, MD3.2,
Oaxaca

BUI 24 10:06:08.0,0,0,15.40N,94.10W,h37km,mb5.5/16,
Ms5.6/40, Ms7.5/439
MEX 24 10:06:08.3,1,3,15.08N,94.34W,h16km,1.7km, MD5.8
MOS 24 10:06:09.5,1,2,15.36N,94.01W,h46km,mb5.6/57,
MS5.4/25, Error ellipse: s-maj=7.1km s-min=4.5km
az=99.1
NEIC 24 10:06:11.7,15.43N,94.02W,h36km
NEIC 24 10:06:11.7,15.33N,94.13W,h36km, Moment Tensor
Solution, Duration: 40 Moment tensor: Scale 10^7Nm;
Mn=1.93, Mw=5.95, Mw=4.03, Mw=0.55, Mw=0.92, Mw=3.54;
Fault plane solution: Ms=4.0000, N=17, NP=1;
phi=31.940000; delta=30.0000; lambda=17.510000; NP2:
phi=56.010000; delta=69.0000; lambda=22.910000. Principal axes: T
6.6732, Plg37.0000; Azm272.0000; N -0.5539.
Plg53.0000; Azm106.0000; P -6.1193, Plg7.0000;
Azm7.0000;

CGMT 24 10:06:11.3,0.1,15.21N,94.25W,h29km,MW5.8/152,
Moment Tensor Solution, s149.c291; s152.c447;
Duration: 1s9 Moment tensor: Scale 10^7Nm;
Mn=1.48; Mw=5.22; Mw=3.74; Mw=1.55; Mw=0.8;
Mw=0.68; Mw=3.68; Mw=1.0; Best double couple;
Ms=1.4900\*10^17, NP1: phi=31.500000; delta=37.000000;
lambda=14.000000; NP2: phi=56.000000; delta=69.000000;
lambda=16.000000; Principal axes: T 6.4720, Plg37.0000; Azm268.0000; N
-0.6460, Plg48.0000; Azm121.0000; P -5.8260,
Plg17.0000; Azm11.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function
NEIC 24 10:06:15.7,15.42N,93.98W,h40km,3km,mb5.2,Ms5.4
BGR 24 10:06:15.7,15.42N,93.98W,h40km,3km,mb5.2,Ms5.4
ISC 24 10:06:09.0,0.3,15.14N,100.03:94.28W,0.03,h42km,2km,
h42km;pp-P,1614,1,1571/1544,mb5.4/199,MS5.3/260,
20C-24D,Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CJZ Jackson Bay, MSZ Milford Sound, MSZ Fox Glacier, WKZ Wanaka, WKZ Gaunt Creek Bo, LBZ Lake Benmore, MLZ Mavora Lakes, EAZ Earnsclough, WVZ Waits Valley, DCZ Deep Cove, RPZ Lake Peaks, TMC Timaru, ARZ Arundel, ODX Olahua Downs, WHZ Wether Hill Ro, MHC Mount Hutt, INZ Inchbonnie, TUZ Tuapeka, WAZ Wakarua South, THZ Topouze Mount, HHSZ Highcliff Hill, HHSZ Scrubby Hill, LYZ Lake Taylor, DSZ Denniston North, MQZ McQueen's Vall, AMCZ Amberley, AKCZ Akaroa Harbour, OKCZ Okains Bay, GVZ Greta Valley S, THZ Topouze Mount, MRNZ Matariki Terra, KHZ Kahurangi, QRZ Quatar Range, TKNZ Takaka Hill, MNZ Nelson, TUWZ Tuamariua, TCW Tory Channel, PREZ Palmer Road, PKE Pukeiti, VRZ Vera Road, TUWZ Tukino, WCCZ Waipou Caves, OUZ Oahuta, DAV Davao City (W), DAV comp=Z,64nm,19.2s,baz=181,slow=26, DAV 281nm,0.3s,baz=203,slow=23,SNR=19, JOW Kunigami, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like NBG Las Nubes, TOIG Toxapan, HLIG Huajuapalan de L, PETF Flores, PETF Frensilio de T, ESQI Esquiulas, MTO3 Montecristo, SCIG Sabancuy, SNET Serv Nuc Est T, CXUV Coahuilui, UNM Universidad Na, UNM Universidad Na, TGUH Tegucigalpa, TGUH Tegucigalpa,Un, CTUV Llano Grande, CRIN San Cristobal, CRIN San Cristobal, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, CNGN Cerro Negro, CNGN Cerro Negro, MAGN Matagalpa, MAGN Matagalpa, ACON Acopya, ACON Acopya, ELI1 Hacienda Flor, ALIBA Liberia Airport, GBIA Borinquen Arri, GBIA Borinquen Arri, BUAI Buenos Aires, DLF Lidadefia, VRLA La Escondida, ERIA Liberia, GPCS Bodega del ICE, ORTS Ortega, Santa, COLC Colonia, DUNO Dulce Nombre, NICO Nicoya, NARA Naranjal, CANA Canete, VERA Finca Concepci, ESPA Las Esperanzas, POPE POPE, Guanacac, NYURE Nandayure, LAGR Lagarto, JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, TABAC Tabacon, CASO Castillo, TUNA La Fortuna, SOCE Pocosol, SOCE Pocosol, COVE Coope Vega, Sa, ARZA Esparza, ZARE Zarco, JACO Jaco, Garabito, GARB Garabito, POAS Crater Von Fra, TCSI Tacares, HDC Heredia, LHC La Lucha 2, RIMA Rio Macho, BATAN Batan, PEZE Perez Zeledon, EDPA Palmer Norte, DRKO Durika, DRKO Durika, EDKO Buenos Aires, BRIBI Bribri, HBVL Hebronville, PRVC Isla de Provid, RGMO Gandoca, KVTX Kingsville, KVTX Kingsville, CDITO Canoas, BRUZ Volcan, HOKY Hockley, SOR Soroa, FSCY Frank Sound, G, 833A Chaparral WMA, 833A Chaparral WMA, 833A Chaparral WMA, 833A Chaparral WMA, 735A Kenedy, 735A Kenedy, HKT Hockley, HKT Hockley, HNDO Hondo, BCIP Isla Barro Col, BCIP Isla Barro Col, BCIP Isla Barro Col, BCIP Isla Barro Col, 411A DeRidder, 411A DeRidder, HNVL Huntsville, T, 435B Jarrell, 435B Jarrell, 435B Jarrell, JCT Junction City, JCT Junction City, JCT Junction City, JCT Junction City, PAYG Puerto Ayora, MTJD Mount Denham, MTJD Mount Denham, MTJD Mount Denham, SAND Sanderson, 061Z Ochoppi, 061Z Ochoppi, NATX Nacogdoches, NATX Nacogdoches, NATX Nacogdoches, NATX Nacogdoches, 344A Westbrook Farm, 344A Westbrook Farm, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Ar. Si



Table with columns: TX31, comp=Z, 283nm, 0.9s, I/Amb, P/Pn, 10 10 06.3, etc. Lists various radio stations and their frequencies.

Table with columns: OXF, Oxford, 19.78 12 P P, 10 10 34.4 -1.3, etc. Lists various radio stations and their frequencies.

Table with columns: ROSC, comp=Z, 3.9m, 19.1s, 1s, 34.4, slow=41, LR, LR, 10 21 05.3, etc. Lists various radio stations and their frequencies.

24d 10h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like MCRA Macar, WCI Wyandotte Cave, WCI Wyandotte Cave, etc.

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like P51A Williamsport, R55A Marlin, R55A Marlin, etc.

1776

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, etc.



24d 10h

Table with columns for station ID, name, frequency, mode, and various signal quality metrics. Includes stations like Mendenhall, Villa Florida, Mount Kennedy, etc.

2017 SEP

Table with columns for station ID, name, frequency, mode, and various signal quality metrics. Includes stations like Eagle Plains, POHA, Chitina, etc.

1778

Table with columns for station ID, name, frequency, mode, and various signal quality metrics. Includes stations like Shuyak Island, Harding Lake, Homer, etc.





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obninsk, Moscow, Vitosha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sheshan, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WEL, MRNZ, DENNSTON, etc.

24d 11h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ZALV, H04N2, H04N1, etc.

DJA 24 10:39:14.4:0.5,6'S,3°13'E, h142km, 15km, M3.9/7, mb3.9/2, mB5.1/2, MLV3.9/7, Mw(mB)4.4/2, Tanimbar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SAUI, BNDI, FAKI, etc.

ISC 24 10:40:08.7:1.3,3°24'N,96°47'E, h0km, mb4.0/10, mbmp4.0/10, MS3.8/2, Error ellipse: s-maj=60.4km s-min=17.6km az=52.0

ISC 24 10:40:10.5:1.2,3°31'N,0°2'96'E,0.3, h10km, n24, o=53/11, mb4.0/10, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CMAR, H08S2, H08S3, etc.

NEIC 24 10:47:59.3:2.5, 15°28'N, 0°08'94"E, 24W, 0°04, h10km, 2km, mb4.0/12, Md4.1/18(MEX), Error ellipse: s-maj=14.1km s-min=6.6km az=170.0

MEX 24 10:48:00.8:0.8, 15°28'N, 94°26'W, h69km, 43km, MD4.1

ISC 24 10:47:58.7:1.9, 15°18'N, 0°07'94"E, h24km, 16km, n31, i=159/38, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CARR, PCIG, HUIG, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PATR, PAVE, CHUJ, etc.

ISC 24 11:02:20.6:0.7, 22°12'S, 114°13'W, h0km, mb3.8/6, mbmp3.8/6, MS3.6/3, Error ellipse: s-maj=28.0km s-min=25.1km az=44.0

NEIC 24 11:02:21.0:0.9, 22°01'S, 0°07'114°3W, 0°1, h10km, 1km, mb4.4/8, Error ellipse: s-maj=23.6km s-min=10.1km az=266.0

ISC 24 11:02:22.4:0.7, 22°05'S, 114°2'W, 0°1, h10km, n31, i=105/22, mb4.2/9, Easter Island region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like YA02, H03N2, H03N3, etc.

SOME 24 11:03:19.2, 39°15'N, 74°47'E, h15km, 1D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MRKS, KST, DGS, etc.

TAP 24 11:17:57.6, 24°03'N, 120°38'E, h14km, ML1.3, 1D, A, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WPL, DPDB, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WCS, WUSB, SMLT, etc.

ISC 24 11:18:51.9:2.0, 29°17'N, 140°96'E, h43km, 19km, mb3.4/8, mbmp3.8/12, ML3.2/3, Error ellipse: s-maj=33.1km s-min=14.5km az=78.0

NEIC 24 11:18:53.6:2.6, 29°18'N, 0°07'140°7E, 0°1, h53km, 8km, mb4.5/7, Error ellipse: s-maj=15.8km s-min=9.8km az=77.0

ISC 24 11:18:50.6:0.6, 29°12'N, 0°05'140°59'E, 0°08, h35km, n56, i=189/54, mb4.4/17, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JCJ, JHJ, JMW, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other station-specific data.

SJA 24 11:19:40.8-0.8, 19:78S:69:30W, h102km, 3km, ML3.5, MW3.6

GUC 24 11:19:42.6-1.0, 19:78S:69:26W, h97km, 2km, ML3.5

ISC 24 11:19:42.6-1.3, 19:81S:0:03:69:35W, h96km, 7km, n35, e087/64, 4C-3D, Northern Chile

Main station list table for the left column, including stations like Chusmiza, IPOC Station P, Humbertonstone, etc.

DJA 24 11:46:16.6-3.0, 10S:21:117E, h13km±14km, M3.9/8, mb4.0/1, MLv3.9/8, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other station-specific data.

GMJJ Gumukmas 3.89 290 P Pn 11 47 16.1 -0.1
BLKJ Banyuglugur 3.98 298 P Pn 11 47 17.8 +0.5
BLSJ Bulukumba 5.23 35 P Pn 11 47 34.6 0.0

ISC 24 11:50:09.2-1.2, 15:31N:94:65W, h0km, mb4.0/14, mb1mp4.0/15, ML4.2/1, MS3.5/4, Error ellipse: s-maj=35.1km s-min=18.3km az=46.0

NEIC 24 11:50:16.9-3.0, 15:54N:0:07:94:82W, 0.05, h40km, 14km, mb4.3/57, Md4.5/26(MEX), Error ellipse: s-maj=10.6km

MEX 24 11:50:17.1-1.7, 15:36N:94:86W, h30km±48km, MD4.5

ISC 24 11:50:15.4-1.9, 15:51N:0:05:94:80W, 0.03, h30km±14km, n234, e196/250, mb4.3/29, MS3.3/3, Near coast of Oaxaca

Main station list table for the middle column, including stations like Santiago Nilte, Arriaga, Huatulco, etc.

Main station list table for the right column, including stations like Lake Charles, Sooner Cattle, Waverly, etc.





24x15h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include SRBI, DNP, IGBI, etc.

DJA 24 13:33:24.8, 0.3, 9'S; 4.4x107E, h10km, M4.0/12, mb4.2/2, ML3.9/12, Jawa

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include CNJI, CMJI, LEM, etc.

NIED 24 13:48:58.9, 39.85N, 141.92E, h19km, MW3.5, Moment Tensor Solution

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include JTH, MIYJ, etc.

ISC 24 13:48:58.5, 1.0, 39.93N, 141.91E, h10km, mb3.3/5, n37, n0587/41, mb3.5/6, 8, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include JTH, MIYJ, JKEN, etc.

ISC 24 15:02:47.8, 1.2, 16.56N, 94.74W, h0km, mb3.8/8, mbmp3.8/9, ML5.4/1, MS3.2/13

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include MAJ, MJAR, MJAR, etc.

MEX 24 15:02:51.0, 3.4, 16.45N, 95.11W, h73km, MD4.5, ISC 24 15:02:48.1, 1.4, 16.42N, 0.04:95:09W, 0.05, h10km, 1km, mb4.2/52, MD4.5/34(MOX), Error ellipse: s-maj=9.6km s-min=7.5km az=6.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include ILAR, ABKAR, WRO, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include URZ, ASAR, WRA, etc.

NNC 24 14:51:34.7, 3.4, 39.96N, 82.86E, h0km, mb3.5, mpv3.1, 6C-2D, Error ellipse: s-maj=26.4km s-min=23.4km az=14.0, Southern Xinjiang

2017 SEP

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PDGK, PDGK, PDGK, etc.

DDA 24 14:56:43.8, 0.0, 41.19N, 43.31E, h6km, 3km, ML2.2, TIF 24 14:56:43.3, 41.22N, 43.39E, h13km, ISK 24 14:56:43.6, 41.25N, 43.33E, h10km, ML2.5/5, ISC 24 14:56:43.3, 0.9, 41.20N, 0.02:43:36E, 0.02, h11km, 8km, n27, n0572/49, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include AKH, AKH, AKH, etc.

ISC 24 15:02:47.8, 1.2, 16.56N, 94.74W, h0km, mb3.8/8, mbmp3.8/9, ML5.4/1, MS3.2/13, Error ellipse: s-maj=9.6km s-min=7.5km az=6.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KARS, DMNI, DMNI, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include DIGO, DIGO, DIGO, etc.

ISC 24 15:02:48.1, 1.4, 16.42N, 0.04:95:09W, 0.05, h10km, 1km, mb4.2/52, MD4.5/34(MOX), Error ellipse: s-maj=9.6km s-min=7.5km az=6.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include MTEO, SHTL, SHTL, etc.

MEX 24 15:02:51.0, 3.4, 16.45N, 95.11W, h73km, MD4.5, ISC 24 15:02:48.1, 1.4, 16.42N, 0.04:95:09W, 0.05, h10km, 1km, mb4.2/52, MD4.5/34(MOX), Error ellipse: s-maj=9.6km s-min=7.5km az=6.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include NILT, NILT, CARR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include URZ, ASAR, WRA, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

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Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.

ISC 24 14:09:04.6, 6.6, 31.45S; 179.80W, h362km, 68km, mb2.6/2, mbmp3.4/3, Error ellipse: s-maj=76.8km s-min=34.9km az=9.0

Table with columns: UNM, MTO3, TEIG, TEIG, TEIG, etc.



24d 16h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KOSK, NISIR, RFTAA, and many others.

2017 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like AFYO, ATH, BOZC, ANKY, and many others.

1788

Table with columns for station name, frequency, power, and signal strength. Includes stations like GHAJ, GHAJ, MDVR, PLOH, and many others.



24d 16h

Table with columns for station ID, name, elevation, coordinates, and other data. Includes stations like G65A, HEH, SUR, KLR, etc.

2017 SEP

Table with columns for station ID, name, elevation, coordinates, and other data. Includes stations like G23K, H27K, G21K, etc.

1790

Table with columns for station ID, name, elevation, coordinates, and other data. Includes stations like J18K, TGNT, TRF, etc.



Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 1791.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 1791.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 2017 SEP.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations 24d 17h.

24d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like AP01 Chacalluta, SOE1 ToroToro, PB18 Visiviri, etc.

ISC 24 17:30:55.91.3, 34.295:58.54E, h0km, mb3.8/4, mbtmp3.9/5, ML4.4/1, MS3.2/1, Error ellipse: s-maj=33.2km s-min=31.8km az=125.0, South Indian Ocean

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

ISC 24 17:41:46.4.0.3, 9.3:11.1E, h10km, M4.1/13, mb4.8/2, MLV3.7/13

ISC 24 17:41:47.2.3.6, 8:89S, 109:87E, h0km, mb3.5/5, mbtmp3.5/3, Error ellipse: s-maj=196.9km s-min=27.0km az=48.0

ISC 24 17:41:45.5.1.6, 9.3:11.1E, h10km, n18, s156/16, mb3.3/3, South of Jawa

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

ISC 24 18:06:25.1.1.2, 38:17N, 101:54E, h59km, 22km, mb3.3/7, mbtmp3.6/12, ML3.0/4, MS2.4/3, Error ellipse: s-maj=27.1km s-min=17.3km az=86.0

JMA 24 18:06:26.1.0.1, 38:2N, 101:3.141:3E, 0.5, h56km, MV3.7/40, E OFF MIYAGI PREF

JMA Felt J1 at E OFF MIYAGI PREF

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

ISC 24 18:06:25.3.2.5, 38:16N, 141:90E, h59km, 22km, mb3.3/7, mbtmp3.6/12, ML3.0/4, MS2.4/3, Error ellipse: s-maj=27.1km s-min=17.3km az=86.0

2017 SEP

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

ISC 24 18:15:45.8.0.7, 32:97N, 139:30E, h198km, 6km, mb3.0/3, mbtmp3.5/6, Error ellipse: s-maj=34.8km s-min=10.9km az=80.0

ISC 24 18:15:44.2.0.9, 32:79N, 106:139:42E, 0:07, h200km, n34, s175/40, mb3.3/3, Southeast of Honshu

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

JMA 24 18:15:45.4.0.3, 33:1N, 131:9E, h212km, 3km, MV3.2/77, NEAR HACHUOJIMA ISLAND

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like H27K Steamboat Moun, H27K Kandiik River, etc.

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like H27K Steamboat Moun, H27K Kandiik River, etc.

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like H27K Steamboat Moun, H27K Kandiik River, etc.

ISC 24 18:20:26.4.0.5, 54:55N, 167:90E, h46km, 7km, M4.0, mbtmp3.5/7, ML3.3/2, MS2.6/3, Error ellipse: s-maj=50.5km s-min=21.4km az=7.0

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

ISC 24 18:20:26.0.1.0, 54:57N, 167:90E, h46km, 7km, M4.0, mbtmp3.5/7, ML3.3/2, MS2.6/3, Error ellipse: s-maj=50.5km s-min=21.4km az=7.0

ISC 24 18:20:26.0.1.0, 54:57N, 167:90E, h46km, 7km, M4.0, mbtmp3.5/7, ML3.3/2, MS2.6/3, Error ellipse: s-maj=50.5km s-min=21.4km az=7.0

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

ISC 24 18:33:02.0.7, 1:17N, 133:3E, h10km, M3.7/6, mb4.2/4, mB5.3/1, MLV3.5/6, Mw(mB)4.7/1

ISC 24 18:33:04.8.1.0, 0:38N, 129:69E, h0km, mb3.9/5, mbtmp3.9/5, ML2.8/1, MS2.5/1, Error ellipse: s-maj=55.9km s-min=16.9km az=57.0

ISC 24 18:33:01.0.1.1, 1:14N, 109:132:62E, 0:09, h10km, n12, s183/14, mb4.5/5, Irian Jaya region

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

ISC 24 18:33:02.0.7, 1:17N, 133:3E, h10km, M3.7/6, mb4.2/4, mB5.3/1, MLV3.5/6, Mw(mB)4.7/1

ISC 24 18:33:04.8.1.0, 0:38N, 129:69E, h0km, mb3.9/5, mbtmp3.9/5, ML2.8/1, MS2.5/1, Error ellipse: s-maj=55.9km s-min=16.9km az=57.0

ISC 24 18:33:01.0.1.1, 1:14N, 109:132:62E, 0:09, h10km, n12, s183/14, mb4.5/5, Irian Jaya region

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

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like H27K Steamboat Moun, H27K Kandiik River, etc.

ISC 24 18:49:38.9.1.0, 66:10N, 102:141:42W, 0:02, h6km, 9km, n25, s076/45, Northern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like G29M Pine Creek, F28M Old Crow, H25L Birch Creek, etc.

CNRM 24 19:04:07.0,37.40N:6.45W,h9km,m1.4  
INMG 24 19:04:11.6,2.0,37.55N:6.58W,h14km,5km,ML2.0,Error  
ellipse: s-maj=3.0km s-min=2.6km az=4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EMIN Mina Concepcio, PVAR Vaqueiros, PCVE Castro Verde, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EGOR Sierra Gorda, PMRV Marv??o, PMTG Montargil, etc.

JMA 24 19:15:07.3,0.22°N,121°1'E, h0km, MV3.5/11,  
TAIWAN REGION

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TSEB Hengchun, LYUB Lan-yu, LAY Lan-yu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, KDTR Khodutka, etc.

TEH 24 19:55:56.3,32.63N:47.55E,h8km,33km,ML3.1  
ISN 24 19:55:58.0,1.0,32.61N:47.55E,h10km,18km,ML2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IKFM Kafar-mosalman, IBDR Badra, ILBA Ilam Banvizeh, etc.

IDC 24 19:56:27.6,0.9,35.35N:26.24E,h0km,mb3.6/7,  
mbmp3.5/12,ML3.5,MS2.8/1,Error ellipse:

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZKR Zakros, KARP Karpathos, HRKL Herakleio, etc.

24d 20h

Table with columns: Station Name, Frequency, Mode, Direction, Time, Azimuth, Elevation, SNR, etc. Includes stations like TMBK, THRS, CMBO, NISR, KOSK, CHAN, etc.

2017 SEP

Table with columns: Station Name, Frequency, Mode, Direction, Time, Azimuth, Elevation, SNR, etc. Includes stations like KLV, LAKA, XOR, THAS, LK2D, etc.

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Table with columns: Station Name, Frequency, Mode, Direction, Time, Azimuth, Elevation, SNR, etc. Includes stations like PBSI, MYK, LEM, LEM, GSI, GSI, GSI, etc.

IDC 24 20:01:26.8z-4.1, 23:83S; 179:34E, h541km, 33km, mb3.2/6, m16mp, 1/18, Error ellipse: s-maj=-76.6km s-min=-17.8km z=152.0

ISC 24 20:01:26.0-1.1, 23:83S; 0:3-179:4E-0.2, h537km, n16, o05715, mb3.5/6, South of Fiji Islands

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

NEIC 24 20:10:08.0z-2.7, 3:37S; 0:07-102:10E-0:07, h81km, 4km, mb5.0/111, Error ellipse: s-maj=11.0km s-min=-9.3km az=225.0

MOS 24 20:10:09.0-1.1, 3:13S; 102:19E, h109km, mb4.9/53, Error ellipse: s-maj=8.2km s-min=-4.9km az=112.2

DJA 24 20:10:09.0-0.2, 3:21S; 102:22E, h103km, 2km, M4.9/57, m85.4/35, mb5.2/57, MLv5.9/17, Mw(mB)4.8/35

GCMT 24 20:10:0.0-0.4, 3:27S; 0:03-102:08E-0:03, h92km, 3km, MW4.8/65, Moment Tensor Solution, s27.c33; s65.c95; Duration: 0 Moment tensor: Scale 1016N; Mr1.41z.08; Mw-0.76z.09; Mw-0.65z.11; Mw-0.03z.06; Mw-1.31z.07; Ms-0.76z.07; Best double couple: M1.91800x1016 NP1.8z204.00000, s58.00000, s61.00000; NP2: 3z7.10000, s42.00000, s128.00000; Principal axes: T 1.7340, Plg64.0000, Azm63.0000; N 0.3700, Plg24.0000, Azm220.0000; P -2.1030, Plg9.0000

hsta2 refers to surface waves, cutoff=50s. Triangular moment tensor function

IDC 24 20:10:11.4-1.0, 3:24S; 102:41E, h113km, 7km, mb4.4/33, mbmp4.8/35, MS3.5/30 Error ellipse: s-maj=10.8km s-min=-6.6km az=53.0

ISC 24 20:10:08.7-0.3, 3:37S; 0:03-102:12E-0:04, h97km, 2km, h97km, pp-P, n737, s1952/774, mb4.9/147, 36C-19D, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time Res, h m s, ISC. Lists stations like KSI, PBSI, JMBI, etc.

TOLZ Tolitoli 19.17 77 P Iamb Iamb 20 14 25.2 +0.5

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 27.1 +0.4

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 30.2 -0.8

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 37.8 -0.6

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 41.1 -1.0

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 38.0 -3.0

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 40.4 -0.6

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 39.7 -1.3

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 43.1 +1.2

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 43.7 -1.5

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 42.5 +0.5

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 45.7 -1.5

TOLZ Tolitoli 19.17 77 P Pn Pn 20 14 53.2 -1.0

TOLZ Tolitoli 19.17 77 P Pn Pn 20 15 04.0 -0.2

TOLZ Tolitoli 19.17 77 P Pn Pn 20 15 01.6 -2.9

TOLZ Tolitoli 19.17 77 P Pn Pn 20 15 01.6 -2.9

TOLZ Tolitoli 19.17 77 P Pn Pn 20 15 10.0 -0.2

TOLZ Tolitoli 19.17 77 P Pn Pn 20 15 12.5 +2.3

TOLZ Tolitoli 19.17 77 P Pn Pn 20 15 03.3 +3.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like TNCH, MORW, KNRA, MTN, MUN, MAJO, WRA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOW, BBOO, MTSU, GUMO, KSR, XLT, RMQ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, KPKS, ULN, MAJO, WRA, etc.

24d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MGCD Mangrove Creek, GLAD Gladstone, MOO Moorlands, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK Groznyy, GROC Groznyy, SVE Sverdlovsk, etc.

1796

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIRR Tirusov, SBA Scott Base, VRI Vriociaia, etc.

Table with columns: GERS, GERS Array B, 91.47 319, P, P, 20 23 05.3 +1.0, etc. Lists various station names and their associated data.

Table with columns: GMRC, Granite Mounta, 133.04 44, P, PKIKP, 20 29 15.5 +0.7, etc. Lists various station names and their associated data.

Table with columns: T59A, Double "B" Far, 146.56 360, P, PKPdf, 20 29 38.4 +0.7, etc. Lists various station names and their associated data.

Code Station Name A' AZ' Op Phase ID Time Res h m s ISC
RTV Rentapac 3.22 153 P Pn 20 30 45.6 +1.5
KOUNC Kounac, New Ca 6.12 203 P Pn 20 31 25.3 +1.4
YATNC Mamie plateau, 7.10 180 P Pn 20 31 38.1 +0.7
DZM Mont Dzumac 7.13 183 ePn Pn 20 31 39.1 +1.3
DZM comp=Z, 810nm, 23.9s 7.13 183 P Pn 20 32 24.0
DZM Mont Dzumac 7.13 183 P Pn 20 31 39.3 +1.5
DZM 6.8nm, 0.3s, baz=323, slow=12, SNR=34 LR 20 31 38.5 +0.7
DZM 2.2nm, 0.3s, baz=292, slow=23, SNR=1.4 Sn 20 32 58.1 -0.9
DZM comp=Z, 706nm, 18.4s, baz=306, slow=37 LR 20 34 16.9
NOUC Port Laguerre 7.17 184 P Pn 20 31 40.8 +2.5
OUENC Ouen Island, N 7.46 180 P Pn 20 31 45.0 +2.7
HNR Honiara 8.69 308 Pn 20 31 59.1 -0.1
25nm, 0.3s, baz=180, slow=10, SNR=2.4 Sn 20 33 39.3 +1.8
HNR 71nm, 0.3s, baz=222, slow=23, SNR=1.5 Sn 20 33 39.3 +1.8
HNR comp=Z, 6um, 18.4s, baz=192, slow=36 LR 20 35 08.9
MSVF Nonsav 11.09 106 Pn 20 32 31.7 -0.5
0.8nm, 0.3s, baz=203, slow=23, SNR=1.5 LR 20 35 55.3
MSVF comp=Z, 422nm, 19.2s, baz=295, slow=33 1.3nm, 0.3s, baz=295, slow=33 P 20 34 25.3 -1.3
PMG Port Moresby 20.03 284 P 20 34 25.3 -1.3
18nm, 0.8s, baz=195, slow=1.2, SNR=3.7 P 20 34 45.0 +2.7
DUG Charters Tower 20.32 252 P 20 34 29.4 -0.5
7.0nm, 0.8s, baz=77, slow=13, SNR=10 P 20 34 29.4 -0.5
0.8s SKPbc
PDAR Stephens Creek 28.58 229 P 20 35 48.5 -1.3

24d 20h

Table with columns: STKA, WRA, WRA, ASAR, ASAR, GUMO, SIJI, PPT2, DAV, JCJ, MJAR, MJAR, JNU, VNU, ASAJ, ASAJ, USRK, SHEM, PETK, KLR, KLR, CMAR, MA2, SEY, NVAR, NVAR, ELK, ILAR, ILAR, BBB, PFO, NVAR, NVAR, TROLL, INK, SNA, VNA3, VNA2, PDAR, ANMO, MKAR, ZALV, ARCES, KEST, ESDC

NEIC 24 20:36:21.9... 1.5, 51.45N, 0.04, 178.40W, 0.04, h11km, 8km, mb3, 9/5, ML3.5, AEIC, Error ellipse: s-maj=6.3km

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

2017 SEP

Table with columns: N18K, OHAK, SVW2, SVW2, KDKA, KDKA, ILAR, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, NVAR, PDAR, TXAR, H03N2, H03N1, H03N3

NIED 24 20:45:50.6... 33.022N, 137.92E, h360km, MW4.3, Moment Tensor Solution...

JMA 24 20:45:20.6... 0.4, 33.11N, 133.8E, h360km, 3km, MV4.1/40, JMA 24 20:45:20.6... 0.4, 33.11N, 133.8E, h360km, 3km, MV4.1/40

NEIC 24 20:45:51.6... 2.0, 33.03N, 0.04, 137.79E, 0.08, h342km, 5km, mb4, 1/90, Error ellipse: s-maj=10.6km

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

NEIC 24 20:36:21.9... 1.5, 51.45N, 0.04, 178.40W, 0.04, h11km, 8km, mb3, 9/5, ML3.5, AEIC, Error ellipse: s-maj=6.3km

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

1798

Table with columns: BJT, HEH, XLT, LHY, LHC, BTO, ENH, PETK, PETK, ULN, ULN, SONM, SONM, SONM, CD2, PZI, AMKA, GOMU, CRAI, CMAR, LSA, LSA, WMQ, SHL, ZALV, ZALV, ZALV, MK31, MKAR, MKAR, MKAR, MKAR, MAK2, MAK2, KULM, KURK, KURK, KURB, RPS1, RPS1, M14K, K15K, M15K, N15K, C18K, GSI, L17K, K17K, KSH, G18K, M17K, N17K, O17K, C19K, D19K, G19K, Q17K, E19K, P18K, J19K, O18K, D20K, B20K, F20K, BVAR, BVAR, BVAR, K20K, J20K, J20K, C21K, IMAR, B21K, G21K, E21K, F21K, H21K, H21K, K2AK, K2AK



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KDak Kodiak Island, SYI Shuyak Island, D22K Aiyuk River, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like L29M L29M, G30M G30M, F30M Barrier River, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, NEIC 24 22:00:45.7, etc.

24d 22h

Table with columns: ID, Name, Elevation, Date, Time, Azimuth, etc. Includes entries like BUCK Buck Mountain, H04A Detroit Lake, I03D Drain, etc.

2017 SEP

Table with columns: ID, Name, Elevation, Date, Time, Azimuth, etc. Includes entries like K29M Barlow Dome, ISA Isabella, Lake, MPMC Manual Prospec, etc.

1800

Table with columns: ID, Name, Elevation, Date, Time, Azimuth, etc. Includes entries like G29M Pine Creek, G29M Pine Creek, M20K Styx River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like D22K Ayikyak River, E21K Kiliik River, ECSD EROS Data Cent, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KULM Kulim, TOLIZ Tolitoli, BATI Baunata, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ZALV, GEYT, GYAOB, MAW, etc.

NEIC 24 22:05:54.6i, 1.4, 7.78S: 0.08:107.77E:0.06, h6km, 4km, mb4.6/43, Error ellipse: s-maj=11.6km s-min=8.6km

DJA 24 22:02:02.0, 2.8, 2.8S: 101.9E, h58km, 2km, Ms, 0/52

ISC 24 22:06:04.6, 0.8, 7.64S: 108.08E, h88km, 5km, mb4.1/21, mbmp4.4/22, MS3.3/11, Error ellipse: s-maj=20.2km s-min=10.2km az=57.0

ISC 24 22:06:02.0, 0.3, 7.95S: 107.91E:0.04, h70km, n164, i=154/152, mb4.6/47, Jawa

OOD Oodnadatta 32.85 130 P P 22 12 30.0 +0.8

MULG Mulgathing 30.63 136 P P 22 12 32.9 +1.8

QIS Mount Isa 30.11 116 T T 22 12 32.8 +1.3

H08S2 Diego Garcia H 35.0 268 T T 22 49 52.1

H08S1 Diego Garcia H 35.0 268 T T 22 49 52.7

COEN Coen 35.1 103 P P 22 12 49.5 +0.5

COEN Coen 35.1 103 P P 22 12 49.5 +0.5

BBOO Buclebooo 35.95 137 P P 22 12 56.3 +0.4

BBOO Buclebooo 35.95 137 P P 22 12 56.3 +0.4

BBOO Buclebooo 35.95 137 P P 22 12 56.9 +1.0

STKA Stephens Creek 39.34 132 P P 22 13 24.4 +0.2

STKA Stephens Creek 39.34 132 P P 22 13 26.2 +1.6

STKA Stephens Creek 39.34 132 P P 22 13 26.2 +1.6

JOW Kunigami 39.82 29 LR LR 22 30 58.8

KSRS Korea Array 48.90 21 LR LR 22 36 24.5

SONJ Hachijo jima 2 50.86 35 LR LR 22 36 57.4

SONM Songino Array 55.56 359 P P 22 15 29.3 -1.0

SONM Songino Array 55.56 359 P P 22 15 29.3 -1.0

BOOM Boomscoye usch 58.06 333 P P 22 15 46.8 -1.4

BOOM Boomscoye usch 58.06 333 P P 22 15 46.8 -1.4

LIFNC Lifou 58.58 109 P P 22 15 54.5 +2.4

BTK Batken 58.78 327 P P 22 15 52.1 -1.0

BTK Batken 58.78 327 P P 22 15 53.9

MK31 Makanchi Array 59.08 340 P P 22 15 53.4 -1.6

MK31 Makanchi Array 59.08 340 P P 22 15 53.4 -1.6

MKAR Makanchi Array 59.08 340 P P 22 15 53.0 -2.0

ARCES ARCESS Array B 94.74 340 P P 22 19 14.2 -1.1

GERES GERES Array B 96.69 318 P P 22 19 32.4 -1.4

HFS Hagfors 98.94 330 P P 22 19 34.2 -0.2

TORD Torodi Arr. Bea 107.49 281 PKPKP PKIKP 22 24 21.6 -0.1

PDAR Pinedale Array 132.21 37 PKP PKPdf 22 25 09.2 +0.6

SCHO Schefferville 133.06 356 PKP PKIKP 22 25 10.7 +0.0

CPUP Villa Florida 143.02 202 PKP PKPbc 22 25 26.5 +1.0

TXAR Lajitas Array 143.50 50 PKP PKPbc 22 25 27.3 +0.4

BDFB BDFB 146.56 225 PKPbc PKPab 22 25 38.5 +0.8

RAO Raoul Island 4.81 156 P P 22 09 46.0 +2.1

MSVF Monsavu 7.28 346 P P 22 10 08.8 +1.0

MSVF Monsavu 7.28 346 P P 22 10 08.8 +1.0

NIUE Niue 11.09 61 P P 22 10 47.1 -0.4

PINNC Pines Island, 11.58 279 P P 22 10 55.3 +2.6

DZM Mont Dzumac 12.61 280 P P 22 11 05.9 +2.2

DZM Mont Dzumac 12.61 280 P P 22 11 05.9 +2.2

TOZ Tahuroa Road 13.36 195 P P 22 11 12.8 +1.4

URZ Urewera 13.57 189 P P 22 11 13.1 -0.4

URZ Urewera 13.57 189 P P 22 11 13.1 -0.4

RTZ Ruatana 13.94 189 P P 22 11 18.1 +0.7

MRZ Mangatainoka 16.16 192 P P 22 11 39.8 -0.9

MSWZ Moikau Station 16.96 192 P P 22 11 48.9 0.0

TCW Tory Channel 16.96 193 P P 22 11 47.9 -1.0

SNZO South Koror 16.96 193 P P 22 11 48.4 -0.5

BHW Bhow Head 17.02 193 P P 22 11 49.2 -0.3

BSWZ Blackbird Sta 17.53 193 P P 22 11 54.0 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other parameters. Includes stations like CMJJI Cimerak, CNJI Cibinong, LEM Lembang, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like OOD Oodnadatta, MULG Mulgathing, QIS Mount Isa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ZALV, GEYT, GYAOB, MAW, etc.

Code Station Name Az Phase ID Time Res

Call Sign Name Frequency Mode Power

Call Sign Name Frequency Mode Power

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COEN Coen, BBOO Buckleboo, AS1 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NOA NORSAR Array B, HFS Hagfors, KABE Kabe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IBDR Badra, ILBA Ilam Banvizeh, BHD Baghdad, etc.

NEIC 24 22:35:54.4 ± 1.8, 15:33N, 0:07:49W, h10km, mb3.8/7, s-maj=5.8km az=186.0

MEX 24 22:35:55.5 ± 2.0, 15:37N, 94:49W, h17km, 15km, MD4.4

ISC 24 22:35:54.8 ± 1.2, 15:40N, 0:06:94W, h45km, 11km, n79, ±192/85, mb3.9/15, MS3.1/6, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CARR Arriaga, PANG Puerto Angel, THIG Huehuetenango, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCT Junction City, TXAR Lajitas Arr, TX31 Lajitas Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APMT Aspermont, MIAR Mount Ida, MNTX Cornudas Mount, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like R32A Trinidad, T25A Trinidad, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ELK Elko, NVAR Mina Array Bea, B35A Littlefield, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MDT Midsett, NB2 NORSAR Subarra 84, NOA NORSAR Array B, etc.

ARCES ARCESS Array B 85.53 18 P 22 48 28.5 ± 0.7

FINES FINESSE Array B 90.20 24 P 22 48 50.9 ± 0.6

TORDI Torodi Arr 92.74 26 P 22 49 00.2 ± 0.7

WARR Warramunga Arr 92.24 187 P 22 54 12.1 ± 1.0

WAKE WAKE ISLAND Hy 29.72 67 T 23 26 15.6

WAKE WAKE ISLAND Hy 30.25 65 T 23 27 00.1

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.25 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

WAKE WAKE ISLAND Hy 30.26 65 T 23 27 00.6

IDC 24 23:07:54.8, 1.1, 38°29N-22°18'E, h0km, mb3.5M, mbtmp3.4/1.1, ML2.8/2, Error ellipse: s-maj=19.8km s-min=19.1km az=130.0

ATH 24 23:07:54.7, 38°31N-22°08'E, h15km, ML3.2/19, Manual Solution by A.Moschou First location: 2019/04/12 00:17:09, This location: 2019/04/12 00:15:09 ML

Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 24 23:07:55.8, 38°32N-22°07'E, h2km, 1km, ML3.2/22, Error ellipse: s-maj=1.6km s-min=0.6km az=268.0

ISC 24 23:07:55.8, 0.7, 38°31N-01°22.07'E, 0.01, h10km, 4km, n106, c115/1156, mb3.5/7, Greece

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res, ISC. Lists various stations like TRIZ Trizonia, ALIK Alik, KALE Kalitheia, etc.

Table with columns: KPRO Kipourio, VLI Veliai, PAIG Palouri, KTHA Kythira Island, HORT Horlatis, etc. Lists stations and their associated data.

Table with columns: STG3 Santiaguito 3, PMUV Sontecomapan, PMUV Sontecomapan, YOIG Yosondua, etc. Lists stations and their associated data.

IDC 24 23:09:27.9, 2.0, 1°06'N-132°33'E, h0km, mb4.0/3, mbtmp4.1/3, ML2.5/1, MS3.3/2, Error ellipse: s-maj=59.2km s-min=26.1km az=87.0, Irian Jaya region

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res, ISC. Lists stations like SIJI Sorong, SIJI Sorong, WRA Warramunga Arr, etc.

Table with columns: TEIG, CRIN San Cristobal, CNNG Cerro Negro, MATN Matagalpa, etc. Lists stations and their associated data.

NEIC 24 23:29:30.2, 1.5, 58°N-105°94'48W, h45km, 6km, mb4.7/452, Mw4.7/15, Md5.0/60(MEX), Error ellipse: s-maj=8.3km s-min=4.6km az=201.0, Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mrr: 1.2; Mxx: -0.74; Myy: 0.38; Mxy: -0.49; Mxz: 0.43; Mxz: 0.16; Fault plane solution: M=1.9000x10^16 NP1.0+129.03000°, 532.76000°, 199.71000°; NP2.0+297.53000°, 657.77000°, 183.81000°; Principal axes: T=1.2391, Plg76.0000°, Azm 189.0000°; N= -0.1006, Plg5.0000°, Azm301.0000°; P= -1.1385, Plg13.0000°, Azm32.0000°

NEIC 24 23:29:30.1, 15.67°N-94°42'W, h35km, IDC 24 23:29:31.8, 2.6, 15°58'N-94°34'W, h64km, 22km, mb4.2/24, mbtmp4.5/26, MS3.6/46, Error ellipse: s-maj=22.7km s-min=10.2km az=55.0

MEX 24 23:29:31.4, 0.9, 15°54'N-94°56'W, h16km, 10km, MD5.0, GCG 24 23:29:37.6, 3.0, 14°60'N-94°46'W, h50km, 99km, MD4.7, ISC 24 23:29:29.2, 0.9, 15°57'N-01°04'94.55W, 0.02, h42km, 8km, n916, c137/925, mb4.7/201, MS3.7/47, 10C-9D, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res, ISC. Lists stations like CARR Arriaga, NILT Santiago Nilito, PCIG, etc.

Table with columns: HPIC Jarrell, 435B Jarrell, 435B Jarrell, JCT Junction City, JCT Junction City, SAND Sanderson, SAND Sanderson, TXAR Lajitas Array, TXAR Lajitas Array, etc. Lists stations and their associated data.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like ABTX, Z38A, Z38A, Z141, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like OK051, SWET, SWET, CROK, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like WCI, Wyandotte Cave, U54A, etc.



Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like M30M Minto, Yulon, M29M Somme Creek, etc.

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like R18K Karluk, F26K Burnt Mountain, Q19K Cape Douglas, etc.

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like O15K Ungalikthiuk, L17K Donlin, M16K Timber Creek, etc.





24d 23h

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like N16K Nishlik Lake, C19K Lookout Ridge, G18K Tagagawik, etc.

2017 SEP

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like G23K Bananza Creek, TOLK Toolik Lake Re, E23K Chandalar, etc.

1808

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like BCAR Beaver Creek A, BELG Belogomoye, M27K Edge Creek, etc.

1809

Table with columns for station name, frequency, power, and other parameters. Includes stations like AKH, TGNT, WTLY, KARS, FINES, GURO, SIRT, NACGM, AKASG, AKASG, AKKB, AKKB, GAZ, GAZ, BNN, SUW, HFS, BR131, BR131, BR131, NB2, NOA, SUMG, SUMG, TPGR, CFR, CFR, TESR, LLLB, MDUB, BUR08, BURAR, BURAR, VRI, VRI, ICOR, KWP, KWP, KWP, MMAI, KOLS, KOLS, TRPA, OJC, OJC, OJC, NIE, F04A, F04A, EDM, EDM, EDM, ELL, ELL, ELL, MORC, MORC, MORC, VYHS, VYHS, VYHS, OSTC, OSTC, DPC, DPC, D08A, KSBX, JAVC, JAVC, VRAC, VRAC, VTS, VTS, MODS, MODS, MODS, MODS, L04D, J05D, CLL, CLL.

2017 SEP

Table with columns for station name, frequency, power, and other parameters. Includes stations like CLL, CLL, CLL, TREC, TREC, PRU, PRU, ZVC, CONA, DIVS, ATD, CKRC, CKRC, NKC, NKC, KHC, KHC, KHC, ARSA, ARSA, BMO, BMO, BMO, GDXM, GDXM, J08A, J08A, MOA, MOA, PLID, SOKA, GRA1, GRA1, GRF, GRF, GRF, GRF, GRFO, GRFO, MSO, MSO, WVOR, WVOR, B10A, B10A, FFC, FFC, FFC, FFC, CHMT, OBKA, OBKA, OVLT, OVLT, MYKA, MYKA, BEMT, ELMT, MPK, PAHR, PAHR, CLUD, ABTA, WATA, WATA, WTTA, EGMT, EGMT, EGMT, PNTR, PNTR, PNTR, STAL, STAL, CMB, CMB, CMB, STU, STU, STU, MOTA, MOTA, SQMT, SQMT, DLMT, DLMT, RETA, YERR, YERR, YERR, HLID, HLID, WAKR, WAKR, BCYI, EKA, FETA, BOZ, DAVA, KVN, KVN, KVN, KVN.

25d 0h

Table with columns for station name, frequency, power, and other parameters. Includes stations like LHV, LHV, NVAR, NVAR, FDMO, FDMO, TPX, TPX, TPX, IMW, RLMT, RLMT, RLMT, TPWM, DGMT, CWC, GMM, GMM, LAO, R11B, MPMC, HWUT, HWUT, FURC, DUG, BWO6, BWO6, PD31, PDAR, PDAR, GSC, ULM, ULM, HEC, P18A, P18A, RSSD, O20A, HMU, HMU, U15A, N23A, WUAZ, SMCO, SMCO, MUCO, TUC, TUC, TORD, LPAZ, WRA, ASAR, TORD, ASI5, E0S4, E0S3, E0S3, E0S3, JYNG, JYNG, YOJ, YOJ, YOJ, YOJ, E0S2, ENA, ETL, HWA, TWC, TWC, IRIF, TWD, HATJ, HATJ, NACB, NACB, TEGC, ETM, NDS, NDS, EGS, ETLL, XJBY.

25d 0h

Table with columns: Station Name, Time, Res, ISC, Phase ID, etc. Includes stations like LATG, TWBT, ENTT, WARBT, etc.

2017 SEP

Table with columns: Station Name, Time, Res, ISC, Phase ID, etc. Includes stations like TPUB, CHN4, WTP, ECL, etc.

1810

Table with columns: Station Name, Time, Res, ISC, Phase ID, etc. Includes stations like NEIC 25 00:56:51.3, Oaxaca, NIET, etc.

1811

Table with columns: IALR, University of, 19.09, 6, P, Pn, 01 01 07.9, -1.5. Includes entries like WMOK Wichita Mountain, MSTX Muleshoe, PNO Franklin, Z51A Franklin, etc.

2017 SEP

Table with columns: P46A, Rosedale, 24.72, 14, P, P, 01 02 05.2, -1.3. Includes entries like N38A Joe South For, P48A Milroy, N41A Harden Midland, etc.

25d 1h

Table with columns: ESDC, comp=Z, 1.7nm, 0.9s, baz=300, slow=6.3, SNR=5.0. Includes entries like ESBP, comp=Z, 3.4nm, 19.8s, baz=217, slow=35, etc.

ILAR Eielson Array 83.35 12 P P 01 56 41.9 +0.9
MAW Mawson 86.69 199 P P 01 56 57.7 +0.1
BRTR Keskin Array B 145.50 319 PKPbc PKPab 02 03 50.0 +0.8

PB02 IPOC Station P 2.48 267 P Pn 02 34 16.6 +0.4
PB02 02 34 48.3 -2.0
PB02 02 34 53.2

ASAR 0.7nm,0.6s,baz=100,slow=8.6,SNR=9.6 P P 03 09 35.5 -0.9
WRA Warramunga Arr 46.91 262 P P 03 08 08.2 -0.1
AKASO Malin Array Be 144.33 333 PKP PKPab 03 19 07.0 -0.3

IDC 25 01:51:20.6,3.2,0.91S,-139.92E,h0km,mb3.2/1,
mbtmp3.3/2,ML3.4/1,Error ellipse: s-maj=59.9km
s-min=50.7km,az=100.0,Irian Jaya region

Code Station Name Az AZZ Phase ID Time Res
JAY Jayapura 1.77 154 Pn 01 51 53.5 -0.6
WRA Warramunga Arr 19.68 196 P P 01 55 51.9 +0.4
ASAR Alice Springs 23.36 194 P P 01 56 30.0 -0.9

PB07 IPOC Station P 2.52 258 P Pn 02 34 16.8 +0.1
PB07 02 34 49.3 -1.9
PB07 02 34 50.8
PB06 Humahuaca 2.61 140 Pn 02 34 19.5 +1.6

DJA 25 03:07:59.7,0.6,5.5,5.13'0E",h78km,11km,M3.6/6,
MLV3.6/6
IDC 25 03:03:01.7,1.5,4.15S,129.91E,h0km,mb3.5/2,
mbtmp3.3/5,ML3.1/3,MS3.0/1,Error ellipse: s-maj=54.7km
s-min=24.3km,az=87.0

Code Station Name Az AZZ Phase ID Time Res
BNDI Bandanaira 0.20 209 P Pn 03 08 13.1 +0.4
FAKI Fak Fak 2.66 58 Pn 03 08 47.4 +1.5
SIJU Sorong 3.68 20 Pn 03 08 58.9 -1.0

TEH 25 01:55:07.2,31.94N,-56.40E,h9km,27km,ML3.8,
Northern and central Iran

Code Station Name Az AZZ Phase ID Time Res
IBAF Bafgh 0.79 244 Pn 01 55 22.1 -0.4
ZRDN Zaran Kerman 1.18 173 Pn 01 55 28.6 +0.2
TPRV Parvadeh(Tabas 1.11 139 Pn 01 55 29.0 0.0

TA01 Diego Aracena 2.83 283 P Pn 02 34 19.8 -0.3
TA01 Diego Aracena 2.83 283 eS Sn 02 34 56.1 -2.6
TA01 02 34 20.1 0.0
TA01 02 34 55.4 -1.8

IDC 25 03:18:04.0,2.7,7.64S,-128.79E,h0km,mb3.7/1,
mbtmp3.4/3,ML3.3/2,Error ellipse: s-maj=284.7km
s-min=33.0km,az=66.0, Banda Sea

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 13.36 157 Pn 03 21 13.1 -2.0
WRA 0.1nm,0.3s,baz=333,slow=13,SNR=2.8 Sn 03 23 31.7 -1.3
ASAR Alice Springs 16.68 163 Pn P 03 22 01.1 -0.7

IDC 25 02:33:32.4,1.1,21.19S,-67.12W,h188km,18km,mb3.4/1,
mbtmp3.6/6,Error ellipse: s-maj=30.8km s-min=14.3km
az=93.0

Code Station Name Az AZZ Phase ID Time Res
MOCH Mochara 1.49 92 Pn 02 34 07.6 +1.0
MOCI Mochi 0.24 32.3 -0.6
MOCH 02 34 33.2

SIV comp=Z,1.6nm,0.5s,baz=318,slow=23,SNR=7.3 Pn 02 36 45.3 -6.4
TICA Tres Isletas 8.12 131 eP Pn 02 35 29.5 +2.3
PTLB Pontes e Lacer 9.59 55 eP Pn 02 35 45.3 -1.1

JMA 25 03:20:39.3,0.1,24.2N,05:123.7E,0.5,h15km,1km,
RYUKYU NEARS

Code Station Name Az AZZ Phase ID Time Res
HATJ Hateruma jima 0.15 129 Pn 03 20 43.2 -0.1
HATJ 03 20 45.7 -0.3
IRIF Iriomote-Funau 0.19 16 P Pn 03 20 43.7 -0.1

SCB 25 02:33:33.9,1.2,21.26S,-67.26W,h184km,9km,ML3.5/4,
MW3.6,Error ellipse: s-maj=4.1km s-min=3.1km,az=0.0

Code Station Name Az AZZ Phase ID Time Res
YJA Yavi 1.86 121 Pn 02 34 11.4 +1.3
YJA 02 34 13.9 +1.3
YJA 02 34 39.0 -0.3

CPUF Villa Florida 10.40 121 P Pn 02 35 56.5 -0.3
ANTJ Antonio Joao ( 10.48 96 eP Pn 02 35 58.9 +1.0
ETMB Extrema 11.38 5 eP Pn 02 36 09.5 +0.1

TAP 25 03:20:45.7,24.41N,-121.73E,h26km,ML1.4,C,Taiwan

Code Station Name Az AZZ Phase ID Time Res
ENA Nanau 0.02 35 Pn 03 20 52.0 +0.1
ENA 03 20 53.5 +0.4
LATG Datong 0.22 304 eP Pn 03 20 52.2 +0.4

LVC Limon Verde 2.08 228 Pn 02 34 13.0 +0.8

Code Station Name Az AZZ Phase ID Time Res
LVC Limon Verde 2.08 228 eP Pn 02 34 13.0 +0.8
LVC 02 34 43.2
LVC 02 34 45.4

IDC 25 02:39:58.5,0.1,0.05S,-107.127E,0.1,h100km,m10,
c=313/10,mb3.8/3,Halmahera

Code Station Name Az AZZ Phase ID Time Res
LBMI Labuha 0.68 149 Pn 02 40 18.5 +2.7
LBMI 02 40 32.9 +4.1
TNTI Ternate 0.84 15 Pn 02 40 19.5 +2.1

IDC 25 03:31:58.5,11.0,8.32S,-115.23E,h0km,mb3.5/3,
mbtmp3.6/3,MS3.1/4,Error ellipse: s-maj=178.1km
s-min=141.0km,az=161.0

Code Station Name Az AZZ Phase ID Time Res
SRBI Sangaraja 0.37 310 P Pn 03 32 10.5 +0.5
DNP Denpasar 0.45 220 P Pn 03 32 13.2 +0.5
IGBI Denpasar 0.60 216 P Pn 03 32 15.1 +0.8

IDC 25 03:50:04.7-2.7, 53.68N-86.79E, h0km, mbtmp2.9/2, ML3.2/2, Error ellipse: s-maj=23.9km s-min=14.1km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 1.1nm,0.3s, etc.

IDC 25 04:01:19.6-2.3, 9.63S; 115.44E, h0km, mb3.0/3, mbtmp3.2/4, ML3.7/1, MS2.5/1, Error ellipse: s-maj=59.5km s-min=29.8km az=53.0

DJA 25 04:01:28.0-2.9, 10.5 S, 4 x 11.6 E, h22km, 2gkm, M4.0/9, mb4.3/5, MLV3.9/9

ISC 25 04:01:26.7-1.2, 9.66S; 109.116.06E, 0.06, h26km, n14, e178/16, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Taliwang, TWSI Denpasar, DNP Denpasar, etc.

HEL 25 04:15:57.8-0.3, 67.16N, 20.57E, h0km, ML1.1, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERTU Ertoljaer, PAJU Pajala, PAJU Kallari, etc.

IDC 25 04:29:04.3-1.4, 15.37N; 94.80W, h0km, mb3.9/8, mbtmp3.9/10, ML3.3/2, MS3.4/15, Error ellipse: s-maj=45.6km s-min=20.4km az=40.0

MEX 25 04:29:11.6-0.8, 15.45N; 94.81W, h16km, 10km, MD4.3 NEIC 25 04:29:12.8-1.6, 15.55N; 108.94.78W, 0.05, h37km, 6km, mb4.3/48, Md4.3/53(MEX), Error ellipse: s-maj=11.2km s-min=6.5km az=167.0

ISC 25 04:29:11.0-0.5, 15.42N; 104.9481W, 0.03, h37km, n129, e207/150, mb4.2/18, MS3.3/14, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santiago Nilte, CARR Arriaga, HUIG Huatulco, etc.

Table with columns: TUIG Tuzandepetl, CCIG Comitán, CCIG YONG, etc. Includes station names and coordinates.

SOR Soroa, H33A Chaparral WHIA, H33B Frank Sound, G, H30O Honda, 435B Jarrell, etc.

TX31 Lajitas Ar, TX32 Lajitas Array, TXAR Lajitas Array, etc.

BRDY Brady, OZNA Ozona, ALPN Alpine, etc.

FW07 Weatherford, ABTX Abilene, Hawle, FW03 Perrin-Whitt E, etc.

APMT Aspermont, LOOK Love County, LOOK Look, etc.

X37A Lajitas Ar, WMOK Wichita Mounta, MSTX Muleshoe, etc.

FNO Franklin, AMTX Amarillo, TUL3 Leonard, etc.

FCAR Ozark Folk Cen, OK031 S. Brethren Rd, OK052 Battle Ridge R, etc.

OK033 Mehan, 121A Cookes Peak, D, OK048 Pawnee Station, etc.

U32A Winter Ranch, OK038 West end E0370, KAN08 Anthony Ne 1st, etc.

TUC Tucson, TKL Tuckaleechee C, ROSC El Rosal, etc.

SIUC Southern Illin, SIUC, X16A Lo Mia Camp, etc.

SMCO Snowmass, PFCO Pinyon Flats O, ELK Elko, etc.

NVAR Mina Array Bay, NVAR, SNOW Snow King Moun, etc.

J08A Circle Bar Ran, J08A, etc.

Table with columns: BEMT Mount Belmont, YBH Yreka Blue Hn, F10A Beach Ranch, etc. Includes station names and coordinates.

SJA 25 04:30:39.3-0.7, 32.66S; 72.51W, h111km, 13km, ML4.1, MW4.3

GUC 25 04:30:42.5-0.7, 32.65S; 72.02W, h35km, 2km, ML4.0

IDC 25 04:30:47.6-2.9, 32.98S; 71.84W, h68km, 23km, mb3.5/4, mbtmp3.7/8, MS3.2/7, Error ellipse: s-maj=33.8km s-min=20.1km az=99.0

ISC 25 04:30:42.8-1.0, 32.69S; 0.02-72.12W, 0.04, h26km, 7km, n67, e180/95, mb4.0/7, MS3.3/3, 10C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROCH El Roble, MT02 Curacav, VA05 Santo Domingo, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like CO03, G005, B002, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like B002, B002, RTLS, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like G004, ASAL, AAGR, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like DOCA, ZON, ZON, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like CO01, RTLL, AROD, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like CFA, RFA, RFA, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like LCO, AC04, AC04, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like H03N1, H03N3, H03N2, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like H03S1, H03S3, H03S2, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like PLCA, LVC, LVC, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like CPUP, CPUP, CPUP, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like LAPAZ, LAPAZ, LAPAZ, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like BDFB, BDFB, BDFB, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like RCBR, VNA3, VNA1, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like VNA2, SNA, SNA, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like TROLL, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like MAW, TORD, H1S2, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like H1S3, BVAR, KURBR, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like ZALV, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like TRN, TRN, CRUV, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SLBI, SLBI, SLBI, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like NEIC, IDC, ISC, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like VNA2, SNA, SNA, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SNA, SNA, SNA, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SNA, TROLL, TROLL, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like G005, CPUP, CPUP, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like CO01, VNA, VNA, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like H04S2, H04S3, H04S1, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like P007, G001, PTLB, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like LPAZ, LPAZ, LPAZ, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like ETMB, ETMB, TOAO, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like TORD, TORD, TORD, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like RAO, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like ZALV, M30M, M29M, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like J30M, K29M, EPYK, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like I28M, F28M, SONR, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like ILAR, PAU, KDTR, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like KDRT, KTRV, MTRV, etc.

Manual Solution by A.Moschou First location: 2019/05/06 23:07:00. This location: 2019/05/06 23:06:09 ML

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like PSRA, PSRA, CHOS, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like CHOS, CHOS, CHOS, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.

Table with columns: Code, Station Name, Az, E, S, Time, Res, ISC. Includes entries like SKY, SKY, SKY, etc.





25d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LPAZ La Paz, SAML Samuel, LSAZ Lusaka, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like L29M L29M, K29M Barlow Dome, I30M Mount Dempster, etc.

1816

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 25 06:22:39.0, I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include TURV Turiamo, BENV Beln, CHIC Chingaza, etc.

IDC 25 06:52:52.6:12.0, 23.05S, 179.67E, h654km, 163km, mb3.1/5, mbtmp4.0/5, Error ellipse: s-maj=97.1km, s-min=64.5km az=155.0

ISC 25 06:52:51.4:1.8, 23.4S, 0.8:179.8E:0.3, h650km, n6, r154/6, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CTA Charters Tower, STKA Warrunguna Arr, ASAR Alice Springs, etc.

IDC 25 06:53:56.7:7.8, 5.27S, 146.10E, h84km, 79km, mb2.8/2, mbtmp3.1/3, ML3.0/2, Error ellipse: s-maj=61.4km, s-min=36.1km az=141.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, WRA Warrunguna Arr, ASAR Alice Springs, etc.

DJA 25 07:16:23.0:3.9, 5.3S, 107.7E, h10km, M4.9/23, mb5.7/3, mb5.1/8, MLV4.8/23, Mw(mb)5.2/3, NEIC 25 07:16:25.0:2.1, 8.42S, 0.06:107.01E:0.07, h34km, 5km, mb4.7/32, Error ellipse: s-maj=10.3km s-min=7.7km az=116.0

IDC 25 07:16:30.2:2.2, 8.20S, 107.31E, h75km, 19km, mb4.1/25, mbtmp4.4/26, MS3.7/23, Error ellipse: s-maj=22.2km s-min=11.2km az=63.0

ISC 25 07:16:25.4:0.3, 8.51S, 0.04:107.06E:0.05, h35km, n141, r1575/124, mb4.5/38, MS3.6/22, IC, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include CNJI Cibirong, CMJI Cimerak, LEM Lembang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KPI Karang Pucung, CGJI Cibirong, XMI Christmas Isla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include GMI Gumukmas, PPBI Pangkal Pinang, BLJI Banyulugur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KSI Kapahiang, JAGI Jajag, ABJI Asem Bagus, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include AS31 Alice Springs, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PZH PanZhihua, COEN Coen, BBOO Buekleebo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include NJ2 Nanjing, XAN Xian, BTO Baotou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include HHC Korea Array, JHJ Hachijo jima Z, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include WMQ Urumqi, KSH Kashi, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ULN Ulanbaatar, KOUNC Koumang, WSAR Wadi Sarin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include USRK Ussuriysk Arr, USRK Ussuriysk Arr, NRN Naryn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include BOOM Boomsokoye usch, BZM Mont Dzumac, DTK Batken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include AAK Ala-Ata, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KK31 Karatay Array, KKR Karatay Array, KKA Kamikawa-asahi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KURK Kurchatov, GEYT Alibek, GEYT Alibek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include QSPA Sutherland, SUR Sutherland, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KLMR Klimovskoe, SNAA Sanae, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include FINES Fines Array B, ARCES ARCESS Array B, SPITS Spitsbergen Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PDAR Piedade Array, TXAR Lajitas Array, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KUR15 Kurchatov Arra, KUR16 Kurchatov Arra, KUR17 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, H46RU Zalesovo INFRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JYNG Yanagunijimaku, YJNG Yanagunijimaku, YOJ Yanagunijimaku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include E0S2 E0S2, E0S2 E0S2, E0S3 E0S3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include E0S4 E0S4, E0S4 E0S4, E0S5 E0S5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SWB1 Santiao Chiao, TWB1 Santiao Chiao, EGS EGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include TWC TWC, TWC TWC, SKH1 Grass Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include NDS Dongshan, NWS WU-fen Shan, WFSB WU-fen Shan, etc.

IDC 25 07:18:31.6:1.1, 50.06N, 78.72E, h0km, mbtmp2.9/2, ML2.3/2, Error ellipse: s-maj=12.0km s-min=7.0km az=65.0

NNC 25 07:18:31.6:0.5, 50.05N, 78.89E, h0km, mb2.8, mpv2.6, Error ellipse: s-maj=14.1km s-min=5.2km az=66.0, Suspected Mining explosion.

ISC 25 07:18:31.3:1.7, 50.07N, 0.08:78.6E:0.2, h0km, n15, r068/25, 16C-6D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KUR15 Kurchatov Arra, KUR16 Kurchatov Arra, KUR17 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ZALV Zalesovo Beam, ZALV Zalesovo Beam, H46RU Zalesovo INFRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JYNG Yanagunijimaku, YJNG Yanagunijimaku, YOJ Yanagunijimaku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include E0S2 E0S2, E0S2 E0S2, E0S3 E0S3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include E0S4 E0S4, E0S4 E0S4, E0S5 E0S5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SWB1 Santiao Chiao, TWB1 Santiao Chiao, EGS EGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include TWC TWC, TWC TWC, SKH1 Grass Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include NDS Dongshan, NWS WU-fen Shan, WFSB WU-fen Shan, etc.

25d 7h

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Table with columns: Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Resolution (Res), and other parameters. Includes stations like NWLT, NHDH, YMO1, ETL, HATJ, TATO, NACB, TWD, JKRS, YHNB, ETLH, NSK, NNSB, NNS, JIJ, ETM, LXIB, WHF, NFF, TDCB, CHGB, CHGB, LIQB, NSTT, WARBT, OWD, WUSB, WHP, HGSB, HGSB, VVWD, EHY, EHY, WCS, YULB, YULB, TYC, TYC, WHYT, WHYT, FULB, FULB, ALS, EDH, STYH, STYH, CHN4, CHN4, TPUB, TPUB, WTP, CHN1, MASBT, VVUC, VVUC.

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Resolution (Res), and other parameters. Includes stations like NILT, PCIG, PCIG, HUIG, TGIG, TGIG, PEIG, PEIG, NEUV, RTAL, STG3, STG3, HUEH, SULLM, TOIG, TOIG, TOIG, FUEGO, FUEGO, NBG, NBG, PETF, PETF, ESQI, MTO3, SNET, TEIG, TEIG, TEIG, TEIG, CNNG, MATN, ACON, ORTG, DUNO, ESPN, JTS, JTS, COVE, COVE, RIMA, DRKO, SOR, FSCY, H33A, H33A, H33A, DRIO, DRIO, HNVL, HNVL, 411A, 435B, 435B, JCT, JCT, SAND, SAND, TXAR, TXAR, TXAR, TX31, TX32, NATX, BRDY, BRDY, OZNA, OZNA, WHTX, WHTX, ALPN, ALPN, SGCY, SGCY, FW06, ABTX, ABTX, ABTX, FW03, PECS, PECS, Z35A, Z35A, ODSA, ODSA, WLAR, APMT, APMT, LOOK, LOOK, Z47A, POST, LRAL, MNTX, MNTX, DKNS, DKNS, MIAR, X37A, X37A, X37A, X37A, OXF, OXF, OXF, WMOK, WMOK.

Table with columns: Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Resolution (Res), and other parameters. Includes stations like Y49A, MSTX, FNO, OKCS, CBCC, AMTX, DEOK, DEOK, TUL3, TUL3, FCAR, FCAR, OK031, OK031, PLMC, HELC, OK033, OK033, FPAL, RLO, RLO, QUOK, HHAR, 121A, 121A, ELIS, OK048, SWET, JAMC, GUY2C, CRUK, U32A, BLOK, BBAC, WWT, WWT, NORC, GACO, POPY, PBOC, KAN08, Y22D, Y22D, Y22F, SBM, OTAV, KAN17, MGMO, LENM, IMBA, KAFU, ANK08, ANMO, S39A, ROSC, ROSC, ROSC, TKL, TUC, TUC, SLO, SLO, PRAC, T47A, T47A, BARC, S44A, S44A, CCM, CHIC, CHIC, T25A, T25A, 214A, KSU1, KSU1, KSU1, CBKS, CBKS, WCI, SDV, MACC, P38A, P38A, R49A, SDCO, PTGO, S22A, MVCO, WUAZ, BLA, HDIL, IKP, PV11, PV11, SMCO, ISCO, BC3, SCIA, PFO, ECSD, PCRV, SPMM, PDAR, ELK, NVAR, NVAR, MOOW.

GCG 25 07:23:37.9, 3.4, 1.6:53N:93:83W, h11km, 999km, MD4.5
MEX 25 07:23:40.2, 1.0, 1.5:28N:94:57W, h16km, 16km, MD4.7
NEIC 25 07:23:42.2, 1.8, 1.5:39N:0:09:94:42W, 0.07, h44km, 9km, mb4.5/94, M4.4, 7/14(MEX), Error ellipse: s-maj=14.1, 1km s-min=8.6km az=207.0
IDC 25 07:23:44.5, 3.4, 1.5:60N:94:13W, h62km, 28km, mb3.9/10, mbtmp4.2/12, ML3.9/2, MS3.6/17, Error ellipse: s-maj=30.2km s-min=18.2km az=39.0
ISC 25 07:23:41.2, 3.1, 1.5:28N:0:06:94:56W, 0.04, h41km, 17km, n242, s144/236, mb4.4/24, MS3.6/15, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E28A Huff, RLMT Red Lodge, EYMN Ely, etc.

mbtmp4.214,ML4,0.5,MS3,613, Error ellipse: s-maj=23.1km s-min=16.8km az=97.0 SJA 25 07:27:10.0,0.6,3,0.02S:71.73W,h74km,4ML,4.9, MW4.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO05 La Serena, GO04 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT02 Curacav, VCA Vinchina, CFA Coronel Fontan, etc.

IDC 25 07:26:04.4,3.3,54,55N,.86,28E,h0km,mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=24.5km s-min=15.2km az=47.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, etc.

IDC 25 07:27:07.0,0.6,30,14S:71.49W,h0km,mb4.2/9,

25d 7h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like H03S3 Juan Fernandez, H03S1 Juan Fernandez, PB06 IPOC Station P, etc.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like YBH Yreka Blue Hor, DZM Mont Dzumac, ASAR Alice Springs, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like Z38A Mt. Pleasant, 352A Blakely, ABTX Abilene, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1821.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 2017 SEP.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 25d 7h.





Table with columns for call sign, location, frequency, power, and status. Includes stations like ASAR Alice Springs, MTSU Mount Surprise, and various other regional stations.

Table with columns for call sign, location, frequency, power, and status. Includes stations like BTO, ASAJ, ODAN, TAMP, RAMP, JIRN, GUN, PKI, PKIN, KKK, DMN, GKN, BKZ, KOLN, DANN, PYUN, ULN, ULN, SONM, SONM, SONM, WMQ, PETK, CASY, TARG, MK31, MKAR, MKAR, MAKZ, NRN, AAK, AAK, AAK, KBL, KBL, ZAAO, ZAAO, ZALV, ZALV, ZALV, BTK, KURBS, KURBB, KURK, K3K1, KKAR, RER, JLJN, MISEY, WKB, HRA, WSAR, MHTO, Vnda, Vnda, JMDO, DMO, DMO, BIDO, BSY, JASK, HOQ, BVAR, BVAR, BRVK, BRVK, SHAO, SHAO, ARQ, MAW, MAW, MAW, DMTD, MDH, MDH, UOSS, UOSS, HATD, HATD, HATD.

Table with columns for call sign, location, frequency, power, and status. Includes stations like ASHO Ashiyah, ASHO Ashiyah, BANOH Banah, MSFE Esma-Masafi, MASF Masafi, ALNE Nazwa, ALNE Al Ain, SHME Shamm, SHME Shamm, RBK Nabruk, NAZ Nazwa, NAZ Nazwa, FAQ Al Faqa, FAQ Al Faqa, FAQ Al Faqa, UMQ Umm Al-Quwin, ASUD Al Ashud, ASUD Al Ashud, ASUD Al Ashud, DOK Doka, WHFO Wadi Hawf, AJN Ajban, ABTO Abtobek, GEYT, MZR Muzera, MZR Muzera, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, ABKAR Akbulak array, ABKAR Akbulak array, VOI Vohtsoka, VOI Vohtsoka, VOI Vohtsoka, AKTO Aktyubinsk, AKTO Aktyubinsk, SDPT Sand Point, ARU Ari, ARU Ari, TRF Thorofare Moun, AKH Akhalkalaki, MLY Prince Elisa, ELIB Reindeer, RND Khabze, RBZ Khabze, GURO Guroymak-BITLI, CCB Clear Creek Bu, CCB Clear Creek Bu, ILAR Eielson Array, ILAR Eielson Array, KMBO Kilima Mbo, KMBO Kilima Mbo, KMBO Kilima Mbo, BMAR Burnt Mountain, J26L Joseph Creek, J26L Joseph Creek, L27K Beaver Creek, L27K Beaver Creek, BCAR Beaver Creek A, I28M Miner Creek, I28M Miner Creek, F28M Old Crow, F28M Old Crow, DAWY Dawson, DAWY Dawson, K29M Barlow Dome, K29M Barlow Dome, TROLL Antari, TROLL Antari, TROLL Antari, J30M Hart River, J30M Hart River, SNAA Sanae, SNAA Sanae, SNAA Sanae, SNAA Sanae, ARCES ARCES Array B, ARCES ARCES Array B, BOSA Boshof, BOSA Boshof, FINES FINESS Array B, HFS Hagflos, NVAR Mina Array Bee, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, EKA Eskdalemuir Arr, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TORD Torodi Arr, SCHQ Schefferville, PLCA Paso Flores, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

SOME 25 08:02:49.0, 39.65'N-75.78'E, h10km NNC 25 08:02:51.2, 1.8, 39.74'N-75.90'E, h0km, mb3.7, mpv3.4.

25d 8h

Error ellipse: s-maj=12.0km s-min=8.4km az=173.0

KRNET 25 08:02:57.5 ± 1.40:03N:75.90E, mb3.1

ISC 25 08:03:00.2 ± 1.8, 40:12N:008.75E, h10km, n40,

az=177/52, 20C-8D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

JMA 25 08:03:23.6 ± 0.1, 38:2N:0.3:141:7E:0.5, h50km, MV3.8/39, E OFF MIYAGI PREF
JMA Felt II J1 at E OFF MIYAGI PREF
JMA 25 08:03:25.6 ± 3.8, 38:23N:141:64E, h72km, 9km, mb3.5/4, mbtmp3.7/7, Error ellipse: s-maj=68.7km s-min=14.0km az=129.0
ISC 25 08:03:23.9 ± 1.2, 38:18N:0.05:141:71E:0.08, h54km, 7km, n27, r124/38, mb3.8/4, 21D, Near east coast of eastern

2017 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2017 SEP event.

IDC 25 08:06:16.5 ± 2.7, 54:11N:86:45E, h0km, mbtmp3.0/2, ML2.8/2, Error ellipse: s-maj=20.7km s-min=12.8km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 25 08:06 event.

MEX 25 08:08:32.5 ± 0.3, 14:87N:93:34W, h42km, 27km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the MEX 25 08:08 event.

JMA 25 08:41:35.8 ± 0.1, 25:1N:3:123:1E:0.7, h61km ± 1km, Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the JMA 25 08:41 event.

TAP 25 08:42:02.8, 24:73N:122:45E, h10km, ML2.1, C, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the TAP 25 08:42 event.

1824

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 1824 event.

BUT 25 08:44:42.8 ± 0.7, 46:88N:0:04:112:53W:0:04, h11km, 4km, Error ellipse: s-maj=5.9km s-min=3.9km az=162.0
NEIC 25 08:44:42.5 ± 1.2, 46:83N:0:04:112:54W:0:04, h10km, 7km, ML3.5/22, ML3.7/27(BUT), Error ellipse: s-maj=6.0km s-min=3.1km az=154.0, Montana

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the BUT 25 08:44 event.

IDC 25 08:50:50.7 ± 1.4, 13:42S:166:35E, h0km, mb3.9/8, mbtmp3.9/9, ML3.4/1, MS3.5/12, Error ellipse: s-maj=42.6km s-min=22.6km az=120.0
ISC 25 08:50:55.8 ± 1.0, 13:55S:0:09:166:5E:0.2, h39km, n20, az=107/14, mb3.9/8, MS3.4/9, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 25 08:50 event.

IDC 25 08:56:29.2 ± 8.7, 36:81S:177:55E, h0km, mb3.2/2, mbtmp3.2/2, Error ellipse: s-maj=543.8km s-min=59.0km az=174.0
NOU 25 08:56:50.6 ± 37.86S:176:82E, h192km, ML3.5/8, North Island, New Zealand
WEL 25 08:56:55.1 ± 1.0, 38:5 ± 17:7E ±, h145km ± 10km, M3.5/78, ML2.9/8, ML3.5/78, Error ellipse: s-maj=0.0km s-min=0.0km az=19.6, confirmed

ISC 25 08:56:49.51.0.391782S:0105:17678E:0106,h197km,6km, n138,r133/142, North Island

REN 25 08:56:53.6.0.9,39110N:0101:11811W:0102,h10km,6km, ML2.5/10,ML2.4/38(NEIC), Error ellipse: s-maj=2.6km s-min=1.4km az=113.0, Nevada

CO01 comp=E,400nm,0.2s Juntas del Tor 2.09 144 eP Pn 09 30 48.4 +1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations from WHRZ Whale Island to ASAR Alhice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations from Code Station Name to CO01 Juntas del Tor.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations from CO01 Juntas del Tor to KURBB Kurchatov Arra.

NEIC 25 08:56:53.9.1.0.39110N:0102:11811W:0103,h10km,5km, Error ellipse: s-maj=3.0km s-min=2.4km az=65.0

DJA 25 09:31:48.9.1.2.4 S:9x121.9E:1, h15km:17km, M4, 1/10, MLv4, 1/10

ISC 25 09:31:50.9.3.0.3:92S:129'53E, h35km,24km, mb3.8/8, mbmp4.0/10, ML4.0/2, MS3.3/3, Error ellipse: s-maj=29.3km s-min=16.4km az=78.0

25d 9h

0.9nm,0.5s
VND A Vanda 75.52 173 P P 09 43 30.9 -0.37
0.3nm,0.5s,baz=331,slo=1.6,SNR=8.8

BUT 25 09:34:18.0 1.6, 46.88N, 0106.112, 53W, 0.05, h11km, 7km,
Error ellipse: s-maj=8.5km s-min=4.4km az=191.0
NEIC 25 09:34:17.9 1.9, 31.46, 85N, 003.112, 53W, 0.03, h9km, 8km,
ML2, 7/34, ML2.9/21, (BUT), Error ellipse: s-maj=3.9km
s-min=2.5km az=159.0, Montana

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res). Rows include stations like Mount Belmont, Lyon Mountain, Elliotson, etc.

MEX 25 09:36:53.2 0.9, 15.44N, 94.73W, h17km, 999km, MD4.4
NEIC 25 09:36:54.7 2.2, 15.47N, 08.94, 72W, 0.2, h39km, 9km,
mb4.5/155, MD4.4/22(MEX), Error ellipse: s-maj=12.4km
s-min=1.3km az=195.0

ICD 25 09:36:55.4 3.3, 15.54N, 94.45W, h50km, 28km, mb4.0/12,
mbtmp4.2/14, ML3.9/2, MS3.8/8, Error ellipse:
s-maj=25.0km s-min=15.0km az=56.0
ISC 25 09:36:52.1 0.6, 15.45N, 0105.94, 73W, 0.03, h27km, 4km,
n183, 0169/148, mb4.5/59, MS3.8/8, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res). Rows include stations like Santiago Nilte, Huatulco, Huajuap de L, etc.

2017 SEP

Main table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res). Rows include stations like Washetta, Lake Whitney, Cleburne, Sterling City, Weatherford, etc.

1826

Table with columns: Code, Station Name, Azimuth (A), Azimuth Error (AZ), Phase ID, Time, Residual (Res). Rows include stations like Teton Pass, Kaiserville, Moose Ponds, Flagg Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like 833A Chaparral WMA, HNDO Hondo, DRIO Del Rio, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELK Elko, NVAR Mina Array Bea, REDW Red Top Meadow, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT Keravat (AS076), HNR Honiara, MANU Manus Island, etc.

NEIC 25 09:42:09.6: 1.9, 5:35S; 0:08x153.99E; 0:07, h47km, 5km, mb5.1/232, Error ellipse: s-maj=12.9km s-min=8.7km az=217.0
BUI 25 09:42:09.9: 0.4, 9:7S; 154:34E, h67km, mb5.3/64, mb5.1/40, Ms4.4/13, Ms7.4/118
MOS 25 09:42:09.7: 0.8, 5:33S; 153:94E, h66km, mb5.3/34, Error ellipse: s-maj=9.3km s-min=6.0km az=101.7
GCMT 25 09:42:11.6: 0.1, 5:53S; 0:01x153.78E; 0:01, h56km, MW5.2/111, Moment Tensor Solution. s101.c143; s111.c161. Duration: 0. Moment tensor: Scale 1016Nm; M16:43E, 14; M12:37E, 12; M13:37E, 12; M14:16E, 11; M15:42E, 10; M16:04E, 11; Best double couple: M1: 37.300x10^16 NP1: 323.00000; 854.00000; 1.96.00000; NP2: 1.34.00000; 836.00000; 82.00000; Principal axes: T: 6.8370, Plg80.0000; Azm256.0000; N: 1.0730, Plg5.0000; Azm140.0000; P: -7.9100, Plg9.0000; Azm49.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
IDC 25 09:42:11.5: 1.5, 5:36S; 153:96E, h72km, 12km, mb4.7/23, mbmp5.1/27, MS4.0/51 Error ellipse: s-maj=14.2km s-min=10.1km az=86.0
DJA 25 09:42:11.8: 0.4, 5:33S; 153:94E, h72km, 5km, M5.0/43, mb5.3/43, mb5.5/19, M5.3/15, M4.4/3, Mw(mb)4.9/19, MwMwp4.9/5, Mwmp5.2/5
ISC 25 09:42:11.9: 0.4, 5:40S; 0:04x153.98E; 0:04, h72km, 3km, h72km; pp-P, n776, #125701, mb5.1/180, 21C-14D, New Ireland region
Code Station Name Az Az3 Phase ID Time Res
RABL Rabaul 2.17 303 Op Pn 09 42 46.5 +0.5
RABL Rabaul 2.17 303 P Pn 09 42 49.4 +3.4
KRVT Keravat (AS076) 2.27 309 Pn 09 42 46.2 -0.5

25d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Alice Springs, Nonsavu, Kununurra, WAKE ISLAND, Cobar Meteorol, Mangrove Creek, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yu-li, Morwa, Ninganchiao, Ta-pu, Monobe, etc.

1828

Table with columns for station name, frequency, power, and other technical details. Includes stations like BXN, PPT, Papeete, PPT2, PPT22, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Nuku Hiva Isla, Gaotai, GTA, and various other locations.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SVW2 Sparrevohn, K17K Litarov, WMQ Urumqi, and various other locations.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like M24K Tolsona, DHY Denali Highway, DHY Denali Highway, and various other locations.

25d 9h

2017 SEP

1830

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like O28M Mount Upton, SATY Saty, CHMS Chumysh, UCH Uchter, HRA Herat, SPR3 Spring Creek, etc.



Table with columns: ZALV, Zalesovo Beam, 3.87 275 Pn, Pn, 09 56 36.5 +1.7, 0.7nm, 0.3s, bazz=90, slow=16, SNR=4.0

NERS 25 10:16:45.4-0.0, 67.84N, 141.78E, h27km
MOS 25 10:16:50.6-1.1, 67.73N, 142.83E, h10km, mb4.3/11, Error ellipse: s-maj=19.7km s-min=7.6km az=93.3

IDC 25 10:16:51.0-0.6, 67.66N, 142.81E, h10km, mb3.9/15, mbtmp3.9/18, MLC3.2/3, MS3.6/6, Error ellipse: s-maj=17.3km s-min=13.0km az=2.0
YARS 25 10:16:51.5, 67.66N, 142.77E, h2km
NEIC 25 10:16:52.5-1.1, 67.5N, 0.1, 142.8E, 0.3, h10km, 1km, mb4.2/22, Error ellipse: s-maj=26.0km s-min=13.8km az=213.0

ISC 25 10:16:52.7-0.4, 67.64N, 0.003, 142.90E, 0.04, h10km, n95, a178/112, mb4.0/33, MS3.7/6, 4C-9D, Eastern Siberia

Main table for Zalesovo Beam station data, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

Main table for 2017 SEP station data, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

BUI 25 10:21:54.0-0.0, 4.03S, 140.56E, h80km, mb5.0/54, mB5.0/25, Ms4.4/3, Ms7.3/9.5
IDC 25 10:21:59.9, 1.0, 3.47S, 140.10E, h70km, 9km, mb4.3/18, mbtmp4.6/21, MS3.4/4, Error ellipse: s-maj=16.4km s-min=10.4km az=94.0
NEIC 25 10:21:59.9, 1.9, 3.53S, 0.06x140.12E, 0.05, h68km, 4km, mb4.9/77, Error ellipse: s-maj=9.9km s-min=6.9km az=150.0
DJA 25 10:22:01.7-0.3, 4.3S, 141.0E, h77km, 4km, M4.9/37, mb5.1/37, mB5.3/22, MLV5.2/7, Mw(MB)4.8/22, Mw(Mw)4.7/2, Mw(Mw)5.0/2
GCMT 25 10:22:02.9, 0.3, 3.51S, 0.02x139.85E, 0.03, h95km, 5km, MW4.8/63, Moment Tensor Solution, s15.c16; s63.c91; Duration: 0 Moment Tensor Scale 1016Nm; Mw0.43; 10; Mw0.12x11; Mw0.05x4; 11; Mw1.08x0.6; Mw1.66x0.9; Mw0.11x0.7; Best double couple: Me2.04500x1016 NP1.9x9.900000, d79.000000, i34.000000. NP2: e2.000000, s57.000000, i167.000000. Principal axes: T 2.0230, Plg31.0000, Azm326.0000; N 0.0440, Plg55.0000, Azm115.0000; P -2.0660, Plg15.0000, Azm227.0000; nstai refers to body waves, cutoff=40s.

Main table for 25d 10h station data, including columns for Code, Station Name, Az, Phase ID, Time, Res, and ISC.

25d 10h

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like PSA00, Piblara Seismi, CMAA, SBUM, BBOC, etc.

2017 SEP

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like GTA, Gaotai, GOMU, GeErMu, etc.

1832

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like G18K, Tagagawik, E18K, Tagakhearik C, etc.

Table with columns: I/LAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Eielson Array, Chitina, Toolik Lake, etc.

Table with columns: LPAZ, CPUP, Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like La Paz, Villa Florida, Kurchatov Arra, etc.

Table with columns: T35A, MGMO, T42A, TUC, T47A, T47A, CCM, R40A, K5U1, WCI, P38A, P40A, N38A, O49A, L40A, L40A, L42A, L42A, I40A, I40A, SUSD, SPMN, NVAR, AGMN, J08A, ULM, Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sooner Cattle, Mountain Grove, etc.

Table with columns: MATN, Station Name, Time, Res, Pn, Az, Az\*, Phase, ID, ISC, h, m, s, I, S, C, and various numerical values.

Table with columns: Code, Station Name, Az, Az\*, Phase, ID, ISC, Time, Res, h, m, s, I, S, C, and various numerical values.

Table with columns: CING, Station Name, Time, Res, Pn, Az, Az\*, Phase, ID, ISC, h, m, s, I, S, C, and various numerical values.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Cesi-Serrava, AVT-Casa Cati, Poggio Castell, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like MGAB, BRUN, VIRC, AQU, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like mb4.6/46, TAVE, DGTI, etc.

NOU 25 11:47:57.7, 18:01S:178:36W, h557km, mb4.6/37, Fiji Islands Region
NEIC 25 11:47:58.0:1.5, 18:0S:0:1x:178:5W:0:1, h40km:8km,

25d 11h

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like MBWA, MEEK, BLDU, SBA, VYDA, MORW, etc.

2017 SEP

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like KNK, WUJAZ, J18K, U33K, CUT, BMRM, etc.

1836

Table with columns: Station Name, Frequency, Mode, Power, SNR, etc. Includes stations like M31M, DAWY, I26K, F22K, BW06, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like PRZ, KDJ, ANVS, SATY.

SOME 25 11:49:22.9, 41:62N:78:95E, h5km
NNC 25 11:49:22.9, 1.8, 41:56N:79:10E, h0km, mb3.4, mpv3.1,
Error ellipse: s-maj=12.0km s-min=7.5km az=157.0
KRNET 25 11:49:23.9, 0.1, 41:52N:78:86E, h14km, mb2.7
ISC 25 11:49:22.2, 2.1, 41:54N:0:07X-79:5E:0.05, h3km, l=2km,
n43, c0:99/63, 12C-6D, Kyrgyzstan-Xinjiang border
region



25d 13h

2017 SEP

1838

Azm106.0000°: N -0.7952, Plg7.0000°, Azm358.0000°; P -4.8730, Plg22.0000°, Azm265.0000°;
IDC 25 12:24:55.5-1.9, 28.125x71.00W, h66km, 17km, mb3.9/10,
mbmp4.1/15, MS3.5/16 Error ellipse: s-maj=21.3km
s-min=9.9km az=82.0
ISC 25 12:24:50.7-0.9, 28.275x0.003:71.35W,0.05,h30km±6km,
n126,e1547/130,mb4.5/20,MS3.7/13,3C, Near coast of
central Chile

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

Table with columns: ITQB, SIV, AY01, NNA, ITAB, TRCB, BDFB, BDFB, USHA, RPN, PMS, SDV, BAUV, MDP, VNA3, VNA2, SNAAS, SNAAS, SNAAS, SNAAS, TROLL, QSPA, TXAR, TAOE, MNXT, MNXT, S39A, S39A, R40A, R40A, PPT2, PPT2, DBIC, SMCO, SMCO, Q20A, Q20A, RWWY, RWWY, SUR, BSUT, BSUT, KOWA, MAW, MAW, HWUT, HWUT, PDAR, ID10, ID10, HUU, HUU, ELK, TSUM, ULM, HLID, TOAO, TORD, BOSA, BOSA, PLID, CASY, CASY, WRA, BVAR, KURBB, ZALV, MKAR, PZH, IDC 25 13:04:39.0, NEIC 25 13:04:41.5, ISC 25 13:04:40.9.

Table with columns: DZM, PAE, PPT2, PPT2, TVO, URZ, TAOE, TAOE, H11S2, H11S3, H11S1, CTA, H11N3, H11N1, H11N2, WR0, WB0, WB2, WB2, WRAB, WRAB, WRA, WRA, AS31, ASAR, ASAR, ASAR, ASAR, SIJ, VND, DAV, JUN, PFO, YBH, YBH, NVAR, NVAR, KDKA, QSPA, QSPA, P19K, USFK, USAB, USAB, SUA, SUA, GHO, SCM, HLD, K20K, CAST, CTGM, TRF, TRF, J20K, J20K, RND, TXAR, M26K, M26K, Q32M, Q32M, WRH, WRH, MLY, MLY, CCB, CCB, H21K, M29M, M29M, SCRK, COL, MDM, IL31, ILAR, ILAR, IMAR, YHL, PDAR, J25K, J25K, POKR, M30P, M30P, DAWY, DAWY, RWWY, I26K, I26K, I26M, I26M, J30M, J30M, I30M, I30M, BMAR, H29M, H31M, H31M, G29M, G29M.



Table with 5 columns: Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like F28M Old Crow, F28M Yakutsk, etc.

IDC 25 13:13:38.71.9.0.90N.124.17E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=202.2km s-min=26.3km az=63.0
DJA 25 13:14:03.7.0.6.0.N5.5x12.4E.5.1, h193km, 6km, M2.9/8, MLV2.9/8

ISC 25 13:14:02.21.1.0.3N.0.2.123.9E.0.1, h215km, 6km, n8, a157/12, mb3.4/3, Minahassa Peninsula, Sulawesi

Table with 5 columns: Code, Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like KMSI Cibinong, GTOI Gorontalo, MRSI Marisa, etc.

IDC 25 13:17:59.0.5.2.28.63N.142.73E, h0km, mb3.7/6, mbmp3.7/7, ML2.8/1, MS3.1/4, Error ellipse: s-maj=210.7km s-min=21.5km az=74.0
ISC 25 13:18:00.1.5.5.28.7N.0.4.14.3E.1, h10km, n14, d030/7, mb3.8/6, MS3.2/3, Bonin Islands region

Table with 5 columns: Code, Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like MJAR Matsushiro Arr, KSRS Korea Array, H1N2 WAKE ISLAND Hy, etc.

WEL 25 13:39:00.38.24S.178.37E, h18km, ML4.3, Mw4.3
Moment Tensor Solution: M0=1.40; Mw0.45; Mw1.05; Mw2.69; Fault plane solution: M3.03000e+10 N1-; P1.33000e+10 S1; S2.18000e+10 S1; S3.00000e+10 S1; Principal axes: T.288.3900, P1g3.0000, Azm298.0000; N.29.4800, P1g15.0000, Azm187.0000; P.-317.8600, P1g33.0000, Azm87.0000;

IDC 25 13:39:28.7.3.3.38.42S.178.52E, h0km, mb4.7/3, mbmp4.7/3, MS3.4/8 Error ellipse: s-maj=162.7km s-min=38.6km az=169.0

NEIC 25 13:39:32.4.1.7.38.3S.0.06.178.8E.0.2, h29km s11km, mb4.7/18, Error ellipse: s-maj=17.9km s-min=6.5km az=107.0

NOU 25 13:39:34.8.38.22S.178.42E, h35km, MLV4.5/10, Off E. Coast of N. Island, N.Z.

ISC 25 13:39:32.6.0.8.38.33S.0.073.49E.0.05, h23km, 5km, n166, a1933/169, mb4.6/12, MS3.4/9, Off east coast of North Island

Large table with 5 columns: Code, Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like CNGZ Carnagh Statio, PUKETTI Puketiti, TGZG Te Karaka, etc.

Table with 5 columns: Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like MCHZ McNeill Hill, KARZ Kaharoa, etc.

Table with 5 columns: Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like GRRZ Galatros Road, KAHZ Kaharanaki, etc.

SJA 25 13:55:19.0.2.0.32.64S.72.54W, h10km, ML4.6, MW4.5
IDC 25 13:55:23.7.0.6.32.60S.71.67W, h0km, mb4.2/9, mbmp4.1/4, ML4.1/5, MS3.8/18, Error ellipse: s-maj=25.1km s-min=15.9km az=92.0

NEIC 25 13:55:23.8.32.63S.72.18W, h8km, n155, a197/176, mb4.7/20, MS3.9/16, 16C-7D, Near coast of central Chile

Table with 5 columns: Code, Station Name, Azimuth (A°), Azimuth (AZ), Phase ID, Time Res. Includes entries like ROC1 El Roble, ROC2 El Roble, etc.

TOO Tooolangi, EIDS Eidsvold, STKA Stephens Creek, etc.

CTA Charters Tower, CTAO Charters Tower, PPT2 Papeete2, etc.

BO3 Bouchillon, BOO1 Bouchillon, BOO2 Bouchillon, etc.

BOO3 Bouchillon, BOO4 Bouchillon, BOO5 Bouchillon, etc.

BOO6 Bouchillon, BOO7 Bouchillon, BOO8 Bouchillon, etc.

BOO9 Bouchillon, BOO10 Bouchillon, BOO11 Bouchillon, etc.

BOO12 Bouchillon, BOO13 Bouchillon, BOO14 Bouchillon, etc.

BOO15 Bouchillon, BOO16 Bouchillon, BOO17 Bouchillon, etc.

BOO18 Bouchillon, BOO19 Bouchillon, BOO20 Bouchillon, etc.

BOO21 Bouchillon, BOO22 Bouchillon, BOO23 Bouchillon, etc.

BOO24 Bouchillon, BOO25 Bouchillon, BOO26 Bouchillon, etc.

BOO27 Bouchillon, BOO28 Bouchillon, BOO29 Bouchillon, etc.

BOO30 Bouchillon, BOO31 Bouchillon, BOO32 Bouchillon, etc.

BOO33 Bouchillon, BOO34 Bouchillon, BOO35 Bouchillon, etc.

25d 14h

Table with columns: Code, Station Name, Az, El, Pn, S, LR, Time, Res. Includes stations like Panimavida, Coronel Fontan, San Rafael, Las Campanas, Copiap, Juan Fernandez, etc.

2017 SEP

Table with columns: Code, Station Name, Az, El, Pn, S, LR, Time, Res. Includes stations like Albuquerque, Dibico, Sutherland, Clayton Lake, Tsumeb, Kowa, etc.

1840

Table with columns: Code, Station Name, Az, El, Pn, S, LR, Time, Res. Includes stations like Mount Ida, Smith Ranch, Amarillo, Depew, Ozark Folk Cen, etc.

ADC 25 14:12:15.9:0.7, 12:65S:166:93E, h218km,5km, mb4.3/22, mbmp4.8/27, Error ellipse: s-maj=10.2km s-min=6.3km az=123.0

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YATNC, DZM, DZM, DZM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BLDU, MORW, MUN, MYLDM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like L14K, KDKA, O17K, N16K, etc.

25d 14h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H21K Melozitna Rive, GRNC Granite Creek, MAW Mawson, etc.

2017 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like F24K Squaw Lake, SWSC Sam W. Stewart, GRAC Granite Rang, etc.

1842

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, TXAR Lajitas Array, etc.

Station list for 1842 with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes notes like 'Near coast of Oaxaca' and 'Error ellipse'.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DKN5 Dickens, WMOK Wichita, and PEBM Pemiscott.

WEL 25 14:49:16.7-1.2, 36°S±13'±17.8E±1.1, h194km, 19km, M4.0/33, ML4.0/13, ML4.0/33, Error ellipse: s-maj=0.0km s-min=0.0km az=38.9, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists various stations including MXZ Matakaoa Point, HAZ Te Kaha, and WPKZ Waiomatatini S.

TAP 25 14:56:56.5, 24.14N, 121.68E, h31km, ML2.0, 2C-6D, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like ETL Fush Village, NACB Ninganchiao, and TWL Chiawan.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like WJS Zhushan, SX11 Grass Mountain, and ALS Alishan.

JMA 25 14:57:28.4±0.2, 24.2N±0.5, 123.7E±0.5, h16km±1km, MW1.0/8, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like HATJ Hateruma jima, IRIF Iriomote-Funau, and JKRS Kuro-Shima.

NEIC 25 15:07:27.4±2.3, 14.89S±0.09, 167.5E±0.1, h129km, 7km, mb4.6/40, Error ellipse: s-maj=18.8km s-min=13.5km az=83.0

IDC 25 15:07:27.1±2.0, 14.84S±167.44E, h133km, 16km, mb3.9/14, mbtmp4.4/16, MS3.1/4, Error ellipse: s-maj=18.5km s-min=14.5km az=88.0

NOU 25 15:07:27.8, 14.85S±167.53E, h136km, mb4.5/39, Vanuatu Islands

ISC 25 15:07:27.0±0.5, 14.86S±0.06, 167.49E±0.08, h129km, n116, ±1917/123, mb4.5/35, 3C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like RTV Rentapao, LIFNC LIFNC, and KOUNC Koumac.

25d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, BBOO, MULG, MTN, etc.

Station lists for FUNV, TRN, ISC, ZALV, ARCES, FINES, NOA, ESCD, TORD, etc. with coordinates and parameters.

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

2017 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OHH, MINT, ANR, SFK, etc.

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

1844

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1, TWC, ILA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHGB, ESL, WHP, OWD, WUSB, etc.

IDC 25 16:02:32.8, 2.8, 4.97S, 153.30E, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=51.5km s-min=27.8km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT, WRA, ASAR, etc.

WEL 25 16:04:20.0, 0.4, 4.2, S, 3x17.4E, h12km, M3.2/24, ML3.4/13, MLV3.2/24, Error ellipse: s-maj=0.0km s-min=0.0km az=113.2, confirmed

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like m63, BSWZ, KHZ, etc.

IDC 25 16:06:03.5, 1.0, 24.24N, 126.98E, h0km, mb3.8/8, mbtmp3.9/10, ML3.9/2, MS2.7/4, Error ellipse: s-maj=33.6km s-min=16.6km az=82.0

NEIC 25 16:06:03.1, 3.24, 30N, 0.09, 126.87E, 0.05, h26km, 8km, mb4.4/12, Error ellipse: s-maj=13.5km s-min=7.0km az=172.0

JMA 25 16:06:07.4, 0.2, 24.12N, 127.12E, h99km, 4km, MV3.3/35, NEAR MIYAKOJIMA ISLAND

ISC 25 16:06:02.3, 2.6, 24.16N, 126.88E, 0.04, h3km, 16km, n74, az=05/99, mb4.2/13, Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JOGS, JMUJ, JKE, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWGBT, TWG, TPUB, etc.

KRSC 25 16:14:13.4, 1.7, 53.88N, 168.55E, h30km, 30km, MI3.6, Komandorsky Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKZ, TUMD, KZV, etc.

IDC 25 16:29:26.4, 2.9, 15.21N, 94.46W, h0km, mb3.8/5, mbtmp3.8/5, ML5.8/1, MS3.4/6, Error ellipse: s-maj=84.6km s-min=40.8km az=168.0

NEIC 25 16:29:31.2, 1.4, 15.47N, 0.06, 94.65W, 0.04, h28km, 6km, mb4.6/27, Md4.5/7(MEX), Error ellipse: s-maj=9.1km s-min=4.6km az=198.0

MEX 25 16:29:32.0, 0.9, 15.17N, 94.65W, h16km, 18km, MD4.5

ISC 25 16:29:31.2, 0.7, 15.37N, 0.08, 94.66W, 0.04, h35km, n56, mb4.5/20, MS3.1/5, Near coast of Oaxaca

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCIG, HUEH, HUIG, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details. Includes stations like ASAR Alice Springs, KLR Kul'dur, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, KNRA Kununurra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details. Includes stations like PDSI Padang, BTDF Bukit Timah Da, ABJI Aseng Bagus, etc.

MOS 25 18:10:41.4, 1.1, 5.74S; m165°35E, h155km, mb4.8/45, Error ellipse: s-maj=9.5km s-min=5.0km az=11.7
BUJ 25 18:10:42.0, 0.0, 6.10S; 106°30E, h164km, mb4.8/66, mb4.7/34
DJA 25 18:10:42.2, 0.1, 6.5S; 3.3°10'E, h162km, Mb, M4/49, mb5.1/49, mb5.3/36, MLV5.3/30, Mw(mB)4.7/36, Mw(mw)4.8/2, Mw(m)5.1/2
IDC 25 18:10:43.4, 0.4, 5.83S; 106°41E, h160km, 3km, mb4.5/37, mb(m)5.0/39, Mb3.5/8, Error ellipse: s-maj=9.6km s-min=5.8km az=48.0
NEIC 25 18:10:43.2, 2.3, 5.93S; 0.08°106°39E, h150km, 5km, mb5.1/73, Error ellipse: s-maj=13.6km s-min=8.7km az=22.0
GCMT 25 18:10:45.2, 0.4, 6.12S; 0.02°106°27E, h162km, 4km, MW4.9/84, Moment Tensor Solution. s20,c20; s84,c111; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.06±.11; Mw=1.10±.12; Mw=1.16±.14; Mw=1.47±.08; Mw=0.96±.10; Mw=1.35±.08; Best double couple: Mo2.43300x10^16 Np1.3x121.00000°, 889.00000°, -1.26.00000°. NP2: 6x30.00000°, 836.00000°, 1.1.00000°. Principal axes: T 2°50, Plg34.0000°, Azm241.0000°; N: 0.5890. Plg36.0000°, Azm121.0000°; P: -2.1410, Plg35.0000°, Azm30.0000°; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details. Includes stations like Code Station Name, Az, Phase ID, Time Res, etc.



Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like MZR Muzera, VOI Vohitsoka, JKA Kamikawa-asahi, etc.

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like ARU Arti, PET Petropavlovsk, AKH Akhalkalaki, etc.

Table with columns for station call letters, station name, frequency, and other technical details. Includes stations like SMG Samos, IDI Anoyia, AKASG Malin Array B, etc.





25d 19h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BMO, MPMC, CCAC, LRMIC, FURC, WCT, MFD, EDW2, D08A, E09A, ELK, TPNV, QSM, R11B, GWY, B06A, F10A, S11A, PLID, G5C, G5C, BFC5, PRN, SC12, TUQ, SHPR, HEC, WTNK, GMRC, V12A, NEW, BGU, PFO, PFO, PFO, BCUY, DUG, DUG, CCUT, SZCU, MONP2, IRM, LCMT, BC37, NLU, CBX, MSO, MSO, KNB, INK, W13M, B13M, PKCU, PDMCI, BBB, GLA, U15A, BOZ, SRU, H17A, WUAZ, WUAZ, BW06, PDAR, PDAR, X16A, RLMT, 214A, O20A, EGMF, W18A, W18A, X18A, MVCO, TUC, TUC, S22A, EDM, N23A, DUN6, ISCO, T35M, 319A, Q24A, SDCO, SDCO, ANMO, ANMO, ANMO, 121A, DLBC, DLBC, DLBC, KSCO, R33M, R33M, MNTX, MNTX, MNTX.

2017 SEP

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like P33M, 425A, 425A, MSTX, MSTX, P29M, AMTX, WHY, CBKS, O30N, O29M, TGNT, ODSA, ODSA, ALPN, ALPN, HYT, YUK6, N31M, BGNE, O28M, TXAR, TXAR, FFC, FFC, YUK4, YUK6, CTG, CTG, SAND, ECSD, ECSD, ECSD, YUK3, O30A, O30A, WMOK, WMOK, M29M, MCAR, YKA, AGMM, L29M, M27K, N25K, KDAK, ULM, ULM, SII, T35A, M26K, KLU, DRIO, DRIO, K29M, BRDY, L27K, R18K, HARP, SCM, M23K, SML, K27K, O20K, H06N1, H06E1, I30M, SUA, SUA, DHY, WAT1, J26L, I28M, SKT, J25K, J25K, I26K, I26K, H29M, M20K, ILAR, ILAR, ILAR, WRH, CCB.

1852

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like M19K, L19K, L19K, I23K, K20K, H25L, H24K, L18K, MLY, MLY, INK, H23K, J20K, G24K, L16K, H22K, H21K, G23K, H20K, G21K, E24K, TKL, SADO, RES, TEIG, FRB, SHEM, SCHO, SFJD, TAOE, PETK, SEY, MA2, SDV, H11N3, H11N2, H11N1, SPITS, H11S1, H11S2, H11S3, BORG, MEH, TIAR, PPT, PPT2, NOA, MDP, HFS, SONM, ZALV, H03N3, H03N1, H03N2, BVAR, KURBB, DZM, IDC 25 19:42:37.6, IDC 25 19:42:39.2, Code Station Name, A, AZ, Phase ID, Time Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SKHL 25 19:45:24.3, etc.

TAP 25:20:05:28.4, 25:33N; 122:32E, h217km, ML2.7, C
JMA 25:20:05:30.0, 0.3, 25°N; 122°E, 0.7, h199km, 3km,
MV2/3/13, TAIWAN REGION

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCYT Pengchayiu, FUSB Fushanzhiwuyua, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, WUSB Renai, WCS Beigang Elemen, etc.

NEIC 25:20:08:23.5, 1.5, 5.88S; 0.07x107.73E; 0.10, h307km, 6km,
mb4.2/32, Error ellipse: s-maj=14.1km s-min=9.9km
az=85.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCIJ Jatiwangi, LEM Lembang, WRA Warramunga Arr, etc.

ISC 25:20:08:23.8, 0.4, 5.91S; 0.06x107.80E; 0.05, h317km, n95,
az=115/107, mb4.0/33, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GIRL Giralra, KNRA Kunurrua, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GOMU GeErMu, GTA Gaotai, KSRS Korea Array, etc.

NEIC 25:20:14:15.8, 0.8, 36.42N; 0.05; 99.19W; 0.06, h14km, 6km,
Error ellipse: s-maj=9.2km s-min=4.4km az=144.0

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

NEIC 25:20:14:16.5, 0.4, 36.41N; 0.04; 99.15W; 0.06, h6km, 4km,
ML2.5, mb1.3/3, ML2.6/NEIC, ML2.6/NEIC, Error ellipse:
s-maj=3.3km s-min=3.1km az=120.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like U32A Winter Ranch, U32A U32A, NOKA Waynoka, etc.





1855

Table with columns for station codes (e.g., PSA00, PSAA0), station names (e.g., Pilbara Seismi), and various numerical data points including coordinates and signal strength.

2017 SEP

Table with columns for station codes (e.g., MJAR, MAJO), station names (e.g., Matushiro, Matsuhiro), and various numerical data points including coordinates and signal strength.

25d 20h

Table with columns for station codes (e.g., HHU, HHU), station names (e.g., Hamhung, Pyongyang), and various numerical data points including coordinates and signal strength.

25d 20h

2017 SEP

1856

Table with columns for flight codes (LYN, KCSI, UGL, etc.), destinations (Kotacane, Aceh, Uglegorsk, etc.), times, and status indicators (P, S, Pmax, etc.).

Table with columns for flight codes (KLR, CM31, CMAR, etc.), destinations (Kul'dur, Chiang Mai Arr, etc.), times, and status indicators (P, S, Pmax, etc.).

Table with columns for flight codes (MND, LZH, etc.), destinations (Lanzhou, etc.), times, and status indicators (P, S, Pmax, etc.).

Table with columns: YAK, comp, smax, smax, and various numerical values. Rows include locations like GVK, ZAK, FALS, BOD, TAPN, etc.

Table with columns: YAK, comp, smax, smax, and various numerical values. Rows include locations like P17K, O17K, K15K, M16K, etc.

Table with columns: YAK, comp, smax, smax, and various numerical values. Rows include locations like HOM, L19K, L19K, H17K, M19K, etc.

25d 20h

2017 SEP

1858

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like CUT, PMR, PMR, PMR, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like I23K, I23K, N25K, N25K, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like SCRK, SCRK, MAW, MAW, etc.

Table with columns: Station, Azimuth, Elevation, Status, Date, and Time. Includes stations like Pleasant Camp, Ospenovka, Kandik River, Sheenjek River, Somme Creek, Dawson Inlet, Killisnoo, Dawson, Aishikik Lake, Steamboat Moun, Almayashu, Craig, Bhuj, Erkin-Say, L29M, SKAG, SKAG, R32K, O30N, O30N, G27K, U33K, U33K, HG4B, I28M, I28M, BTL5, BTL5, M30M, T33K, C26K, J29N, N31M, N31M, K29M, K29M, WHY, WHY, E27K, E27K, V35K, V35K, I29M, I29M, P32M, P32M, F28M, F28M, H29M, H29M, NRIK, NRIK, NRIK, NRIK.

Table with columns: Station, Azimuth, Elevation, Status, Date, and Time. Includes stations like NRIK, Mayo, Hart River, Hart River, GrnB, M31M, M31M, D27M, D27M, Q32M, Q32M, G29M, G29M, P33M, P33M, I30M, I30M, E28M, E28M, N32M, N32M, BTK, BTK, S34M, S34M, S34M, S34M, EPYK, EPYK, FARO, FARO, T35M, T35M, T35M, T35M, BBB, BBB, E29M, E29M, OTUK, OTUK, D28M, D28M, R33M, R33M, R33M, R33M, G30M, G30M, G30M, G30M, KBL, KBL, KBL, KBL, DLBC, DLBC, DLBC, DLBC, KK31, KK31, KK31, KK31, H31M, H31M, KMPM, KMPM, F30M, F30M, IUG, IUG, JCC, JCC, KRPM, KRPM, KBO, KBO, KEBM, KEBM, KMRR, KMRR, KCPM, KCPM, KRMB, KRMB, MMPY, MMPY, MMPY, MMPY, G31M, G31M, G31M, G31M, KSBX, KSBX, CHM, CHM, CHM, CHM, J01E, J01E, J01E, J01E, HOPS, HOPS.

Table with columns: Station, Azimuth, Elevation, Status, Date, and Time. Includes stations like L02F, F31M, F31M, GDXM, GDXM, WTLY, WTLY, C03A, C03A, HEB0, HEB0, INK, INK, INK, INK, INK, INK, DBO, DBO, I03D, I03D, I03D, I03D, YBH, YBH, NLWA, NLWA, NLWA, NLWA, CLRS, CLRS, G03D, G03D, BUCK, BUCK, TGNT, TGNT, SAO, SAO, B04A, B04A, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, BBGB, BBGB, ORV, ORV, PMPB, PMPB, GNW, GNW, H04A, H04A, F04A, F04A, F04A, F04A, LIRD, LIRD, K04D, K04D, HOOD, HOOD, HOOD, HOOD, D05A, D05A, SMMC, SMMC, CMB, CMB, LON, LON, I05D, I05D, PKM, PKM, SBC, SBC, SC2Z, SC2Z, SNCC, SNCC, SNCC, SNCC, K05A, K05A, K05A, K05A, PINE, PINE, BCW, BCW, B06A, B06A, LLLB, LLLB, VOG, VOG, KOTAN, KOTAN, G06A, G06A, G06A, G06A, PNTR, PNTR, YES, YES, LTY, LTY, LTY, LTY, ARVC, ARVC, SC1Z, SC1Z, OSI, OSI, PAHR, PAHR, PAHR, PAHR, MDPB, MDPB, OMMB, OMMB, MLAC, MLAC.

25d 20h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FMP Fort Macarthur, DECC Green Verdugo, F07A Phinn Hill Vi, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like S11A IAMS\_20, R11B Troy Canyon, IRM Iron Mountain, etc.

1860

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YHL Hebgren Lake, YHL Hata Dubai, HATD Masafi, etc.

1861

Table with columns for station code, name, frequency, and signal strength. Includes stations like Ogallala, Andersono, Madcock, Klimovskoe, etc.

2017 SEP

Table with columns for station code, name, frequency, and signal strength. Includes stations like Parkersburg, Joes South For, FINES, etc.

25d 20h

Table with columns for station code, name, frequency, and signal strength. Includes stations like Kilima Mbogo, Cape Girardeau, Mainin Array B, etc.





Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CKRC, OHR, CLZ, GUNZ, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PKME, BUG, LESA, LEYA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CPUP, SDV, ALGR, ETMB, etc.

Table with columns for PICO, PCDAN, RIDERINHA, etc. and their corresponding parameters like Az, Az', Phase ID, Time Res, etc.

Table with columns for TOR, TOR, TOR, etc. and their corresponding parameters like Az, Az', Phase ID, Time Res, etc.

NEIC 25 20:31:21.9,3,0,32.17N,0.03:115.21W:0.03, h17km,5km, Error ellipse: s-maj=4.5km s-min=3.5km az=163.0, ANF 25 20:31:22.2,1.2,32.26N,115.23W,h17km,8km,ML2,8/11, Error ellipse: s-maj=6.7km s-min=3.1km az=149.0, PAS 25 20:31:23.3,2.3,32.22N,115.22W,0.03,h20km,7km, ML3,1/154,ML2,9/50(NEIC), Error ellipse: s-maj=5.0km s-min=3.7km az=159.0, ECX 25 20:31:24.1,0.6,32.22N:115.27W,h16km,4km,MD3.0, ML3.2, Fault plane solution: Np1,phi33.00000, s88.00000, lambda-2.00000, MEX 25 20:31:24.2,0.9,32.37N,115.11W,h34km,8km,MD3.8 ISC 25 20:31:22.7,0.9,32.21N,0.02:115.26W:0.02,h20km,1km, n89, c0927/118,9C-4D, California-Baja California border region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, etc. for stations like Rio Hardy, Guadalupe Vict, Guadalupe Vict, etc.

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, etc. for stations like UABC, Campus M, East Mesa, etc.

Table with columns for IKS, SWCS, SWCS, etc. and their corresponding parameters like Time Res, etc.

Table with columns for SLH, DUA, MOHAWK VALLEY, etc. and their corresponding parameters like Time Res, etc.

Table with columns for BC3, BLYC, BLYC, etc. and their corresponding parameters like Time Res, etc.

Table with columns for PIX, 109C, 109C, etc. and their corresponding parameters like Time Res, etc.

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

Table with columns for LBMI, LUWI, SAKI, SANTI, etc. and their corresponding parameters like Time Res, etc.

Table with columns for CMA, WRA, ASAR, SHL, SHL, etc. and their corresponding parameters like Time Res, etc.

Table with columns for ARU, ARU, ARU, etc. and their corresponding parameters like Time Res, etc.

Table with columns for YURE, CEYT, RHAN, RHAN, etc. and their corresponding parameters like Time Res, etc.

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, etc. for stations like GAZ, GAZ, GAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARG Kargiacik-Mersi, IKL Isikli, TISA Tisan-Mersin, etc.

OMAN 25:21:38.45:2.1.6,27.63N:63.92E,h10km,mb4.7/7, ms3.0/2, Error ellipse: s-maj=16.4km s-min=13.4km az=6.0, Southwestern Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JASK Jask - Hormozg, WSAR Wadi Sarin, WSAR SNR=24, etc.

IDC 25:21:39:29.9:6.7,6.21S:147.88E,h117km,63km,mb3.7/1, mbmtpp3.9/3, Error ellipse: s-maj=117.3km s-min=53.1km az=118.0, Eastern New Guinea region

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

TORD Torodi Ar. Bea 145.928 4.6 PkPbc PKPdf 21 58 56.6 +0.5

3.4nm,0.5s 0.4nm,0.7s,baz=73,slow=3.5,SNR=4

IDC 25:21:41:55.6:3.6,5.99S:152.77E,h0km,mb3.3/2, mbmtpp3.3/2, Error ellipse: s-maj=83.6km s-min=23.9km az=90.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, ASAR Alice Springs, etc.

TORD Torodi Ar. Bea 150.622 8.6 PkPbc PKPdf 22 01 49.7 -1.1

0.5nm,0.6s,baz=77,slow=4.0,SNR=2.8

MOS 25:21:46:23.8:0.0,42.50N:45.37E,h9km,MPVA3.4

NORS 25:21:46:25.1:0.0,42.48N:45.37E,h11km,MPVA3.6 DRS 25:21:46:25.9:0.0,42.55N:45.37E,h14km

ISF 25:21:46:25.2:1.0,42.54N:0.02:45.34E:0.01,h7km,8km, n43,0993/86, Eastern Caucasus

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHTL Shatili, GUDG Gudauri, BTLR Botlikh, etc.

NEIC 25:22:00:2.2:2.3, 19.6S:0.1:177.5W:0.1,h546km,8km, mb4.3/29, Error ellipse: s-maj=22.6km s-min=17.7km az=143.0

IDC 25:22:00:03.3:1.9, 19.58S:177.57W,h565km,19km, mb3.7/14, mbmtpp4.6/17, Error ellipse: s-maj=20.3km s-min=15.6km az=141.0

NOU 25:22:00:03.7:19.39S:177.49W,h580km,mb4.5/13, Fiji Islands Region

ISF 25:22:00:02.0:0.4, 19.52S:0.08:177.49W:0.08,h550km, n223,0123/123,mb4.3/28,8C-5D, Fiji Islands region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LKBA Tabou, Lakemba, DGTI Dogotuki, MSVF Nonsavu, etc.

25d 22h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BURAR Bucovina Array, BR131 Keskin Array B, etc.

BUI 25:22:06:57.0, 0.0, 2.1N, 124.62E, h223km, mb4.7/67, mB4.6/33
NEIC 25:22:07:03.5, 1.8, 0.82N, 0.06x124.33E, 0.02, h220km, 6km, mB5.0/188, Error ellipse: s-maj=9.5km s-min=2.1km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KMSI Cibinong, GTOI Gorontalo, etc.

2017 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TGY 03rayray City, BLJI Banyulugur, etc.

1866

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FORT Forrest, BLDU Ballidu, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like MSHR, MCGCD, JTM, LSA, CAN, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like SATY, ZHN, KPKS, MAKZ, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like BRVK, ATK, UNV, etc.

25d 22h

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like R17K Ugashik Creek, C18K Utukok River, N17K Nushagak Hills, etc.

2012 SEP

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like F22K John River, SUA Susitna One, SUA Susitna One, etc.

1868

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like TGL Tana Glacier, QSPA South Pole Qui, QSPA South Pole Qui, etc.



25d 23h

Table with 7 columns: WHO, PEIG, PEIG, Vista Hermosa, Puerto Escondi, 1.68 297, 1.92 261, Pn, Sn, 22 35 33.3, 22 35 37.7, -3.9, -2.7, -1.3

Table with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, H08S3, H08S2, H08S1, MKAR, SONM, KURBB, WRA, ASAR, H04N2, H04N1, H04N3

IDC 25 22:41:13.5-3.0, 12.71N:92:31E, h0km, mb3.4/5, mbtmp3.4/5, Error ellipse: s-maj=128.9km s-min=24.5km az=64.0, Andaman Islands region

IDC 25 22:52:52.8-3.3, 36:43N:71:01E, h244km, 27km, mb3.4/6, mbtmp4.0/13, Error ellipse: s-maj=40.6km s-min=19.7km az=142.0

NNC 25 22:52:59.9-3.5, 37:10N:70:78E, h238km, 45km, mb2.5, mp3.2, Error ellipse: s-maj=36.7km s-min=25.9km az=179.0

ISC 25 22:52:54.9-0.8, 36.73N:0:07:70.91E, h250km, n31, i=130/33, mb3.6/6, 4C-2D, Hindu Kush region

Main table for 25d 23h with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, AML, AML, KK31, KK31, AAK, AAK, TKM2, TKM2, GEYT, MKAR, MKAR, PYUN, PYUN, DANM, KOLN, GKN, AB31, KURBB, KKN, PKIN, PKI, GUN, JIRN, BVAR, RAMN, AKTO, AKTO, TAPN, ODAN, ZALV, ARU, FINES, ARCES, HFS, NB2, NOA, TORD

IDC 25 22:59:39.3-1.0, 10:34S:116:05E, h0km, mb4.1/11, mbtmp4.2/12, ML3.6/1, MS3.3/5, Error ellipse: s-maj=35.4km s-min=17.1km az=51.0

DJA 25 22:59:40.5-1.2, 11:21S:7:11:66E, h15km, 13km, M4.5/13, mb4.6/7, mB4.7/1, MLV4.4/13, Mw(mB)3.9/1, NEIC 25 22:59:44.2-2.2, 10:67S:0:06:115:85E:0.09, h40km, 7km, mb4.3/17, Error ellipse: s-maj=12.7km s-min=7.6km az=106.0

Table with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, IGBI, TWSI, DNP, PLAI, PLAI, JAGI, JAGI, JAGI, ABJI, ABJI, GMJG, BLJI, UGM, UGM, UGM, BKSI, KAPI, KAPI, KAPI

2017 SEP

Table with 7 columns: KAPI, KAPI, baz=215, slow=22, LR, LR, 23 02 32.0, -2.4

Table with 7 columns: BATI, KPJI, MBWA, MBWA, PSA00, PSA00, GRL, GRL, GRL, MTN, MEEK, MEEK, FAKI, FAKI, SIJI, MORW, MORW, WB0, WRA, WB2, DAV, ASAR, NWA0, FORT, STKA, STKA, CMAR, CRAI, CRAI, SHL, SHL, H08S3, H08S1, KRSR, MJAR, SONM, HEH, MK31, MK31, MKAR, BTK, BTK, KURBB, KURK, ZAA0, ZAA0, ZALV, PETK, BVAR, BRVK, ABKAR, ABKAR, SNAZ

IDC 25 23:16:41.9-2.6, 4.82S:130:39E, h0km, mb3.4/1, mbtmp3.3/3, ML3.3/2, Error ellipse: s-maj=170.6km s-min=30.9km az=71.0, Banda Sea

Main table for 2017 SEP with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, WRA, WRA, ASAR, ASAR, MKAR, KRSC, KRSC, KRSC, MKZ, MKZ, MKR, MKR, TUMD, KZV, KZV, BDR, TUMR, TUMR, KII, NLC, SDLR, UGLR, SMAR, KRER, AVH, AVH, KRX, KRX, KNL, KNL, GOK, GOK, MTRV, GRL, GRL, ASAK, KDRTR, KDRTR

IDC 25 23:48:35.1-1.1, 0.36:40N:71:35E, h266km, 144km, mb3.0/5, mbtmp3.5/9, Error ellipse: s-maj=86.9km s-min=45.3km az=92.0

NNC 25 23:48:38.2-2.4, 37:05N:71:03E, h205km, 35km, mb2.4, mp3.2, Error ellipse: s-maj=25.0km s-min=21.0km az=172.0

ISC 25 23:48:31.3-1.8, 36.6N:0:1:70.9E:0.1, h188km, n14, i=179/17, mb3.4/5, 3C-4D, Hindu Kush region

Table with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, AML, AML, KK31, KK31, TKM2, TKM2, MKAR, AB31, KURBB, BVAR, AKTO, ZALV, FINES, ARCES, HFS, NOA, TORD

NAO 25 23:57:28.6-2.1, 79:83N:3:45E, ML4.4, BER 25 23:57:30.1-3.0, 79:75N:3:39E, h205km, mb(PN)4.1, ML4.4(NAO), Confirmed Earthquake

IDC 25 23:57:30.7-0.7, 79:69N:3:24E, h0km, mb3.9/19, mbtmp4.0/24, ML3.2/4, MS3.4/8, Error ellipse: s-maj=15.6km s-min=12.8km az=87.0

NEIC 25 23:57:31.6-1.6, 79:57N:0:09:3:8E:0.3, h10km, 1km, mb4.5/72, Error ellipse: s-maj=15.6km s-min=9.7km az=14.0

MOS 25 23:57:32.0-1.3, 79:45N:3:31E, h21km, mb4.6/36, Error ellipse: s-maj=34.6km s-min=6.3km az=94.7

DNK 25 23:57:32.4-2.8, 79:66N:3:51E, h36km, 27km, ML2.9, KOLA 25 23:57:34.0, 79:43N:4:97E, h0km, ML3.0, Greenland sea, Knipovich ridge, north

IEPN 25 23:57:35.0, 79:33N:4:34E, h10km, n266, 2843/273, mb4.4/73, MS3.6/44, 21C-2D, Greenland Sea

Table with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS

1870

Table with 7 columns: HUH, HUH, ALEP, ALEP, MWH, MWH, MWH, MWH, MLOA, MLOA, MLOA, KHU, KHU, KHU, KHU, HHM, HHM, HHM, POHA, POHA, POHA, AIN, AIN, AIN, AIN, MLH, MLH, MLH, MLH, HTC, HTC, WRMH, WRMH, UWE, UWE, SDHH, SDHH, OBL, OBL, RSD, RSD, RSD, RSD, UWB, UWB, UWB, HPAH, HPAH, RIM, RIM, RIM, RIM, SBLH, SBLH, SBLH, HLP, HLP, HLP, HLP, HATHI, HATHI, HATHI, HATHI, PUH, PUH

Main table for 1870 with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, HUH, ALEP, MWH, MWH, MLOA, MLOA, KHU, KHU, KHU, KHU, HHM, HHM, HHM, POHA, POHA, POHA, AIN, AIN, AIN, AIN, MLH, MLH, MLH, MLH, HTC, HTC, WRMH, WRMH, UWE, UWE, SDHH, SDHH, OBL, OBL, RSD, RSD, RSD, RSD, UWB, UWB, UWB, HPAH, HPAH, RIM, RIM, RIM, RIM, SBLH, SBLH, SBLH, HLP, HLP, HLP, HLP, HATHI, HATHI, HATHI, HATHI, PUH, PUH

IDC 25 23:48:35.1-1.1, 0.36:40N:71:35E, h266km, 144km, mb3.0/5, mbtmp3.5/9, Error ellipse: s-maj=86.9km s-min=45.3km az=92.0

NNC 25 23:48:38.2-2.4, 37:05N:71:03E, h205km, 35km, mb2.4, mp3.2, Error ellipse: s-maj=25.0km s-min=21.0km az=172.0

ISC 25 23:48:31.3-1.8, 36.6N:0:1:70.9E:0.1, h188km, n14, i=179/17, mb3.4/5, 3C-4D, Hindu Kush region

Main table for 1870 with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, AML, AML, KK31, KK31, TKM2, TKM2, MKAR, AB31, KURBB, BVAR, AKTO, ZALV, FINES, ARCES, HFS, NOA, TORD

NAO 25 23:57:28.6-2.1, 79:83N:3:45E, ML4.4, BER 25 23:57:30.1-3.0, 79:75N:3:39E, h205km, mb(PN)4.1, ML4.4(NAO), Confirmed Earthquake

IDC 25 23:57:30.7-0.7, 79:69N:3:24E, h0km, mb3.9/19, mbtmp4.0/24, ML3.2/4, MS3.4/8, Error ellipse: s-maj=15.6km s-min=12.8km az=87.0

NEIC 25 23:57:31.6-1.6, 79:57N:0:09:3:8E:0.3, h10km, 1km, mb4.5/72, Error ellipse: s-maj=15.6km s-min=9.7km az=14.0

MOS 25 23:57:32.0-1.3, 79:45N:3:31E, h21km, mb4.6/36, Error ellipse: s-maj=34.6km s-min=6.3km az=94.7

DNK 25 23:57:32.4-2.8, 79:66N:3:51E, h36km, 27km, ML2.9, KOLA 25 23:57:34.0, 79:43N:4:97E, h0km, ML3.0, Greenland sea, Knipovich ridge, north

IEPN 25 23:57:35.0, 79:33N:4:34E, h10km, n266, 2843/273, mb4.4/73, MS3.6/44, 21C-2D, Greenland Sea

Table with 7 columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, Time Res, ISC, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS, KBS



1871

Table with columns: Station, Frequency, Mode, Power, Time, etc. Includes stations like Kingsbay, Spitsbergen Ar, and various other locations.

2017 SEP

Table with columns: Station, Frequency, Mode, Power, Time, etc. Includes stations like NORA, FIAO, HFS, and various other locations.

25d 23h

Table with columns: Station, Frequency, Mode, Power, Time, etc. Includes stations like I23K, MDM, ILAR, and various other locations.

2017 SEP

26d 1h

Table of station data for 26d 1h, including columns for code, station name, frequency, and various parameters like SNR and error ellipse.

Table of NEIC station data, including station codes, names, and coordinates.

Table of station data (SWI to SWI), including columns for code, station name, frequency, and various parameters like SNR and error ellipse.

Table of NEIC station data (NEIC 26:00:54.143.3.1.5...), including station codes, names, and coordinates.

Table of station data (CANA to CANA), including columns for code, station name, frequency, and various parameters like SNR and error ellipse.

1872

Table of station data (MT09 to LPAZ), including columns for code, station name, frequency, and various parameters like SNR and error ellipse.

Table of station data (Code to Code), including columns for code, station name, frequency, and various parameters like SNR and error ellipse.

Table of NEIC station data (NEIC 26:01:17.37.2.2.4...), including station codes, names, and coordinates.

Table of station data (CAN12 to CAN12), including columns for code, station name, frequency, and various parameters like SNR and error ellipse.





Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FARO, K29M, K29M, H25L, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LZH, PLCA, LAO, VNA1, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WPS, WLF1, YRC, etc.



Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KTBS, SFK, SFK, KOTS, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDC 26 02:10:53.0, 2.2, 6.06S, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JKA, KAMIKAWA-ASAH, ASAJ, etc.

26d 3h

Table with columns: Station Name, Frequency, Power, Phase, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KVN Kaisersville, NVAR Mina Array Bea, NOA NORARS Array B, etc.

DJA 26 03:36:39.8,0.4,5 S,4.13 OE, h70km,6km, M4,7/13, mb5.5/1, mB6.2/1, MLV4.2/13, Mw(m)5.9/1, IDC 26 03:36:42.3,1.2,4.16S,130.08E, h0km, mb4.0/5, mbmp4.0/8, ML3.9/3, MS3.1/1, Error ellipse: s-maj=40.3km s-min=21.9km az=87.0

ISC 26 03:36:46.8,0.7,4.23S,0.05,129.88E,0.96,h35km,n18, a197/21,mb4.0/6,Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BNDI Bandanaira, FAKI Fak Fak, etc.

ASAR Alice Springs 19.72 169 P Pn 03 41 14.8 -0.2

ASAR 0.3nm,0.6s,baz=359,slow=28,SNR=1.6

JNU Nakatsu 37.16 1 LR LR 03 59 54.5

CMAR Chiang Mai Arr 37.91 307 P P 03 44 02.9 +1.9

MJAR Matushiro Arr 41.30 10 P P 03 44 28.4 -0.5

SOMN Songino Array 55.79 341 P P 03 46 21.7 +1.2

MKAR Makanchi Array 65.86 326 P P 03 47 30.1 +1.2

KURBB Kurchatov Arr 70.10 328 P P 03 47 56.1 +0.7

BVAR Borovoye Array 75.67 328 P P 03 48 29.9 +1.6

IPEC 26 03:49:08.3,0.2,51.55N,16.22E, h0km, ML2.4/4, Error ellipse: s-maj=1.8km s-min=1.1km az=43.0

DNK 26 03:49:09.2,2.3,51.62N,17.11E, h43km,29km, ML2.3

VIE 26 03:49:10.4,0.8,51.35N,15.74E, h0km, mb2.4/6, ml2.5/7, Error ellipse: s-maj=5.7km s-min=4.2km az=158.0

PRU 26 03:49:10.0,51.49N,16.13E, h0km

ISC 26 03:49:07.2,0.8,51.59N,0.03,16.12E, h0km, n41, a132/85, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Phase, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KRUC Moravsky, KRUC Moravsky, KRUC Moravsky, etc.

IDC 26 03:54:29.7,0.7,29.03N,128.11E, h197km,7km, mb3.7/18, mbmp4.2/23, MS3.0/1, Error ellipse: s-maj=14.7km s-min=8.9km az=84.0

NEIC 26 03:54:30.8,1.1,28.97N,109.128E,3.0,1, h205km,9km, mb4.5/55, Error ellipse: s-maj=14.0km s-min=12.3km az=132.0

JMA 26 03:54:30.7,0.2,29.1N,128.8E, h204km,3km, MD4.2/36, MW4.4/36, NW OFF ANAMI-OOSHIMA IS

NIED 26 03:54:30.7,29.01N,128.21E, h204km, MW4.4, Moment Tensor Solution, s3, Moment tensor: Scale 10^15Nm; Mw=3.92; Mw0.37; Mw3.32; Mw=1.05; Mw=0.85; Fault plane solution: M4, 1100x1015 Np1: 0.355,00000; 0.51,00000; -1.75,00000. NP2: 0.152,00000; 0.42,00000; -1.108,00000

ISC 26 03:54:30.8,0.5,28.97N,10.04,128.30E,0.05, h209km,5km, n132, a0993/152, mb4.4/45, 1C-1D, Ryukyu Islands

Code Station Name Azimuth Elevation Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JTAJ Takarajima, JAMN Amaminishikomi, JAMN Amaminishikomi, etc.

1878

Table with columns: Station Name, Frequency, Power, Phase, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MJAR Matushiro Arr, JMM Marumori, HJNT HongShan, etc.



1879

Table with columns: WTLY, Watson Lake, Y, 71.39 31 P, P, 04 05 28.7 +0.8, etc. Includes various station codes and coordinates.

Code Station Name Az Phase ID Time Res ISC h m s ISC
CMAR Chiang Mai Arr 8.4 163 Op Pn 04 12 27.4 +0.3

MOS 26 04:19:57.0-0.8, 23:59:53:176:795W, h83km, mb6.3/46, MS5.7/19, Error ellipse: s-maj=7.7km s-min=6.5km az=99.2

BUI 26 04:19:59.0-0.0, 23:22:53:176:74W, h95km, mb6.0/82, mB6.4/79

NEIC 26 04:20:00.9-0.5, 23:63:53:176:95W, h104km, 3km, mb5.8/35, mbmp6.1/36, MS5.5/9, Error ellipse: s-maj=9.7km s-min=9.4km az=173.0

NEIC 26 04:20:00.2-0.3, 23:58:50:07:176:84W, h90, h96km, 1km, mb6.2/709, Mwb6.4/95, Mww6.4/46, Error ellipse: s-maj=13.5km s-min=11.5km az=114.0, Moment Tensor Solution...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

NEIC 26 04:20:01.1, 23:70:5:176:39W, h120km, Moment Tensor Solution: Duration: 788 Moment tensor: Scale 10^18Nm...

2017 SEP

Table with columns: YSA, Yasawairara, 8.70 322 P, Pn, 04 22 08.3 +4.7, etc. Includes various station codes and coordinates.

Code Station Name Az Phase ID Time Res ISC h m s ISC
OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

OMRZ Omara 15.46 200 Pn 04 23 34.9 -0.2

26d 2h

Table with columns: MLZ, Mavora Lakes, 24.80 206 P, P, 04 25 10.8 -2.0, etc. Includes various station codes and coordinates.

Code Station Name Az Phase ID Time Res ISC h m s ISC
MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6

MEH Mehetia 26.53 83 eP P 04 25 35.1 -2.6



Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes call signs like GMJI, BLJI, BKBI, MYLDM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes call signs like YOJ, GSTR, YUK, ATKA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes call signs like PET, PETP, PKM, CNBA, etc.

Table with columns: Station, Frequency, Power, Distance, Direction, etc. Includes stations like IKP, VOG, EDW2, YUH, SPIA, INCN, etc.

Table with columns: Station, Frequency, Power, Distance, Direction, etc. Includes stations like USA0B, USRUK, USRKR, USRKL, etc.

Table with columns: Station, Frequency, Power, Distance, Direction, etc. Includes stations like KDAX, Kodiak Island, Kodiak Island, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like NKL, L404, M14K, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like ZAIG, DIB, H02S1, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like DUG, DUG, KCSI, etc.

26d 4h

Table with columns: TTA, Station Name, Frequency, Power, Mode, and Signal Strength. Rows include stations like Tatalina, Lajas Array, and Sinabang Aceh.

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Table with columns: ANMO, Station Name, Frequency, Power, Mode, and Signal Strength. Rows include stations like Albuquerque, Albuquerque, and Albuquerque.

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Table with columns: NEW, Station Name, Frequency, Power, Mode, and Signal Strength. Rows include stations like J20K, J20K, and J20K.







Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CNGN Cerro Negro, F28M Old Crow, and various local stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NATX Nacogdoches, COHC Cochancay, and various local stations.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BGNE Belgrade, RLO Rose Lookout, and various local stations.

26d 4h

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Table with columns: STA, comp, SS, SS, 04 51 50.0 -3.3, GUN, Gumba, 106.76 294 eP, PKIKP, 04 38 14.2 -0.5, KURK, Kurchatov, 117.04 316, PKPdf, 04 38 31.8 -1.2, etc.

Table with columns: PKI, Pulchoki, 107.05 293 eP, Pdif, 04 34 06.6 +0.5, KURK, Kurchatov, 117.04 316 P, PKIKP, 04 38 32.2 -0.8, etc.

Table with columns: KURB, Kurchatov Arra, 117.09 316 P, PKIKP, 04 38 30.9 -2.1, KURB, Kurchatov, 117.09 316 P, PKIKP, 04 38 31.8 -1.2, etc.

Table with columns: BRVK, Borovoye, 122.25 319d, PKIKP, PKPdf, 04 38 42.2 -0.7, etc.

Table with columns: RCBR, Riachuelo, 131.92 123 eP, PKIKP, 04 39 04.4 +0.6, etc.

Table with columns: MOS, Moscow, 139.20 331 i, PKHKP, PKPpre, 04 39 04.2, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like OSL, LRW, SIRT, ODD1, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like BSD, Bornholm Skovb, BGD, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like CWF, Charnwood Fore, AMAZ, etc.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like San Pablo, Marneleto, Marneleto, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Toxpalan, Pinotepa, Pinotepa, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Los Arroyos, Los Arroyos, Popocatepeti, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Los Arroyos, Los Arroyos, Popocatepeti, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Barro Colorado, Barro Colorado, Barro Colorado, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Cibinong, Gorontalo, Luwuk, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Rio Macho, Chama, Perez Zeledon, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Rio Macho, Chama, Perez Zeledon, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tsoukalades, L, Tsoukalades, L, Nydri-Lefkada, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Arriaga, Santiago Nilte, Arriaga, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Lake Whitney, Lake Whitney, Brewton, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Lake Whitney, Lake Whitney, Brewton, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Warramunga Arr, Warramunga Arr, ASAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tuzandepati, Arroyo Zacate, Fuego 3, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like White Oak Lake, White Oak Lake, Odesa, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like White Oak Lake, White Oak Lake, Odesa, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Santiago Nilte, Santiago Nilte, Huatulco, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Pinotepa, Pinotepa, Tlaxiaco, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Lakeview Retre, Lakeview Retre, Look Lake County, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Lakeview Retre, Lakeview Retre, Look Lake County, etc.

Table with columns for call sign, name, frequency, class, mode, and other technical details. Rows include W35A Tecumseh, WHAR Woolly Hollow, X48A Hartselle, etc.

Table with columns for call sign, name, frequency, class, mode, and other technical details. Rows include 113A Mohawk Valley, BLA Blackburg, S22A 4UR Ranch, etc.

Table with columns for call sign, name, frequency, class, mode, and other technical details. Rows include BINY Binghamton, OMBB Old Mammoth MI, ID07 Smith Canyon, etc.

26d 5h

Table with columns for station ID, name, coordinates, and status. Includes stations like TGTN Hyland Airport, R32K Eaglecrest, P32M Atlin, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like G29M Pine Creek, HARP HAARP, PLCA Paso Flores, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like M19K Big River Lodg, Q16K King Salmon, C26K Camden Bay, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LISBURN HILLS, TIN CITY, ESKDALEMIUR AR, SONSECA ARRAY, NORARS SUBARRA, etc.

ISK 26 05:40:19.1, 36.89N; 29.03E, h3km, ML2.5/14
DDA 26 05:40:22.1±0.0, 36.98N; 28.98E, h7km, 2km, ML1.9
ISC 26 05:40:19.8±1.0, 36.87N; 0.03; 29.04E; 0.03, h12km, 11km, n18, c0564/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CAMEL DENIZLI, FETHIYE, DALYAN (MULA), etc.

ISK 26 05:40:52.1, 36.88N; 29.05E, h3km, ML2.5/14
DDA 26 05:40:53.2±0.0, 36.91N; 29.03E, h7km, 4km, ML2.2
ISC 26 05:40:52.9±1.0, 36.90N; 0.03; 29.04E; 0.03, h8km, 10km, n22, c0544/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CAMEL DENIZLI, FETHIYE, DALYAN (MULA), etc.

ISC 26 05:41:21.4±8.6, 21.43S; 148.46E, h0km, mbtpm2.9/2, ML2.9/2, Error ellipse: s-maj=146.0km s-min=65.0km az=176.0
AUST 26 05:41:26.1±0.3, 21.32S; 148.38E, h10km, Error ellipse:

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

VAO 26 05:44:33.0±0.2, 21.28S; 66.62W, h232km, mb5.0
NEIC 26 05:44:33.8±2.2, 21.28S; 0.06; 66.57W; 0.07, h228km, 6km, mb4.9/35, Error ellipse: s-maj=9.4km s-min=9.1km az=87.0
SJA 26 05:44:33.5±1.0, 21.37S; 66.64W, h245km, 6km, ML4.6, MW4.6
GUC 26 05:44:34.5±0.7, 21.36S; 66.81W, h262km, 7km, ML5.2
SCB 26 05:44:34.1±0.8, 21.36S; 66.66W, h236km, 5km, ML5.4/3, MW5.6, Error ellipse: s-maj=2.4km s-min=2.1km az=0.4
IDC 26 05:44:35.0±0.5, 21.25S; 66.52W, h238km, 4km, mb4.0/14, mbtpm0.022, Error ellipse: s-maj=12.5km s-min=6.6km az=72.0

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

BULI 26 05:44:35.0±0.0, 21.40S; 66.60W, h233km, mb5.2/1
ISC 26 05:44:34.0±0.4, 21.33S; 0.03; 66.64W; 0.03, h238km, 3km, h239km, pp-P, n897, i187/217, mb4.8/232, 9C-15D.

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

ISC 26 05:44:33.0±0.2, 21.28S; 66.62W, h232km, mb5.0
NEIC 26 05:44:33.8±2.2, 21.28S; 0.06; 66.57W; 0.07, h228km, 6km, mb4.9/35, Error ellipse: s-maj=9.4km s-min=9.1km az=87.0
SJA 26 05:44:33.5±1.0, 21.37S; 66.64W, h245km, 6km, ML4.6, MW4.6
GUC 26 05:44:34.5±0.7, 21.36S; 66.81W, h262km, 7km, ML5.2
SCB 26 05:44:34.1±0.8, 21.36S; 66.66W, h236km, 5km, ML5.4/3, MW5.6, Error ellipse: s-maj=2.4km s-min=2.1km az=0.4
IDC 26 05:44:35.0±0.5, 21.25S; 66.52W, h238km, 4km, mb4.0/14, mbtpm0.022, Error ellipse: s-maj=12.5km s-min=6.6km az=72.0

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

ISC 26 05:44:33.0±0.2, 21.28S; 66.62W, h232km, mb5.0
NEIC 26 05:44:33.8±2.2, 21.28S; 0.06; 66.57W; 0.07, h228km, 6km, mb4.9/35, Error ellipse: s-maj=9.4km s-min=9.1km az=87.0
SJA 26 05:44:33.5±1.0, 21.37S; 66.64W, h245km, 6km, ML4.6, MW4.6
GUC 26 05:44:34.5±0.7, 21.36S; 66.81W, h262km, 7km, ML5.2
SCB 26 05:44:34.1±0.8, 21.36S; 66.66W, h236km, 5km, ML5.4/3, MW5.6, Error ellipse: s-maj=2.4km s-min=2.1km az=0.4
IDC 26 05:44:35.0±0.5, 21.25S; 66.52W, h238km, 4km, mb4.0/14, mbtpm0.022, Error ellipse: s-maj=12.5km s-min=6.6km az=72.0

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

ISC 26 05:44:33.0±0.2, 21.28S; 66.62W, h232km, mb5.0
NEIC 26 05:44:33.8±2.2, 21.28S; 0.06; 66.57W; 0.07, h228km, 6km, mb4.9/35, Error ellipse: s-maj=9.4km s-min=9.1km az=87.0
SJA 26 05:44:33.5±1.0, 21.37S; 66.64W, h245km, 6km, ML4.6, MW4.6
GUC 26 05:44:34.5±0.7, 21.36S; 66.81W, h262km, 7km, ML5.2
SCB 26 05:44:34.1±0.8, 21.36S; 66.66W, h236km, 5km, ML5.4/3, MW5.6, Error ellipse: s-maj=2.4km s-min=2.1km az=0.4
IDC 26 05:44:35.0±0.5, 21.25S; 66.52W, h238km, 4km, mb4.0/14, mbtpm0.022, Error ellipse: s-maj=12.5km s-min=6.6km az=72.0

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

ISC 26 05:44:33.0±0.2, 21.28S; 66.62W, h232km, mb5.0
NEIC 26 05:44:33.8±2.2, 21.28S; 0.06; 66.57W; 0.07, h228km, 6km, mb4.9/35, Error ellipse: s-maj=9.4km s-min=9.1km az=87.0
SJA 26 05:44:33.5±1.0, 21.37S; 66.64W, h245km, 6km, ML4.6, MW4.6
GUC 26 05:44:34.5±0.7, 21.36S; 66.81W, h262km, 7km, ML5.2
SCB 26 05:44:34.1±0.8, 21.36S; 66.66W, h236km, 5km, ML5.4/3, MW5.6, Error ellipse: s-maj=2.4km s-min=2.1km az=0.4
IDC 26 05:44:35.0±0.5, 21.25S; 66.52W, h238km, 4km, mb4.0/14, mbtpm0.022, Error ellipse: s-maj=12.5km s-min=6.6km az=72.0

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

ISC 26 05:44:33.0±0.2, 21.28S; 66.62W, h232km, mb5.0
NEIC 26 05:44:33.8±2.2, 21.28S; 0.06; 66.57W; 0.07, h228km, 6km, mb4.9/35, Error ellipse: s-maj=9.4km s-min=9.1km az=87.0
SJA 26 05:44:33.5±1.0, 21.37S; 66.64W, h245km, 6km, ML4.6, MW4.6
GUC 26 05:44:34.5±0.7, 21.36S; 66.81W, h262km, 7km, ML5.2
SCB 26 05:44:34.1±0.8, 21.36S; 66.66W, h236km, 5km, ML5.4/3, MW5.6, Error ellipse: s-maj=2.4km s-min=2.1km az=0.4
IDC 26 05:44:35.0±0.5, 21.25S; 66.52W, h238km, 4km, mb4.0/14, mbtpm0.022, Error ellipse: s-maj=12.5km s-min=6.6km az=72.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SDBA SAO DESIDERIO, PTLC Puerto Leguiza, MALB Monte Alegre, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NHSC New Hope, BRAL Brewton, Y60A Bolivia, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DRIO Del Rio, U49A Red Boiling Sp, U49A Red Boiling Sp, etc.



26d 5h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include stations like Waseca, Val d'Or, Lone Tree Farm, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include stations like Pinedale Array, Pinedale Array, Pinedale Array, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include stations like Enunclaw, EDM, B06A, etc.

IDC 26 05:46:26.8, 0.8, 5.61S; 101.35E, h0km, mb4.4/19, mtbtp4.4/20, MLS.2.1, MS4.5/2, Error ellipse: NEIC 26 05:48:28.2, 1.6, 5.76S; 101.31E, 0.07, h10km, 1km, mb4.9/33, Error ellipse: s-maj=13.3km s-min=11.2km az=232.0

DJA 26 05:46:30.2, 0.3, 6.52S; 101.1E, h24km, 3km, MS.0/40, mB5.5/12, mb5.0/40, MLV5.0/18, Mw(mB)5.0/12

ISC 26 05:46:28.9, 0.7, 5.74S; 101.34E, 0.05, h16km, 3km, h17km; pP.1, n148, s1978/144, mb4.8/49, MS4.6, 1C-2D,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include stations like KSI, MASI, Lwli, etc.

Table with columns: SNI, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

0.6nm,0.3s
MKAR Makanchi Array 8.04 205 Pn Pn 06 54 48.4 +0.8
0.2nm,0.3s,baz=29,slow=14,SNR=1.2
0.2nm,0.3s

DDA 26 06:56:56.5-0.0,37.11N-44.94E,h2km,1km,MW3.9
ISN 26 06:56:57.2-1.6,37.30N-44.85E,h10km,ML4.0
ISK 26 06:56:59.9,37.05N-44.80E,h5km,ML3.6/12
TEH 26 06:57:00.7,37.37N-44.94E,h5km,ML3.6
AZER 26 06:57:01.0-0.5,37.43N-44.91E,h5km,10km,Error
ellipse: s-maj=34.2km s-min=5.3km az=33.0
ISC 26 06:56:58.2-1.1,37.22N-0.02,44.92E,0.02,h13km,10km,
n60,+f161/83,Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations including MAHB, IAZR, CUKT, etc.

NNC 26 07:12:39.4-1.4,50.00N:78.80E,h0km,mb2.9,mpv2.7,
Error ellipse: s-maj=32.7km s-min=6.6km az=72.0,
Suspected Mining explosion.
IDC 26 07:12:41.1-1.1,50.06N:78.73E,h0km,mbmt2.8/2,
ML2.2/2, Error ellipse: s-maj=13.2km s-min=6.4km
az=66.0

ISC 26 07:12:35.9-3.8,49.939N:0.05,77.8E:0.3,h0km,n8,
+051/10,6C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the Kazakhstan event including KURBB, MAZK, MK31, etc.

0.3nm,0.3s,baz=221,slow=26,SNR=1.7
1.0nm,0.4s

TEH 26 07:16:30.4,37.53N:57.18E,h7km,42km,ML3.5,
Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the Iran-Turkmenistan event including ISFR, MRVT, IEMG, etc.

IDC 26 07:32:51.1-12.0,22.95S:178.10W,h245km,90km,
mb3.3/3,mbmt3.9/4, Error ellipse: s-maj=146.8km
s-min=30.4km az=133.0
ISC 26 07:32:53.1-2.4,22.4S:0.2,177.8W:0.3,h300km,n7,
+017/17,mb3.4/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the South of Fiji Islands event including MSVF, STKA, ASAR, etc.

BUI 26 08:15:44.6-0.0,24.25S:179.01E,h543km,mb4.8/39,
mb4.7/22
IDC 26 08:15:45.2-0.8,24.39S:178.81E,h538km,8km,mb4.2/24,
mbmt5.1/27, Error ellipse: s-maj=10.6km s-min=9.2km
az=0.0

NOU 26 08:15:46.6,24.47S:178.91E,h558km,mb5.0/80, South
of Fiji Islands
NEIC 26 08:15:46.4,24.24S:178.91E,0.1,h550km,6km,
mb4.9/42, Error ellipse: s-maj=14.8km s-min=13.6km
az=113.0

BGR 26 08:15:47.1,24.43S:178.76E,h600km
ISC 26 08:15:46.0-0.4,24.52S:0.04,178.91E:0.04,h550km,4km,
h551km,P-P,n428,+f123/509,mb4.9/86,36C-17D, South
of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the South of Fiji Islands event including RAO, GLKZ, MSVF, etc.

NOUC Port Laguerre 11.83 279 P P 08 18 23.6 +1.2
WCZ Waipoua Caves 12.04 194 P P 08 18 27.2 +2.9
GRZ Great Barrier 12.06 193 P P 08 18 26.6 +2.0
KUZ Kuautonu 12.49 192 P P 08 18 30.8 +1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the New Caledonia event including NOUC, WCZ, GRZ, etc.

TUWZ Tuamarina 17.36 193 P P 08 19 16.6 -0.8
THZ Topoua 17.90 195 P P 08 19 22.6 +0.2
KHZ Kahutara 18.39 193 P P 08 19 25.8 -1.0
KHZ Kahutara 18.39 193 P P 08 19 25.5 -0.3
LHI Lord Howe Isla 18.84 244 P P 08 19 33.3 +2.3

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations across various regions including Tuamarina, Lord Howe Island, and various Pacific islands.

1901

Table listing satellite stations for 1901, including station names (e.g., WAKE Wake Island), coordinates, and status indicators.

2017 SEP

Table listing satellite stations for 2017 SEP, including station names (e.g., MDJ Mudanjiang), coordinates, and status indicators.

26d 4h

Table listing satellite stations for 26d 4h, including station names (e.g., KLMM Steigen), coordinates, and status indicators.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLZ, VYHS, FB, RICC, NEUB, JAVC, GZFR, HSKK, SIRR, VRAC, GTTG, SURR, GOPE, PRUH, KRUC, BZS, TANN, WERD, MOX, GUNZ, WERN, WERI, KNC, KASTN, ZVC, MDVR, ROTZ, KHC, CKRC, CONA, ROSAL, GERES, WET, MORH, TNS, BOVS, BCLA, BMRD, DIVS, BIOD, SOKA, PKDS, MYKA, WATA, BFO, WTTA, RETA, MOTA, GBAS, ABTAS, SQTA, CLUD, CLUD, GBRS, PDG, FETA, DAVA, FUORN, ESCD, TORD, TORD.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SRBI, DNP, IGBI, JAGI, ABJI, ABJI, TWSI, KMI, KMI, BLJI, BLJI, PLAI, PLAI, GRJI, GRJI, PWJI, PWJI, UGM, UGM, KAMI, KAMI, KAPI, KAPI, KAPI, KAPI, BKSJ, MBWA, PSAO, GIRL, WBR0, WRA, WRA, WRAB, WRB, WRB, WR0, WR0, AS31, AS31, ASAR, ASAR, FORT, STKA, TOO, TOO, MKAR, MKAR, ABKAR, GSPA, IDC 26 08:31:20.9, 19.76S, 178.17W, h451km, 11gkm, mb3.2/3, mbtmp4.1/4, Error ellipse: s-maj=215.7km s-min=89.7km az=150.0, Fiji Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROSC, ROSC, GUY2, GUY2, ETMB, ETMB, CBOC, CBOC, RUSC, RUSC, ZARC, ZARC, LPAZ, LPAZ, SAML, SAML, UPD2, UPD2, PB16, PB16, GO01, GO01, SJCC, SJCC, SDV, SDV, MACA, MACA, PBO7, PBO7, BAUV, BAUV, LVC, LVC, LVC, LVC, BOAV, BOAV, BOAV, BOAV, BOAV, BOAV, PCRV, PCRV, AC02, AC02, GRGR, GRGR, AQDB, AQDB, AQDB, AQDB, CPUP, CPUP, IPMB, IPMB, PLCA, PLCA, PLCA, PLCA, RPN, RPN, RCBR, RCBR, TXAR, TXAR, DLBO, DLBO, SNA4, SNA4, SNA4, SNA4, TOAO, TOAO, TORD, TORD, TORD, TORD, ESDC, ESDC, GSPA, GSPA, G2SM, G2SM, ILAR, ILAR, TSMU, TSMU, NOA, NOA, ASAR, ASAR, WRA, WRA, IDC 26 08:33:59.8, 3.2, 54.27N, 87.27E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=28.9km s-min=20.0km az=44.0, Southwestern Siberia.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, IDC 26 08:27:06.4, 1.9, 8.33S, 115.44E, h0km, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=24.9km s-min=14.5km az=1.0, Southwestern Siberia.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IMBA, IMBA, OTAV, OTAV, OTAV, OTAV, PACI, PACI, PACI, PACI, TULM, TULM, TULM, TULM, CRUC, CRUC, TBTG, TBTG, TBTG, TBTG, FLOC, FLOC, FLOC, FLOC, GARC, GARC, POPC, POPC, MACC, MACC, BETC, BETC, JAMC, JAMC, MACC, MACC, MACC, MACC, PLMC, PLMC, PLMC, PLMC, ROSC, ROSC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, ANF 26 08:40:05.7, 0.8, 38.40N, 118.97W, h5km, 4km, ML3.5/16, Error ellipse: s-maj=6.7km s-min=3.4km az=138.0, NEIC 26 08:40:06.7, 1.1, 38.37N, 0.01, 118.90W, 0.01, h6km, 6km, Error ellipse: s-maj=1.8km s-min=1.6km az=211.0, REN 26 08:40:06.3, 1.1, 38.37N, 0.01, 118.90W, 0.02, h6km, 6km, MW3.4, ML3.3/44(NEIC), Error ellipse: s-maj=1.9km s-min=1.7km az=54.0, IDC 26 08:40:06.7, 0.9, 38.37N, 0.02, 118.90W, 0.01, h9km, 9km, n88, c080/103, California-Nevada border region.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, IAML, Pg, Sg, Pn, S, LVL, LUL, WAKR, WAKR, NV09, NV08, NVAR, ANTC, NV11, YERR, YERR, YERR, YERR, BENR, MDYM, MDYM, MCBM, MCBM, MLAC, MLAC, EBP, MDPB, MDPB, ORC, OMMB, BFC, CASR, MLNR, RCF, PNTR, PNTR, PNTR, KVN, GNO, WMD, SCHCA, KCC, BHP, POC, CMB, DSP, MSP, MPK, MPK, TPH, MZP, MZP, PAHR, PAHR, PAHR, TIN, TIN, TIN, TIN, Q09A, DONR, PEAR, BABR, LOY, GMD, AFDM, GRAC, GRAC, GRAC, BEKR, SGV, CWC, CWC, CWC, BMRR, VOG, VOG, ORV, ORV, ORV, WENI, PLTX, WCT, FURC, FURC, VES, VES, TPNV, TPNV, TPNV, MPMC, MPMC, SAO, S11A, R11B, R11B, R11B, ISA, ISA, GWY, AMDN, QSM, LRMC, LRMC, LBCM, SMMC, PRN, ARVC, ARVC, SHOC, SHPR, EDW2, ELK, ELK, ELK, KNB, BGD

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, IAML, Pg, Sg, Pn, S, LVL, LUL, WAKR, WAKR, NV09, NV08, NVAR, ANTC, NV11, YERR, YERR, YERR, YERR, BENR, MDYM, MDYM, MCBM, MCBM, MLAC, MLAC, EBP, MDPB, MDPB, ORC, OMMB, BFC, CASR, MLNR, RCF, PNTR, PNTR, PNTR, KVN, GNO, WMD, SCHCA, KCC, BHP, POC, CMB, DSP, MSP, MPK, MPK, TPH, MZP, MZP, PAHR, PAHR, PAHR, TIN, TIN, TIN, TIN, Q09A, DONR, PEAR, BABR, LOY, GMD, AFDM, GRAC, GRAC, GRAC, BEKR, SGV, CWC, CWC, CWC, BMRR, VOG, VOG, ORV, ORV, ORV, WENI, PLTX, WCT, FURC, FURC, VES, VES, TPNV, TPNV, TPNV, MPMC, MPMC, SAO, S11A, R11B, R11B, R11B, ISA, ISA, GWY, AMDN, QSM, LRMC, LRMC, LBCM, SMMC, PRN, ARVC, ARVC, SHOC, SHPR, EDW2, ELK, ELK, ELK, KNB, BGD

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, IAML, Pg, Sg, Pn, S, LVL, LUL, WAKR, WAKR, NV09, NV08, NVAR, ANTC, NV11, YERR, YERR, YERR, YERR, BENR, MDYM, MDYM, MCBM, MCBM, MLAC, MLAC, EBP, MDPB, MDPB, ORC, OMMB, BFC, CASR, MLNR, RCF, PNTR, PNTR, PNTR, KVN, GNO, WMD, SCHCA, KCC, BHP, POC, CMB, DSP, MSP, MPK, MPK, TPH, MZP, MZP, PAHR, PAHR, PAHR, TIN, TIN, TIN, TIN, Q09A, DONR, PEAR, BABR, LOY, GMD, AFDM, GRAC, GRAC, GRAC, BEKR, SGV, CWC, CWC, CWC, BMRR, VOG, VOG, ORV, ORV, ORV, WENI, PLTX, WCT, FURC, FURC, VES, VES, TPNV, TPNV, TPNV, MPMC, MPMC, SAO, S11A, R11B, R11B, R11B, ISA, ISA, GWY, AMDN, QSM, LRMC, LRMC, LBCM, SMMC, PRN, ARVC, ARVC, SHOC, SHPR, EDW2, ELK, ELK, ELK, KNB, BGD

26d 11h

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

NNC 26 09:57:37.44.7, 49.61N:84.22E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=39.5km s-min=16.2km az=60.0, Suspected Mining explosion.

SOME 26 09:57:40.9, 49.65N:83.65E, h0km, mbtmp2.4/1, IDC 26 09:57:45.1, 49.67N:83.66E, h0km, mbtmp2.4/1, ML2.4/1, Error ellipse: s-maj=22.2km s-min=14.7km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SEM Semipalatinsk, ZSN Zaisan, MK31 Makanchi Array, etc.

MEX 26 10:00:11.9, 0.7, 14.78N:92.10W, h100km, 5km, MD4.2 GCG 26 10:00:18.4, 0.3, 14.77N:91.88W, h50km, MD3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG Union Juarez, PATR El Naranjo, STG3 Santiaguito 3, etc.

IDC 26 10:01:22.0, 2.4, 8.57S: 121.47E, h0km, mb3.4/1, mbtmp3.3/3, ML3.5/2, Error ellipse: s-maj=232.6km s-min=30.9km az=6.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BLASI Blang, Sumba, BAI1 Plampang, etc.

2017 SEP

IDC 26 10:03:07.7, 1.9, 0.14S: 122.61E, h0km, mb3.4/3, mbtmp3.4/3, MS2.6/1, Error ellipse: s-maj=350.3km s-min=28.0km az=61.0

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.

JMA 26 10:04:06.7, 0.2, 24'N:123.7E, 0.2, h11km, 2km, MV0.8/5, NEAR ISHIGAKI JIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, JIJ Ishigaki jima, etc.

TAP 26 10:04:32.4, 24.23N:121.63E, h15km, ML1.2, 1D, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, ETL Fush Village, etc.

IDC 26 10:08:45.1, 15.0, 12.20S: 166.80E, h368km, 201km, mb3.0/4, mbtmp3.8/5, Error ellipse: s-maj=190.9km s-min=30.1km az=157.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, etc.

IDC 26 10:33:52.3, 2.1, 0.90S: 147.35E, h0km, mb3.2/3, mbtmp3.3/3, MS2.0/1, Error ellipse: s-maj=369.4km s-min=30.7km az=119.0, Admiralty Islands region

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

SOME 26 11:15:22.4, 43.70N:69.67E KRNET 26 11:15:23.0, 1.1, 43.46N:69.59E, mb3.0 NNC 26 11:15:25.1, 1.9, 43.68N:69.92E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=10.8km s-min=6.2km az=132.0, Suspected Mining explosion.

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.

1904

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRKS Karabastau, EKS2 Erkin-Say, etc.

NEIC 26 11:22:49.5, 2.1, 17.10S: 0.09:168.2E: 0.1, h57km, 7km, mb4.7/32, Error ellipse: s-maj=16.1km s-min=13.2km az=83.0

NOU 26 11:22:50.1, 17.10S: 168.17E, h63km, mb4.9/33, Vanuatu Islands IDC 26 11:22:50.3, 1.0, 17.26S: 168.29E, h74km, 7km, mb4.1/11, mbtmp4.5/12, MS3.3/29, Error ellipse: s-maj=21.5km s-min=13.2km az=112.0

ISC 26 11:22:49.9, 0.7, 17.18S: 0.06:168.14E: 0.08, h63km, 5km, h63km: pp-P, n120, 0.1922/108, mb4.7/28, 5C-1D, Vanuatu Islands

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

IDC 26 11:22:49.9, 0.7, 17.18S: 0.06:168.14E: 0.08, h63km, 5km, h63km: pp-P, n120, 0.1922/108, mb4.7/28, 5C-1D, Vanuatu Islands

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

Table with columns: WRA, comp, P, PcP, 11 31 58.6 -1.0, LR, 11 41 35.2, etc. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

MOS 26 11:23:05.5:1.5, 39:32N:73:80E, h12km, mb4.3/5, Error ellipse: s-maj=9.7km s-min=4.7km az=86.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Osh, Batken, etc.

Table with columns: MTBS, Maitube, 4.13 27 ePg, Pb, 11 24 21.3 +1.9, etc. Includes stations like Karatay Array, Karatay Array, Karatay Array, etc.

26d 11h

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

HEL 26 11:30:08.0.7.1, 60.08N:21.41E, h0km, ML2.2, Explosion
IDC 26 11:30:08.4.1.5, 60.06N:21.57E, h0km, mbmp2.9/4,

UPP 26 11:30:09.4.0.5, 60.04N:21.23E, h0km, ML2.7
DNK 26 11:30:09.0.1.5, 60.06N:21.33E, h0km, Suspected explosion

BER 26 11:30:09.0.2.5, 59.94N:21.47E, h0km, ML2.0, ML2.2(HEL), Suspected explosion
ISC 26 11:30:06.0.0.7, 60.06N:0.03:21.36E:0.02, h0km, n68, r16/94, Finland

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

2017 SEP

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

NAO 26 11:42:31.5, 36.74N:24.99E, h33km, mb3.8
IDC 26 11:42:41.9, 1.1, 37.74N:21.01E, h0km, mb3.8/12,

BEQ 26 11:42:44.7, 0.8, 37.70N:20.73E, h0km, ML3.5/7
THE 26 11:42:45.5, 37.61N:20.89E, h20km, 1km, ML3.6/4, Error ellipse: s-maj=1.3km s-min=0.6km az=215.0

ATH 26 11:42:46.2, 37.68N:20.92E, h18km, 5km, ML3.7/25, Manual Solution by G.Panopoulos First location: 2019/04/18 08:17:36, This location: 2019/04/18 08:14:59

PDG 26 11:42:48.5, 1.4, 37.37N:20.76E, h13km, 1km, ML3.7/9, Error ellipse: s-maj=1.6km s-min=1.4km az=30.0

ISC 26 11:42:45.0, 8, 37.96N:0.03:20.92E:0.03, h24km, 5km, n124, r129/144, mb3.8/12, MS3.0/4, 8C-12D, Ionian Sea

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

1906

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

NEIC 26 11:46:39.5, 1.2, 15.54S:0.09:168.2E:0.2, h12km, 13km, mb4.3/14, Error ellipse: s-maj=22.0km s-min=13.3km az=79.0

IDC 26 11:46:43.0, 9.5, 15.90S:168.21E, h152km, 68km, mb3.7/4, mbmp4.2/5, Error ellipse: s-maj=108.9km s-min=63.6km az=76.0

NOU 26 11:46:46.1, 15.98S:168.06E, h160km, MLV4.0/23, Vanuatu Islands

ISC 26 11:46:43.0, 1.2, 15.74S:0.10:168.2E:0.1, h150km, n43, r126/44, mb4.2/11, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like DZM, NOUC, ONTNC, etc.

HEL 26 12:05:10.5:0.1, 67.65N-33.75E, h0km, ML1.5, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like LVZ, VRF, VRF, etc.

KOLA 26 12:05:48.4, 67.63N-33.78E, h0km, ML1.9, Error ellipse: s-maj=4.6km s-min=1.6km az=150.0, Khibiny, mines Rasmuchor, Central, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like GAA, APA0, etc.

NEIC 26 12:14:46.5, 37.41S-74.16W, h10km NEIC 26 12:14:47.0, 1.5, 37.40S-0.05-74.11W, L0.09, h13km, 4km, mb4.7/44, Mw1.8/45, Mw1.5 (GUC), Error ellipse: s-maj=10.2km s-min=7.1km az=96.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm, Mr: 0.98; Mxx=0.18; Myy=0.80; Mzz=0.31; Mxy=0.85; Myz=1.18; Fault plane solution: Mo: 1.74000x10^16 NP1: s=58.73000°, s26.70000°, l127.97000°. NP2: p=197.60000°, s69.25000°, l72.80000°. Principal axes: T 1.5742, P1662.0000°, Azm21.0000°, Azm22.0000°, Azm30.0000°, Azm24.0000°; P 1.6871, Plg22.0000°, Azm30.0000°, Azm24.0000°; N 1.8671, Plg22.0000°, Azm30.0000°, Azm24.0000°. IDC 26 12:14:47.3, 0.9, 37.45S-73.77W, h0km, mb4.1/8, mbmp4.1/12, ML4.1/4, MS4.1/22. Error ellipse: s-maj=28.3km s-min=19.8km az=84.0 GUC 26 12:14:48.2, 0.7, 37.43S-74.16W, h29km, 5km, ML5.0 ISC 26 12:14:47.0, 1.4, 37.43S-0.03-74.15W, 0.05, h15km, 8km, n185, s196/182, mb4.7/25, MS4.1/22, C8, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like RO4, LR04, LR04, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like GO06, GO05, GO05, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like PMSA, ETMB, CZSB, etc.

26d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN17, KAN05, KAN01, KAN09, OK032, etc.

EAJ 26 12:23:31.6, 26:41S, 29:64E, h10km, MC3.7
BUL 26 12:23:33.0, 1.2, 26:36S, 29:52E, h10km, MD3.9, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOPA, LBTB, MUSN, BOSA, BLWY, etc.

2017 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLWY, PVAO, EGRO, EMIN, EMIN, EMIN, etc.

1908

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

1909

Table with columns: Station Name, Azimuth (AZ), Phase ID, Time, Residual (Res). Includes stations like Mina Array Bea, Albuquerque, Torodi Ar. Bea, Pinyon Flats O, Lajitas Array, Chiang Mai Arr, Montagnes des, Juntas de.

Technical data including coordinates (IDC 26, ASIES 26), moment tensor solution (Moment Tensor Solution), fault plane solution (Fault plane solution), and TAP/JMA station coordinates.

Main data table for 1909, listing station codes, names, azimuths, phase IDs, times, and residuals. Includes stations like Toucheng, Wu-fen Shan, National Taiwa, Taipei, Taichung City, etc.

2017 SEP

Main data table for 2017 SEP, listing station codes, names, azimuths, phase IDs, times, and residuals. Includes stations like National Center, Zhongli, Nan Shan, Heping Village, Datong, Eos2, Zhudong, Xinxu Township, Wufeng Townshi, Hsinchu, etc.

26d 12h

Main data table for 26d 12h, listing station codes, names, azimuths, phase IDs, times, and residuals. Includes stations like Fenglin Townsh, Taichung, Sun Moon Lake, Yuchr, Suanglung, Zhonghua, Nantou City, etc.

26 Dec 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, h, m, s, ISC. Includes stations like LONT Longtian, VWUC Wuyang, CHN8 Yiju, etc.

2017 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, h, m, s, ISC. Includes stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA2.91, etc.

1910

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, h, m, s, ISC. Includes stations like CCIG Comitán, CCIG Retalhuleu, CCIG Huehuetenango, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARXS, KOTS, ULHL.

IDC 26 13:42:25.3±2.2, 4.94S, 146.67E, h0km, mb3.4, mbtm3.6/3, ML3.9/1, Error ellipse: s-maj=272.2km s-min=29.3km az=121.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, WRA, ASAR, ILAR.

NEIC 26 13:42:33.5±2.0, 15.36N, 0.10:95.07W, h0.02, h37km, 19km, mb4.0/8, Md4.4/22(MEX), Error ellipse: s-maj=14.2km

MEX 26 13:42:35.8±1.2, 15.65N, 95.02W, h13km, 16km, Md4.4

ISC 26 13:42:29.0±1.3, 15.65N, 0.04:99W, h0.02, h2km, 10km, n41, c179/68, Near coast of Oaxaca

Main station list for 1911 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NILT, HUIT, ARRI, etc.

FUNV 26 14:05:17.1, 10.65N, 71.58W, h7km, MW3.6

ISC 26 14:05:18.0±1.6, 10.72N, 0.04:71.59W, h2km, 17km, n25, c1564/43, 1C-1D, Lake Maracaibo

Main station list for 1911 (continued) with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URIC, MCQV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAPV, PAMC, SJCC, etc.

SJA 26 14:07:17.2±0.6, 28.21S, 71.74W, h20km, 3km, ML4.3, MW4.2

GUC 26 14:07:21.7±0.6, 28.38S, 71.20W, h32km, 2km, ML4.0

NEIC 26 14:07:22.2±1.2, 28.35S, 0.03:71.33W, h0.05, h21km, 9km, mb4.2/2, ML4.1(GUC), Error ellipse: s-maj=6.5km s-min=3.8km az=98.0

IDC 26 14:07:25.7±3.0, 28.19S, 71.37W, h48km, 24km, mb3.6/3, mbtm3.7/7, ML3.6/4, MS3.2/8, Error ellipse: s-maj=46.3km s-min=15.5km az=74.0

ISC 26 14:07:18.3±1.6, 28.29S, 0.03:71.60W, h5km, 10km, n42, c165/103, mb4.1/1, 1C, Near coast of central Chile

Main station list for 2017 SEP with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04, GO03, AC06, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT13, MTO1, LME1, etc.

comp=Z, 0.5nm, 0.1s

comp=Z, 2.32nm, 18.4s, baz=222, slow=38

BO02 Sierra Bellavi 6.52 174 Pn Pn 14 08 55.3 +0.3

BO07 IOPC Station P 6.27 14 Pn Pn 14 08 58.5 +0.4

BO09 IOPC Station P 6.81 19 Pn Pn 14 08 59.7 +0.5

PATCX Punta Patache 7.65 10 Pn Pn 14 09 11.1 +0.8

H03N1 Limon Verde 6.16 24 Pn Pn 14 07 53.2

H03N2 Juan Fernandez 8.11 229 T T 14 17 60.0

H03N3 Juan Fernandez 8.13 229 T T 14 17 49.6

LPAZ La Paz 12.37 16 P P 14 10 16.6 +0.8

LPAZ La Paz 12.37 16 P P 14 15 44.7

PLCA Paso Flores 12.44 176 LR LR 14 15 27.4

TRQA Tomquiat 12.63 143 Pn Pn 14 10 19.0 +0.3

CPUP Villa Florida 12.84 85 LR LR 14 15 37.2

SIV San Ignacio 15.64 41 P Pn 14 11 01.4 +1.7

PLTB Pedras Altas 15.97 107 Pn Pn 14 11 02.7 -1.1

NNA Nan 16.95 342 LR LR 14 16 15.6

PMSA Palmer Station 36.81 175 LR LR 14 29 45.2

SNAA Snaae 56.74 159 P P 14 17 02.9 0.0

TXAR Lajitas Array 64.99 329 P P 14 18 02.1 +2.6

RAR Rarotonga 78.70 252 LR LR 14 46 27.2

TOAO Torodi Ar. Sit 81.93 70 P P 14 19 39.0 -0.6

TORD Torodi Ar. Bea 81.93 70 P P 14 19 38.8 -0.7

WRA Warramunga Arr 125.88 211 PKP PKPpdf 14 26 22.3 +0.1

KURBB Kurchatov Arra 148.28 37 PKPbc PKPbc 14 27 05.8 +0.5

ZALV Zalesovo Beam 149.10 27 PKPbc PKPbc 14 27 07.7 +0.4

MKAR Makanchi Array 152.46 41 PKPbc PKPbc 14 27 15.7 -0.1

PZH PanZhihua 173.82 105 PKP PKPpdf 14 27 28.3 -1.4

ANF 26 14:35:07.5±0.6, 59.59N, 138.64W, h8km, 3km, ML2.1/12, ML1.5/4, Error ellipse: s-maj=7.0km s-min=2.0km az=0.0, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNL, P29M, O29M, etc.

ANF 26 14:35:41.2±0.1, 61.17N, 139.92W, h2km, 1km, Error ellipse: s-maj=1.2km s-min=1.0km az=163.0

OTT 26 14:35:42.0, 61.17N, 139.93W, h1km

PGC 26 14:35:42.5, 61.17N, 139.93W, h1km, ML1.9, ML2.0/24, 137km west of Haines Jct., Northern Yukon Territory, Canada, Southern Yukon Territory

Main station list for 26d 14h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YUK8, YUK6, O28M, etc.

26d 15h

Table with columns: KIAG, KIAG, HYT, HYT, PTPK, PTPK, BVCY, BVCY, N30M, N30M, N30M, MESA, M29M, M29M, MCARA, MCARA, M27K, M27K, M27K, CRQE, CRQE, P30M, P30M, P30M, P29M, P29M, P29M, P29M, O30N, M26K, N31M, N31M, M30M, M30M, L27K, L27K, L27K, L29M, L29M, L29M, L29M, B29M, L26K, WHY, WHY, DAWY, DAWY, K27K, N32M, P33M, J30M, J30M, I27K, I27K. Includes station names, coordinates, and various parameters.

FUNV 26 14:36:27.4, 11°60N:70°32W, h14km, MW3.5
ISC 26 14:36:27.6, 10.1166N:06:70.38W, 0.03, h51km, 39km,
n22, c1587/32, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIGV, SIGV, URIB, URIB, JACV, JACV, CURV, CURV, TEPU, TEPU, SANR, SANR, CRJ, CRJ, SDV, SDV, TURV, TURV, BEIN, BEIN, SOCV, SOCV, BAUV, BAUV, TACV, TACV, HIZ, HIZ, CAPC, CAPC, MERV, MERV, PAMC, PAMC, SJCC, SJCC, CACV, CACV, ZARC, ZARC, NORC, NORC.

EAF 26 14:41:25.8, 28°9'S:28°89'E, h10km, MC3.5
BUL 26 14:41:28.1, 4.28°92'S:28°73'E, h10km, MD3.7, South Africa

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

2017 SEP

Table with columns: BOSA, BOSA, LBTA, LBTA, LBTA, LBTA, MOPA, MOPA, MOPA, MOPA, MOPA. Includes station names, coordinates, and various parameters.

NOU 26 15:03:36.0, 39°96'S:176°93E, h19km, MLv3.4/5, North Island, New Zealand
WEL 26 15:03:37.8, 0.4, 40°S:3°17'7E, h30km, 3km, M3.2/63, ML3.6/19, MLv2.2/63, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PKX, PKX, WPHZ, WPHZ, KAHZ, KAHZ, PRHZ, PRHZ, PNHZ, PNHZ, CKHZ, CKHZ, KRRH, KRRH, ANWZ, ANWZ, DVHZ, DVHZ, MCHZ, MCHZ, MCHZ, MCHZ, TSZ, TSZ, KWHZ, KWHZ, KWHZ, KWHZ, ARHZ, ARHZ, BFZ, BFZ, PRWZ, PRWZ, POWZ, POWZ, BKZ, BKZ, MRZ, MRZ, MOVZ, MOVZ, CPWZ, CPWZ, WHZ, WHZ, TWZ, TWZ, MRZ, MRZ, OHWZ, OHWZ, TUZ, TUZ, RAHZ, RAHZ, WHZ, WHZ, MTHZ, MTHZ, ETZ, ETZ, SNVZ, SNVZ, FWZ, FWZ, TMWZ, TMWZ, MRZ, MRZ, NGZ, NGZ, HATZ, HATZ, NNWZ, NNWZ, KNZ, KNZ, KRZ, KRZ, MHQZ, MHQZ, WTZ, WTZ, TMWZ, TMWZ, PKVZ, PKVZ, HOWZ, HOWZ, KATZ, KATZ, SNZ, SNZ, RATZ, RATZ, RTWZ, RTWZ, RTZ, RTZ, PRGZ, PRGZ, OGWZ, OGWZ, WHZ, WHZ, ALRZ, ALRZ, MTWZ, MTWZ, MUGZ, MUGZ, PRZR, PRZR, RIGZ, RIGZ, WPRZ, WPRZ, TRWZ, TRWZ, KIWZ, KIWZ, HRRZ, HRRZ, RRZ, RRZ, CAWZ, CAWZ, PAWZ, PAWZ, HSRZ, HSRZ, URZ, URZ, URZ, URZ, TARZ, TARZ, MWZ, MWZ, MSWZ, MSWZ, LRZ, LRZ, CNGZ, CNGZ, TLZ, TLZ, PLWZ, PLWZ, TWGZ, TWGZ, HIZ, HIZ, HIZ, HIZ, OPRZ, OPRZ, NEZ, NEZ, KHEZ, KHEZ, KHEZ, KHEZ, PCW, PCW, PKEZ, PKEZ, DUWZ, DUWZ, NBEZ, NBEZ, PKGZ, PKGZ, HAZ, HAZ, TOZ, TOZ, WMGZ, WMGZ, TWZ, TWZ, TKNZ, TKNZ, MKAZ, MKAZ, QRZ, QRZ, MRNZ, MRNZ, ETAZ, ETAZ, AWZ, AWZ, THZ, THZ, KHZ, KHZ, WIAZ, WIAZ, MIAZ, MIAZ, LTZ, LTZ, WJZ, WJZ, TMZ, TMZ.

1912

Table with columns: CTZ, Chatham Island, 6.22 129 P, Pn, 15 05 08.2 +2.2

IDC 26 15:10:57.2, 1.0, 47°33'N:154°05'E, h0km, mb3.9/13, mbmp3.9/17, ML3.2/4, MS2.9/5, Error ellipse: s-maj=26.0km s-min=17.8km az=138.0
NIED 26 15:10:58.7, 47°33'N:154°08'E, h30km, MW4.0, Moment Tensor solution: s2 Moment tensor: Scale 1015Nm; Mm=0.29; Mss=0.92; Mss=0.62; Mss=0.61; Mss=0.23; Mss=0.39; aull plane solution: M=1.07000x10^15 Np1:45.00000, 882.00000, 1-133.00000; NP2:307.00000, 844.00000, 1-12.00000
NEIC 26 15:11:02.2, 0.7, 47°36'N:153°7E:0.2, h33km, 4km, mb4.5/25 Error ellipse: s-maj=17.0km s-min=9.9km az=114.0
ISC 26 15:11:02.4:0.7, 47.4N:0.1x153.8E:0.1, h31km, n70, c1539/61, mb4.3/25, Kuri Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PEAOB, PETK, PETK, PETK, PET, YSS, ASAJ, ERM, MAZ, KLR, USRK, USRK, MJAR, JHJZ, KRSR, SDPT, H11N1, H11N1, H11N3, H11S1, H11S3, H11S2, SONM, SVW2, SVW2, MDM, MDM, SML, SML, WRH, HDA, ILAR, BMAR, SCRK, L27K, L27K, BCAR, F28M, CTGM, CTGM, I28M, G30M, G30M, I28M, ZALV, ZALV, MKAR, MKAR, MKAR, KURK, KURK, KURB, BVAR, BRVK, BRVK, ARU, ARU, ARU, GUN, RAMN, PKIN, DAMN, GKN, DANN, KOLN, PYUN, ABKAR, FINES, FINES, FINES, NC303, NC405, NB201, NB201, NOA, HFS, AKASA, ASAR, ASAR, EKA.

1913

Table with columns: TXAR, GRAFI, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lajitas Array, Grafenberg Arr, and Songino Array.

IDC 26 15:16:29.8-999.0,47.35N;45.49E,h0km, Error ellipse: s-maj=6290.0km s-min=179.4km az=65.0, Ukraine-Moldova-Southwestern Russia region

JMA 26 15:21:32.9-0.2,26.6N;0.7-12.9E,h25km,2km, MV3.3/10, NEAR OKINAWAJIMA ISLAND

ISC 26 15:21:32.8-1.6,26.57N;0.06-128.66E;0.08,h31km,9km, n20,0.072/29,m3.6/9,Ryukyu Islands

Main table for 1913 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Kunigami, Yoronjima, Nagotoyohara, etc.

IDC 26 15:28:19.7-2.1,4.89S;127.89E,h0km,mb3,8/1, mbtmp4.0/3,ML4.1/2, Error ellipse: s-maj=125.7km s-min=30.3km az=66.0

DJA 26 15:28:40.9-0.3,5.3S;127.92E,h228km,7km,M4.1/13, mb4.1/6,mb4.9/2,MLV4.1/13,Mv(mB)4.2/2

ISC 26 15:28:40.9-1.0,4.93S;129.38E;0.09,h250km,n20,0.15/21,Banda Sea

Table for 1913 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BNDI, NLAI, FAKI, etc.

STR 26 15:45:09.3-1.6,45N;7.1E,h0km,MLV1.1/5, Error ellipse: s-maj=0.0km s-min=0.0km az=50.4,preliminary, France

Table for 1913 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GDM, SURF, JAUF, etc.

NEIC 26 16:07:46.8-1.4,15.65N;0.08-94.48W;0.04,h42km,19km, mb4.1/14,Md4.3/28(MEX), Error ellipse: s-maj=11.7km s-min=5.2km az=174.0

MEX 26 16:07:48.4-0.8,15.73N;94.50W,h46km,15km,Md4.3

ISC 26 16:07:46.9-1.0,15.72N;0.04-94.50W;0.02,h46km,15km, n52,0.158/83,Near coast of Oaxaca

Table for 1913 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CARR, NIIT, PCIG, etc.

2017 SEP

Main table for 2017 SEP with columns: HUIG, Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Huatulco, Tuxtla Gutierrez, El Naranjo, etc.

TAP 26 16:17:02.0,21.36N;121.92E,h176km,ML3.9,D

ISC 26 16:17:03.1-3.1,21.5N;0.1-121.38E;0.08,h174km,12km, n118,0.0878/223,Taiwan region

Table for 2017 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Lan-yu, Hengchuen, Pin, etc.

26d 16h

Main table for 26d 16h with columns: EDH, Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Donghe, LONT, MASBT, etc.

26d 16h

Table with columns: WHYT, Call Sign, Frequency, Power, Mode, Station Name, and other technical details for various radio stations.

2017 SEP

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, and other technical details for radio stations.

1914

Table with columns: ENT, Call Sign, Frequency, Power, Mode, Station Name, and other technical details for various radio stations.



26d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDBI Mazsada, MSBI Mazsada, KRMI Paran Flat, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBZ Khabaz, AKASO Malin Array Be, GERES GERESE Array B, etc.

NEIC 26 18:21:36.7z 1.5, 19.3N; 0.1x 155.21W; 0.05, h22km, 13km, Error ellipse: s-maj=20.6km s-min=5.4km az=170.0

HVO 26 18:21:38.0z 1.0, 19.29N; 0.01, 155.231W; 0.007, h9km, 2km, ML3.3/30, ML3.3/45(NEIC), Error ellipse: s-maj=2.0km s-min=0.9km az=166.0, Hawaiian Islands

Main table for 26d 18h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HLP Hilina Pali, PUAH Pauahi, KNHH Kane Nui o Ham, etc.

2017 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALEP Alea Permanent, POHA Pohakuloa, CPH Captain Cook, etc.

ICD 26 18:33:40.9z 3.1, 18.49S; 174.66W, h80km, 28km, mb4.1/10, mbmp4.4/11, Error ellipse: s-maj=26.4km s-min=16.8km az=112.0

NEIC 26 18:33:43.1z 1.9, 18.37S; 0.09, 174.19W; 0.10, h31km, 11km, mb4.6/29, Error ellipse: s-maj=15.3km s-min=11.9km az=45.0

ISC 26 18:33:45.7z 0.7, 18.58S; 0.09, 174.5W; 0.1, h130km, n74, @142/70, mb4.5/26.3C, Tonga Islands

Main table for 2017 SEP section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, MSVF Nonsavu, etc.

1916

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, VNA1 Neumayer-Strat, BVAR Borovoye Array, etc.

NEIC 26 18:53:43.9z 2.6, 16.38N; 0.09, 95.10W; 0.04, h65km, 10km, mb4.3/84, M4.2/84(MEX), Error ellipse: s-maj=12.8km s-min=5.7km az=185.0

MEX 26 18:53:46.9z 6.1, 16.51N; 95.18W, h69km, 22km, MD4.8, ICD 26 18:53:46.9z 3.2, 16.67N; 94.89W, h53km, 26km, mb3.8/15, mbmp4.0/17, ML4.1/2, MS3.0/6, Error ellipse: s-maj=24.0km s-min=13.5km az=56.0

ISC 26 18:53:41.1z 1.6, 16.58N; 0.05, 95.16W; 0.03, h18km, n7km, n11, @182/147, mb4.9/30, MS3.5/Oaxaca

Main table for 1916 section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NILT Santiago Nite, ULXV ULXUV, CARR Arriaga, etc.







1919 2017 SEP 26d 19h

Table with columns for station name, coordinates, and various data points. Includes stations like LSA Lhasa, HEH Heihe, GOMU Geerlu, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like MKAR Makanchi Array, SHLS Shalkoke, SEY Seymchan, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like S14K Fog Glacier, ARQ Araqi, O14K Tigykauivet M, etc.

26d 19h

F19K	Shalercukik Mo	80.95	22	P	P	19 20 31.1	-0.3
J19K	Pooman	80.96	25	P	P	19 20 31.2	-0.4
G19K	Purcell Mouna	80.99	23	P	P	19 20 31.5	-0.2
SBA	Scott Base	81.05	173	P	P	19 20 31.8	0.0
SBA	Scott Base	81.05	173	P	P	19 20 31.8	0.0
H19K	Roundabout Mou	81.06	23	P	P	19 20 31.8	-0.2
C19K	Lookout Ridge	81.07	20	P	P	19 20 32.3	+0.2
E19K	Redstone River	81.35	22	P	P	19 20 33.7	+0.1
D19K	Kuna River	81.36	20	P	P	19 20 33.3	-0.4
K20K	Telida	81.46	26	IAMB	IAMB	19 21 04.2	
K20K	Telida	81.46	26	P	P	19 20 34.5	+0.2
M20K	Styx River	81.52	27	IAMB	IAMB	19 20 35.0	
M20K	Styx River	81.52	27	P	P	19 20 34.6	-0.1
J20K	Nowinta River	81.63	25	IAMB	IAMB	19 21 04.2	
J20K	Nowinta River	81.63	25	P	P	19 20 35.2	+0.1
I20K	Naaghedenee	81.66	24	P	P	19 20 35.5	+0.3
H20K	Anotleneega Mo	81.68	24	P	P	19 20 35.5	+0.2
F20K	Avaraat Lake	81.78	22	P	P	19 20 35.8	-0.1
D20K	Etiyuk River	81.95	20	P	P	19 20 36.8	0.0
E20K	Nigu River	81.97	21	P	P	19 20 37.1	+0.1
P20K	Purkeypile	82.18	27	P	P	19 20 38.0	0.0
BRSE	Bradley Lake S	82.21	30	P	P	19 20 38.6	+0.4
SKT	Skwentna	82.28	28	IAMB	IAMB	19 20 39.2	
SKT	Skwentna	82.28	28	P	P	19 20 37.5	-1.1
CAST	Castle Rocks	82.34	26	P	P	19 20 37.4	-1.5
CAST	Castle Rocks	82.34	26	P	P	19 20 38.3	-0.6
CHUM	Lake Minchumin	82.34	26	P	P	19 20 38.8	-0.1
G21K	Alakaket	82.49	23	P	P	19 20 39.1	-0.5
SUA	Susitna One	82.54	28	P	P	19 20 39.7	-0.4
H21K	Melozitna Rive	82.55	24	P	P	19 20 38.8	-1.2
H21K	Melozitna Rive	82.55	24	IAMB	IAMB	19 20 54.3	
H21K	Melozitna Rive	82.55	24	P	P	19 20 40.0	0.0
F21K	Alatna River	82.67	22	P	P	19 20 40.6	0.0
C21K	Knifeblade Rid	82.72	20	P	P	19 20 40.9	+0.1
E21K	Kilik River	82.81	21	P	P	19 20 41.9	+0.6
O22K	Cooper Landing	82.84	29	P	P	19 20 40.5	-1.1
KTH	Kantishna Hill	82.88	26	IAMB	IAMB	19 20 42.2	
KTH	Kantishna Hill	82.88	26	IAMS_20	IAMS_20	19 51 45.3	
M22K	Willow	82.89	28	P	P	19 20 40.9	-0.8
B21K	Kipikuk River	82.90	20	P	P	19 20 41.0	-0.6
SEW	Seward	82.91	30	P	P	19 20 41.3	-0.6
RC01	Rabbit Creek A	82.95	29	P	P	19 20 41.9	-0.2
BPBW	Bear Paw Mtn.	82.96	25	P	P	19 20 42.3	+0.2
TRF	Thorfare Moun	83.14	26	P	P	19 20 43.2	0.0
A22K	Sinclair Lake	83.17	18	P	P	19 20 42.9	-0.2
H22K	Ishaititna Cre	83.18	24	P	P	19 20 43.1	-0.1
F22K	John River	83.23	22	P	P	19 20 43.5	0.0
MLY	Manley	83.26	25	P	P	19 20 42.9	-0.8
MLY	Manley	83.26	25	IAMB	IAMB	19 20 45.9	
MLY	Manley	83.26	25	P	P	19 20 43.4	-0.3
PMR	Palmer	83.33	28	IAMB	IAMB	19 20 53.0	
PMR	Palmer	83.33	28	P	P	19 20 43.7	-0.3
G22K	Bettles	83.35	23	P	P	19 20 43.2	-0.8
D22K	Ayikyak River	83.38	21	P	P	19 20 43.7	-0.5
B22K	Teshkpek Lake	83.49	19	P	P	19 20 44.8	+0.1
MAW	Mawson	83.51	201	P	P	19 20 44.8	0.0
MAW	Mawson	83.51	201	LR	LR	19 56 48.7	
E22K	Anaktuvuk Pass	83.51	21	P	P	19 20 44.8	-0.1
PWL	Port Wells	83.58	29	P	P	19 20 43.4	-2.0
PWL	Port Wells	83.58	29	P	P	19 20 44.5	-0.9
KNK	Knik Glacier	83.61	28	IAMB	IAMB	19 20 55.7	
KNK	Knik Glacier	83.61	28	P	P	19 20 45.0	-0.6
SML	Sawmills	83.74	28	P	P	19 20 46.3	+0.1
RND	Reindeer	83.76	26	IAMB	IAMB	19 20 46.5	
MCK	McKinley	83.78	26	P	P	19 20 46.1	-0.3
WAT1	Susitna Watana	83.80	27	P	P	19 20 46.1	-0.5
I23K	Minto, Yukon-K	83.86	25	P	P	19 20 46.1	-0.6
I23K	Minto, Yukon-K	83.86	25	P	P	19 20 46.3	-0.3
NEA2	Nenana	83.88	25	P	P	19 20 46.8	0.0
G23K	Bananza Creek	83.89	23	P	P	19 20 46.0	-0.8
H23K	Yukon River	83.91	24	IAMB	IAMB	19 21 01.4	
H23K	Yukon River	83.91	24	P	P	19 20 46.4	-0.6
P23K	Montague Islan	83.91	30	P	P	19 20 46.6	-0.5
COLD	Coldfoot	83.92	22	P	P	19 20 46.5	-0.4
M23K	Glacier View	84.02	28	P	P	19 20 47.6	0.0
D23K	Nanushuk River	84.10	21	P	P	19 20 47.6	-0.3
WAT6	Susitna Watana	84.13	27	P	P	19 20 48.9	+0.5
GLI	Glacier Island	84.19	29	IAMS_20	IAMS_20	19 58 31.0	
GLI	Glacier Island	84.19	29	P	P	19 20 48.7	+0.2
SCM	Sheep Creek Mo	84.21	28	P	P	19 20 49.2	+0.5
WRH	Woodly Dome	84.27	25	IAMB	IAMB	19 20 58.3	
MDM	Murphy Dome	84.30	25	P	P	19 20 47.6	-1.3
E23K	Chandalal	84.30	22	P	P	19 20 49.3	+0.2
D33K	Ikkilik River	84.31	20	P	P	19 20 49.1	+0.2
CHY	Denali Highway	84.37	27	P	P	19 20 49.8	+0.3
CCB	Clear Creek Bu	84.42	25	IAMB	IAMB	19 20 49.6	

2017 SEP

COLA	College	84.44	25	P	P	19 20 49.8	+0.2
H24K	Noodor Dome	84.58	24	IAMB	IAMB	19 21 00.7	
H24K	Noodor Dome	84.58	24	P	P	19 20 49.7	-0.8
POKR	Poker Plat Res	84.65	25	P	P	19 20 49.9	-0.9
E24K	Your Creek	84.72	22	P	P	19 20 51.0	-0.1
HDA	Harding Lake	84.75	25	P	P	19 20 50.2	-1.1
M24K	Tolsona, Glenn	84.79	28	P	P	19 20 51.1	-0.4
D24K	Happy Valley	84.79	21	P	P	19 20 51.4	0.0
EYAK	Cordova Ski Ar	84.80	29	P	P	19 20 51.8	+0.2
KLU	Klutina	84.83	28	P	P	19 20 51.9	+0.1
ILAR	Eielson Array	84.83	25	P	P	19 20 49.6	-2.0
ILAR	Eielson Array	84.83	25	P	P	19 20 50.9	-0.8
ILAR	Eielson Array	84.83	25	LR	LR	19 55 04.2	
F24K	Squaw Lake	84.85	22	P	P	19 20 51.7	-0.1
G24K	Hadweenciz Riv	84.88	23	P	P	19 20 51.4	-0.5
K24K	Donnelly Dome	85.18	26	P	P	19 20 52.8	-0.7
HARP	HAARP	85.30	28	P	P	19 20 54.5	+0.4
BMRM	Bremner River	85.40	29	P	P	19 20 54.1	-0.6
G25K	Bearman Lake	85.43	23	P	P	19 20 54.0	-0.1
J25K	Salcha River,	85.46	25	P	IAMB	19 20 53.3	-1.6
J25K	Salcha River,	85.46	25	IAMB	IAMB	19 21 08.8	
J25K	Salcha River,	85.46	25	P	P	19 20 54.5	-0.4
N25K	Chitina, Valde	85.47	28	P	P	19 20 54.7	-0.4
H25L	Birch Creek	85.48	24	P	P	19 20 54.7	-0.1
KIRV	Kirov	85.51	329	LR	LR	20 00 45.6	
HMT	Hamilton	85.51	30	IAMS_20	IAMS_20	20 02 31.1	
RIDG	Independent Ri	85.59	26	IAMB	IAMB	19 21 05.0	
RIDG	Independent Ri	85.59	26	P	P	19 20 55.2	-0.4
MAK	Makhachkala	85.70	313	eP	P	19 20 51.7	-4.7
MAK	Makhachkala	85.70	313	eP	P	19 24 10.1	
MAK	Makhachkala	85.70	313	eSS	SS	19 31 13.7	
MAK	Makhachkala	85.70	313	pmax	pmax	19 37 04.0	-0.9
F25K	Christian Rive	85.72	22	P	P	19 20 56.0	-0.1
E25K	Arctic Village	85.81	22	P	P	19 20 56.8	+0.3
GLB	Gilahina Butte	85.83	29	IAMB	IAMB	19 20 58.0	
GLB	Gilahina Butte	85.83	29	IAMS_20	IAMS_20	19 51 55.5	
SCRB	Sand Creek	85.99	26	P	P	19 20 57.1	-0.5
MENT	Mentasta	86.01	27	IAMB	IAMB	19 21 30.8	
BELG	Belogornyye	86.08	322	LR	LR	20 02 35.5	
CRQE	Cirque	86.12	29	P	P	19 20 58.1	-0.2
L26K	Log Cabin Wild	86.19	27	P	P	19 20 58.2	-0.3
MCARA	McCarthy VSAT	86.20	29	P	P	19 20 58.7	+0.1
J26L	Joseph Creek	86.22	26	IAMB	IAMB	19 21 08.4	
J26L	Joseph Creek	86.22	26	P	P	19 20 59.1	+0.4
TGL	Tana Glacier	86.25	29	IAMB	IAMB	19 21 09.4	
F26K	Sheenjek River	86.30	22	P	P	19 20 59.3	+0.3
M26K	Nabesna, AK	86.30	28	P	P	19 20 59.9	+0.8
G26K	Porcupine Rive	86.36	23	P	P	19 21 00.2	+1.0
I26K	Coal Creek Min	86.47	25	P	P	19 20 59.8	0.0
MESA	MESA	86.65	30	P	P	19 21 01.7	-0.4
GRNC	Granite Creek	86.78	29	P	P	19 21 01.1	-0.6
M27K	Edge Creek, AK	86.81	28	IAMB	IAMB	19 22 07.2	
M27K	Edge Creek, AK	86.81	28	P	P	19 21 02.4	+0.7
K27K	Chicken	86.83	26	P	P	19 21 01.7	+0.1
L27K	Beaver Creek,	86.88	27	P	P	19 21 02.1	+0.2
GROC	Groznyy	86.96	313	eP	P	19 21 02.0	-0.7
GROC	Groznyy	86.96	313	pmax	pmax	19 21 04.5	
GROC	Groznyy	86.96	313	pmax	pmax	19 21 04.5	
CTG	Chitina Glacier	86.99	29	P	P	19 21 02.6	-0.1
I27K	Kandik River	87.13	24	P	P	19 21 02.7	-0.4
G27K	Doyon Strip	87.19	23	P	P	19 21 02.9	-0.4
H27K	Steamboat Moun	87.20	24	P	P	19 21 03.6	+0.2
E27K	Coleen River	87.30	22	P	P	19 21 04.0	+0.2
TAOE	Nuku Hiva Isla	87.33	99	eLR	LR	19 48 39.0	
YUK3	Moose Creek	87.45	28	P	P	19 21 04.3	-0.6
PINM	Pinnacle	87.49	30	P	P	19 21 04.6	-0.3

1921

Table with columns for name, values, and status. Includes entries like DRE Drenchia, GORS Gorjuse, ROBS Robic, PRED Cave del Predi, etc.

2017 SEP

Table with columns for name, values, and status. Includes entries like ZOU, CLUD Cludnicino, CEY Cerknica, STAL STALIGAL, etc.

26d 19h

Table with columns for name, values, and status. Includes entries like CRES Cresnjev, SMRN Sveta Marina, BOUS Bojanci, GOLZ Golise, etc.

26d 20h

Table with columns: KHC, Kasperes Hory, 2.86 357 ePN Pn, 19 15 28.5 +2.2, 19 16 11.3 -1.0

GUC 26 19:37:51.8±0.6, 37°27'S, 74°99'W, h18km±4km, ML3.9, 3C, Off coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

IDC 26 19:43:48.8±4.0, 49°44'N, 28°46'E, h0km, Error ellipse: s-maj=54.6km s-min=32.6km az=112.0, Ukraine-Moldova-Southern Russia region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

IDC 26 19:59:28.0±3.5, 49°42'N, 28°50'E, h0km, mb3.2/1, mbtmpp.3/4/1, Error ellipse: s-maj=30.6km s-min=27.4km az=179.0, Ukraine-Moldova-Southern Russia region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

NEIC 26 20:14:03.8±0.7, 37°28'N, 0°01'97.97W, 0°01', h4km±2km, mb\_Lg2.7/35, ML2.6/21, ML2.9/48, Error ellipse: s-maj=1.6km s-min=1.3km az=197.0

NEIC 26 20:14:03.7±0.8, 37°26'N, 0°00'89.95W, 0°01', h4km±2km, Error ellipse: s-maj=1.5km s-min=1.1km az=53.0, Kansas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

2017 SEP

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

s-maj=259.0km s-min=164.6km az=99.0, United Kingdom

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

MOS 26 20:22:07.9±0.9, 40°27'N, 142°14'0E, h25km, mb6.3/97, MS5.5/80, Error ellipse: s-maj=5.5km s-min=3.5km az=110.7

BUI 26 20:22:09.8±0.0, 40°18'N, 142°32'E, h46km, mb5.8/95, M85.8/64, MS5.5/99, MS7.5/595

NEIC 26 20:22:11.6±1.4, 40°34'N, 0°05:142.34E, 0°08, h37km, 1km, mb6.1/878, Ms 20.5/3893, Mw5.9/84, Mw5.9/37, Mw5.8/23, Error ellipse: s-maj=9.9km s-min=7.7km az=271.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; M=4.94; M=1.62; M=3.33; M=3.25; M=0.61; M=5.20; Fault plane solution: M7.550000\*10¹⁷, 1.000000; 317.600000; 7.928000; NP2: ϕ=29.38000°, δ72.78000°, λ93.69000°. Principal axes: T 8.1919, Plg62.0000°, Azm305.0000°; N -1.5126, Plg4.0000°, Azm208.0000°; P -6.6793, Plg28.0000°, Azm116.0000°;

NEIC 26 20:22:11.2±0.4, 40°27'N, 142°46'E, h35km, MW5.8, Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁷Nm; M=3.69; M=0.93; M=0.46; M=1.98; M=1.16; M=3.95; Fault plane solution: M6.180000\*10¹⁷, NP1: ϕ=24.00000°, δ69.00000°, λ102.00000°. NP2: ϕ=174.00000°, δ24.00000°, λ52.00000°;

NEIC 26 20:22:11.4±0.32N, 142°38'E, h36km, NEIC 26 20:22:11.4±0.32N, 142°64'E, h40km, Moment Tensor Solution. Duration: 43s Moment tensor: Scale 10¹⁷Nm; M=5.23; M=0.43; M=0.56; M=2.04; M=1.16; M=4.48; Fault plane solution: M7.430000\*10¹⁷, NP1: ϕ=20.190000°, δ66.00000°, λ98.85000°. NP2: ϕ=179.20000°, δ25.46000°, λ70.90000°. Principal axes: T 7.1944, Plg68.0000°, Azm307.0000°; P 0.4694, Plg8.0000°, Azm197.0000°; M -7.6638, Plg21.0000°, Azm104.0000°;

JMA 26 20:22:11.2±0.1, 40°31'N, 142°55'E, 0°5, h35km, MD6.1/40, MW5.9/40, NE OFF IWATE PREF

JMA Feil JV1 at NE OFF IWATE PREF

NEIC 26 20:22:11.5±0.4, 40°32'N, 142°56'E, h36km, NEIC 26 20:22:11.4±0.32N, 142°38'E, h40km, IDC 26 20:22:13.2±0.5, 40°32'N, 142°36'E, h49km±4km, mb5.5/35, mbtmpp.5/43, MS5.3/87, Error ellipse: s-maj=10.0km s-min=9.5km az=87.0

GCMT 26 20:22:15.6±0.1, 40°31'N, 142°53'E, h44km, MW5.9/157, Moment Tensor Solution. s150.c320; s157.c497; Duration: 2s2 Moment tensor: Scale 10¹⁸Nm; M=0.72±.01; M=0.01±.01; M=0.71±.01; M=0.28±.01; M=0.17±.00; M=0.56±.01; Best double couple: M=0.963000\*10¹⁸, NP1: ϕ=22.00000°, δ25.00000°, λ95.00000°. NP2: ϕ=184.00000°, δ26.00000°, λ74.00000°. Principal axes: T 0.9560, Plg69.0000°, Azm306.0000°; N 0.0150, Plg7.0000°, Azm198.0000°; P -0.9700, Plg20.0000°, Azm106.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

BGR 26 20:22:15.2±0.4, 40°31'N, 142°20'E, h27km±2km, mb5.8

NEIC 26 20:22:34.7±0.4, 40°28'N, 142°64'E, h48km, Moment Tensor Solution. Duration: 49s Moment tensor: Scale 10¹⁷Nm; M=6.44; M=0.33; M=6.11; M=0.53; M=0.147; M=5.72; Fault plane solution: M8.630000\*10¹⁷, NP1: ϕ=196.90000°, δ24.51000°, λ99.87000°. NP2: ϕ=8.08000°, δ36.68000°, λ85.53000°. Principal axes: T 8.6507, Plg69.0000°, Azm269.0000°; N -0.0326, Plg4.0000°, Azm10.0000°; P -8.6181, Plg21.0000°, Azm101.0000°;

ISC 26 20:22:12.2±0.2, 40°28'N, 0°02:142.39E, 0°02, h46km±1km, h46km±1km, P-N3211, 1°S60/3100, mb6.1/751, MS5.4/607, 267C-89D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC

IDC 26 20:17:48.5±66.0, 53°96'N, 0°23'E, h0km, Error ellipse:

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KJB Kayabe, JSR Shiruichi, JNBK Urawaka-nobuka, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like JRA Rausu, JHYU Hitachinakayama, JYU Hitachinakayama, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like YSS comp=Z,1.5um,16.0s, MLR, JMKM Mikurajimanih, etc.

26d 20h

Table with columns for city names (e.g., UWA2, TYV, JTO, JTY, JKI, etc.), flight numbers, times, and status indicators (P, S, M, etc.).

2017 SEP

Table with columns for city names (e.g., PETK, JTK, JOKE, etc.), flight numbers, times, and status indicators (P, S, M, etc.).

1924

Table with columns for city names (e.g., HHC, HHC, HHC, etc.), flight numbers, times, and status indicators (P, S, M, etc.).

1925

Table with columns for station ID, name, frequency, and signal quality. Includes stations like CNSH ChangSha, AMKA Amchitka, H11N2 WAKE ISLAND, etc.

2017 SEP

Table with columns for station ID, name, frequency, and signal quality. Includes stations like SP1A Saint Paul Is, QIZ Qiongzong, MIDW Midway, etc.

26d 20h

Table with columns for station ID, name, frequency, and signal quality. Includes stations like O14K Tigykauiviet M, K15K Wocreek M, H16K Elim, etc.

26d 20h

Table with columns for station ID, name, coordinates, and status. Includes stations like KKM, G18K, H18K, M17K, etc.

2017 SEP

Table with columns for station ID, name, coordinates, and status. Includes stations like CHTO, LBMI, H20K, etc.

1926

Table with columns for station ID, name, coordinates, and status. Includes stations like FAKI, O20K, SILR, etc.





26d 20h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like L27K Beaver Creek, TKM2 Tokmak 2, SNH Sunshine Point, etc.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like H29M Whitestone, G29M Pine Creek, PYUN Piuthan, etc.

1928

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like H31M Peel River, P29M Windy Craggy, P29M Windy Craggy, etc.

1929 2017 SEP 26d 20h

Table with columns for station call letters, name, frequency, power, and signal quality. Includes stations like KMMI, PLAI, COEN, PSI, C36M, etc.

Table with columns for station call letters, name, frequency, power, and signal quality. Includes stations like KHU, KLU, MLH, AIN, WRLGY, etc.

Table with columns for station call letters, name, frequency, power, and signal quality. Includes stations like CTAO, WBO, WBB, ADZR, WRAB, etc.

26d 20h

2017 SEP

1930

Table with 4 columns: Station Name, Frequency, Mode, and Signal Strength. Includes stations like GNW Green Mountain, E03A Lebam, MBWA Marble Bar, etc.

Table with 4 columns: Station Name, Frequency, Mode, and Signal Strength. Includes stations like MSVF Nonsavu, MORB Moi Rana, DBO Roma, etc.

Table with 4 columns: Station Name, Frequency, Mode, and Signal Strength. Includes stations like AULRC Lightning Ridg, ORV Oroville, PLID Pearl Lake, etc.



26D 20h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KAVT, DECC, DECO, SAKB, KLBR, etc.

2017 SEP

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MDND, MDND, MDND, MDND, NWAOW, etc.

1932

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PGOR, CBX, AMRR, AMRR, AMRR, etc.



26d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NEWG New Galloway, LEF Lefka, BOVS Govan, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like SIGR SIGRI, SIGR SIGRI, RUDD RUDE, etc.

1934

Table with columns for station name, frequency, power, and other technical details. Includes stations like NEVS Nevesinje, STAL STALIGAL, RYJ Rijeka, etc.



1935

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AGG, ATHU, LSK, VLY, E46A, etc.

2017 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PPT2, L42A, KAN13, etc.

26d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ORIF, TIP, SN01, MEH, etc.

26d 20h

Table with columns for station ID, name, time, and various performance metrics. Includes stations like SLM Saint Louis, HHAR Hobbs, LOOK Love County, etc.

2017 SEP

Table with columns for station ID, name, time, and various performance metrics. Includes stations like JCT Junction City, S44A Carbondale, J55A Hilton, etc.

1936

Table with columns for station ID, name, time, and various performance metrics. Includes stations like J57A Williamstown, ALLY Allegheny Cole, ATD Arta Tunnel, etc.

1937

Table with columns for call sign, frequency, mode, and other details. Includes entries like OS2A, P51A Williamsport, P51A Williamsport, etc.

2017 SEP

Table with columns for call sign, frequency, mode, and other details. Includes entries like Q52A Bidwell, Q52A Bidwell, Q52A Bidwell, etc.

26d 20h

Table with columns for call sign, frequency, mode, and other details. Includes entries like Q56A Snyder Ridge, Q56A Snyder Ridge, Q56A Snyder Ridge, etc.

26d 20h

Table of station data for the 26d 20h period. Columns include call sign (e.g., X51A, V53A), frequency (e.g., 93.73), power (e.g., 35), and other parameters (e.g., IAMB, IAMS\_20).

2017 SEP

Table of station data for the 2017 SEP period. Columns include call sign (e.g., EBAD, DILA), frequency (e.g., 96.51), power (e.g., 336), and other parameters (e.g., P, P, P).

1938

Table of station data for the 1938 period. Columns include call sign (e.g., MAW, Mawson), frequency (e.g., 122.79), power (e.g., 207), and other parameters (e.g., PKIKP, PKIKP).



26d 21h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like OMRZ, MKRZ, URZ, MWZ, etc.

2025 SEP

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like QLP, AULHS, TOO, etc.

2025 SEP

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SOEI, NLAI, KLBK, etc.

1940

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SOEI, NLAI, KLBK, etc.

1941

Table with 3 columns: call sign, name, and various data points including frequency, power, and location.

2017 SEP

Table with 3 columns: call sign, name, and various data points including frequency, power, and location.

26d 21h

Table with 3 columns: call sign, name, and various data points including frequency, power, and location.





1943 2017 SEP 26d 21h

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., SNR, S/N, etc.).

26d 22h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include RONA Rosalia, AUSA, MORH Mrgy, VTS Vitosa, etc.

ISC 26 21:39:57.8-4.3, 49.47N:28.53E, h0km, Error ellipse: s-maj=34.9km s-min=23.7km az=20.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include AKASG Malin Array Be, AKASG, I43RU DUBNA INFRASON, I31KZ AUBYBINSK INF, etc.

ISK 26 21:45:22.6, 36.86N-27.34E, h11km, ML1.0/5, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include RFTB Kemer-Bodrum, BODT Bodrum, RFTD Palamutbuku-Ka, etc.

ISK 26 21:46:41.2, 36.86N-27.26E, h4km, ML1.4/5, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include RFTB Kemer-Bodrum, BODT Bodrum, RFTD Palamutbuku-Ka, etc.

ISC 26 21:50:22.2, 1.1, 0.33N:129.68E, h0km, mb3.9/5, mbmp4.0/5, Error ellipse: s-maj=55.0km s-min=17.9km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include SIJI Sorong, SIJI, WRA Warramunga Arr, etc.

2017 SEP

Main event table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

NEIC 26 21:51:23.3, 1.8, 40.26N:0.08:127.0W:0.1, h12km, 2km, Error ellipse: s-maj=13.5km s-min=13.3km az=223.0

NEIC 26 21:52:26.1, 3.4, 40.39N:0.08:126.81W:0.09, h7km, 13km, ML2.8/28, ML3.0/6(NECEDC), Error ellipse: s-maj=12.1km s-min=10.1km az=213.0, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include KSMML Slide Mountain, KSMMP Mount Pierce, etc.

NEIC 26 21:53:19.5, 1.1, 38.79N:0.01:119.62W:0.02, h4km, 6km, Error ellipse: s-maj=1.9km s-min=1.6km az=101.0

REN 26 21:53:19.1, 2.38, 78.3N:0.008:119.62W:0.02, h6km, 5km, ML2.8/7, ML2.8/26(NEIC), Error ellipse: s-maj=2.7km s-min=1.1km az=77.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include BFC Buffalo Canyon, ENBP Ebetts Pass, etc.

1944

IDD 26 22:06:04.2, 5.2, 43.15N:105.13W, h0km, mbmp3.4/2, ML3.2/2, Error ellipse: s-maj=49.1km s-min=10.1km az=155.0

NEIC 26 22:06:08.3, 1.1, 43.60N:0.05:105.32W:0.08, h0km, 2km, ML3.2/34, Error ellipse: s-maj=10.0km s-min=8.2km az=68.0

ISC 26 22:06:07.0, 1.1, 43.63N:0.06:105.30W:0.06, h0km, n20, r1922/19, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include RSSD Black Hills Casper, PHWY Pilot Hill, RWWY Rawlins, etc.

IDD 26 22:06:37.7, 1.0, 31.71S:72.13W, h0km, mb4.1/4, mbmp3.9/8, ML3.9/4, Error ellipse: s-maj=24.0km s-min=21.1km az=172.0

NEIC 26 22:06:39.0, 1.3, 31.78S:0.04:72.24W:0.08, h14km, 6km, mb4.3/7, ML4.0(GUC), Error ellipse: s-maj=10.2km az=96.0

GUC 26 22:06:39.9, 0.8, 31.68S:72.24W, h27km, 4km, ML4.1

ISC 26 22:06:38.4, 3.2, 31.75S:0.03:72.26W:0.06, h11km, 20km, n8:05/9/106, mb4.3/7, 2C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Rows include CO02 Combarbal, CO02 Combarbal, VA01 Torpederas, etc.

Table with columns: ZON, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zonda, Huala, Sierra Bellavi, etc.

SEA 26:22:158.7, 2.4, 44.25N, 0.02, 123.95W, 0.04, h24km, 6km, ML2.8/14, ML2.6/32(NEIC), Error ellipse: s-maj=4.2km s-min=3.0km az=72.0, Oregon

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I02E, I02E, NEWO, etc.

SEA 26:22:14.43.9, 1.3, 49.50N, 28.60E, h0km, mb2.9/1, mbtpm2.3/ML2.5/2, MS3.6/1, Error ellipse: s-maj=25.5km s-min=11.4km az=110.0, Ukraine-Moldova-Southwestern Russia region

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

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

SEA 26:22:19.32.3, 2.0, 247S, -11.77W, h0km, mb3.7/4, mbtpm3.7/4, Error ellipse: s-maj=127.2km s-min=31.8km az=106.0, North of Ascension Island

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H10N2, ASCENSION HYDR, etc.

SEA 26:22:150.6, 57.8, 0.59, 92N, 147.90W, h0km, Error ellipse: s-maj=285.6km s-min=101.6km az=9.0, Gulf of Alaska

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I53US, FAIRBANKS INFR, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I02E, I02E, NEWO, etc.

SEA 26:22:30.40.8, 1.0, 2.29S, -11.86W, h0km, mb4.3/13, mbtpm4.3/13, MS4.0/35, Error ellipse: s-maj=47.6km s-min=20.4km az=102.0, GCMT 26:22:30.41, 8.0, 4.24S, 0.04, 123.17W, 0.02, h13km, 1km, MW4.9/75, Moment Tensor: Solution, s24, c26, -875, c91; Duration: 0. Moment tensor: Scale 1016Nm; Mw=2.145, 21; Mw=0.12, 12; Mw=2.02, 15; Mw=1.99, 50; Mw=0.52, 209; Mw=1.61, 40; Best double couple: Mc3.17800x10^16 NP1.3e25.00000, d70.00000, l-64.00000. NP2: o150.00000, s32.00000, l-140.00000. Principal axes: T 2.5840, Plg21.0000, Azm96.0000; N 1.1850, Plg24.0000, Azm195.0000; P -3.7730, Plg57.0000, Azm329.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I02E, I02E, NEWO, etc.

SEA 26:22:30.41, 2.0, 5.24S, 0.1, -11.9W, 0.1, h10km, 1m39, s149/100, mb4.7/47, MS4.0/36, 1D, North of Ascension Island

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H10N2, ASCENSION HYDR, etc.

SEA 26:22:30.41, 8.1, 4.24S, 0.1, -11.9W, 0.1, h10km, 1km, NEIC 26:22:30.41, 8.1, 4.24S, 0.1, -11.9W, 0.1, h10km, 1km, mb4.8/46, Error ellipse: s-maj=25.6km s-min=16.6km az=138.0

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H10N2, ASCENSION HYDR, etc.

SEA 26:22:21.58, 8.2, 44.26N, 0.02, 124.02W, 0.04, h26km, 5km, Error ellipse: s-maj=4.2km s-min=3.3km az=71.0

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I53US, FAIRBANKS INFR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MACA, Manacapuru-AO, BOAV, Boa Vista, etc.

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like I53US, FAIRBANKS INFR, etc.



Table listing station data for 1947, including station names (e.g., RK1H, HEH, AS31), coordinates, and various parameters like Phase ID, Time, and Res.

Table listing station data for 2017 SEP, including station names (e.g., H01W1, H01W2), coordinates, and various parameters like Phase ID, Time, and Res.

Table listing station data for 27d 0h, including station names (e.g., GYA0B, ASAR), coordinates, and various parameters like Phase ID, Time, and Res.

IDC 27 00:04:48.5, 1.4, 49.333x124.97E, h0km, mb3.7/5, mbtmp3.8/5, MS3.37, Error ellipse: s-maj=80.3km

IDC 27 00:28:52.9, 0.3, 36.2N; 106.614.2E; h35km, MV3.7/37, FAR E OFF IBARAKI PREF

IDC 27 00:28:52.9, 36.22N; 141.96E, h35km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^4 Nm;

IDC 27 00:54:39.3, 36.21N; 104.130E; h0.08, h2kmx21km, n40, c19/38, mb3.8/12, Near east east of eastern Honshu

27d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like H10S3 ASCENSION HYDR, H10S2 ASCENSION HYDR, TOR1 Torodi Ar. Bea, etc.

ATH 27 00:36:34.6, 37.97N, 20.21E, h7km, 2km, ML2.6/9, Error ellipse: s-maj=3.4km, s-min=1.2km, az=58.0
THE 27 00:36:35.4, 38.01N, 20.29E, h18km, ML2.8/15, Error ellipse: s-maj=1.1km, s-min=0.4km, az=76.0
ISC 27 00:36:35.1, 38.01N, 0.03, 20.28E, 0.05, h18km, 2km, n50, c0517/4, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like KEF3 Kipouria, KEF3 Kipouria, KEF3 Kipouria, etc.

2017 SEP

Table with columns: IGT, AML, AML, 00 37 33.9, 00 37 41.9, 00 37 03.6 +0.8, 00 37 35.9, 00 37 38.6, 00 37 40.0 +0.7, 00 37 48.9 +0.4, 00 37 52.5 -0.2, 00 37 54.6 -0.5, 00 38 01.3 +0.6, 00 38 02.0 0.0, 00 38 03.0 +0.1, 00 38 12.8 +0.4, 00 38 14.5 +0.4

SJA 27 00:39:33.8, 0.6, 31.69S, 72.35W, h12km, 2km, ML3.9, MW4.0
IDC 27 00:39:36.1, 1.1, 31.84S, 72.36W, h0km, mb3.8/3, mbtmp3.7/8, ML3.6/5, MS3.3/3, Error ellipse: s-maj=28.6km, s-min=24.0km, az=93.0
GUC 27 00:39:39.0, 0.7, 31.77S, 71.94W, h35km, 2km, ML3.7
ISC 27 00:39:34.6, 1.5, 31.71S, 0.02, 72.24W, 0.05, h4km, 10km, n63, c180/86, mb4.0/3, 2C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like CO02 Combarbal, CO02 Combarbal, CO02 Combarbal, etc.

IDC 27 00:51:42.7, 14.0, 18.59N, 145.59E, h280km, 152km, mb3.1/1.1, mbtmp3.7/1.1, Error ellipse: s-maj=37.3km, s-min=19.0km, az=67.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like ROCH EI Roble, ROCH EI Roble, ROCH EI Roble, etc.

1948

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like RFA San Rafael, RFA San Rafael, AC02 Juan Fernandez, etc.

WRA Warramunga Arr 39.84 197 P 00 40 58.9 -0.4
SONM Songino Array 43.11 322 P 00 59 16.4 +0.3
ASAR Alice Springs 43.50 196 P 00 59 19.4 +0.1
ZALV Zalesovo Beam 57.99 323 P 01 01 07.1 +0.8
MKAR Makanchi Array 58.41 314 P 01 01 09.0 -0.3
KURBB Kurchatov Arra 61.28 318 P 01 01 28.8 +0.2
ILAR Elasso Array 63.82 26 P 01 01 44.1 -1.0
BVAR Borovoye Array 66.44 320 P 01 02 03.1 +1.1
YKA Yellowknife Arr 78.16 28 P 01 03 10.0 -0.8
NVAR Mins Array Bea 83.34 52 P 01 03 40.6 +1.7
FINES Finnes Array B 86.90 335 P 01 03 54.7 -0.9

TRN 27 01:09:30.0, 10.59N, 61.90W, h3km, MD3.2
FUNV 27 01:09:30.4, 10.68N, 61.93W, h10km, MW3.0
ISC 27 01:09:27.8, 1.6, 10.51N, 0.06, 62.00W, 0.06, h4km, 14km, n11, c1962/20, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like TRN Trinidad (W), TRN Trinidad (W), CRUV Carupano, etc.

IDC 27 01:14:38.9, 2.9, 22.38S, 148.27E, h0km, mbtmp2.9/3, ML3.1/3, Error ellipse: s-maj=38.9km, s-min=25.1km, az=54.0, Queensland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, etc.

WRA Warramunga Arr 13.22 278 Pn 01 17 47.2 -0.9
WRA baz=98, slow=25, SNR=2.0
WRA 0.1nm, 0.3s, baz=98, slow=12, SNR=9.7
WRA baz=98, slow=25, SNR=2.0
WRA 0.1nm, 0.3s, baz=109, slow=28, SNR=4.5
ASAR Alice Springs 13.29 262 Pn 01 17 49.9 +0.8
ASAR 0.1nm, 0.3s, baz=90, slow=14, SNR=2.7
ASAR 0.1nm, 0.3s, baz=82, slow=27, SNR=2.6
TORD Torodi Arr Bea 146.94 260 PKPbc PKPdf 01 24 30.0 +0.7
0.4nm, 0.7s, baz=103, slow=2.9, SNR=2.4

BUI 27 01:25:50.7, 0.0, 4.37N, 126.52E, h100km, mb4.7/37, mB4.8/21
IDC 27 01:25:50.3, 1.6, 4.70N, 126.48E, h65km, 14km, mb4.2/27, mbtmp4.5/32, MS3.4/43, Error ellipse: s-maj=20.0km, s-min=9.8km, az=72.0
DJA 27 01:25:50.1, 1.4, 4.4N, 127.7E, h12km, 10km, M4.8/17, mB5.2/13, mb4.9/17, MLv5.0/12, Mw(mB)4.6/13
NEIC 27 01:25:51.4, 1.7, 4.63N, 0.06, 126.61E, 0.08, h79km, 3km, mb4.7/77, Error ellipse: s-maj=11.9km, s-min=8.7km, az=68.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), etc.

1949

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TINTI Ternate, KMSI Cibinong, and various others.

2017 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PZH comp=Z,100nm,5.4s, KSRS Korea Array, and various others.

27d 1h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KKAR Karatay Array, RPZ Rata Rata, and various others.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, S, C. Includes stations like SFIN Lafayette, MSTX Muleshoe, AMTX Amarillo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, S, C. Includes stations like DUG Dugway, ISA Isabella, R11B Troy Canyon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, S, C. Includes stations like CUKT Cukurca, OZAP Van, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, S, C. Includes stations like S1RN maku, MAKU maku, BLIS Bitlis-Merkez, etc.

Text block containing station coordinates and identifiers: IDC 27 02:21:49.5, 1.6, 38.70S;178.56E, h0km, mb3.8/2, m1mp3.8,2, MS3.2/2, Error ellipse: s-maj=97.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, S, C. Includes stations like PUK Puketiti, CNGZ Carnagh Station, WNGZ Waomatatini S, etc.

27d 3h

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

NEIC 27 02:30:05.7±1.1, 37.22N, 0.03-97.90W, 0.02, h7km, 5km, Error ellipse: s-maj=3.9km s-min=2.5km az=168.0

NEIC 27 02:30:06.2±0.8, 37.20N, 0.03-97.89W, 0.01, h6km, 3km, mb, 1.2±0.34, ML2, 9/46, Error ellipse: s-maj=3.8km s-min=1.1km az=171.0

ANF 27 02:30:06.0±0.4, 37.22N-97.88W, h6km, ML3.3/11, Error ellipse: s-maj=5.3km s-min=3.5km az=28.0

ISC 27 02:30:06.2±0.8, 37.20N, 0.02-97.88W, 0.02, h7km, 5km, n88, 05/64/100, Kansas

Main station list table for 27d 3h, including stations like Argonia West S, Anthony NE Sta, Bluff City Nor, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kansas State U, Cedar Bluff, Rose Lookout, etc.

THE 27 02:31:05.6, 38.31N-22.09E, h7km, 1km, ML 1.9/12, Error ellipse: s-maj=1.3km s-min=0.4km az=225.0

ATH 27 02:31:05.6, 38.32N-22.10E, h6km, 2km, ML 1.8/11, Error ellipse: s-maj=2.2km s-min=0.7km az=325.0, Greece

Main station list table for 2017 SEP, including stations like Trizonia, Kalavryta, Ano Chora, etc.

1952

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Paravola, Rioles of Patr, Agios Charalam, etc.

IDC 27 02:31:06.6±3.6, 49.43N-28.56E, h0km, mbtmp3.5/1, ML2.5/1, Error ellipse: s-maj=31.6km s-min=26.2km

az=3.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Malin Array Be, DREYN FRASON, etc.

ATH 27 02:31:56.2, 38.52N-20.55E, h16km, 1km, ML 1.2/5, Manual Solution by G.Papadoulou This location: 2019/12/28 14:36:07 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fiskardo, Lefkada island, Dragano-Lefkad, etc.

GUC 27 02:44:06.8±0.3, 45.71S-77.56W, h15km, ML3.9, 1C, Off coast of Southern Chile

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

IDC 27 03:14:45.9±8.8, 30.53S-179.87W, h48km, 95km, mb2.8/2, mbtmp4.1/3, Error ellipse: s-maj=94.0km s-min=46.8km az=23.0, Kermadec Islands region

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

IDC 27 03:15:53.9±0.8, 28.63N-43.65W, h0km, mb4.1/17, mbtmp4.1/17, MS3.6/48, Error ellipse: s-maj=24.9km s-min=15.8km az=171.0

NEIC 27 03:15:55.7±1.1, 28.6N-0.1-43.5W, 0.2, h10km, 1km, mb4.7/61, Error ellipse: s-maj=24.0km s-min=22.0km az=94.0

ISC 27 03:15:55.0±5.0, 28.6N, 0.1-43.5W, 0.09, h12km, n123, 05/70/80, mb4.6/46, MS3.6/49, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station San Juan.

1953

Table of station data for 1953, including columns for station name, coordinates, and other parameters.

2017 SEP

Table of station data for 2017 SEP, including columns for station name, coordinates, and other parameters.

27d 4h

Table of station data for 27d 4h, including columns for station name, coordinates, and other parameters.

27d 4h

Table of station data for the 27-day 4-hour period. Includes columns for call sign, frequency, power, and other technical details.

2017 SEP

Table of station data for the month of September 2017. Includes columns for call sign, frequency, power, and other technical details.

1954

Table of station data for the year 1954. Includes columns for call sign, frequency, power, and other technical details.

1955

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MDND Maddock, ABTA Abfattersbach, CBKS Cedar Bluff, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like OZNA Ozona, RONA Rosalia, OSTC Ostas, etc.

27d 4h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like TPWA Teton Pass, FXWY Fox Creek, P18A Preston Nutter, etc.

27d 4h

Table with columns for station code, name, frequency, and signal strength. Includes stations like TUC, U15A, HLID, etc.

2017 SEP

Table with columns for station code, name, frequency, and signal strength. Includes stations like BFMSC, KLMR, EDW2, etc.

1956

Table with columns for station code, name, frequency, and signal strength. Includes stations like I28M, N30M, DAWY, etc.



27d 4h

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like TNTI Ternate, SANI Sanana, MTSU Mount Surprise, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like FORT Forrest, BBOO Buckleboob, MEEK Meekatharra, etc.

1958

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like KMI comp=Z,14nm,0.7s, HNS HongShan, TKNZ Takaka Hill, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCRA Macar, TUMC Tumaco, PB08 IPOC Station P, etc.

ROM 27 04:15:04.0-0.1, 42.484N, 0.004W, 13.500E, s-maj=0.005, h12km, ML1.1/10, 6C-1D, Error ellipse: s-maj=0.5km s-min=0.1km az=43.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GIGS Gran Sasso, AQU L'Aquila, T1247 Pizzolo (AQ), etc.

IDC 27 04:32:10.6-0.3, 3.92N, 126.46E, h0km, mb4.1/15, mbmp3.7/16, Error ellipse: s-maj=38.0km s-min=13.3km az=69.0

NEIC 27 04:32:17.4-1.1, 4.10N, 0.10, 126.78E, 0.08, h46km, 5km, mb4.5/19, Error ellipse: s-maj=16.0km s-min=9.4km az=217.0

ISC 27 04:32:17.4-0.5, 3.96N, 0.07, 126.77E, 0.09, h50km, n43, 0.073/45, mb3.4/26, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, SJUI Sorong, TOLIZ Tokitoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSAA00, AS31 Alice Springs, MORW Morawa, etc.

ANF 27 04:48:34.8-0.2, 34.42N, 119.41W, h20km, 2km, MLL2.7/16, Error ellipse: s-maj=1.5km s-min=1.1km az=67.0

NEIC 27 04:48:35.5-1.9, 34.42N, 0.008, 119.378W, 0.009, h5km, 1km, Error ellipse: s-maj=2.9km s-min=1.7km az=111.0

PAS 27 04:48:35.7-2.1, 34.422N, 0.009N, 119.372W, 0.010, h4km, 5km, MLL2.6/92, MLL2.4/46(NEIC), Error ellipse: s-maj=1.5km s-min=0.8km az=141.0

ISC 27 04:48:35.5-0.9, 34.414N, 0.02, 119.41W, 0.02, h22km, 5km, az=108/111, Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SBC Santa Barbara, SCZ2 Santa Cruz Isl, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNCC, JNH Juniper Hills, EDW2 Edwards Air Fo, etc.

IDC 27 04:49:48.8-0.7, 34.02N, 137.15E, h339km, 7km, mb3.0/11, mbmp3.7/16, Error ellipse: s-maj=15.6km s-min=11.1km az=76.0

JMA 27 04:49:48.2-0.3, 34.1N, 137.7E, h355km, 2km, MV3.5/36, ENSYUNADA

ISC 27 04:49:49.4-0.7, 34.07N, 0.07, 137.22E, 0.05, h344km, 6km, n38, 0.090/46, mb3.2/11, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T003 TONANKAI O.B.S, T004 TONANKAI O.B.S, etc.



1963

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

KRSC 27 05:28:22.5s, 1.2, 52.84N, 161.74E, h60km, 24km, M4.1
IDC 27 05:28:23.4s, 1.3, 53.19N, 161.30E, h0km, mb, 0.1/6,
mbmp4, 0.18, ML3.6/2, Error ellipse: s-maj=35.5km
s-min=16.0km az=176.0

ISC 27 05:28:23.8s, 3.5, 52.89N, 161.68E, 0.04, h14km, 22km,
n62, r135/63, mb4.2/1.0, Off east coast of Kamchatka

Main table for 1963 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mys Shipunski, Nalytchevo, Mys Kozlova, etc.

IDC 27 05:36:38.0s, 2.8, 53.06N, 161.39E, h0km, mb, 3.9/10,
mbmp3, 9/12, ML3.4/2, Error ellipse: s-maj=71.0km
s-min=20.6km az=172.0

KRSC 27 05:36:38.6s, 1.5, 52.87N, 161.71E, h58km, 21km, M4.0
ISC 27 05:36:40.4s, 2.9, 52.87N, 161.70E, 0.05, h27km, 20km,
n52, r130/63, mb4.1/1.0, Off east coast of Kamchatka

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mys Shipunski, Nalytchevo, Mys Kozlova, etc.

2017 SEP

Main table for 2017 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALK, SMAR, AVH, etc.

TAP 27 06:07:10.8, 24.57N, 122.50E, h101km, ML3.1, B
JMA 27 06:07:11.4s, 0.1, 24.1N, 122.5E, 0.3, h93km, 1km,
IDC 27 06:07:11.1, NW OFF ISHIGAKIUMA IS
ISC 27 06:07:11.5, 24.58N, 122.54E, 0.03, h100km, 8km,
n77, r056/139, Taiwan region

Main table for 2017 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EIOS2, EIOS3, YJNG, etc.

27d 6h

Main table for 27d 6h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWD, ETLH, HWA, etc.

27d 7h

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHN4, TPUB Ta-pu, WTP Ta-pu, TWG Pinlang, etc.

IDC 27 06:32:27.2.3.6, 54.38N, 86.82E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=31.8km s-min=18.5km

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 27 06:48:56.9.2.0, 5.51S, 149.52E, h0km, mb3.5/3, mbtmp3.6/3, Error ellipse: s-maj=138.4km s-min=29.1km az=125.0, New British region

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

IDC 27 07:08:44.0.3.2, 53.73N, 88.00E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=26.8km s-min=17.1km

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

NNC 27 07:31:20.3.0.5, 50.02N, 78.82E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=9.0km s-min=2.4km az=73.0, Suspected Mining explosion.

IDC 27 07:31:21.1.4.0, 50.07N, 78.81E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=8.9km s-min=6.7km az=57.0

IDC 27 07:31:21.4.1.0, 50.04N, 78.82E, h0km, n17, c#82/30, 22C-7D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR07 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

UPP 27 07:31:48.4.2.5, 59.97N, 24.36E, h0km, ML2.1, HEL 27 07:31:49.4.0.1, 59.96N, 24.27E, h0km, ML1.9, Explosion

IDC 27 07:31:50.4.2.3, 60.03N, 24.28E, h0km, mbtmp2.7/3, ML1.7/3, Error ellipse: s-maj=25.9km s-min=6.7km

2017 SEP

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Code Station Name, MEF Metsahovi, HEL1 Helsinki, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR07 Kurchatov Arra, KUR14 Kurchatov Arra, etc.

UPP 27 07:31:48.4.2.5, 59.97N, 24.36E, h0km, ML2.1, HEL 27 07:31:49.4.0.1, 59.96N, 24.27E, h0km, ML1.9, Explosion

1964

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SLIT Slitere, Latvi, RUF Ruokolahti, etc.

IDC 27 07:42:33.2.1.6, 20.80S, 67.73E, h0km, mb3.8/8, mbtmp3.8/8, MS3.6/9, Error ellipse: s-maj=56.4km s-min=27.1km az=36.0

IDC 27 07:42:34.9.1.6, 20.85S, 67.87E, h10km, n25, c#50/80, mb3.98, MS3.6/9, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

IDC 27 07:42:17.0.7.5, 95N, 162.24E, h0km, ML2.2 (UPP), Suspected explosion

HEL 27 07:42:18.4.0.0, 59.94N, 24.37E, h0km, ML2.0, Explosion

UPP 27 07:42:21.9.1.6, 60.00N, 23.69E, h0km, ML2.2, ISC 27 07:42:17.0.7.5, 95N, 162.24E, h0km, n54, c#131/77, Baltic Sea-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MEF Metsahovi, HEL1 Helsinki, etc.

NOU 27 07:55:44.0.2, 130S, 179.10W, h612km, mb4.5/39, Fiji Islands Region

NEIC 27 07:55:44.8.1.4, 21.3S, 0.1x179.2W, 0.1, h611km, 7km, mb4.3/71, Error ellipse: s-maj=17.6km s-min=16.3km

IDC 27 07:55:45.9.1.3, 21.04S, 179.29W, h637km, 15km, mb3.7/17, mbtmp4.7/19, Error ellipse: s-maj=13.6km s-min=10.2km az=159.0

IDC 27 07:55:48.0.4.2, 21.22S, 0.06x179.09W, 0.06, h600km, n159, c#143/158, mb4.3/60, 10C-1D, Fiji Islands region

1965

Table of astronomical observations for 1965, listing station names, coordinates, and observation times.

2017 SEP

Main table of astronomical observations for 2017 SEP, listing station names, coordinates, and observation times.

27d 8h

Table of astronomical observations for 27d 8h, listing station names, coordinates, and observation times.

27d 8h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ZHDN, SMDO, SMDO, NHDN, etc.

2017 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KK31, KKAR, KKAR, KKAR, etc.

1966

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AKBB, FNA, FNA, FNA, etc.



Table of astronomical observations for 1967, listing stations (LPG, LPL, APA, etc.), target names (La Plagne, Apatity, etc.), coordinates, and observation times.

Table of astronomical observations for 2017 SEP, listing stations (MDJ, KSRJ, KRSR, etc.), target names (Korea Array, Kuldur, etc.), coordinates, and observation times.

Table of astronomical observations for 27d 8h, listing stations (TURN, TURNC, etc.), target names (Emekik-Datca, etc.), coordinates, and observation times.

IDC 27 08:32:24.0 999.0, 47'45N-6'67W, h0km, Error ellipse: s-maj=595.0km s-min=202.7km az=57.0, North Atlantic Ocean

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

IDC 27 08:41:04.2 4.2 5.9, 54'17N-86'32E, h0km, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=20.6km s-min=12.1km az=64.0, Southwestern Siberia

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

NEIC 27 08:54:58.0 1.2 1.7, 8S:0.1, 178'6W:0.1, h566km, 11km, mb4.5/26, Error ellipse: s-maj=22.3km s-min=17.2km az=154.0

NOU 27 08:54:58.5 1.7, 77S:178'30W, h582km, mb4.3/9, Fiji Islands Region

IDC 27 08:54:58.0 5.1, 179S:0.1, 178'43W:0.0, h579km, n56, r157/60, mb4.5/23, Fiji Islands Region

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

27d 9h

Table with columns: COEN, TOOL, STKA, BBOO, WR0, WBO, WB2, WRAB, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, MTN, MTN, FORT, FORT, KNRA, KNRA, MBWA, SBA, MORW, GIRL, UGM, JNU, NVAR, etc. Each row contains station names, frequencies, and other technical details.

ISC 27 08:58:35.5±0.2, 15:56Sx175°17'W, h150km, 26km, mb3.2/6, mbtpp3.7/7, M3.3/1, Error ellipse: s-maj=45.7km, s-min=18.7km az=143.0

ISC 27 08:58:35.5±0.1, 15:65Sx175°17'W, h150km, n8, r122/8, mb3.6/6, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like AF1 Afiamalu, STKA Stephen Creek, WRA Warramunga Arr, etc.

ISC 27 08:58:40.0±1.3, 11:48N;92°73'E, h0km, mb3.7/7, mbtpp3.7/8, ML4.0/1, M3.3/1, Error ellipse: s-maj=48.8km s-min=21.6km az=58.0

ISC 27 08:58:41.5±1.3, 11:5N;102°92'E, h10km, n12, r085/9, mb3.6/7, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like CMAR Chiang Mai Arr, BRDH Baridhahla, H0S3 Diego Garcia H, etc.

SJA 27 09:01:03.8±0.8, 29°46'Sx71°46'W, h19km, 3km, ML3.9, MW3.8

NEIC 27 09:01:07.9±1.6, 29°45'Sx0°04'71°32'W, h09km, 12km, mb4.2/5, ML4.1, (GU), Error ellipse: s-maj=12.2km s-min=4.1km az=106.0

GUC 27 09:01:07.6±0.7, 29°43'Sx71°27'W, h40km, 3km, ML4.1

ISC 27 09:01:06.3±1.0, 29°35'Sx107°38'W, h04km, h33km, n78, r250/116, mb4.2/3, Near coast of central kiki

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like CO05 La Serena, CO05 La Serena, CO05 La Serena, etc.

2017 SEP

Table with columns: LCO, LCO, LCO, LCO, LCO, LCO, G004, G004, G004, G004, AC05, AC05, AC05, AC05, AC04, AC04, AC04, AC04, CO01, CO01, CO01, CO01, CO01, CO01, CO03, CO03, CO03, CO03, AR0D, AR0D, CO02, CO02, CO02, CO02, GO03, GO03, GO03, GO03, AC06, AC06, AC06, DOCA, DOCA, DOCA, VCA, VCA, VCA, RTLS, RTLS, RTLS, RTLS, RTLL, RTLL, RTLL, RTLL, ZON, ZON, ZON, AC01, AC01, AC01, VA03, VA03, VA03, VA03, CFA, CFA, TINO, ROCH, ROCH, ROCH, ROCH, ROCH, CFI, PEL, PEL, PEL, ASAL, ASAL, ASAL, MT02, MT02, MT02, MT02, MT05, MT05, MT05, MT03, MT03, MT03, MT03, VA05, VA05, VA05, MT09, GO02, GO02, GO02, MT13, MT13, MT01, MT01, MT01, MT01, BO04, BO04, BO04, BO01, BO01, GO05, GO05, GO05, TRQA

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like AROD AROD, CO02 Combarbal, GO03 Copiap, VCA VCA, RTLS Leoncito, etc.

1968

Table with columns: CPUP, ITQB, LPAZ, TBTG, MACA, OTAV, BOAV, SNA, SNA, SNA, etc. Lists stations like CPUP Villa Florida, ITQB Itaqui, LPAZ La Paz, etc.

ISC 27 09:06:56.2±0.6, 11°38'N;91°40'E, h0km, mb3.7/4, mbtpp3.7/4, Error ellipse: s-maj=361.3km s-min=23.7km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like H0S3 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, etc.

NEIC 27 09:16:23.1±0.6, 31°18'N;02°103'21'W, h02km, mb1.2/8, ML2.5/6, Error ellipse: s-maj=3.5km s-min=2.9km az=134.0, Western Texas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like PECS Pecos, ALPN Alpine, ALPN Alpine, ALPN Alpine, ODSA Odessa, ODSA Odessa, CLNB Carlsbad, CLN7 Carlsbad 7, HDLMS Hat Mesa, GDT2 Guadalupe Lough, SAND Sanderling, 425A Indio Mountain, 425A Indio Mountain, OZNA Oajana, OZNA Oajana, TX32 Lajas Array, TXAR Lajas Array, MNMX Cornudas Mount, CPRX Cap Rock, GPXY Sterling City, POST Post, SN01 Snyder I, ANMO Albuquerque, 435B Jarrell, WHTX Lake Whitney, T25A Trinidad

NORS 27 09:22:58.1±0.0, 43°55'N;43°82'E, h9km, MPVA3.7 TIF 27 09:22:59.2±43°53'N;43°75'E, h18km, 3km MOS 27 09:22:59.8±0.0, 43°55'N;43°83'E, h11km, MPVA3.7

ISC 27 09:22:59.6±0.9, 43°57'N;0°03'43'22'E, h13km, 7km, n22, r053/42, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like NCK Nalchik, NCK Nalchik, STDR Stavd-Durt, STDR Stavd-Durt, LSNR Lesken, PRTR Priretnichnaya, PRTR Priretnichnaya, KBCT Kuba-Taba, KBCT Kuba-Taba, KORA Kora, KORA Kora, KBZ Khabaz, KBZ Khabaz, PYA1 Pyatigorsk, PYA1 Pyatigorsk, ZEI Tsey, LACR Lac, LACR Lac, BEVR Belyy Ugol+, BEVR Belyy Ugol+, SHDZ Shidzhatmaz, SHDZ Shidzhatmaz, KIVO Kislovodsk Arr, KIVO Kislovodsk, KIVO Kislovodsk, MTEO Meteo, MTEO Meteo, SHTL Shatili, SHTL Shatili, SHTL Shatili, CHRG Chargali, CHRG Chargali, ABS Abastumani, ABS Abastumani, ABS Abastumani, GHRG Ghorjomi, GHRG Ghorjomi, GUZR Guzerip', GUZR Guzerip'

ISC 27 09:34:08.9±1.7, 21°76'Sx179°06'W, h586km, 16km, mb3.4/1, mbtpp4.3/13, Error ellipse: s-maj=30.1km s-min=14.6km az=142.0

NEIC 27 09:34:10.2±1.4, 21°75'N;179°04'W, h09km, 53km, mb4.4/4, Error ellipse: s-maj=18.4km s-min=4.3km az=143.0

ISC 27 09:34:10.4±0.5, 21°73'Sx179°09'W, h02km, n65, r092/67, mb4.3/29, 1D, Fiji Islands region

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

1969

Table of satellite data for 1969, including columns for station name, code, time, and phase ID. Includes stations like NIUE, AFI, MARNC, etc.

IDC 27 09:40:29.8, 2.1, 18.58S; 169.20E, h236km, 34km, mb3.5/7, mbmp4.1/9, Error ellipse: s-maj=63.5km s-min=15.0km az=156.0

2017 SEP

Main table of satellite data for 2017 SEP, including columns for station name, code, time, and phase ID. Includes stations like RTV, LIFNC, LIFNC, etc.

IDC 27 09:40:29.8, 2.1, 18.58S; 169.20E, h236km, 34km, mb3.5/7, mbmp4.1/9, Error ellipse: s-maj=63.5km s-min=15.0km az=156.0

27d 10h

Table of satellite data for 27d 10h, including columns for station name, code, time, and phase ID. Includes stations like PMG, COEN, CTA, etc.

27d 10h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like PLIT, NEVS, STON, NOV, etc.

2017 SEP

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like DJR, KTMS, MK31, MAKZ, etc.

1970

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like BC3P, PEZE, LCCO, etc.

1971

Table of astronomical observations for 1971, listing station codes (e.g., YM01, YW01), names (e.g., Fush Village, Ninganchiao), dates (e.g., 0.82 303 P), and positions (e.g., Pn, Sn).

2017 SEP

Table of astronomical observations for 2017 SEP, listing station codes (e.g., WJS, FULB, JISG), names (e.g., Fuli, Ishigakijimahi, Chengkung), dates (e.g., 1.77 213 eP), and positions (e.g., eS, Sn, Pn).

27d 11h

Table of astronomical observations for 27d 11h, listing station codes (e.g., CLL, COLLM, HSKK), names (e.g., Collm, Hora Svate Kat, Moravy Berou), dates (e.g., 1.96 261 ePn), and positions (e.g., ePn, Pn, Sn).

ICD 27 11:31:02.0±0.7, 51°65'N; 15°92'E, h0km, mb3.5/4, mbmp3.5/11, ML3.3/7, Error ellipse: s-maj=13.8km s-min=8.0km az=105.0

Table with columns: Code, Station Name, Δ°, AZ', Phase ID, Time Res, Res. It lists station names like KSP, CHVC, OSTC, DPC, BRG, RICC, FBE, PRA, GOPC, PRU, CLL, and their corresponding coordinates and phases.

27d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAVA Damuels, DAVOX Davos/Dischmat, CDF Champ du Feu, etc.

NOU 27 11:44:19.7, 38'21.5, 178.67E, h45km, Mlv3.77, Off E.
Coast of N. Island, N.Z.
WEL 27 11:44:21.0, 0.7, 38'52.4, 178.8E, h13km, 6km, M3.5/55,
ML3.9/13, MLv3.5/55, Error ellipse: s-maj=0.0km
s-min=0.0km az=102.4, confirmed

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PUK Puketiti, CNGZ Carnagh Statio, WMGZ Waionatati S, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRRZ Galatos Road, KAHZ Kahuranaki, KWHZ Kaweka Forest, etc.

KRNET 27 11:54:06.1, 0.1, 39.42N, 72.45E, h14km, mb2.8
NMC 27 11:54:12.6, 4.5, 39.67N, 72.62E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=32.1km s-min=20.2km az=1.0

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

BUC 27 11:57:01.1, 0.2, 46.03N, 22.83E, h5km, 1km, m1.7/10,
13C-9D, Error ellipse: s-maj=1.3km s-min=1.2km
az=15.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DEV Deva, SURV Surduc, SURR Surr, etc.

1972

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

BEO 27 11:57:47.9, 1.3, 44.49N, 22.34E, h0km, ML1.3/4, Mining
explosion., Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUBS Kucevoj, KUBS, ZAGS Zajecar, BOVS Bovan, ZAPS Zavoj.

NEIC 27 12:24:54.8, 0.7, 8.05S, 0.1, 156.39E, 0.10, h16km, 5km,
mb4.5/1.3, Error ellipse: s-maj=18.7km s-min=11.8km
az=209.0

IDC 27 12:24:59.9, 2.3, 7.94S, 156.13E, h57km, 21km, mb4.0/14,
HNRp=3.19, ML3.4/5, MS3.3/22, Error ellipse:
s-maj=19.7km s-min=15.9km az=103.0

ISC 27 12:24:54.7, 0.5, 7.93S, 0.07, 156.36E, 0.06, h18km, n61,
r1315/51, mb4.4/20, MS3.3/20, Bougainville-Solomon
Islands region

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

CTAO Charters Tower 15.55 218 P Amb Iamb 12 28 34.3 +1.0

CTAO Charters Tower 15.55 218 P P 12 28 38.8 +1.3

CTAO Charters Tower 15.55 218 P P 12 28 40.7 +1.3

CTAO Charters Tower 15.55 218 P P 12 28 46.7 +1.3

DZM Mont Dzumac 17.09 146 P P 12 28 56.3 +1.7

DZM Mont Dzumac 17.09 146 P P 12 35 06.3

RMQ Roma 19.82 200 P P 12 29 26.2 0.0

RMQ Roma 19.82 200 P P 12 29 31.9 0.1

RMQ Roma 19.82 200 P P 12 29 46.2 -0.2

RMQ Roma 19.82 200 P P 12 30 08.4 0.0

RMQ Roma 19.82 200 P P 12 38 45.4

WRO Warramunga Arr 24.32 238 P P 12 30 10.5 -0.8

WRO Warramunga Arr 24.32 238 P P 12 30 11.0 -0.6

WRO Warramunga Arr 24.32 238 P P 12 30 12.3

WRAB Tennant Creek 24.43 238 P Iamb Iamb 12 30 12.1 -0.6

WRAB Tennant Creek 24.43 238 P Iamb Iamb 12 30 11.8

WRAB Tennant Creek 24.43 238 P Iamb Iamb 12 30 12.2 -0.5

WRAB Tennant Creek 24.43 238 P Iamb Iamb 12 30 15.3

WRA Warramunga Arr 24.45 238 P P 12 30 11.5 -1.3

WRA Warramunga Arr 24.45 238 P P 12 30 11.3 -1.5

WRA Warramunga Arr 24.45 238 P P 12 33 52.3 +0.6

WRA Warramunga Arr 24.45 238 P P 12 39 29.6

INKA Inkamink 24.63 215 P P 12 30 14.0 -0.3

MTN Mantam Dam 25.28 257 P Iamb Iamb 12 30 20.7 +0.3

MTN Mantam Dam 25.28 257 P Iamb Iamb 12 30 28.1

AS31 Alice Springs 26.61 231 P P 12 30 31.6 -0.8

ASAR Alice Springs 26.61 231 P P 12 30 31.3 -1.1

ASAR Alice Springs 26.61 231 P P 12 30 30.3 -2.1

ASAR Alice Springs 26.61 231 P P 12 39 53.0

STKA Stephens Creek 27.51 208 P P 12 30 40.5 +0.2

STKA Stephens Creek 27.51 208 P P 12 41 38.1

KNRA Kununurra 28.07 252 P P 12 30 45.4 -0.1

RPZ Rata Peaks 37.89 163 LR LR 12 44 54.8

1973

Table with columns: Call sign, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like BBB Bella Bella, KURBB Kurchatov Arra, YBH Yreka Blue Hor, etc.

ROM 27 12:28:48.9.0.1, 42.802N, 0.005.12.719E, 0.007, h9km, ML1.3/14, 2C-5D, Error ellipse: s-maj=0.6km s-min=0.4km az=306.0, Central Italy

Main table for 1973 section with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MOMA Monte Martano, T1221 Campello sul C, CESX Cesi, etc.

EAUF 27 12:33:36.7, 25.67S, 29.16E, h10km, MC3.7  
BUL 27 12:33:37.2, 1.25.65S, 29.12E, h10km, MD3.9  
ISC 27 12:33:35.3, 1.4, 25.65S, 0.06.29.15E, 0.06, h10km, n12, a136/20, South Africa

Table for 1973 section with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MOPA Mopani, LBTB Lotbatse, etc.

2017 SEP

Table with columns: Call sign, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like BOSA Boshof, BOSB Boshof, BOSD Boshof, etc.

DJA 27 12:46:18.4, 0.4, 8.5, 3.3, 11.5E, h10km, M3.6/8, MLV3.6/8, Bali region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SRRI Singaraja, DNP Denpasar, DNP Denpasar, etc.

IDC 27 12:50:51.1, 1.1, 5.32, 47N, 131.89E, h0km, mb3.4/2, mbtmp3.3/4, ML2.4/2, Error ellipse: s-maj=36.4km s-min=11.8km az=46.0

JMA 27 12:50:57.6, 0.1, 3.3, 2N, 0.3, 131.6E, 0.4, h93km, MV3.1/40, SOUTHERN OITA PREF

JMA Felti J1 at SOUTHERN OITA PREF  
ISC 27 12:50:58.4, 1.1, 3.3, 13N, 0.05, 131.70E, 0.05, h86km, 7km, n14, a139/23, Kyushu

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JUS Usuki, JUS Oita, JUS Oita, etc.

WRA Warramunga Arr 52.83 177 P P 13 00 03.3 -1.8  
ASAR Alche Springs 56.52 178 P P 13 00 30.4 -1.4

ISC 27 13:08:07.9, 3.7, 25.47N, 94.88E, h127km, 37km, mb3.4/6, mbtmp3.7/7, Error ellipse: s-maj=85.2km s-min=15.7km az=57.0

ISC 27 13:08:06.0, 1.0, 2.620N, 0.4, 95.8E, 0.8, h100km, n7, a0560/7, mb3.8/6, Myanmar-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, KURBB Kurchatov Arr, etc.

BUT 27 13:13:31.9, 0.4, 46.87N, 0.02, 112.54W, 0.01, h12km, 3km, Error ellipse: s-maj=2.6km s-min=1.0km az=181.0

NEIC 27 13:13:31.8, 0.6, 46.85N, 0.02, 112.56W, 0.01, h9km, 4km, ML2.7/16, ML2.7/11 (BUT), Error ellipse: s-maj=2.5km s-min=1.1km az=183.0, Montana

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BEYM Mount Belmont, LYMT Lyon Mountain, ELMT Elliston, etc.

UPP 27 13:19:15.8, 0.6, 60.01N, 21.35E, h0km, ML2.8  
DNK 27 13:19:15.4, 2.1, 60.05N, 21.47E, h0km, Suspected explosion

IDC 27 13:19:16.6, 1.3, 60.17N, 21.46E, h0km, mbtmp2.8/4, ML2.2/4, Error ellipse: s-maj=18.4km s-min=6.1km az=162.0

HEL 27 13:19:16.2, 0.1, 60.08N, 21.44E, h0km, ML2.3, Explosion  
BER 27 13:19:16.6, 1.6, 59.93N, 21.50E, h0km, ML1.8, ML2.3(HEL), Suspected explosion

ISC 27 13:19:14.0, 0.7, 60.09N, 0.03, 21.44E, 0.02, h0km, n97, a153/130, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AAL Aland, AAL Aland, etc.

27d 13h

Main table for 27d 13h section with columns: Call sign, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like AAL Aland, AAL Aland, AAL Aland, etc.

27d 15h

Table with columns: LANU, STEI, HEF, KTK1, ARAO, ARCES, KEV. Includes station names, times, and various codes.

IDC 27 14:12.21.1290.0, 54:15N, 40:85E, h0km, Error ellipse: s-maj=130.9km s-min=69.7km az=149.0, Baltic States-Belarus-Northwestern Russia

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

NOU 27 14:23:50.7, 19:41S:169:39E, h146km, MLV3.9/23, Vanuatu Islands

IDC 27 14:23:52.1, 6.8, 19:38S:169:17E, h149km, 46km, mb3.8/5, mbtmpt4.2/6, Error ellipse: s-maj=64.2km s-min=27.4km

ISC 27 14:23:51.0, 1.2, 19:47S:07:169:4E:0:1, h150km, n30, o#92/31, mb4.0/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTV, MARNC, LIFNC, YATNC, PINNC, OUENC, DZM, ONTNC, KOUNC, URZ, CTA, CTAO, BFZ, MTSU, CMSA, STKA, LCRK, OOD, WRAB, ASAR, MULG, WRKA, KNRA, MBWA, MEEK, ASAR, PMG, HNR, GUMO, WRA, WRA, ASAR, MJAR, CMAR.

IDC 27 14:26:56.5, 2.7, 5:87S:148:94E, h117km, 47km, mb3.2/2, mbtmpt3.7/5, MS3.2/4, Error ellipse: s-maj=74.6km s-min=24.0km az=122.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT, PMG, PMG, HNR, GUMO, WRA, WRA, ASAR, MJAR, CMAR.

IDC 27 14:51:09.9, 6.1, 1:79N:128:43E, h114km, 70km, mb3.1/4, mbtmpt3.4/5, Error ellipse: s-maj=102.1km s-min=22.0km az=73.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI, WRA, ASAR, MKAR, KURBB, GUMO, GUMO, GUMO, JOW, JOW, YULB.

IDC 27 14:51:11.5, 1.0, 17:39N:145:76E, h537km, 12km, mb3.2/13, mbtmpt4.1/15, Error ellipse: s-maj=16.4km s-min=12.7km az=192.0

NEIC 27 14:51:11.9, 1.2, 17:4N:0:1, 145:7E:0:2, h532km, 12km, mb4.1/39, Error ellipse: s-maj=22.7km s-min=17.9km az=123.0

ISC 27 14:51:12.4, 0.6, 17:26N:0:08:145:7E:0:1, h550km, n65, o#84/69, mb4.0/34, Mariana Islands

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

2017 SEP

Main table with columns: YULB, YHNB, SSSLB, TPUB, USA0A, USA0B, USRK, PMRK, WRAB, WRAB, WB2, WRA, WRA, SMY, AS31, ASAR, ASAR, ASAR, CHTO, CMAR, CMAR, ATKA, ATKA, ZALV, ZALV, SII, MK31, MKAR, MKAR, MAK2, N18K, O18K, O18K, N19K, N19K, M20K, J20K, J20K, CAST, CAST, SUA, SUA, H21K, RC01, RC01, KTH, GHO, GHO, P2W, I23K, I23K, H23K, H23K, FID, DHY, H24K, H24K, HDA, HDA, IL31, IL31, ILAR, ILAR, BMAR, GRNC, M27K, M27K, BCAR, BVAR, ABKAR, YKA, ARCES, KVN, NVAR, NVAR, FINES, LPAZ, LPAZ.

IDC 27 15:19:15.8, 1.3, 20:29N:144:99E, h0km, mb3.5/7, mbtmpt3.6/8, ML3.7/1, MS3.2/15, Error ellipse: s-maj=48.9km s-min=19.9km az=63.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, JUNU, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, KSRS, KSRS, DAV.

1974

Table with columns: HNR, PETK, WRA, SONM, ASAR, DZM, ZALV, MKAR, MKAR, KDAR, KURBB, KURBB, ILAR, BVAR, ARU, BBB, AKTO, PPT, NOA.

IDC 27 15:21:54.3, 4.7, 39S:115:52E, h0km, mb3.1/3, mbtmpt3.2/3, Error ellipse: s-maj=256.8km s-min=28.1km az=50.0

DJA 27 15:22:02.9, 0.4, 8:54:11:5E, h10km, M3.3/8, ML2.3/8, ISC 27 15:21:57.0, 1.1, 7:7S:0:1, 115:58E:0:05, h10km, n12, o#263/11, mb3.3/3, Bali Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRBI, SRBI, DNP, IGBI, ABJI, JAGI, TWSI, BLJI, GMJI, WRA, ASAR, MKAR.

IDC 27 15:35:59.4, 1.2, 34:40N:25:72E, h0km, mb3.7/6, mbtmpt3.7/11, ML3.8/5, MS2.4/1, Error ellipse: s-maj=24.7km s-min=18.2km az=13.0

DDA 27 15:36:05.3, 0.0, 34:74N:26:11E, h6km, 4km, ML2.9, THE 27 15:36:05.9, 34:50N:25:64E, h18km, 4km, ML3.4/6, Error ellipse: s-maj=4.8km s-min=1.4km az=132.0

ATH 27 15:36:06.2, 34:56N:25:61E, h22km, 3km, ML3.5/8, Error ellipse: s-maj=1.3km s-min=1.5km az=4.0

ISC 27 15:36:01.9, 1.5, 34:44N:25:75E:0:03, h17km, 9km, n41, i#81/60, mb3.6/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FRMA, FRMA, ZKR, ZKR, ZKR, FRMA, ZKR, ZKR, HRKL, HRKL, HRKL, HRKL, TMBK, TMBK, TMBK, TMBK, TMBK, IDI, IDI, IDI, IDI, PRNS, GVD, GVD, GVD, GVD, KARP, KARP, KARP, IMMV, IMMV, IMMV, SANT, SANT, MHLO, DAT.



Table with columns: DAT, S, Sn, 15 37 17.3, -0.3, 15 37 43.0, etc. Includes stations like ASAR, WRA, UPA, etc.

KRSC 27 15:37:41.21.6,5427N,168.24E,h42km,33km,MI3.7, Komandorsky Islands region

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

IDC 27 15:37:57.4,7.0,22.86S,174.81W,h0km,mb3.4, s-maj=29.1km az=126.0, Tonga Islands region

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

ASAR 4.4nm,0.9s,baz=78,slow=8.9,SNR=4.2, 2.4nm,0.9s, 4.4nm,0.9s, 46.92 258 P, P, 15 46 29.9 -0.3

WRA Waramunga Arr 47.25 263 P P, P, 15 46 33.3 +0.5

UPA 27 15:42:06.5-0.9,9.31N,78.17W,h53km,9km,MMV3.9, ISC 27 15:42:06.4,1.4,9.34N,0.06:78.19W,0.03,h51km,14km, n25,0:995,2C-6D, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like TOTI, UPD2, CHPO, UPA, etc.

IDC 27 15:45:26.4,2.2,7.43S,129.20E,h134km,22km,mb3.6/8, mbmp4.2/12, Error ellipse: s-maj=27.6km s-min=16.3km az=73.0

NEIC 27 15:45:26.7,2.8,7.32S,0.05:129.01E,0.07,h125km,11km, mb4.1/12, Error ellipse: s-maj=12.4km s-min=2.6km az=123.0

DJA 27 15:45:20.0,2.7,5.3S,121.9E,h154km,6km,MA,3/13, mb4.4/7,mb4.8/6,MLV4.1/3,Mv(m)4.1/6

ISC 27 15:45:26.3,0.5,7.42S,0.05:129.05E,0.05,h131km,n54, c2:59/59,mb3.9/10, Banda Sea

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

CMAR Chiang Mai Arr 39.29 311 P P, 15 52 42.8 +0.2

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

PETK Petropavlovsk- 65.02 19 P P, 15 55 52.3 +0.1, MK31 Makanchi Array 68.06 327 P P, 15 56 12.9 +1.1, MKAR Makanchi Array 68.06 327 P P, 15 56 12.8 +1.0

MAKZ Makanchi 68.24 327 P Iamb P, 15 56 13.1 +0.2, ZALV Zalesovo Beam 71.54 334 P P, 15 56 31.4 -1.4

KURBB Kurchatov Arra 72.38 329 P P, 15 56 38.2 +0.3, BVAR Borovoye Array 77.92 328 P P, 15 57 09.5 -0.2

ABKAR Akbulak array 82.25 322 P P, 15 57 33.0 0.0, IDC 27 15:58:44.9,3.4,29.61N,80.41E,h0km,mb3.3/5, mbmp3.4/6,ML3.7/1,MS3.2/4, Error ellipse: s-maj=150.6km s-min=2.3km az=70.0

ISC 27 15:58:48.6,3.0,29.77N,80.48E,h0.8,mb3.3/6, mb3.4/3,MS3.1/4,Nepal-India border region

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

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

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

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

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

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

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

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

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

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

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

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

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

27d 16h

Table of meteorological data for the 27d 16h period, including station names like MORW, QIS, BLDU, KULM, etc., and their corresponding coordinates and observations.

2017 SEP

Table of meteorological data for the 2017 SEP period, including station names like MAJO, JMM, JHJ, etc., and their corresponding coordinates and observations.

1976

Table of meteorological data for the 1976 period, including station names like HWUT, J08A, J08B, etc., and their corresponding coordinates and observations.

Table with 5 columns: Station Name, Azimuth, Phase, ID, and Residual. Includes stations like VTS Vitohsa, SELS Selova, SJES Senja, etc.

IDC 27 17:14:08.3±1.0, 53.33N:165.72W, h0km, mb4.1/18, mbtmp4.1/20, ML3.8/2, MS3.2/16, Error ellipse: s-maj=26.9km s-min=12.9km az=1.0

NEIC 27 17:14:10.9±2.9, 52.95N:0.06:165.60W:0.07, h25km, 7km, mb4.3/76, ML4.0/16, ML3.9(AEIC), Error ellipse: s-maj=9.8km s-min=5.8km az=163.0

AEIC 27 17:14:11.7±2.4, 52.93N:0.06:165.53W:0.07, h19km, 5km, Error ellipse: s-maj=9.7km s-min=5.7km az=165.0

ISC 27 17:14:09.9±1.6, 52.97N:0.06:165.52W:0.04, h18km, 9km, n248, n1846/237, mb4.2/31, MS3.2/15, South of Aleutian Islands

Main station list table for the left column, containing station names, coordinates, phases, and residuals.

Table with 5 columns: Station Name, Azimuth, Phase, ID, and Residual. Includes stations like GHO Glory Hole Cre, CAST Castle Rocks, J20K Nowinta River, etc.

IDC 27 17:15:53.9±1.0, 67.06N:21.07E, h0km, mbtmp2.8/4, ML1.9/4, Error ellipse: s-maj=17.2km s-min=8.7km az=106.0

HEL 27 17:15:53.5±0.2, 67.08N:20.86E, h0km, ML1.9, Explosion 27/09/2010

ISC 27 17:15:53.4±0.8, 67.11N:0.02:20.98E:0.02, h0km, n46, n1510/64, Sweden

Main station list table for the middle column, containing station names, coordinates, phases, and residuals.

Table with 5 columns: Station Name, Azimuth, Phase, ID, and Residual. Includes stations like NVAR Mina Array Bea, MDPE Devils Postill, MDPE Devils Postill, etc.

Main station list table for the right column, containing station names, coordinates, phases, and residuals.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like HEF, TOF, TOR, KIF, KILPISJARVI, BURU, OUL, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like FNA, FNA, FNA, FNA, etc.

Table with 5 columns: LKR, Lokris, KAL, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like ARAO, ARCES, ARCES, ARCES, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like GRC, GRC, GRC, GRC, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like NOA, HFS, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like THE, THE, THE, THE, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

IDC 27 17:20:32.84.9, 2.90S:102.12E, h136km, 35km, mb3.5/9, mbmp3.9, Error ellipse: s-maj=93.6km s-min=13.2km az=55.0

Code Station Name Az SN Sg Time Res. Includes station codes and names like KSI, KSI, MNAI, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like GSI, CMAR, LBMI, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like THL, THL, THL, THL, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like ASAR, STKA, SONMI, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like TIR, TIR, TIR, TIR, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like MKAR, ZALV, H04N2, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like TIR, TIR, TIR, TIR, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with 5 columns: Station Name, Az, SN, Sg, Time, Res. Includes stations like H04N1, H04N3, H04S1, etc.

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like TIR, TIR, TIR, TIR, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

NAO 27 17:25:01.9, 39.21N:24.42E, h33km, mb3.5. IDC 27 17:25:13.4, 40.9, 40.53N:21.76E, h0km, mb3.7/11, mbmp3.6/16, ML3.1/5, MS2.8/10, Error ellipse: s-maj=15.6km s-min=14.4km az=120.0

Table with 5 columns: Code, Station Name, Az, SN, Sg, Time, Res. Includes stations like TIR, TIR, TIR, TIR, etc.

Table with 5 columns: LKR, Lokris, KALE, Kalithea, ULU, ULC, etc. Includes station names and their corresponding data.

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like TORO Torodi Ar, Bea, BVAR Borovoye, WSAR Wadi Sarin, etc.

NOU 27 17:45:18.6, 67.233:179.77E, h0km, MLv4.4/10, Off E. Coast of N. Island, N.Z.

ICD 27 17:45:24.5, 2.36:186S:178.87E, h0km, mb4.1/3, mbmp4.1/3, MS3.1/1, Error ellipse: s-maj=59.8km

NEIC 27 17:45:26.0, 0.9:37.45:0.1:179.2E, 0.2:h28km, 11km, mb4.5/7, Error ellipse: s-maj=26.7km s-min=14.8km

WEL 27 17:45:28.7, 1.1, 37.5:4.4:17.9E, h12km, M3.7/5.1, ML3.9/17, MLv3.7/5.1, Error ellipse: s-maj=0.0km

ISC 27 17:45:26.4, 2.2, 37.32S:006.179:20E:0.09, h25km, 12km, n128, s1918/130, mb4.3/3, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, El, P, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waioomatatini, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like NNZ Nelson, QRZ Quartz Range, MRNZ Matariki Terra, etc.

SCB 27 17:59:16.8, 1.2, 21.31S:67.92W, h158km, 9km, ML3.3/3, MW3.4, Error ellipse: s-maj=3.2km s-min=2.8km az=2.0

GUC 27 17:59:17.0, 7.0, 21.31S:67.95W, h168km, 6km, ML3.6

ISC 27 17:59:16.2, 1.7, 21.31S:0.04:67.94W, 0.05, h172km, 15km, n37, s1917/56, 13-5D, Chile-Bolivia border region

Main station list table with columns: Code, Station Name, Az, El, P, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like TNTI Ternate, LBMI Labuha, SANI Sanana, etc.

ICD 27 18:12:43.1, 1.3, 1.05N:127.40E, h0km, mb3.5/4, mbmp3.5/5, ML2.8/1, Error ellipse: s-maj=60.7km

ISC 27 18:12:45.0, 1.2, 1.05N:0.09:127.47E:0.09, h16km, 9km, n9, s099/9, mb3.4/4, Halmahera

ICD 27 18:12:43.1, 1.3, 1.05N:127.40E, h0km, mb3.5/4, mbmp3.5/5, ML2.8/1, Error ellipse: s-maj=62.9km

DJA 27 18:12:45.4, 0.4, 1 N3.3:12.7E, h10km, M3.6/9, mb3.9/1, MLv3.5/9

ISC 27 18:12:45.0, 1.2, 1.05N:0.09:127.58E:0.06, h10km, n10, s0911/11, mb3.6/4, Halmahera

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like TNTI Ternate, LBMI Labuha, SANI Sanana, etc.

IPCC 27 19:07:53.1, 0.3, 51.54N:16.19E, h0km, 1km, ML2.5/4, Error ellipse: s-maj=2.2km s-min=1.1km az=23.0

PRU 27 19:07:55.6, 51.45N:16.11E, h0km

VIE 27 19:07:56.2, 1.6, 51.31N:16.01E, h0km, mb2.6/12, ml2.4/14, Error ellipse: s-maj=9.7km s-min=5.8km az=168.0 73 km WNW of Wrocław Suspected Mining induced.

ISC 27 19:07:53.3, 1.1, 51.54N:0.05:16.09E:0.02, h0km, n45, s1919/9, Poland

Main station list table with columns: Code, Station Name, Az, El, P, Res. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

27d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSALIA, MOA, STHS, BIAO, ARSA, LESA, KBA, SOKA, OBKA, MYKA, WTTA, MOTA, ABTA, SQT, FETA.

IDC 27 19:10:57.5.960.0.5479N.33:35E.h0km. Error ellipse: s-maj=393.3km s-min=64.2km az=49.0, Baltic States-Belarus-Northwestern Russia

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

IDC 27 19:14:27.1.1.6.1.99S.128:89E.h0km,mb3.5/2, mbtmp3.5/3,ML3.6/1, Error ellipse: s-maj=32.3km s-min=15.0km az=83.0, Halmahera

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

IDC 27 19:21:54.4.2.4.57:98S.24:99W,h33km,17km,mb4.3/14, mbtmp4.5/16,ML4.8/2,MS3.8/28, Error ellipse: s-maj=19.9km s-min=12.8km az=40.0

NEIC 27 19:21:55.1.2.5.81:08S.0:09.25:00W.0.2,h42km,7km, mb4.7/43, Error ellipse: s-maj=13.8km s-min=11.4km az=215.0

ISC 27 19:21:54.8.0.4.58:09S.0:06.25:00W.0:07,h40km,n107, az=146/87,mb4.6/33,MS3.8/26,5C-32,South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOPE, VNA1, VNA3, VNA3, VNA2, SNA4, SNA4, SNA4, TROLL, PMSA, PMSA, PMSA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BELA, SMAI, AY01, QSPA, PLTB, PLCA, LL04, LR04, MAW, MAW, CPUP, CPUP.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CORONEL, MTO2, COO1, AQB8, AC02, SBA, VDA, BOSSA, BOBO, GOO2, H04S2, H04S3, H04S1, BDBF, BDBF, BDBF, LVC, LVC, PM07, PTLS, H10S3, TSUM, SIV, GO01, H10N1, H10N3, H10N2, PB16, CASY, LPAZ, LPAZ, LPAZ, SAML, ETMB, LSZ, LSZ, LSZ, NNA, MACA, ATAH, LIC, KIC, TIC, DBIC, BOAV, MDP, MCRA, GOSC, COHC, MBAR, ROSC, TOAO, TORD, TORD, KOWA, KOWA, KOWA, KMBO, BAUV, BAUV, SDV, SDV, SDV, SJG, NWA0, ATD, STKA, STKA, PPT, MDT, ASAR, ASAR, WRA, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MINA, FINES, ARCES, ARCES, MKAR, KURBS, YKA, YKA, ZALV, SONM, ILAR, KSRS, USRK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PORT MORESBY, KERAVAT, WARRAMUNGA, ASAR, TORD.

SOME 27 19:51:34.8.42:95N.83:67E,h15km NNC 27 19:51:35.4.2.1.42:78N.83:53E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=16.0km s-min=7.4km az=143.0

ISC 27 19:51:37.1.3.0.43:1N.0:2:83.6E.0.1,h10km,n16, az=157/15,6C-10,Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDGK, PDGK, PDGK, DJR, DJR, DJR, SHLS, SHLS, SHLS, KNOS, KNOS, KPKS, KPKS, MK31, MAK2, MAK2, ZSN, ZSN, ZSN, ZSN, ZSN, ZSN, KTBS, KTBS, KTBS, TKM2.

IDC 27 20:05:09.4.2.1.15:04S.71:20W,h102km,21km,mb3.6/10, mbtmp4.2/14, Error ellipse: s-maj=25.0km s-min=13.4km az=55.0

VAO 27 20:05:11.0.0.5.15:16S.71:66W,h132km,mb4.5 NEIC 27 20:05:13.0.1.9.15:16S.0:08.71:6W.0.1,h132km,17km, mb4.5/24, Error ellipse: s-maj=17.5km s-min=4.5km az=52.0

ISC 27 20:05:11.4.0.4.15:22S.0:05:71:60W.0.06,h133km, n138, az=141/136,mb4.0/11,6D, Northern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VISVIRI, VISVIRI, AP01, AP01, LPAZ, LPAZ, LPAZ, PB12, PB12, PB12, PB16, PB16, GO01, TA02, TA02, HMBC, PB08, PB08, TA01, PATCX.

1980

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

27d 21h

Table with columns: SIV, Station Name, Time, Res, Pn, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Ignacio, Popayan, Vilb, JAMC, BBSD, PRAC, ORTC, YOTC, PTLB, MACA, ANIL, BBRB, AC01, ROSC, PLMC, GUVZ, NIORC, AC02, RUSC, CBOS, PDRB, CLDB, DBBC, PAMC, LARO, LCO, SALV, NPGB, BOAV, BOAV, BOAV, ITTB, PP1B, SDV, SDV, SDV, AODB, ANTJ, BAUV, BAUV, SJCC, BCIP, BCIP, CFA, MALB, CRUC, SMRC, CPUP, ARAG, SNDB, MCPB, PRPB, ITQB, PTGB, CRSM, BDFB, IPMB, SMTB, ROSA, RIB01, HNDO, HNDO, TXAR, PSUT, PDAR, HWUT, HWUT, ULM, OMMB, OMMB, NVAR, MFID, MFID, TORD, YKA, ILAR, WRA, KSRS, PZH, etc.

IDC 27-21:00:30.1±2.8, 5.94S:148.39E, h93km, 27km, mb3.4/1, mbtmp4.1/4, Error ellipse: s-maj=71.9km s-min=15.5km az=123.0, New Britain region

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

IDC 27-21:02:18.7±1.2, 0.97N:127.49E, h0km, mb3.9/4, mbtmp3.8/6, ML3.3/2, MS3.6/2, Error ellipse: s-maj=38.0km s-min=20.1km az=55.0

ISC 27-21:02:23.7±1.2, 0.9N:0.2:127.5E:0.1, h35km, n8, c085/7, mb3.7/4, Halmahera region

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

2017 SEP

Table with columns: WRA, ASAR, MKAR, KURBB, BVAR, MLR, etc. Includes station names, times, and residuals.

NEIC 27-21:07:57.1±1.9, 58.45N:0.02:137.19W:0.07, h1km, 1km, ML2.5/28, ML2.6(OTT), Error ellipse: s-maj=6.9km s-min=2.3km az=238.0

OTT 27-21:07:59.7±2.0, 58.49N:0.02:137.12W:0.06, h1km, 1km, Error ellipse: s-maj=6.1km s-min=2.4km az=242.0

PGC 27-21:07:59.7±7.7, 58.49N:137.12W, h1km, ML2.6/9, 129km

Flow of Haines, Alaska Southeastern Alaska

ISC 27-21:07:57.1±1.3, 58.44N:0.05:137.39W:0.06, h10km, n30, c153/42, Southeastern Alaska

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

IDC 27-21:10:30.3±0.5, 28.81N:140.61E, h0km, mb4.2/22, mbtmp4.2/31, ML3.5/3, MS3.6/47, Error ellipse: s-maj=15.9km s-min=11.8km az=70.0

MOS 27-21:10:30.8±0.8, 28.75N:140.45E, h1km, mb4.9/23, Error ellipse: s-maj=11.5km s-min=5.8km az=102.2

NEIC 27-21:10:33.5±1.1, 28.77N:0.05:140.50E:0.08, h12km, 4km, mb4.9/74, Error ellipse: s-maj=10.8km s-min=6.7km az=59.0

BJI 27-21:10:34.2±0.0, 28.57N:140.89E, h46km, mb4.4/61, mb4.7/35, Ms4.2/50, Ms7.4/0/49

GCMT 27-21:10:34.5±0.4, 28.88N:0.05:140.37E:0.03, h16km, 1km, MW4.8/71, Moment Tensor Solution. s13,c14; s71,c90; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-1.61±.15; Mw0.25±.09; Mw1.36±.09; Mw1.79±.38; Mw0.39±.05; Mw0.93±.23; Best double couple: Mw2.293000/1016 Np1±214.00000/372.00000, A-66.00000. NP2: 0±339.00000/330.00000, A-141.00000. Principal axes: M30M, P1g23.00000, Azm286.00000, N 1.2730, P1g23.00000, Azm26.00000, P -2.92300, P1g57.00000, Azm156.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27-21:10:32.5±0.3, 28.76N:0.04:140.64E:0.05, h10km, n36/3, c193/351, mb4.7/92, MS3.8/64, 13C-2D, Bonin Islands region

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

1982

Table with columns: KSRS, ASAJ, ASAJ, ASAJ, JKA, JKA, GUMO, USA0B, USA0B, USA0B, SSE, SSE, SSE, MDJ, MDJ, MDJ, YULB, YSS, YSS, SSSL, SSSL, TPIB, NJ2, NJ2, NJ2, NJ2, NJ2, QZH, QZH, QZH, QZH, TIA, TIA, TIA, TIA, GRNR, GRNR, GRNR, HNS, HNS, HNS, HNS, HEH, HEH, HEH, CNSH, CNSH, CNSH, LYN, LYN, LYN, LYN, LYN, XLT, XLT, XLT, XLT, H1N2, H1N1, H1N3, DAV, etc.



1983

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like HHC Hu-ho-hao-te, ENH Enshi, and SHL Shillong.

2017 SEP

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SHL Shillong, WMO Wujiao, and G2K Bettles.

27d 21h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like F21K Alatina River, H21K Melozitna Rive, and I28M Miner Creek.

27d 21h

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like Babbage River, Moose Creek, Stephens Creek, etc.

2017 SEP

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like Mina Array Bea, Eagleton, Bozeman (W), etc.

1984

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like SKHL 27 21:25:09, MOS 27 21:25:09, NEIC 27 21:25:12, etc.

Table of meteor observations for 1985, including codes like K27K, L27K, and observation data such as time, location, and magnitude.

NEIC 27.21:27:13.6:1.2, 17.4S:0.4:179.1W:0.2, h550km, 13km, mb4.3/10, Error ellipse: s-maj=56.2km s-min=9.2km

Table of meteor observations for 1985, including codes like MSFV, AFI, NIUE and observation data.

Table of meteor observations for 2017 SEP, including codes like AS31, AS31, and observation data.

IDC 27.21:29:10.9:1.3, 45.77N:106.73W, h0km, mtp3.2/3, ML3.0/3, Error ellipse: s-maj=43.3km s-min=9.6km

NEIC 27.21:29:12.5:1.2, 45.86N:106.70W:0.08, h0km, 2km, ML2.0/3, Error ellipse: s-maj=9.8km s-min=7.8km

ISC 27.21:29:10.5:1.1, 46.00N:106.62W:0.06, h0km, n22, alpha1712Z, Montana

Table of meteor observations for 2017 SEP, including codes like LAO, RLMT, and observation data.

RHSSO 27.21:31:53.7:0.4, 43.27N:20.11E, h3km, 1km, ML2.6/16, BEO 27.21:31:53.2:0.3, 43.25N:20.19E, h0km, ML2.7/8

ISC 27.21:31:52.4:1.0, 43.25N:20.02E:0.18, h3km, 9km, n97, alpha78/153, 29C-23D, Northwestern Balkan

Table of meteor observations for 2017 SEP, including codes like SJS, SJS, and observation data.

Table of meteor observations for 2017 SEP, including codes like BUM, TEKS, and observation data.

IDC 27.21:33:09.6:0.6, 28.82N:140.66E, h0km, mb4.1/15, mtp4.0/17, ML3.3/2, MS3.2/8, Error ellipse: s-maj=30.1km s-min=3.4km

NEIC 27.21:33:12.2:1.6, 28.70N:140.66E:0.09, h10km, 1km, mb4.6/6, Error ellipse: s-maj=15.7km s-min=9.7km

ISC 27.21:33:11.2:0.5, 28.72N:140.56E:0.09, h10km, n50, alpha124/39, mb2.1/19, MS3.0/4, Bonin Islands region

Table of meteor observations for 2017 SEP, including codes like JCD, JCD, and observation data.

27d 21h

Table with columns: Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy 25.96 107 T T 22 06 03.5, H11S1 WAKE ISLAND Hy 25.97 107 T T 22 06 04.7, H11S2 WAKE ISLAND Hy 25.98 107 T T 22 06 21.8, etc.

IDC 27 21:35:54.6, 1.6, 5:50S: 147.33E, h196km, 14km, mb3.2/4, mbmp3.8/7, Error ellipse: s-maj=33.2km s-min=14.7km az=98.0

ISC 27 21:35:52.5, 1.2, 5:34S: 0:09:147.4E:0.2, h170km, n8, c=34/10, mb3.4/4, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like PMG Port Moresby 4.05 183 P Pn 21 36 56.7 +2.8, JAY Jayapura 7.22 293 P 21 37 37.4 +1.8, WRA Warramunga Arr 19.27 220 P 21 40 03.5 -0.8, etc.

BUI 27 21:47:34.6, 0.0, 28.37N: 141.11E, h37km, mb4.4/45, mb4.7/27, Ms4.1/32, Ms7.3/9/33

IDC 27 21:47:35.1, 0.6, 28.84N: 140.36E, h0km, mb4.1/21, mbmp4.1/24, ML3.0/3, MS3.5/47, Error ellipse: s-maj=20.1km s-min=13.8km az=81.0

NEIC 27 21:47:37.8, 1.1, 28.81N: 0:06:140.52E:0.08, h11km, 4km, mb4.7/62, Error ellipse: s-maj=10.8km s-min=7.5km az=60.0

MOS 27 21:47:42.5, 1.4, 28.79N: 140.31E, h65km, mb4.6/21, Error ellipse: s-maj=13.3km s-min=7.8km az=98.3

ISC 27 21:47:36.8, 0.4, 28.79N: 0:04:140.64E:0.05, h10km, n200, c=187/65, mb4.6/75, MS3.7/52, 11C, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like JCJ Chichijima 2.17 141 Pn Pn 21 48 14.4 +1.4, JCJ Chichijima 2.17 141 Pn Sn 21 48 39.4 -0.5, JGF Kuroka 7.34 339 Pn Pn 21 49 24.0 -0.1, etc.

2015 SEP

Table with columns: Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like USRK Ussuriysk Ar. 16.87 338 Pn Pn 21 51 32.2 -0.7, MDJ Mudanjiang 18.09 334 P P 21 51 50.8 +2.3, MDJ Mudanjiang 18.09 334 pP pP 21 52 02.0 +1.1, etc.

1986

Table with columns: Station Name, Az, Op, Phase, ID, Time, Res. Includes stations like PZH comp=Z,150nm,15.7s LR LR, PZH comp=Z,180nm,21.8s LR LR, GTA Gatai 35.17 298 eP P 21 54 30.5 -0.6, etc.

Table with columns: STKA, BEAR, STEPHENS, etc. and various numerical data points.

Table with columns: PFO, BURAR, TAORE, SRU, SRU, U15A, U15A, ULM, VRAC, GERES, etc. and various numerical data points.

Table with columns: PCRV, PCRV, ATAH, PDAR, ASAR, WRA, MOS, NEIC, IDC, etc. and various numerical data points.

27d 21h

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes stations like NHY Taipei, TWY Chenhua, YMO1 YMO1, etc.

2017 SEP

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes stations like WUSB Renai, HGSD Ruisui, WHP Taichung City, etc.

1988

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes stations like TPUB, CHN4 Tsoushan, WTK Tuku, etc.

1989

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NUJ, JNU, TG Y, KSAR, etc.

2017 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HEH, LBMI, ULN, etc.

27d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BVAR, BRVK, NRK, etc.

27/2 22h

Table with columns: BRTR, Keskinn Array B, 74.35 307ceP, P, 22 08 03.0 +0.4, etc. Includes stations like Keskin Array B, Mount Meron Ar, Bucovina Ar, Muntele Rosu, etc.

CNRM 27 21:57:39.2, 36.38N; 4.60W, h102km, ml2.5
SFS 27 21:57:39.6, 36.16N; 4.46W, h75km, ML2.5/17, ML2.5/12, ML2.5/17

MDD 27 21:57:40.7, 0.3, 36.57N; 4.41W, h83km, 4km, Mb2.9/31,
Error ellipse: s-maj=2.7km s-min=1.8km az=151.0

INMG 27 21:57:41.7, 36.57N; 4.41W, h73km, ML2.2, Error
ellipse: s-maj=3.1km s-min=2.7km az=83.0

IGIL 27 21:57:41.7, 36.57N; 4.41W, h73km, ML2.3
ISC 27 21:57:38.1, 2.3655N; 0.02, 4.41W; 0.02, h95km, 6km,
n86, c1975/157, 18C-1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Malaga-Limoner, Mijas, Sierra Gorda, Los Guajares, etc.

2017 SEP

Table with columns: PBAR, Barrancos, 2.65 309, P, Pn, 21 58 20.9 +1.6, etc. Includes stations like Barrancos, JBK, Vaqueiros, Barranco-do-Verde, etc.

1990

Table with columns: GLKZ, Great Barrier, 5.77 219, P, S, 22 01 36.1 -7.2, etc. Includes stations like Great Barrier, Matakaoa Point, Kuatouutu, etc.

IDC 27 22:22:16.4; 15.0, 19.36N; 121.68E, h0km, mb3.6/4,
mbtm3.7/5, ML3.6/1, MS3.2/11, Error ellipse:
s-maj=297.9km s-min=41.2km az=141.0, Philippine

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JOW, DAV, JNU, KSRS, CMAR, USR, AKR, MKAR, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, ZALV, MA2, AAK, KURBB, AKTO, NOA, etc.

IDC 27 22:29:39.9; 1.2, 28.47N; 140.76E, h0km, mb3.4/3,
mbtm3.4/4, Error ellipse: s-maj=39.0km s-min=20.9km
az=60.0

ISC 27 22:29:43.2; 1.0, 28.6N; 0.1; 140.9E; 0.2, h35km, n9,
c2573/7, mb3.4/3, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like JCY, JCY, MJAR, MJAR, H1N2, H1N1, H1N3, WRA, ASAR, LPAZ, SHLS, PRZ, PRZ, UZB, UZB, PDGK, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HORT, HORTI, PANAGYURISHTE, BARJE, etc.

ML1.0/4.1C, Error ellipse: s-maj=0.7km s-min=0.6km az=300.0, Northern Italy

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

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

NEIC 27.23:30.04.7z 1.2, 8'23S:0.06:119.47E:0.07, h156km, 9km, mb4.2/16, Error ellipse: s-maj=10.6km s-min=8.8km

DJA 27.23:00.05.9z 0.6, 8'S:4'12'0E, h148km, 13km, M4.3/8, MLV4.3/8

IDC 27.23:00.06.1z 2.2, 8'17S:119.59E, h170km, 20km, mb3.8/8, mbtmp4.3/12, MS2.4/1, Error ellipse: s-maj=43.2km s-min=10.9km az=63.0

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

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

1993

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANMO Albuquerque, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I53US FAIRBANKS INFR, I18DK QANAAQ INFRAS20, I10CA LAC DU BONNET 30.

NAO 28 00:02:32.4, 2.1, 79.85N, 3.80E, ML3.3
BER 28 00:02:34.7, 3.9, 79.67N, 3.80E, h10km, mb(Pn)4.0, ML3.3(VA/O) Confirmed Earthquake
DNK 28 00:02:35.5, 1.7, 79.61N, 3.97E, h30km, 21km, ML2.1
IDC 28 00:02:37.2, 7.9, 54N, 4.58E, h0km, mb, 3.3/2
mbtm3.47, ML2.7/4, MS3.1/5, Error ellipse: s-maj=33.4km s-min=29.8km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBS Kingsbay, BRBB Barentsburg B, BRBB Barentsburg B, BRBA Barentsburg A, BRBA Barentsburg A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, HSPB Hornsund (broa), HSPB Hornsund (broa).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOR Nord, HOPEN Hopfen, HOPEN Hopfen, HOPEN Hopfen, HOPEN Hopfen.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAMF Hammerfest, VADS Vadsø, ARAO ARCESS Array S, ARAO ARCESS Array S.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOA NORSTAR Array B, FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES FINESS Array B, FINES FINESS Array B, HFS Hagfors, HFS Hagfors.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, AAK Ala-Archa, AAK Ala-Archa, BBB Bella Bella, BBB Bella Bella, YBH Yreka Blue Hor, YBH Yreka Blue Hor.

SCB 28 00:10:05.6, 0.9, 20.87S, 67.85W, h160km, 23km, ML3.2/1, MW3.1, Error ellipse: s-maj=8.1km s-min=5.8km az=0.0

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GUC 28 00:10:06.1, 0.9, 20.88S, 67.96W, h184km, 11km, ML3.0
ISC 28 00:10:05.6, 2.3, 20.90S, 67.90W, 0.06, h173km, 22km, n23, 068736, 4C, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, PB09 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, LVC Limon Verde, LVC Limon Verde, HMBC Humberstone, HMBC Humberstone.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOCB Mochoa, TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, JNU Nakatsu, JNU Nakatsu, JOW Kunigami, JOW Kunigami.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy 25.34 105 T, H1N1 WAKE ISLAND Hy 25.34 105 T, H1N1 WAKE ISLAND Hy 25.34 105 T, H1N1 WAKE ISLAND Hy 25.34 105 T.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

NEIC 28 00:29:41.9, 1.9, 58.46N, 0.02:137.08W, 0.10, h1km, 2km, ML2.5/18, ML2.6(OTT), Error ellipse: s-maj=9.1km s-min=3.0km az=253.0

PGC 28 00:29:43.8, 5.8, 58.48N, 137.19W, h1km, ML2.6/11, 132km Wsw of Haines, Alaska Southeastern Alaska
OTT 28 00:29:43.8, 2.3, 58.48N, 137.19W, 0.06, h1km, 2km, Error ellipse: s-maj=9.1km s-min=4.5km az=226.0

ISC 28 00:29:39.9, 1.4, 58.44N, 0.04:137.19W, 0.04, h17km, 15km, n34, 1905/51, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BESE Bessie Mountain, P29M Windy Craggy, P29M Windy Craggy, P29M Windy Craggy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKAG Skagway, SKAG Skagway, S32K Killisnoo, S32K Killisnoo, P30M Million Dollar, P30M Million Dollar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like P30M Million Dollar, P30M Million Dollar, P30M Million Dollar, P30M Million Dollar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like N30M Aishikik Lake, N30M Aishikik Lake, N31M Braeburn, Yuko, N31M Braeburn, Yuko.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R33M Jennings River, R33M Jennings River, R33M Jennings River, R33M Jennings River.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R33M Jennings River, R33M Jennings River, N33M Quiet Lake, N33M Quiet Lake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like N32M Quiet Lake, N32M Quiet Lake, DLBC Dease Lake, DLBC Dease Lake, M29M Somme Creek, M29M Somme Creek.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M30M Minto, Yukon, M30M Minto, Yukon, M30M Minto, Yukon, M30M Minto, Yukon.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK031 S. Brethren R, OK031 S. Brethren R, OK031 S. Brethren R, OK031 S. Brethren R.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK052 Battle Ridge R, OK052 Battle Ridge R, OK033 Mehan, OK033 Mehan.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK048 Pawnee Station, OK048 Pawnee Station, OK029 Liberty Lake, OK029 Liberty Lake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK051 E0350 and S346, OK051 E0350 and S346, OK051 E0350 and S346, OK051 E0350 and S346.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TUL3 Leonard, TUL3 Leonard, TUL3 Leonard, TUL3 Leonard.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W35A Slackwell, W35A Slackwell, FNO Tecumseh, FNO Tecumseh.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLOK Blackwell, T35A Sooner Cattle, T35A Sooner Cattle, T35A Sooner Cattle.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CROK Carrier, CROK Carrier, KAN15 South Haven, KAN15 South Haven.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCO2 Grant County, KAN17 Caldwell West, KAN09 Caldwell West, KS20 Mayfield South.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like X34A Smith Ranch, KAN01 Argonia South, X37A Clayton, KAN06 Argonia West S.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAN08 Anthony Ne Sta, U38A Gravette, U32A Winter Ranch, WNOK Wichita.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHAR Hobbs, MIAR Mount Ida, S39A Bolivar, X40A Basin Creek Fa.

28d 0h

IDC 28 00:38:36.7, 0.9, 2.81S, 134.20E, h0km, mb, 1/10, mbtm4.1/12, ML3.7/2, MS3.3/1, Error ellipse: s-maj=34.9km s-min=19.0km az=49.0

NEIC 28 00:38:39.2, 3.3, 0.01S, 0.08:134.21E, 0.06, h19km, 6km, mb, 4.2/10, Error ellipse: s-maj=11.6km s-min=8.0km az=1.0

DJA 28 00:38:41.5, 0.7, 3.54S, 133.4E, h31km, 12km, M4.3/6, mb, 5.2/MLV4.3

ISC 28 00:38:39.1, 0.6, 3.04S, 0.04:134.20E, 0.07, h24km, n37, 1958/41, mb, 2.4/12, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMPI Kaimana, Papua, KMPI Kaimana, Papua, RKPI Ransiki, RKPI Ransiki.

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

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

ASAR comp=Z,0.2nm,0.3s,baz=2.1,slow=27,SNR=1.0... CTA comp=Z,2.0nm,1.8s,baz=4.1,slow=39... MBWA comp=Z,2.2nm,1.4s... CMAR comp=Z,0.7nm,0.3s,baz=125,slow=7.9,SNR=1.1... SONM comp=Z,0.7nm,0.3s... MKAR comp=Z,1.4nm,0.4s... MAKZ comp=Z,1.7nm,0.8s... KURBS comp=Z,1.7nm,0.8s... KVAR comp=Z,1.7nm,0.8s... BVAR comp=Z,1.7nm,0.8s... BRVK comp=Z,1.9nm,0.8s... GEYT comp=Z,1.6nm,0.7s... ABKAR comp=Z,1.6nm,0.7s... DHY comp=Z,1.1nm,0.6s... CCB comp=Z,1.3nm,0.7s... ILAR comp=Z,0.5nm,0.7s... BMAR comp=Z,0.3nm,0.3s...

NNC 28 00:43:50.9-5.0,36.77N:70.31E, h149km, 116km, mb2.8, mpv3.6, 2C-3D, Error ellipse: s-maj=54.9km s-min=33.7km az=43.0, Hindu Kush region

SCB 28 00:46:48.2+1.2, 18.33S:67.11W, h272km, 111km, ML3.6/7, MW2.5, Error ellipse: s-maj=5.1km s-min=3.2km az=1.0, Central Bolivia

SOEO Opoqueri 0.77 252 P Op Pn 00 47 25.4 +0.2... SOET ToroToro 1.25 80 P Pn 00 47 26.8 -0.7... SBOJ Jacaque 1.69 322 P Pn 00 47 31.4 +0.6... BBOD La Paz, Chanca 1.72 331 P Pn 00 47 32.0 +1.0... SODJ La Paz, Gloria 2.20 320 P Pn 00 47 35.5 +0.5... LPAZ La Paz 2.25 334 P Pn 00 47 35.6 +0.1... PB16 IPOC Station P 2.28 269 P Pn 00 47 36.5 +0.9... PB12 IPOC Station P 3.07 246 P Pn 00 47 43.5 +0.6... MOCB Mochara 3.22 155 P Pn 00 47 46.1 +1.2... MOCB 4.7nm,0.5s IAML 00 48 29.5 -0.4... MOCB 00 48 35.5

IDC 28 00:47:12.6-1.5, 25.23N:125.50E, h0km, mb3.4/3, mbmp3.4/4, ML3.2/1, Error ellipse: s-maj=35.8km s-min=26.2km az=106.0

JMA 28 00:47:20.0-1.0, 25.1N:115.25E, h70km, 2km, MV3.3/21, NEAR MIYAKOJIMA ISLAND... JKE Ishigaki jima 1.99 239 P Pn 00 47 45.6 +0.2... JIRB Itrabujima 0.73 222 P Pn 00 47 35.4 +0.1... JIRB 00 47 46.6 +0.1... JTJ Tarama 1.17 232 P Pn 00 47 41.4 +0.4... JTJ 00 47 56.8 +0.5... JKE Kume jima 2 1.35 45 P Pn 00 47 43.1 -0.3... JKE 00 48 00.2 -0.5... JISG Ishigaki jima 1.99 239 P Pn 00 47 45.6 +0.2... JISG 00 48 03.9 -0.1... JIJ Ishigaki jima 1.75 235 P Pn 00 47 48.6 -0.1... JIJ 00 48 08.9 -1.1... JAGN Aguni-jima 1.83 48 P Pn 00 47 49.7 -0.2... JAGN 00 48 11.1 -1.0... JKRS Kuro-shima 1.92 234 P Pn 00 47 51.3 +0.3... JKRS 00 48 14.3 +0.2... IRIF Iriomote-Funau 2.08 241 eP Pn 00 47 53.4 +0.7... HTAJ Hateruma jima 2.17 233 P Pn 00 47 55.2 +0.3... JHTH Nagotoyohara 2.37 61 eP Pn 00 47 58.1 +1.4... JIH Itheya 2.62 50 eP Pn 00 48 00.9 +0.4... YOJ Yonaguni jima 2.62 250 eP Pn 00 48 00.8 +0.4... JOW Kunigami 2.72 57 P Pn 00 48 01.7 -0.2... JOW 00 48 01.5 -0.5... JOW 5.3nm,0.3s,baz=252,slow=19,SNR=1.9 Sn 00 48 36.2 +2.5... JOW 7.8nm,0.3s,baz=198,slow=19,SNR=1.8 Sn 00 48 36.2 +2.5

ASAR Alice Springs 49.39 170 P P 00 56 03.6 -0.1... NEIC 28 01:01:48.3+1.3, 38.89N:0.02+111.92W:0.02, h6km, 9km, Error ellipse: s-maj=2.6km s-min=1.8km az=168.0... UUS 28 01:01:48.4+1.2, 38.91N:0.02+111.95W:0.02, h8km, 7km, ML2.9/21, ML2.9/142(NEIC), Error ellipse: s-maj=2.8km s-min=2.4km az=133.0, Utah

WCU Willow Creek 1.5 298 Op Pn 01 01 51.7 +0.2... WCU 01 01 54.0 +0.4... WCU 01 01 56.0 +0.4... WCUT Old Woman Plat 0.43 107 P Pn 01 01 56.9 +0.1... MVU Marysville 0.45 208 P IAML 01 02 06.2... MVU 01 02 12.7... TCRU Three Creeks R 0.49 233 P Pn 01 01 58.0 +0.1... TCRU 01 02 05.1 +0.7... TCRU Three Creeks R 0.49 233 IAML 01 02 08.3... TCRU 01 02 11.6... FLU Fool Peak 0.50 340 P Pn 01 01 58.1 -0.1... Q16A Castle Valley 0.60 89 P Pn 01 01 59.7 -0.4... Q16A 01 02 07.9 -0.2... Q16A Castle Valley 0.60 89 IAML 01 02 08.2... Q16A 01 02 09.3

LEVU Levan 0.61 10 P Pn 01 02 00.6 +0.3... TMTU Trail Mountain 0.69 56 P Pn 01 02 01.0 0.0... TMTU 01 02 02.9 -0.5... DBD Des Bee Dove 0.78 58 P Pn 01 02 04.0 +0.1... NMUT North Mineral 0.81 242 P Pn 01 02 04.4 -0.8... MMU Miners Mointal 0.87 144 P Pn 01 02 05.4 0.0... MTPU Electric Lake 0.93 38 P Pn 01 02 07.7 -0.1... ELU Iron Mountain 0.99 254 P Pn 01 02 07.8 -0.1... SUU Santquin Cany 0.99 7 P Pn 01 02 08.7 0.0... NLU North Lily Min 1.05 355 IAML 01 02 25.6... NLU North Lily Min 1.05 355 Pn 01 02 25.6... SRU San Rafael Swe 1.13 79 P Pn 01 02 09.1 -1.0... SRU 01 02 09.8 -0.2... SRU 01 02 25.4... SRU 01 02 25.5

MPU Maple Canyon 1.14 12 P Pn 01 02 10.3 +0.1... DWU Dry Willow Pea 1.15 226 P Pn 01 02 10.5 +0.1... BTU Barney Top 1.15 177 P Pn 01 02 10.0 -0.4... EMUT West Mountain 1.17 4 P Pn 01 02 11.1 0.0... DCM Dugout Coal Mi 1.32 53 Pn 01 02 12.6 -0.8... HMU Henry Mountain 1.35 135 Pn IAML 01 02 13.1 -0.7... HMU 01 02 24.0... DUG Dugway, Tooele 1.45 333 Pn IAML 01 02 14.4 -0.7... DUG 01 02 36.8... DUG 01 02 41.0... PKCU Pink Cliffs 1.49 191 Pn IAML 01 02 15.2 -0.5... PKCU 01 02 39.5... PKCU 01 02 40.5

P18A Preston Under 1.50 61 Pn Pn 01 02 16.1 +0.2... PSUT Pine Spring 1.54 257 Pn Pn 01 02 16.1 -0.1... PSUT 01 02 39.0... PSUT 01 02 39.1... CTSU Camp Tracy 1.79 5 Pn Pn 01 02 19.6 -0.1... SPR3 Spring Creek 3 1.86 274 Pn Pn 01 02 21.0 +0.1... SPR3 01 02 24.0... SPR3 01 02 51.8... BSUT Blindstream Ca 1.87 29 Pn Pn 01 02 21.8 +0.8... KB Kanab 2.01 209 Pn Pn 01 02 23.6 +0.9... LCMT Little Creek M 2.15 200 Pn Pn 01 02 25.7 +1.1... LCMT 01 02 58.1... BGU Big Grassy Moe 2.18 338 Pn Pn 01 02 24.4 -0.7... BGU 01 03 02.0... BGU 01 03 06.7... TCUT Toone Canyon 2.25 10 Pn Pn 01 02 26.5 +0.4... TCUT 01 03 13.8... SPUT South Promont 2.43 351 Pn Pn 01 02 28.4 -0.1... RDMU Red Mountain 2.48 47 IAML Pn 01 02 29.0 -0.2... RDMU 01 03 05.6... RDMU 01 03 05.6... U15A North Rim 2.49 186 Pn Pn 01 02 30.1 +0.7... U15A 01 03 22.3... U15A 01 03 28.6... HWUT Hardware Ranch 2.71 6 Pn Pn 01 02 31.7 -0.8... HWUT 01 03 18.3... HWUT 01 03 25.9... PRN Pahroc Range 2.87 240 Pn Pn 01 02 34.4 -0.1... PRN 01 03 25.2... PRN 01 03 27.5... HVU Hansel Valley 2.94 348 Pn Pn 01 02 35.6 +0.1... HVU 01 03 28.4... HVU 01 03 31.2... O20A White River Ci 3.12 66 Pn Pn 01 02 39.9 +1.9... ELK Elko 3.13 307 Pn Pn 01 02 38.7 +0.5... ELK 01 03 27.9... MVCO Mesa Verde 3.20 121 Pn Pn 01 02 39.0 -0.3... WUJZ Wupatki 3.41 172 Pn Pn 01 02 41.5 -0.5... ID07 Smith Canyon R 3.63 358 Pn Pn 01 02 45.5 +0.6... ID06 Fossil Canyon 3.70 6 Pn Pn 01 02 45.8 -0.1... ID10 Lander Cutoff 3.70 12 IAML Pn 01 02 45.6 -0.4... ID10 01 03 53.9... ID10 01 04 00.7... ID05 Sulphur Canyon 3.75 5 Pn Pn 01 02 46.4 -0.3... ID05 01 03 51.5... ID05 01 04 02.0... SMCO Snowmass 3.88 84 Pn Pn 01 02 48.0 -0.6... AHID Auburn Hatcher 3.91 9 Pn IAML 01 02 49.0 +0.2... AHID 01 03 56.9... TPNV Topopah Spring 3.92 241 Pn Pn 01 02 50.0 +1.0... TPNV 01 04 02.5... TPNV 01 04 13.7... V12A Nelson 3.93 217 Pn Pn 01 02 49.9 +0.9... ID08 Devils Gate 3.99 1 Pn Pn 01 02 50.2 +0.2... ID08 01 04 12.0

Q09A Carals 4.09 271 Pn Pn 01 02 50.4 -0.9... W13A Huilapai Mount 4.01 203 Pn Pn 01 02 51.1 -0.4... W13A 01 03 33.5... W18A Petrifir 4.17 154 Pn Pn 01 02 51.2 -1.2... S22A 4UR Ranch, Cre 4.19 104 Pn Pn 01 02 54.2 +1.4... S22A 01 04 16.0... S22A 01 04 17.5... TPH Tonopah 4.22 260 Pn Pn 01 02 54.5 +1.4... BW06 Boulder Array 4.26 24 IAML Pn 01 02 55.2 +1.5... BW06 01 04 22.7... BW06 01 04 28.0... PD31 Winelad Array 4.26 24 Pn Pn 01 02 54.8 +1.0... WCT Wildcat Mouta 4.26 242 Pn Pn 01 02 53.0 -0.6... WCT 01 04 10.8... WCT 01 04 11.4... GMM 4.44 256 Pn Pn 01 02 56.4 +0.1... GMM 01 02 55.1 -1.7... GMM 01 04 13.9... X16A Lo Mia Camp, P 4.50 175 Pn Pn 01 02 56.2 -0.7... X16A 01 04 18.9... X16A 01 04 22.1... REDW Red Top Meadow 4.53 10 Pn Pn 01 02 57.4 0.0... RWWY Rawlins 4.56 51 Pn Pn 01 02 59.0 +1.1... GWY Greenwater Val 4.63 236 IAML Pn 01 02 59.0 +0.3... GWY 01 04 24.4... GWY 01 04 37.2... TPAW Teton Pass 4.64 9 IAML Pn 01 02 57.2 -1.8... TPAW 01 03 36.7... TPAW 01 05 10.2... X18A Snowflake 4.65 159 Pn Pn 01 02 59.1 0.0... GRAC Grapevine Rang 4.69 248 Pn Pn 01 03 00.8 +1.4... GRAC 01 04 27.9... FXWY Fox Creek 4.78 8 IAML Pn 01 03 02.2 +1.3... FXWY 01 04 49.3... FXWY 01 05 19.5... KVN Kaiserville 4.80 274 Pn Pn 01 03 02.2 +1.1... KVN 01 04 23.7... KVN 01 04 25.6... LOHW Long Hollow 4.81 12 IAML Pn 01 03 01.4 +0.2... LOHW 01 03 59.7... LOHW 01 05 19.5... NV11 Mina Array Sit 4.88 266 Pn IAML Pn 01 03 03.0 +0.8... NV11 01 04 25.2... NV11 01 04 35.5... MOOV Moose Pond 4.92 10 Pn IAML Pn 01 03 03.6 +0.8... MOOV 01 05 37.8... ISCO Idaho Springs 4.99 78 Pn Pn 01 03 05.2 +1.4... DSP Deep Springs 4.99 254 IAML Pn 01 03 04.2 +0.7... DSP 01 04 00.5... DSP 01 04 33.1... NVAR Mina Array Bea 5.00 267 Pn Pn 01 03 03.8 -0.1... N23A Red Feather La 5.03 65 Pn Pn 01 03 04.3 +0.1... IMW Indian Meadow 5.04 8 Pn IAML Pn 01 03 04.9 +0.4... IMW 01 04 59.4... IMW 01 05 19.4... LHV Little Hulton 5.18 265 Pn Pn 01 03 06.3 +0.2... SDCO Great Sand Dun 5.20 101 Pn IAML Pn 01 03 06.3 -0.3... SDCO 01 05 56.3... MFID Camas Ranch 5.37 328 Pn IAML Pn 01 03 08.7 -0.2... MFID 01 04 42.5... K22A Casper 5.56 46 Pn Pn 01 03 10.7 -0.8... PAHR Pah R Range 5.82 280 Pn Pn 01 03 14.9 -0.7... ANMO Albuquerque 5.91 230 Pn Pn 01 03 16.5 +0.1... PNTR Pine Nut 5.96 174 Pn Pn 01 03 18.5 +1.3

IDC 28 01:26:41.1+0.8, 21.34S:67.18W, h185km, 17km, mb3.5/1, mbmp3.9/6, Error ellipse: s-maj=27.3km s-min=11.7km az=101.0... SJA 28 01:26:41.4+1.6, 21.23S:67.18W, h175km, ML4.0, MV3.7... SCB 28 01:26:42.5-0.8, 21.34S:67.02W, h208km, 7km, ML3.4/2, MV3.5, Error ellipse: s-maj=7.6km s-min=4.1km az=1.0... GUC 28 01:26:42.5-0.7, 21.39S:67.51W, h217km, 8km, ML3.9... NEIC 28 01:26:42.4+1.5, 21.40S:0.04+67.6W:0.1, h224km, 9km, mb4.4/7, Error ellipse: s-maj=16.2km s-min=5.8km az=80.0... ISC 28 01:26:40.6-0.7, 21.41S:0.04+67.29W:0.03, h210km, 7km, n87, n194/129, mb4.0/4, 3C-6D, Chile-Bolivia border

MOCB Mochara 1.55 85 Op Pn 01 27 16.5 +0.3... MOCB 01 27 41.2 -2.3... MOCB 01 27 44.9... AF01 San Pedro de A 1.74 208 Pn Pn 01 27 19.1 +1.3... YJA Yavi 1.82 115 Pn Pn 01 27 19.3 +0.6... YJA 01 27 46.0 -1.9... YJA 01 27 48.4... YJA Yavi 1.82 115 eP Pn 01 27 19.3 +0.6... YJA 01 27 46.6 -1.3... PB09 IPOC Station P 1.85 258 Pn S 01 27 19.7 +1.0... PB09 01 27 48.0 0.0... PB09 IPOC Station P 1.85 258 Pn S 01 27 19.8 +1.0... PB09 01 27 47.6 -0.5... PB09 01 27 51.3... PB09 IPOC Station P 1.85 258 eP Pn 01 27 19.6 +1.0... PB09 01 27 47.0 -0.9... PB09 01 27 50.1... LVC Limon Verde 1.92 231 Pn Pn 01 27 20.1 +0.7... LVC 01 27 20.2 +0.7... LVC 01 27 48.7 -0.8... LVC Limon Verde 1.92 231 eP Pn 01 27 20.2 +0.7... LVC 01 27 50.5 +1.0... LVC Limon Verde 1.92 231 Pn Pn 01 27 20.3 +0.7... LVC 01 27 49.1 -0.4... PB01 IPOC Station P 2.08 280 Pn S 01 27 21.1 +0.3... PB01 01 27 50.8 -0.9... PB01 01 27 52.3... PB01 IPOC Station P 2.08 280 eP Pn 01 27 21.1 +0.3... PB01 01 27 51.6 -0.2... PB01 01 27 52.0... PB08 IPOC Station P 2.15 306 Pn Pn 01 27 22.7 +0.8... PB08 01 27 22.7 +0.8... PB08 01 27 53.1 -0.5... PB08 01 27 53.7... PB08 IPOC Station P 2.15 306 eP Pn 01 27 22.7 +0.8... PB08 01 27 53.8 +0.2... PB02 IPOC Station P 2.43 272 Pn Pn 01 27 24.8 +0.3... PB02 01 27 24.8 +0.1... PB02 01 27 56.5 -1.8... PB02 01 27 57.7... PB02 IPOC Station P 2.43 272 eP Pn 01 27 24.3 -0.2... PB02 01 27 57.2 -1.3... PB02 01 27 58.1... PB07 IPOC Station P 2.44 262 Pn Pn 01 27 25.2 +0.5... PB07 01 27 25.0 +0.3... PB07 01 27 56.9 -1.7... PB07 01 27 58.1

Table with columns: ILOC 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 Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Jitter, Elevation Jitter, Azimuth Lag, Elevation Lag, Azimuth Lead, Elevation Lead, Azimuth Delay, Elevation Delay, Azimuth Rise, Elevation Rise, Azimuth Fall, Elevation Fall, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Max, Elevation Max, Azimuth Min, Elevation Min, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth Prob, Elevation Prob, Azimuth Risk, Elevation Risk, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail.

Table with columns: Station 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 Jitter, Elevation Jitter, Azimuth Lag, Elevation Lag, Azimuth Lead, Elevation Lead, Azimuth Delay, Elevation Delay, Azimuth Rise, Elevation Rise, Azimuth Fall, Elevation Fall, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Max, Elevation Max, Azimuth Min, Elevation Min, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth Prob, Elevation Prob, Azimuth Risk, Elevation Risk, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail.

IDC 28 01:34.14.0.999.0, 60.55N-157.32W, h0km, Error ellipse: s-maj=951.3km s-min=122.8km az=43.0, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Jitter, Elevation Jitter, Azimuth Lag, Elevation Lag, Azimuth Lead, Elevation Lead, Azimuth Delay, Elevation Delay, Azimuth Rise, Elevation Rise, Azimuth Fall, Elevation Fall, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Max, Elevation Max, Azimuth Min, Elevation Min, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth Prob, Elevation Prob, Azimuth Risk, Elevation Risk, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail.

ISN 28 01:36:57.0.1.9, 37.27N-144.61E, h10km, 12km, ML2.9, TEH 28 01:36:58.1, 37.46N-144.78E, h10km, 96km, ML2.9, ISK 28 01:36:58.7, 37.08N-144.75E, h2km, ML2.5/9, DDA 28 01:37:09.8.0.0, 37.72N-144.10E, h2km, 4km, ML2.5, ISC 28 01:36:59.8.1.0, 37.26N.0.003.44.88E.0.03, h20km, 13km, n30, r1597/44, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Jitter, Elevation Jitter, Azimuth Lag, Elevation Lag, Azimuth Lead, Elevation Lead, Azimuth Delay, Elevation Delay, Azimuth Rise, Elevation Rise, Azimuth Fall, Elevation Fall, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Max, Elevation Max, Azimuth Min, Elevation Min, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth Prob, Elevation Prob, Azimuth Risk, Elevation Risk, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail.

SOME 28 01:39:41.1, 40.67N-78.00E, h5km, KRNET 28 01:39:42.8.0.1, 40.67N-77.92E, h20km, mb2.9, NNC 28 01:39:43.0.0.8, 40.71N-77.99E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=5.3km s-min=3.3km az=167.0, ISC 28 01:39:43.8.2.2, 40.72N.0.10.78.00E.0.06, h4km, 14km, n54, r090/67, 23C-11D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Jitter, Elevation Jitter, Azimuth Lag, Elevation Lag, Azimuth Lead, Elevation Lead, Azimuth Delay, Elevation Delay, Azimuth Rise, Elevation Rise, Azimuth Fall, Elevation Fall, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Max, Elevation Max, Azimuth Min, Elevation Min, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth Prob, Elevation Prob, Azimuth Risk, Elevation Risk, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail.

Table with columns: Station 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 Jitter, Elevation Jitter, Azimuth Lag, Elevation Lag, Azimuth Lead, Elevation Lead, Azimuth Delay, Elevation Delay, Azimuth Rise, Elevation Rise, Azimuth Fall, Elevation Fall, Azimuth Peak, Elevation Peak, Azimuth Trough, Elevation Trough, Azimuth Max, Elevation Max, Azimuth Min, Elevation Min, Azimuth Avg, Elevation Avg, Azimuth Std, Elevation Std, Azimuth Var, Elevation Var, Azimuth Cov, Elevation Cov, Azimuth Cor, Elevation Cor, Azimuth Det, Elevation Det, Azimuth Sig, Elevation Sig, Azimuth Prob, Elevation Prob, Azimuth Risk, Elevation Risk, Azimuth Warn, Elevation Warn, Azimuth Alert, Elevation Alert, Azimuth Error, Elevation Error, Azimuth Fault, Elevation Fault, Azimuth Stop, Elevation Stop, Azimuth Fail, Elevation Fail.

28d 1h

Table with columns: BTLS, Station Name, Az, Phase ID, Time, Res. Includes entries for Baital, Baital, Baital.

ICD 28 01:39:59.0, 0.2, 28.46N, 140.83E, h0km, mb4.0/11, mbmp3.9/12, ML2.7/1, MS3.3/14, Error ellipse: s-maj=27.4km s-min=15.7km az=74.0

NEIC 28 01:40:01.2, 1.5, 28.55N, 0.07:140.71E:0.07, h10km, 1km, mb4.6/10, Error ellipse: s-maj=12.0km s-min=10.6km az=32.0

ISC 28 01:40:00.9, 0.6, 28.49N, 0.08:140.74E:0.10, h10km, n44, s105/31, mb4.1/17, MS3.5/10, Bonin Islands region

Main table for station data on the left side, including columns for Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Chichijima, Matushiro Arr, etc.

2017 SEP

Main table for station data in the middle, including columns for Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Rio Macho, Barrio Mexico, etc.

1996

Main table for station data on the right side, including columns for Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like chteau la Riv, Les Rejaudoux, etc.

1997

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Montolieu, La Chapelle, Walferdange, etc.

2015 SEP

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Attin, Haines Junctio, Mendenhall, etc.

28d 2h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TROLL, BELA, QSPA, etc.

NEIC 28 02:02:04.2.1.58.43N.0.03.137.22W.0.06, h1km,5.5km, Error ellipse: s-maj=5.1km s-min=2.3km az=49.0

PGC 28 02:02:05.3.5.5.58.48N.137.15W, h1km, ML2.5/9, 130km Wsw of Haines, Ak Southeastern Alaska

OTT 28 02:02:05.3.2.5.58.48N.0.03.137.15W.0.06, h1km,6km, ML2.5, ML2.5/24 (NEIC), Error ellipse: s-maj=5.7km s-min=0.2km az=49.0

ISC 28 02:02:04.5.1.2.58.49N.0.05.137.29W.0.05, h10km, n35, c133/61, Southeastern Alaska

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Pelican, Windy Craggy, Skagway, etc.

NEIC 28 02:33:43.5.1.5.56.55S.0.1.27.0W.0.1, h12km,9km, mb4.5/27, Error ellipse: s-maj=19.1km s-min=5.4km az=199.0

ISC 28 02:33:44.5.6.3.56.46S.27.05W, h123km,58km, mb4.0/6, mbmp4.3/8, Error ellipse: s-maj=29.7km s-min=16.9km az=61.0

ISC 28 02:33:41.9.0.6.56.52S.0.09.26.9W.0.1, h101km, n48, c140/47, mb4.5/18, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Hope Point, Mount Kennedy, etc.

HEL 28 02:41:47.1.7.0.1.67.61N.33.84E, h0km, ML1.4, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Lovozero, Vario, etc.

DJA 28 02:45:01.5.0.3.8.5.3.11.5E, h10km, M3.8/12, mb3.9/1, ML3.7/12, Ball region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Singaraja, Denpasar, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like VRAC Vranov, KRUC Moravsky, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like NOA NORSAR Array B, LVZ Lovozero, NC204 NORSAR Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BGG Burgeitz, PEB Petersbachel, OCHT Ochsendung, etc.

28d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLL Collm, HSKC Hora Svate Kat, WTTA Wattenberg, etc.

IDC 28 03:39:45.5:1.2, 28.54N:140.91E, h0km, mb3.8/3, mbmp3.7/4, ML2.6/1, MS3.0/6, Error ellipse: s-maj=37.5km s-min=23.4km az=78.0

ISC 28 03:39:45.8:1.2, 28.55N:0.1:141.0E:0.2, h10km, n15, o#91E/6, mb3.6/3, MS2.9/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

TAP 28 03:56:22.7:23.93N:122.69E, h28km, ML2.9/D, JMA 28 03:56:23.3:0.2, 24 N:2.4 W:122.6E:0.6, h30km, 4km, MV2.4/12, NW OFF ISHIGAKIJIMA IS

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

2017 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EOSA baz=300, EOS3 EOS3, etc.

2000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDH Donghe, WHP Taichung City, etc.

BJI 28 03:56:26.6:0.0, 5:50S:151.86E, h77km, mb4.7/31, mB4.9/13, Ms4.7/3, Ms7.4/2.4, NEIC 28 03:56:28.2:1.7, 5:25S:106.151.82E:0.08, h65km, 6km, az=90.0, IDC 28 03:56:28.2:0.5, 5:21S:151.78E, h62km, 4km, mb4.3/24, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), RABL RABL, etc.

2001

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR, AUPHS, CMSA, OOD, LCRK, STKA, MSFV, BATI, DAV, WRKA, MULG, TOLIJ, KAJI, FCJ, FORT, PLAI, MBWA, PSAO, SRBI, AFI, MEEK, KMBL, GRJI, JOW, RTZ, GIRL, TCW, YULB, MORW, JMN, NWAO, JNU, MJAR, LEM, JTM, QIZ, QIZ, QIZ, KSR5, NJ2, RAR, ASAJ, WHN, USRK, USRK, MDJ, ENH, GYA, HNS, XAN, KLR, CM31, CMAR, CMAR, CMAR, CHTO, PZH, PETK, PPT, PPT2, XLT, XLT, XLT, BTO, BTO, BTO, BTO, BTO, BTO.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like BTO, BTO, LZH, LZH, DRV, SHL, SHL, ULN, SONM, SONM, SONM, CASY, CASY, CASY, TAOE, CCD, VCD, VCD, SBA, SBA, WMQ, CNMP, L19K, L19K, J20K, RCO1, RCO1, MK31, MKAR, MKAR, MKAR, MKAR, CAST, CAST, MAZK, PWL, PMR, PMR, PAF, KTF, SML, SML, TRF, TRF, ZAAO, ZALV, ZALV, ZALV, ZALV, IMAR, RND, MLY, MLY, DHY, DHY, NEA2, I23K, I23K, KDJ, KDJ, CCB, KSH, KSH, HDA, HDA, IL31, IL31, ILAR, ILAR, J25K, J25K, KURK, KURK, TKM2, SNR=2, KURB, KURB, UCH, UCH, AAK, AAK, AAK, AAK, USP, USP, QSPA, QSPA, MAW, MAW, MAW, MAW, AML, AML, EKS2, I28M, I28M, NRIK, NRIK, NRIK, NRIK, K29M, I29M, J30M, J30M, K29M, I29M, J30M, J30M, K29M, I29M, J30M, J30M, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK, YBH, YBH.

28d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like YBH, YBH, L04D, J05D, I05D, CMB, PINE, PNTR, WAKR, PAHR, PAHR, YERR, MDPB, OMME, LHV, LHV, NVAR, NVAR, NVAR, G08A, G08A, W00V, W00V, NV11, NV11, DSP, DSP, KVN, KVN, KVN, J08A, J08A, MZP, MZP, TPH, QSM, QSM, GWW, GWW, BMO, BMO, PFO, WCT, WCT, WCT, WCT, TPNV, TPNV, PLID, SHPR, SHPR, ELK, PRN, PRN, V12A, V12A, ELIB, ELIB, SPR3, SPR3, SPR3, GEYT, ARU, YKA, W13A, TMUT, PDAR, PDAR, PDAR, BROS, CLL, CLL, GERES, EKA, MCRA, POPC, GUY2C, ORTC, PRAC, LPAZ, LPAZ, RUSC, SDV, ESDC, BAUV, SAML, ANBD, CBE, BIM, SVB, SLBI, MCLT, BOAV, TORD, BDFB.

NEIC 28 03:56:54.0/0.2, 3.736N/0.01:98.150W/0.009, h5km, 1km, mb\_Lg3.2/0.02, ML3.5/4.4, Error ellipse: s-maj=2.4km s-min=2.2km az=11.0 IDC 28 03:56:55.9/0.9, 3.749N/98.60W, h0km, mb3.4/1, mbmp3.5/5, ML3.9/3, Error ellipse: s-maj=13.4km

28d 4h

s-min=11.7km az=115.0 ANF 28 03:56:56.2.1.4,37.34N:98.16W,h16km,9km,ML4.1/11, Error ellipse: s-maj=4.3km s-min=2.8km az=62.0 ISC 28 03:56:53.5.1.1,37.39N:0.02:98.15W:0.02,h2km,8km, n146,r1522/128,Kansas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like Harper NE Stat, Anthony NE Sta, Argonia West S, etc.

2017 SEP

Table with columns: AMTX, Amarillo, 3.80 230 P Pn, 03 57 54.4 +1.3. Includes stations like Bolivar, Kaye Sheddlock, Kaye Sheddlock, etc.

2002

Table with columns: I40A, Norwalk, 8.65 39 Iamb\_Lg, 04 01 48.6. Includes stations like Chapparral WMA, Lajitas Ar. Si, Lajitas Array, etc.

Table with columns: LOOK, Love County, 3.45 166, Iamb\_Lg, 04 04 36.7, HHAR Hobbs, 3.56 106, Pn Pn, 04 03 35.5 +0.7, etc.

Table with columns: MYLDM Lahad Datu, 9.98 296, Pn Pn, 04 31 53.7 -0.7, KNRA Kununurra, 16.48 176, Pn Pn, 04 33 21.3 -0.9, etc.

Table with columns: 435B Jarrell, 6.34 166, Iamb\_Lg, 04 38 22.1, LCAR Lake Charles, 6.67 95, Iamb\_Lg, 04 38 29.2, F33A 5 Mile Ranch, 9.16 14, Iamb\_Lg, 04 39 55.8

IDC 28 04:47:46.2\_1.3, 13:64N x 144:36E, h86km, mb3.3/3, mbmtmp3.6/3, Error ellipse: s-maj=42.0km s-min=-27.0km az=89.0, Mariana Islands

Table with columns: GUMO Guam, 0.05 173, P, 04 47 58.8 +0.4, WRA Warramunga Arr, 34.94 197, P, 04 54 29.9 -0.1, ASAR Alice Springs, 38.60 196, P, 04 55 01.0 0.0, MKAR Makanchi Array, 61.45 316, P, 04 57 53.3 -0.4

TUL 28 04:56:33.8\_0.7, 35:99N\_0:03-96:80W\_0:04, h5km, 1km, ML3.0, mb\_Lg\_2.75/4(NEIC), ML2.9/3(NEIC), Error ellipse: s-maj=4.9km s-min=-3.8km az=97.0

Table with columns: OK052 Battle Ridge R, 0.01 55, P, 04 56 35.1 -0.3, OK031 S. Brethren Rd, 0.04 211, P, 04 56 35.4 -0.2, OK033 Mehan, 0.12 300, Sg, 04 56 38.7 +0.4, etc.

TUL 28 04:56:34.3\_0.2, 36:02N\_96:77W, h5km, ML3.0/7, Error ellipse: s-maj=2.2km s-min=-1.7km az=176.0

Table with columns: OK029 Liberty Lake, 0.55 250, P, 04 56 44.8 0.0, OK029 500nm,0.5s, IAML, 04 56 58.9, OKCSW OKLAHOMA CITY, 0.77 221, P, 04 56 48.4 -0.5, etc.

IDC 28 04:13:46.2\_7.1, 16:95S\_177:87W, h0km, mb4.1/3, mbmtmp4.1/3, Error ellipse: s-maj=311.2km s-min=-39.9km az=142.0, Fiji Islands region

Table with columns: WRA Warramunga Arr, 45.34 258, P, 04 22 06.2 -0.3, ASAR Alice Springs, 45.58 253, P, 04 22 08.5 +0.1, ILAR Eielson Array, 84.74 13, P, 04 26 21.8 0.0

IDC 28 04:14:38.3\_2.2, 0:64N\_126:78E, h0km, mb3.5/3, mbmtmp3.5/3, Error ellipse: s-maj=177.0km s-min=28.8km az=66.0, Northern Molucca Sea

Table with columns: WRA Warramunga Arr, 21.76 161, P, 04 19 13.3 -0.4, ASAR Alice Springs, 25.14 164, P, 04 20 05.7 +0.4, MKAR Makanchi Array, 60.12 326, P, 04 24 47.6 -0.1

IDC 28 04:29:29.2\_0.7, 0:89N\_127:52E, h0km, mb4.1/10, mbmtmp4.1/12, ML3.7/2, MS3.3/8, Error ellipse: s-maj=31.2km s-min=13.9km az=63.0

DJA 28 04:29:30.3\_0.2, 1:N\_2:12'E, h10km, M4.5/12, mB5.6/3, mb4.8/8, MLV4.2/12, Mw(mB)5.2/3

NEIC 28 04:29:31.8\_1.4, 0:88N\_0:07-127:52E\_0:05, h17km\_5km, mb4.6/13, Error ellipse: s-maj=10.8km s-min=-6.0km az=148.0

ISC 28 04:29:31.5\_1.4, 0:86N\_0:07-127:53E\_0:08, h16km\_8km, n48, c098/44, mb4.4/17, MS3.2/6, Halmahera

Table with columns: Code Station Name, A^s AZ^z, Phase ID, Time Res, TNTI Ternate, 0.18 241, Op, 04 29 35.2 -0.6, LBTI Labuha, 1.49 181, P, 04 29 59.2 -1.0, etc.

NEIC 28 04:34:54.6\_0.9, 36:98N\_0:03-99:41W\_0:04, h5km, 2km, Error ellipse: s-maj=5.7km s-min=-4.1km az=285.0

TUL 28 04:34:55.1\_1.8, 36:96N\_0:02-99:39W\_0:05, h2km, 3km, ML2.5, mb\_Lg\_2.5/3(NEIC), ML2.7/1(NEIC), Error ellipse: s-maj=5.5km s-min=-3.0km az=104.0, Oklahoma

Table with columns: Code Station Name, A^s AZ^z, Phase ID, Time Res, NOKA Waynoka, 0.47 134, P, 04 35 05.1 +0.5, U32A Winter Ranch, 0.65 154, P, 04 35 08.2 +0.2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FCAR Ozark Folk Cen, MGMO Mountain Grove, ABTX Abilene, Hawle, BKNS Dickens, AMTX Amarillo, R40A Maddies Statio, P38A Dawn, LCAR Lake Charles, SN01 Snyder, T42A Van Buren, N33A J Bar K, Exete, POST Post, CCM Cathedral Cave, N35A Tabor, BRDY Brady, P40A Paris, SGCY Sterling City, FVM French Village, BGNE Belgrade, KSCO Kaye Shedlock, CGM3 Cape Girardeau, OZNA Ozona, T25A Trinidad, OGNE Ogallala, HND0 Hondo, DRIO Del Rio, N23A Red Feather La.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arra, KURBB Kurchatov Arra, Vnda Vanda.

NEIC 28 05:03:07.8, 1.0, 7.39S, 0.08x156, 01E, 0.08, h35km, 2km, mb4.6/34, Error ellipse: s-maj=15.5km s-min=10.6km az=49.0

ISC 28 05:03:17.6, 1.6, 7.39S, 155.77E, h120km, 14km, mb4.2/12, mbmp4.6/16, MS3, 4/20, Error ellipse: s-maj=15.3km s-min=12.6km az=38.0

ISC 28 05:03:15.7, 0.5, 7.46S, 0.08x155.69E, 0.07, h100km, n91, c1930/67, mb4.5/27, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, RABL Rabaul, KRVT Kravt, PMG Port Moresby, COEN Coen, PATS Pohnpei, CTA Charters Tower, DZM Mont Dzumac, EIDS Eidsvold, PINNC Pines Island, ARMA Armadale, GUMO Guam, WR0 Warramunga Arr, WB0 Warramunga Arr, MSVF Nonsavu, WB2 Warramunga Arr, SAUI Saumlaki, MTN Mount Dam, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Kununurra, STKA Stephens Creek, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, DAV Davao City (W), FORST Forrest, RTZ Ruatuhuna, MBWA Marble Bar, PSA00 Pilbara Seismi, RPZ Rata Peaks, JOW Kunigami, NWA0 Narogin (SRO), JNU Nakatsu, KRSR Korea Jir, ASAJ Asahikawa, PETK Petropavlovsk, CRAI Chiangrai, CMAR Chian Rai Arr, SHEM Shemya Is, Al, CASY Casey, ULN Ulaanbaatar, SONM Songoing Arra, SONM Songoing Arra, Vnda Vanda, TAPN Tappeh Arra, RAMN Ramite, JIRN Jiri, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, DMN Daman, GKN Gorkha, DANN Dangsing, PYUN Puhuan, QSPA South Pole Qui, ILAR Giesels Arra, MK31 Makanchi Arra, MKAR Makanchi Arra, MAW Mawson, MAW Mawson, MAKZ Makanchi, ZAAL Zalesovo Array, ZALV Zalesovo Beam, BBB Bella Bella, BOOM Boomskeye usch, BIRK Kurchatov, KURK Kurchatov, KURB Kurchatov Arr, BVAR Borovoye Array, NEW Newport, PDAR Pinedale Array, ESDD Sonesea Array, BDBF Brasilia, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr.

NEIC 28 05:08:35.9, 2.2, 16.48N, 0.04x95, 21W, 0.05, h16km, 5km, mb4.3/19, Mch, 5/32(MEX), Error ellipse: s-maj=7.1km s-min=5.9km az=49.0

ISC 28 05:08:36.5, 2.4, 16.88N, 95.01W, h0km, mb4.1/4, mbmp4.0/6, ML3.9/2, MS3.3/6, Error ellipse: s-maj=51.0km s-min=24.8km az=23.0

MEX 28 05:08:37.1, 2.3, 16.47N, 95.28W, h82km, 30km, MD4.5

ISC 28 05:08:35.0, 1.3, 16.50N, 0.04x95.25W, 0.02, h14km, 9gkm, n156, c1939/142, mb4.4/26, MS3.1/6, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NILT Santiago Nilt, NULT Nult, HUIG Huatulo, HUIG Huatulo, CARR Arriaga.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CARR Arroyo Zacate, NEUV Arroyo Zacate, NEUV Arroyo Zacate, UXUV UXUV, OXIG Oaxaca, OXBL Oaxaca, OXBJ Oaxaca, OXBJ Oaxaca, OXIG Oaxaca, VHO Vista Hermosa, PEIG Puerto Escondi, PEIG Puerto Escondi, PEIG Puerto Escondi, TGIG TGIG, TGIG TGIG, TGIG TGIG, PCIG PCIG, PCIG PCIG, PCIG PCIG, TOIG Toxpalan, TOIG Toxpalan, TOIG Toxpalan, CCIG Comitán, PATR El Naranjo, PAVE Pavencul, PAVE Pavencul, THIG THIG, THIG THIG, THIG THIG, CHJUJ Union Juarez, TLIG Tlapa, HUEH Huehuetenango, RTAL Retalhuleu, UNIV Universidad Na, ESQJ Esquipulas, MTO3 Montecristo, SNET Serv Nac Est T, TEIG Tepich, TEIG Tepich, TEIG Tepich, TEIG Tepich, TGUH Tequisqalpa, UN, CNGR Cerro Negro, ZAIG Zacatecas, MATN Matagalpa, BOAB BOACÓ BROADBAND, HBLV Hebrónville, DUNO Duice Nombre, JTS Las Juntas de, JTS Las Juntas de, 833A Chaparral WMA, RIMA Rio Macho, SOR Soroa, HND0 Hondo, DRKO Durika, DRKO Durika, 435B Jarrell, JCT Junction City, SAND Sanderson, TX31 Lajitas Ar. Si, TX32 Lajitas Array, TX33 Lajitas Array, TXAR Lajitas Array, BRDY Brady, BRDY Brady, NATX Nacogdoches, NATX Nacogdoches, OZNA Ozona, OZNA Ozona, WHYX Lake Whitney, ALPN Alpine, ALPN Alpine, FW13 Cleburne, FW13 Cleburne, FW14 Alvarado, FW14 Alvarado, SGCY Sterling City, SGCY Sterling City, FW07 Weatherford, FW06 Azle, ABTX Abilene, Hawle, FW03 Perrin-Whitt, Azle, BCIP Isla Barro Col, Z38A Mt. Pleasant, PECS Pecos, PECS Pecos, 425A Indio Mountain, 425A Richland Creek, ODSA Odessa, ODSA Odessa, MTJD Mount Denham, SN01 Snyder I, SN01 Snyder I, WLAR White Oak Lake, WLAR White Oak Lake, APMT Aspermont, APMT Aspermont, WFTS Wichita Falls, WFTS Wichita Falls, LOOK Love County, LOOK Love County, MINTX Cornudas Mount, MINTX Cornudas Mount, DKNs Dickens, DKNs Dickens, X37A Clayton, X37A Clayton, MIAR Mount Ida, MIAR Mount Ida, UALR University of, UALR University of, WMOK Wichita Mountain, WMOK Wichita Mountain, MSTX Muleshoe, MSTX Muleshoe, FNO Franklin, FNO Franklin, AMTX Amarillo, DEOK Dewar, DEOK Dewar, OK031 S. Brethren Rd, OK031 S. Brethren Rd, OK052 Battle Ridge R, OK052 Battle Ridge R, OK033 Mehan, OK033 Mehan.

2005

Table of station data for 2005, including station names, codes, coordinates, and observation times.

2017 SEP

Table of station data for 2017 SEP, including station names, codes, coordinates, and observation times.

28d 6h

Table of station data for 28d 6h, including station names, codes, coordinates, and observation times.

BENV Beln 5.38 81 eP Pn 06 01 39.3 +0.8
BENV eS Sn 06 02 36.4 -3.9

NOU 28 06:14:20.2, 25.93S: 177.55W, h404km, mb4.2/11, South of Fiji Islands
NEIC 28 06:14:24.5: 2.2, 26.0S: 0.1x178.7W: 0.2, h352km, 10km, mb4.1/33, Error ellipse: s-maj=21.7km s-min=17.8km

IDC 28 06:14:26.8: 1.8, 25.81S: 178.95W, h380km, 17km, mb3.6/9, mbmp4.3/10, Error ellipse: s-maj=18.7km s-min=14.4km

ISC 28 06:14:23.8: 0.5, 26.05S: 0.06: 178.66W: 0.08, h350km, n86, c184/83, mb4.1/26, 2C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Green Lake, Nonsavu, Niue, Ouhata, etc.

NBS2 NORSAR Subarray 144.37 352 PKP PKPab 06 33 16.3 -1.1
NOA NORSAR Array B 144.37 352 PKP PKPab 06 33 15.5 -1.9

HFS Hagfjord 144.87 349 PKP PKPbc 06 33 17.4 -1.6
IDC 28 06:32:19.1: 0.8, 1.10N: 127.48E, h0km, mb4.1/9, mbmp4.2/11, ML3.9/2, MS3.2/11, Error ellipse: s-maj=40.9km s-min=14.7km az=66.0

DJA 28 06:32:21.1: 0.4, 1.1N: 127.8E, h10km, M4.4/13, mb4.8/6, mb4.9/5, MLV4.3/13, MW(m)B4.2/5
NEIC 28 06:32:22.3: 1.3, 0.189N: 0.04: 127.57E: 0.05, h10km, 1km, mb4.4/20, Error ellipse: s-maj=8.9km s-min=6.1km az=126.0

ISC 28 06:32:21.8: 0.5, 0.84N: 0.06: 127.53E: 0.06, h10km, n68, c192/62, mb4.4/18, MS3.3/8, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Ternate, Labuha, SANI, etc.

IDC 28 06:57:56.2: 2.5, 3.55S: 151.36E, h0km, mb3.2/2, mbmp3.2/2, Error ellipse: s-maj=50.5km s-min=21.8km az=27.0, New Ireland region

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

IDC 28 07:00:34.6: 2.1, 0.83N: 127.38E, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=166.3km s-min=25.6km az=66.0

DJA 28 07:00:35.1: 0.5, 1.1N: 127.5E, h11km, 3km, M3.7/6, Error ellipse: s-maj=11.7km s-min=7.1km

ISC 28 07:00:36.7: 2.2, 0.9N: 0.1: 127.5E: 0.1, h15km, 11km, n7, c541/8, mb3.8/3, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Ternate, Labuha, SANI, etc.

MOS 28 07:11:25.0: 1.1, 37.35S: 141.74E, h37km, mb4.9/35, MS4.1/8, Error ellipse: s-maj=7.8km s-min=5.0km az=102.5

JMA 28 07:11:26.9: 0.1, 37.4N: 0.3: 141.76E: 0.8, h45km, 1km, MD4.8/40, MW4.8/40, E OFF FUKUSHIMA PREF

JMA Felt III J1 at E OFF FUKUSHIMA PREF
NIED 28 07:11:26.9: 37.35N: 141.60E, h45km, MW4.8, Moment Tensor Solution. s3 Moment Tensor: Scale 1016Nm; Mn: 2.15; Mw: 0.64; Ms: 1.51; Mo: 0.19; Mv: 0.50; Mz: 0.43;

Fault plane solution: Mo: 2.00000x10^16 NPT: 2.4, 0.00000, 352.00000, 1.90.00000. NP2: 2.05, 0.00000, 338.00000, 1.90.00000.

BUI 28 07:11:28.0: 0.0, 0.0: 37.26N: 141.48E, h59km, mb4.8/60, mb4.8/36, MS4.3/51, MS7.4/250

GCMT 28 07:11:28.0: 0.0, 0.0: 37.54N: 0.03: 141.47E: 0.03, h42km, M4.5: 0.153, Moment Tensor Solution. s48, c58; s53, c61; Duration: 0. Moment Tensor: Scale 1016Nm; Mn: 3.96; Mw: 0.86; Ms: 1.3; Mo: 0.44; Mv: 0.66; Mz: 0.7; Mn: 0.31; Mo: 0. Best double couple: M3: 65200x10^16 NPT: 1.89, 0.00000, 347.00000, 1.82.00000. NP2: 2.02, 0.00000, 344.00000, 1.89.00000. Principal axes: T 4.0200, Plg84.0000, Azm28.0000; N -0.7340, Plg6.0000, Azm195.0000; P -3.2840, Plg1.0000, Azm285.0000; nst1 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-tensor rate function

IDC 28 07:11:29.8: 1.9, 37.30N: 141.16E, h51km, 16km, mb4.2/25, mbmp4.4/33, ML3.9/8, MS4.0/46, Error ellipse: s-maj=14.2km s-min=11.3km az=96.0

NEIC 28 07:11:29.8: 1.2, 37.41N: 0.05: 141.49E: 0.09, h52km, 6km, mb4.8/79, Error ellipse: s-maj=10.6km s-min=7.9km az=102.0

BGR 28 07:11:39.8: 37.43N: 142.75E, h33km, mb5.2, ISC 28 07:11:27.9: 0.4, 37.35N: 0.03: 141.66E: 0.04, h42km, 2km, h41km: pP, n635, c1543/613, mb4.8/121, MS4.1/63, 17C-25D, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Kawauchi, Minamisomatoc, etc.





28d 7h

Table with columns: ID, Name, Date, Time, Status, Direction, Value, Error, etc. Includes rows like RDOG Red Dog Mine, C17K DeLong Mountain, E17K Hothair Inlet, etc.

2017 SEP

Table with columns: ID, Name, Date, Time, Status, Direction, Value, Error, etc. Includes rows like I21K Tanana, D22K Ayikyak River, F22K Johi River, etc.

2008

Table with columns: ID, Name, Date, Time, Status, Direction, Value, Error, etc. Includes rows like BVAR, AAK Ala-Archa, J26L Joseph Creek, etc.

2009

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like S34M Telegraph Cree, TGTN Hyland Airport, DLBO Dease Lake, etc.

2017 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like NV11 Mina Array Sit, H17A Great Village, PKM Mpherson Peak, etc.

28d 7h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BRG comp=Z,13nm,1.1s, BRG comp=N,0.1nm,15.5s, BRG comp=E,0.1nm,14.4s, etc.

28d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, 12U1 Cookes Peak, DAVA Damuels, etc.

NEIC 2807:27:10.5:2.2, 16.15N:0.10:95.30W:0.05, h10km, 2km, mb4.0/21, MD4.4/27(MEX), Error ellipse: s-maj=16.9km, s-min=7.7km az=193.0

MEX 2807:27:14.4:2.2, 16.47N:95.22W, h26km, 52km, MD4.4, IDC 2807:27:20.4:6.1, 78N:94.65W, h96km, 50km, mb3.7/2, mbmp3.9/4, MS2.9/2, Error ellipse: s-maj=39.9km, s-min=33.9km az=64.0

ISC 2807:27:09.8:1.5, 16.43N:0.005:95.20W:0.03, h4km, 11km, n64, c150/75, mb3.9/6, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NILT Santiago Niite, HUIG Huatulco, CARR Arriaga, etc.

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Main table with columns: SNO1, Iamb, Iamb, 07 31 15.7, etc. Includes stations like X37A Clayton, X34A Smith Ranch, 121A Cookes Peak, etc.

Table with columns: WOSB, SNO1, Iamb, Iamb, 07 31 15.7, etc. Includes stations like WOSB Banks Island, BNKB Banks Island, BUTB Butedale, etc.

Table of meteorological data for stations HOPB through ILAR. Each row lists a station identifier, name, and various numerical parameters.

Table of meteorological data for stations M20K through H11N3. Each row lists a station identifier, name, and various numerical parameters.

Table of meteorological data for stations H11N1 through D05A. Includes specific station data, code names, and detailed text descriptions for several stations like H11N1 and H11N3.

Table listing station names (e.g., DOSA, GMW, GNW), coordinates, and status (S, P, I). Includes a section for MARIANA ISLANDS REGION.

Table listing station names (e.g., Azm47.0000, NEIC 28 08), coordinates, and status (S, P, I). Includes a section for MARIANA ISLANDS.

Table listing station names (e.g., ERM, ERM, NACB), coordinates, and status (S, P, I). Includes a section for MARIANA ISLANDS.

MOS 28 08:11:53.9, 1.0, 20.24N, 144.98E, h13km, mb5.4/59, MS4.9/16, Error ellipse: s-maj=9.5km s-min=4.0km bz=112.8



28d 8h

Table with columns: Station Name, Frequency, Class, Mode, Date, Time, and other parameters. Includes stations like MND Mandalay, KULM Kulim, GOMU Geerlu, etc.

2017 SEP

Table with columns: Station Name, Frequency, Class, Mode, Date, Time, and other parameters. Includes stations like N16K Nishik Lake, O16K Kokwok River B, M16K Timber Creek, etc.

2014

Table with columns: Station Name, Frequency, Class, Mode, Date, Time, and other parameters. Includes stations like UZB Uzynbulak, E19K Redstone River, HOM Homer, etc.





28d 8h

Table with columns: KEV, Kevo, 80.29 342, IAMS\_20, IAMS\_20, 09 03 32.9, SAO, San Andreas Ge, 80.75 54, IAMS\_20, IAMS\_20, 08 51 27.3, JOBA, Circle Bar Ran, 80.81 47, P, P, 08 24 10.7 +0.9, ARCES, ARCES Array B, 80.85 342, P, P, 08 24 08.6 -0.7, etc.

2017 SEP

Table with columns: ID06, Fossil Canyon, 85.89 46, IAMS\_20, IAMS\_20, 08 57 24.6, MOOG, Moose Ponds, 85.89 45, IAMS\_20, IAMS\_20, 08 57 07.6, DUV, Dugway, Toolee, 85.89 49, P, P, 08 24 37.0 +0.9, etc.

2016

Table with columns: BRTR, Keskin Array B, 92.66 314, i P, P, 08 25 09.6 +1.5, BRTR, Keskin Array B, 92.66 314, P, P, 08 25 05.7 -2.4, ANMO, Albuquerque, 92.68 51, IAMS\_20, IAMS\_20, 08 58 50.8, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TGUH Tegucigalpa, SNA A Sanae, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PZH PanZhiHua, NJ2 Nanjing, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N3 WAKE ISLAND, DAV Davao City, CMAR Chiang Mai, etc.

IDC 28 08:12:59.1-0.7, 101.41S:117.34E, h0km, mb4.5/13, mbmp4.5/16, ML3.4/3, MS4.0/2, Error ellipse: s-maj=25.0km s-min=14.5km az=60.0

NEIC 28 08:12:59.7-2.2, 10.75S:0.05:117.23E:0.06, h10km, 1km, mb4.7/17, Error ellipse: s-maj=11.1km s-min=7.4km az=126.0

DJA 28 08:13:00.0-0.2, 11.3S:117.7E, h10km, M4.8/17, mb4.9/13, mb5.2/5, ML4.8/17, Mw(mb)4.5/5, MwLwp5.2/1, Mwps4.1/1

ISC 28 08:13:00.1-0.4, 10.67S:0.05:117.30E:0.05, h10km, n100, a170.0, mb4.8/18, 2C, South of Sumbawa

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, IGBI Denpasar, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KAPI Kappang, BATI Baumata, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like UGM Wanagana, KPJI Karang Pucung, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MEEK Meekeathara, FAKI Fak Fak, SUJI Sorong, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRKA Warakurna, BLDU Ballard, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KLBW Kelsierri, NWAO Narrogin, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like UOSS Minazif, KURBS Kurchatov Arra, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like VMDA Vanda, ABKAR Abkulak Arra, TROLL Troll, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SNA A Sanae, SNAJ Sanae, BELA Beltrano, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IDI Anoyia, NVAR Mina Array Bea, PDAR Pinedale Arra, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 28 08:33:54.1-1.3, 0.98N:127.40E, h0km, mb3.9/4, s-maj=62.7km s-min=21.7km az=61.0, Error ellipse: s-maj=62.7km s-min=21.7km az=61.0, Halmahera

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, SUJI Sorong, JAY Jayapura, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, NB2 Norstar Subarra, NOA Norsar Arra, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ELK Elko, BRTR Keskin Arra, PDAR Pinedale Arra, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PFO Pinyon Flats O, TXAR Tajikistan, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 28 08:58:36.8-1.2, 36.81N:27.66E, h0km, mb3.8/4, mbmp3.7/8, ML3.4/4, Error ellipse: s-maj=37.1km s-min=16.4km az=145.0

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DDA 28 08:58:37.7-0.0, 36.89N:27.56E, h7km, 2km, MW3.9, IDK 28 08:58:37.5, 36.91N:27.56E, h6km, ML3.7/21, THE 28 08:58:37.5, 36.90N:27.60E, h3km, 1km, ML3.4/4, Error ellipse: s-maj=1.4km s-min=0.4km az=1.0

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ATH 28 08:58:39.2, 36.96N:27.47E, h13km, 5km, ML3.8/8, Manual Solution by G.Panopoulou First location: 27.04/22 17:53:47, Manual Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 4 km; Longitude uncertainty: 6 km

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GII 28 08:58:40.1-0.0, 36.57N:27.45E, h30km, Mm3.8/2, ISC 28 08:58:37.8-0.7, 36.89N:0.02:27.55E:0.01, h14km, 4km, n87, a138/33, mb3.6/4, Dodecanese Islands

Table with columns: SMG, Station Name, Az, Alt, Phase ID, Time, Res, and various station identifiers. Includes stations like Samos, Astypalaia, DENIZLI Tavass, etc.

IDC 28 09:02:17.6:8.0:2.41N:128.39E,h395km,98km,mb3.3/9, mbmp4.0/9, Error ellipse: s-maj=47.2km s-min=20.2km az=64.0

IDC 28 09:02:18.0:1.1:2.4N:0.2:128.4E:0.3,h400km,n9, az=57.9, mb06.6/6, Phase ID

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, and various station identifiers. Includes stations like Warramunga Arr, ASAR, CMAR, etc.

IDC 28 09:05:03.2:2.4, 0.90N, 127.67E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=179.8km s-min=28.9km az=67.0, Halmahera

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, and various station identifiers. Includes stations like Warramunga Arr, ASAR, MKAR, etc.

IDC 28 09:05:55.2:1.4, 2.38N, 84.40W, h0km, mb3.9/9, mbmp4.0/11, MLC3.4/2, MS4.23, Error ellipse: s-maj=37.9km s-min=20.5km az=41.0

NEIC 28 09:05:57.5:2.5:2.20N:0.08:84.4W:0.1, h10km,2km,

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, and various station identifiers. Includes stations like Pacto, Paraso, Pacto, Paraso, etc.

IDC 28 09:06:04.7:0.8:2.31S:58S:66.65W,h193km,6km,mb3.7/12, mbmp4.3/20, MS4.1/2, Error ellipse: s-maj=11.8km s-min=9.8km az=57.0

NEIC 28 09:06:04.4:2.6, 2.31S:69S:0.06:66.3W:0.03, h187km,6km, mb4.4/123, Error ellipse: s-maj=9.3km s-min=4.1km az=165.0

SJA 28 09:06:04.1:0.6:2.3:63S:66:80W,h213km,5km,MLL3.8, MW4.0

VAO 28 09:06:05.0:0.3, 2.31S:58S:66:69W,h197km,mb4.3

GC 28 09:06:05.3:0.7, 2.31S:64S:67:20W,h232km,6km,ML4.7

IS 28 09:06:05.0:0.4, 2.63S:60.3:66.80W:0.04,h205km,5km, n228, s148/211, mb4.3/69, 7C, Jujuy Province

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, and various station identifiers. Includes stations like HJA, AF01, AZAP, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, and various station identifiers. Includes stations like IPOC Station P, comp=N, 1.1um, 0.4s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORTEGA, Santa, Tegucigalpa, Serv Nac Est T, etc.

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

ISC 28 09:07:33.4 ± 1.28°S8N:140°84'E, h0km, mb3.7/4, mbmp3.7/5, ML2.5/1, Error ellipse: s-maj=38.7km s-min=21.4km az=82.0

ISC 28 09:07:34.9 ± 1.128°S8N:01x140.9E ± 0.12h0km, m6, 0598/12, mb4.1/11, Bonin Islands region

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

GUC 28 09:07:45.7 ± 0.7, 31.08Sx71.36W, h61km, 3km, ML3.0, 5C-1D, Near coast of central Chile

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

ISC 28 09:09:20.3 ± 0.8, 28°42'N:140°97'E, h0km, mb4.0/11, mbmp4.0/11, MS2.9/1, Error ellipse: s-maj=35.0km s-min=17.7km az=71.0

ISC 28 09:09:21.7 ± 0.7, 28°4N:01x141°E ± 0.2h0km, m16, 0599/12, mb4.1/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chichijima, Kul'dur, WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Minna Array Bea, HFS, NORSAR Array B, etc.

IDC 28 09:09:26.9 ± 0.6, 28°58'N:140°85'E, h0km, mb4.2/10, mbmp4.2/13, ML3.2/2, Error ellipse: s-maj=23.2km s-min=15.1km az=81.0

NEIC 28 09:09:26.7 ± 2.5, 28°51'N:07x140°75'E ± 0.09, h10km, 1km, mb4.5/43, Error ellipse: s-maj=14.3km s-min=10.1km az=243.0

ISC 28 09:09:26.8 ± 0.5, 28°55'N:07x140°80'E ± 0.08, h10km, n72, 0172/52, mb4.4/32, Bonin Islands region

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

28d 9h

LPaz La Paz 150.69 72 PKPbc PKIKP 09 29 22.2 +0.8
comp=2.2,6m,0.7s,baz=31,slow=4.6,SNR=6.0
PLCA Paso Flores 151.64 124 PKPbc PKIKP 09 29 22.9 +0.9
comp=2.4,2m,1.1s,baz=229,slow=2.8,SNR=6.3

NEIC 28 09:12:36.0±2.6,261°61N,071.400±0.1,110km,1km,
mb4.5/23, Error ellipse: s-maj=17.7km s-min=9.9km
az=240.0
IDC 28 09:12:38.6±3.0,261°64N,140.83E,h37km,25km,8b3/11,
mbmp3.9/13,ML3.2/2,MS3.2/1, Error ellipse:
s-maj=25.0km s-min=14.7km az=71.0
ISC 28 09:12:38.0±6.6,261°61N,008.1407E,0.11,h35km,n48,
±121/46,mb4.3/20,Bonin Islands region

Table listing station codes (e.g., JCJ, JCU, JCH), station names, coordinates, phases, and times. Includes entries for Chichijima, Matsuhiro, Waramunga, and various other stations in the Bonin Islands region.

2017 SEP

QWZ Quartz Range 0.23 295 P Pn 09 17 25.2 +1.3
QRZ Quartz Range 0.23 295 P S Pn 09 17 25.3 +1.4
MRNZ Matariki Terra 0.48 185 P S Pn 09 17 25.6 +1.2

Large table listing station codes, names, coordinates, phases, and times for various stations including Quartz Range, Matariki Terra, Nelson, Tophouse, D'Urville Isla, Tuamarina, and many others.

IDC 28 09:21:23.2±1.2,2°17'N:84°59'W,h0km,mb3.8/7,
mbmp3.9/9,ML4.1/1,MS4.0/12, Error ellipse:
s-maj=36.7km s-min=21.9km az=44.0
NEIC 28 09:21:26.3±7.2,2°29'N:89.64°W,0.1,110km,1km,
mb4.4/16, Error ellipse: s-maj=21.5km s-min=11.6km
az=239.0
GCMT 28 09:21:27.0±0.4,2°16'N:03°84'60W:0.05,h20km,1km,
MW4.8/74,Moment Tensor Solution. s19.91r: s74,c93;
Duration: 0 Moment tensor: Scale 10^19Nm; Mir: 1.91r; 16;
Mw:1.93±.11; Mw:0.01±.11; Mw:0.73±.18; Mw:0.21±.06;
Mw:0.10±.25; Best double couple: M2.06600/0.16
NP1.0±263.00000/,0.55.00000/,0.91.00000/. NP2:
0±84.00000/,0.35.00000/,0.89.00000/. Principal axes: T
2.0870, P1g10.0000/, Azm354.0000/, N:0.0400.
P1g0.0000/, Azm264.0000/, P: 2.0450, P1g80.0000/.
Azmi11.0000/, N:0.0450, P1g0.0000/.
n252 refers to surface waves, cutoff=50s. Triangular
moment-rater function
ISC 28 09:21:24.5±0.8,2°17'N:088.64°W,0.11,h10km,n82,
±151/67,mb4.3/13,MS4.0/10,Off coast of central
America

Table listing station codes (e.g., PACI, OTAV, PULU), station names, coordinates, phases, and times for various stations in the Pacific region.

2020

ARE1 Arenal 1 8.24 359 Pn 09 23 25.8 +1.5
BCIP Isla Barro Col 8.41 34 Pn 09 23 27.0 +0.5

Table listing station codes, names, coordinates, phases, and times for various stations including Arenal 1, Isla Barro Col, Yotoco, Valle, and many others.

IDC 28 09:21:58.4±4.0,16°84'N:94°76'W,h111km,33km,mb3.7/6,
mbmp4.0/8, Error ellipse: s-maj=31.5km s-min=22.9km
az=47.0
NEIC 28 09:22:00.8±1.4,17°09'N:077.95°W,0.1,110km,1km,
mb17km,11km,mb4.3/22,MD4.3/34(MEX), Error ellipse:
s-maj=11.4km s-min=6.5km az=201.0
MEX 28 09:22:02.0±1.4,17°14'N:95.02°W,h118km,8km,MD4.3
ISC 28 09:22:00.7±0.7,17°16'N:04.95°E,010.03,h120km,7km,
n59,±194/76,mb3.8/7,Oaxaca

Table listing station codes (e.g., NILT, UXUV, NEUV), station names, coordinates, phases, and times for various stations in the Mexico region.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUEH Huehuetenango, CXUV Coxquihui, RTAL Retalhuleu, etc.

IDC 28 09:23:38.7-0.8, 27.45N-140.61E, h0km, mb3.8/9, mbmp3.8/10, ML2.8/1, MS3.2/4, Error ellipse: s-maj=22.1km s-min=18.4km az=57.0

ISC 28 09:23:43.0-0.8, 27.5N:0.1x140.6E:0.1, h35km, n18, c=171/12, mb3.9/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, JNU Natsuke, etc.

IDC 28 09:24:00.2-2.0, 28.07N:141.72E, h90km, 14km, mb3.7/3, mbmp4.1/3, MS3.3/1, Error ellipse: s-maj=37.0km s-min=27.4km az=88.0

ISC 28 09:23:57.4-1.2, 27.8N:0.2x140.9E:0.2, h35km, n10, c=078/7, mb4.0/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, TGY Tagaytay City, H1N2 WAKE ISLAND Hy, etc.

IDC 28 09:25:34.3-1.8, 9.64S:152.40E, h0km, mb3.5/5,

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

IDC 28 09:33:29.4-1.1, 47.35N:121.21E, h0km, mb3.5/4, mbmp3.7/8, ML3.7/4, Error ellipse: s-maj=23.4km s-min=16.0km az=16.0

BUI 28 09:33:31.4-0.0, 47.30N:121.23E, h16km, mb3.8/2, ML4.6/10, Ms4.0/2, Ms7.3/6/1

KEA 28 09:33:42.8, 46.53N:121.84E, h3km, ML4.2/1 ISC 28 09:33:29.9-0.6, 47.27N:0.04x121.25E:0.04, h10km, n19, c=292/31, mb3.6/4, 1, C, Northeastern China

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNX BinXian, CN2 Chinchun, XLT XiLinHaoTe, etc.

NNC 28 09:35:12.6-1.1, 53.21N:85.91E, h0km, mb3.9, mpv2.7, 5C-1D, Error ellipse: s-maj=11.9km s-min=5.1km az=69.0, Suspected Mining explosion, Southwestern Siberia

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

MEX 28 09:38:54.1-1.4, 16.58N:100.84W, h13km, 19km, MD4.6 NEIC 28 09:38:55.4-2.9, 16.79N:0.06:100.71W:0.04, h10km, 1km, mb4.3/156, Md4.6/32(MEX), Error ellipse: s-maj=9.9km s-min=6.0km az=166.0

IDC 28 09:39:00.5-4.2, 16.93N:100.42W, h54km, 36km, mb3.9/9, mbmp4.1/12, ML3.8/3, MS3.6/5, Error ellipse: s-maj=34.2km s-min=16.2km az=51.0

ISC 28 09:38:53.1-1.3, 16.72N:0.04x100.78W:0.03, h7km, 8km, n158, c=194/137, mb4.3/61, MS3.6/3, Near coast of Guerrero

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PET2 Petatlan, ZIIG Zihuatanejo, DAIG Los Arroyos, etc.

IDC 28 09:39:09.9-1.1, 39.33N:100.71W:0.04, h10km, n19, c=192/27, mb3.6/4, D, Entrecoastes Islands region

IDC 28 09:33:29.4-1.1, 47.35N:121.21E, h0km, mb3.5/4, mbmp3.7/8, ML3.7/4, Error ellipse: s-maj=23.4km s-min=16.0km az=16.0

BUI 28 09:33:31.4-0.0, 47.30N:121.23E, h16km, mb3.8/2, ML4.6/10, Ms4.0/2, Ms7.3/6/1

KEA 28 09:33:42.8, 46.53N:121.84E, h3km, ML4.2/1 ISC 28 09:33:29.9-0.6, 47.27N:0.04x121.25E:0.04, h10km, n19, c=292/31, mb3.6/4, 1, C, Northeastern China

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DRIO Del Rio, TXAR Tlaxiaco, SAND Sanderson, etc.

IDC 28 09:39:09.9-1.1, 39.33N:100.71W:0.04, h10km, n19, c=192/27, mb3.6/4, D, Entrecoastes Islands region

28d 10h

Table listing seismic stations (PFO, PBMO, CBKS, etc.) with columns for station name, coordinates, and other parameters.

Table listing seismic stations (I46RU, ZALV, ZALV) with columns for station name, coordinates, and other parameters.

2017 SEP

Main seismic event log table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes events like Kurchatov Arra, Malakanchi Array, etc.

2022

Table listing seismic stations (LTHK, RLS, RLS, etc.) with columns for station name, coordinates, and other parameters.



Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other technical parameters. Includes stations like KBN, VLO, SCTE, FNA, THE, OHR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other technical parameters. Includes stations like CTI, KBA, MOA, BIOA, LESA, etc.

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

28d 11h

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

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
TNTI Ternate 0.21 242 Op ISC 10 20 59.0 +0.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WB2, WR0, etc.

2017 SEP

Table with columns: MKAR, KURBB, KURK, BVAR. Includes station names and coordinates.

JMA 28 10:39:42.9-0.2,38.3N,0.8,14.5E, h43km, MV3,7/29, FAR E OFF NORTH HONSHU, Off east coast of Honshu

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

KRSC 28 11:15:54.9-0.7,54.37N,160.70E, h85km, 9km, M4.0, IDC 28 11:15:57.2-2.6,54.82N,159.68E, h119km, 26km, mb3.2/4, mbtmP3.5/5, Error ellipse: s-maj=94.7km s-min=25.4km

ISC 28 11:15:56.4-0.8,54.40N,160.60E, 0.1, h89km, 10km, n45, c087/51, mb3.4/4, Near east coast of Kamchatka Peninsula

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

MOS 28 11:29:43.1-1.2,28.80N,140.30E, h10km, mb5.3/54, MS5.1/24, Error ellipse: s-maj=8.7km s-min=4.5km

IDC 28 11:29:43.0-0.4,28.79N,140.39E, h0km, mb4.7/28, mbtmP4.0/6.0, ML3.9/8, MS5.0/6, Error ellipse: s-maj=13.6km s-min=11.1km az=70.0

BUJ 28 11:29:44.9-0.0,28.61N,140.84E, h39km, mb4.9/83, mb5.3/81, MS5.4/96, Ms7 5.2/90

NEIC 28 11:29:45.7,28.78N,140.56E, h10km JMA 28 11:29:45.9,0.1,29.12N,141.1E, h0km, MD5.7/23, MW5.5/23, NEAR CHICHIJIMA ISLAND

NEIC 28 11:29:45.9,28.86N,141.14E, h0km, MW5.5, Moment Tensor Solution. s3 Moment Tensor: Scale 1017Nm; M1: -1.32; M2: 0.00; M3: 1.16; M4: -0.77; M5: 0.62; M6: 1.69; Fault plane solution: M2.31000x1017 NP2: 0.155.00000; 872.00000; -1.89.00000; 0.333.00000; 818.00000; -1.92.00000;

NEIC 28 11:29:45.7,28.78N,140.56E, h12km, Moment Tensor Solution. Duration: 2s1.0 Moment Tensor: Scale 1017Nm; M1: -1.07; M2: 0.01; M3: 1.07; M4: 0.30; M5: -0.57; M6: 0.41; Fault plane solution: M1.31000x1017 NP1: 0.315.00000; 843.24000; -1.123.99000; NP2: 0.177.80000; 855.39000; -1.62.27000; Principal axes: 1.3489, Plg7.00000; Azm349.00000; N -0.0713, Plg23.00000; Azm341.00000; P -1.2776, Plg66.00000; Azm143.00000;

NEIC 28 11:29:45.7,28.88N,140.56E, h12km, Moment Tensor Solution. Duration: 2s1.0 Moment Tensor: Scale 1017Nm; M1: -1.52; M2: 0.00; M3: 1.06; M4: 0.03; M5: -0.77; M6: 1.69; Fault plane solution: M2.30000x1017 NP1: 0.194.11000; 858.37000; -1.48.06000; NP2: 0.314.38000; 850.70000; -1.137.33000; Principal axes: T 2.2416, Plg4.00000; Azm256.00000; N 0.1257, Plg35.00000; Azm349.00000; P -2.3673, Plg55.00000; Azm159.00000;

GCMT 28 11:29:46.7,0.1,28.78N,140.01,140.39E,0.1, h12km, MW5.5/23, Moment Tensor Solution. s88,c140; s135,c246; Duration: 1s5 Moment Tensor: Scale 1017 Nm; M1: -1.60z,0.03; M2: -0.53z,0.03; M3: 1.32z,0.02; M4: 1.15z,0.09; M5: -0.66z,0.02; M6: 1.32z,0.07; Best double couple: M2.67600x1017 NP1: 1.98.00000; -1.89.00000; -1.57.00000; NP2: 0.318.00000; 840.00000; -1.43.00000; Principal axes: T 2.5780, Plg16.0000; Azm264.0000; N 0.1930, Plg31.0000; Azm4.0000; P -2.7730, Plg55.0000; Azm150.0000; nstia refers to body waves, cutOff=40s. nstia refers to surface waves, cutOff=50s. Triangular moment-rate function

ISC 28 11:29:44.4,0.2,28.83N,140.145E,0.03, h10km, 28km, pp-P, N178, e186/953, mb5.3/327, MS5.1/212, h0C1/P2, Bonin Islands region

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

Table with columns: JMM, JMZ, KRSR, JKA, KLR, PMG, CMAR, WB0, MKAR, CTAO, WRAB, WR0, WB2, WRA, ASAR, KTH, KTH, BPAW, BPAW, H23K, H23K, BVAR, IL31, ILAR, KKAR, J26L, J26L, M26K, M26K, K27K, K27K, L27K, L27K, G29M, FORT, YKA, FINES, NVAR, HFS, NOA, PDAR, BRTR, TXAR, LPAZ, PLCA. Includes station names and coordinates.

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

2025

Table of flight data for 2025, including columns for flight number, airline, origin, destination, departure time, arrival time, and status. Rows include flights like Haha-jima-NKT2, Agashimanakai, Hachioji-jima, etc.

2017 SEP

Table of flight data for 2017 SEP, including columns for flight number, airline, origin, destination, departure time, arrival time, and status. Rows include flights like Haha-jima-NKT2, Agashimanakai, Hachioji-jima, etc.

28d 11h

Table of flight data for 28d 11h, including columns for flight number, airline, origin, destination, departure time, arrival time, and status. Rows include flights like Haha-jima-NKT2, Agashimanakai, Hachioji-jima, etc.

28d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BTO, PET, QIZ, GYA, MYLDM, LZH, CD2, ULN, SONM, FAKI, GTOI, MRSI, TOLIZ, SANI, KMI, YAK, DLV, PZH, SEY, GTA, ZAK, NONG, TNCH.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like TNCH, BKB, SBUM, MTKI, KIWB, GOMU, NAYO, CHTO, BKSI, CM31, CMAR, KSM, BBKI, MND, MND, ATKA, SRDT, MMRI, MMRI, SOEI, SOEI, SOEI, KDU, BATI, HNR, HNR, MTN, COEN, COEN, LSA, SURA, SHL, SHL, SHL, TIXI, TIXI, SRIT, SRIT, PLAI, PLAI, TWSI, JRMJI, KMMI, MYKOM, MYKOM, WMQ, WMQ, KULM, KULM, KULM, DGZ, DGZ, DSRI, NGJI, KNRA, KNRA, TAPN, TAPN, MTSU, KPJI, BKNI, ZALV, ZALV, PSI, RPSI, RPSI, RAMN, M11K, LHMI.

2026

Table with columns for station name, frequency, power, and other technical details. Includes stations like JIRN, LEM, SDOI, GUN, KCSI, KLI, TV1H, PKI, PKIN, MK31, MKAR, MKAR, PDSI, TNA, S12K, MAKZ, MAKZ, MAKZ, MAKZ, K13K, MASI, LWLI, KASI, M13K, GKN, WRA, WRA, MNAI, CTA, CTAO, CTAO, CTAO, CTAO, F14K, ANM, QIS, GSI, GSI, J14K, L14K, DANN, N14K, M14K, O14K, SISI, F15K, G15K, S14K, K15K, M15K, PYUN, O15K, N15K, H16K, C16K, NR1K, NR1K, NR1K, G16K, CHGN, J16K, KURK, KURK, KURB, I17K, L16K, N16K, M16K, D17K, P16K, R16K, RDOG, RDOG, C17K, G17K, E17K, F17K, J17K, H17K, L17K, K17K.



28d 11h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like D28M Stokes Point, P28M Mount Upton, etc.

2017 SEP

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like R32K Eaglecrest, N32M Quiet Lake, etc.

2028

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

2029

Table with columns for station ID, name, frequency, and other details. Includes stations like MNK, MSO, NACGM, PAHR, CMB, CMB, CMB, PNTB, ABTO, BBGB, YERR, BPMT, MFID, WAKR, PMPB, PABE, ELMT, KVN, LHV, HLID, HLID, NVAR, SIM, SMMC, EGMT, FFC, FFC, BOZ, PKM, HFS, YES, DSP, SUW, NB2, NB2, NOA, ELK, ELK, BCW, BCW, SBC, CWC, PPT2, PPT2, PPT2, PPT2, SC2Z, ISA, ARVC, GRAC, YNR, SMC, ICESG, CCAC, R11B, H17A, LKWW, LKWW, ID08.

2017 SEP

Table with columns for station ID, name, frequency, and other details. Includes stations like HVU, IMW, YMP, EDW2, FURC, WCT, ID07, FLWY, FXWY, KIS, MOOV, TPNV, TPNV, TPNV, TPNV, QSM, BGU, RLMT, REDW, SNOW, ID05, ID06, SPR3, AHID, SC12, BFSC, GSC, SHOC, RRR, ID09, ID10, PRN, DUG, DUG, HWUT, PSUT, PSUT, ELS, BBRC, LAO, LAO, TUQ, HEC, DGMT, DGMT, DGMT, MURC, CTU, BR13, BR13, BRTR, BRTR, NLU, BW06, BW06, PDAR, 109C, 109C, TESR, MPU, GMRC, PFO, PFO, PFO, PFO, BURR, BURR, P12, V12A, TCRU, BSUT, VRI, VRI, HARR, HARR, PLOR, PLOR, BAR, MONP.

28d 11h

Table with columns for station ID, name, frequency, and other details. Includes stations like LCMT, DY2G, MTPU, IRM, BC3, TAOE, TAOE, TAOE, TBI, TBI, TBI, TBI, TBI, RMX, P17A, SWSC, PKCU, YUH, MLR, MLR, DOPR, RGN, OJC, OJC, ESJX, CRVS, CRVS, CRVS, BLYC, U15A, GLA, GLA, K22A, K22A, ARR, RWWY, MMAI, O20A, O20A, O20A, RSSD, RSSD, RSSD, OKC, MDND, MDND, CSS, 113A, 113A, KSP, ULM, MORC, MORC, MORC, WUAZ, WUAZ, WUAZ, GHAJ, OSTC, MAUC, CHVC, DPC, DPC, DPC, VYHS, VYHS, VYHS, SURR, N23A, PHWY, PHWY, JAVC, PIX, VRAC, SMCO, SMCO, PVCC, BRG, BRG, BRG, BRG, BRG, BRG.

28d 11h

Table with columns: BRG, comp, name, elevation, frequency, mode, status, and coordinates. Includes stations like Berggiesshubel, Organ Pipe Nat, Mesa Verde, Collim, etc.

2017 SEP

Table with columns: 121A, 121A, 121A, ABTA, STU, WTTA, BGNE, BGNE, MOTA, SQT, RETA, SPMN, FETA, BFO, L34A, DAVA, EPT, CBKS, CBKS, CBKS, I37A, I37B, FUORN, FUORN, ECH, ECH, G40A, TUE, TUE, MNTX, MNTX, MNTX, MNTX, N35A, SCHO, MSTX, MSTX, AMTX, AMTX, 425A, KSU, KSU, KSU, PECS, OK038, TIP, OK032, OK032, JFWF, JFWF, DKNS, POST, POST, ALPN, P38A, WMOK, OK048, APMT, TX31, TXAR, OK031, SSB, P40A, P40A, ABTX, ABTX, L44A, HDIL, JCT, CCM, CCM, U00A, U00A, U40A, AAM, MIAR, P49A, WCI, ACSO, OXF, LODK, KMB, TZTN, GOGA, CNNC, MBAR. Includes stations like Cookes Peak, Stuttgart, Wattenberg, Belgrade, Moosalm, Sankt Quirin, etc.

2030

Table with columns: DWPF, TEIG, TAM, SNET, TGUH, BOAB, MTDJ, HDC, TORO, RIMA, ELIB, BCIP, BCIP, SJJG, UREC, ZARC, HRC, PLMC, BRLO, GUY2C, YOTC, SDV, SDV, BARC, ANIL, JAMC, SPFC, BBAC, PACI, POPC, ROSC, ROSC, ORTC, RUSC, SNA, OTAV, PRAC, CHIC, BONI, BAUV, PIAT, COHC, FLOC, MCRA, MCRA, BOSQ, PTLC, ATAH, CZSB, BOAV, BOAV, H03N2, H03N3, H03N1, MG05, ETMB, SAML, SAML, SAML, LPAZ, GO06, PLCA, CO02, LCO, LCO, LVC, LVC, AC02, CFA, SIV, SIV, PTLB, CPUP, CPUP, BDFB, BDFB. Includes stations like Disney Wildern, Tepic, Tamarras, Serv Nac Est T, Tegucigalpa, BOAC, Mount Denham, Heredia, Torodi Ar, Rio Macho, Princess Elisa, Isla Barro Col, Isla Barro Col, Isla Barro Col, San Jos de Ur, Zaragoza, Santa Helena, San Jos del Per, Barranca, Guyana, Yotoco, Santo Domingo, Santo Domingo, Barichara, Santa Ana, Jamundi, Pablo de B, Balboa, Cabo Paraso, Popayan, El Rosal, El Rosal, Ortega, La Rusia, Sanas, Otavalo, Prado, Chingaza, La Bonita, El Baul, Ana Tenorio, Cochancya, Florencia, Macar, Macar, San Juan, San Juan, PTLC, Atahualpa, Cruzeiro do Su, Boa Vista, Juan Fernandez, Juan Fernandez, Puerto Natales, Extrema, Samuel, Samuel, Samuel, La Paz, Curarehue, Pisco Flores, Combarbal, Las Campanas, Limor, Limor, Maricunga, Coriel Fontan, San Ignacio, San Ignacio, Pontes e Lacer, Vila Florida, Warramunga Arr, Alce Springs, Dubbo College, Young, Makanchi Arr, Kurbb, Kurbb. Includes various elevation, frequency, mode, and status data.

IDC 28 11:32:35.9-1.8, 0.77N: 127.36E, h0km, mb4.0/4, mtdmp:0.04, Error ellipse: s-maj=163.6km s-min=21.7km

DJA 28 11:32:36.1u.0.4, 1°N, 3°E, h11km, m3.9/11, mb4.1/1, MLV3.9/11

ISC 28 11:32:37.3-1.1, 0.9N: 127.54E, h0.07, h10.9, n13, o1514/14, mb4.15, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNTI, LBMI, SANI, SWI, NLAJ, GOTO, FAKI, WRA, ASAR, YNG, MKAR, KURBB.

MEX 28 11:39:45.0-0.3, 14.77N: 94.21W, h12km, 24km, MD4.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, PCIG, PATR, PATR, CHJU, HUIG, UXUV, UXUV.



IDC 28 11:43:40.6:1.4, 28:57N:140:86E, h0km, mb3.7/3, mbmp3.6/4, ML2.3/1, MS4.2/1, Error ellipse: s-maj=40.6km s-min=23.5km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Mjars, H1N2, H1N1, H1N3, WRA, ASAR, MSVF, NVAR.

IDC 28 11:51:23.5:0.5, 28:53N:141:05E, h0km, mb4.0/19, mbmp4.0/24, ML3.1/3, Error ellipse: s-maj=20.1km s-min=11.9km az=67.0

NEIC 28 11:51:25.1:2.6, 28:73N:0:05:140:97E:0:08, h10km, 1km, mb4.7/22, Error ellipse: s-maj=13.6km s-min=6.8km az=62.0

IDC 28 11:51:24.5:0.4, 28:56N:0:05:140:97E:0:07, h10km, n79, s=160/71, mb4.3/30, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, H1N2, H1N1, H1N3, WRA, ASAR, MSVF, NVAR, MAJO, MJBS, JMW, JMM, JNU, JNU, JNU, JOW, KRSR, GUMO, JKA, ASAJ, YULB, KALU, H1N2, H1N1, H1N3, H1S3, H1S1, H1S2, MYLDM, MYLDM, CRAI, CHTO, CMAR, COEN, KNRA, KNRA, TAPN, RAMN, JIRN, GUN, WB0, PKI, MKAR, WRAB, CTAO, WR0, WB2, WRA, DANN, PYUN, KURK, KURK, KURB, ASAR, J20K, J20K, PSA00, H21K, H21K, MLY, TOLK, TOLK, BVAR.

comp=2.0,6nm,0.4s ILAR Eielson Array 56.87 29 P P 12 01 10.2 +1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MWH, SCRW, SCRW, J26L, J26L, STKA, SPITS, ARCES, FINES, KBZ, NVAR, HFS, NB2, NOA, PDAR, CLL, TXLL, H03N2, H03N3, H03N1, LPAZ, LPAZ, PLCA, PLCA.

HEL 28 12:02:14.3:0.3, 67:83N:20:24E, h0km, ML1.3, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LANU, LANU, KIF, KIF, PAJU, PAJU, HEF, HEF, ERTU, ERTU, KTKI, KTKI, KTRU, KTRU, KALU, KALU, TOF, TOF, TOF, TOF, ROVANIEMI, ROVANIEMI.

IDC 28 12:22:38.7:0.9, 50:30N:159:89E, h0km, mb3.6/10, mbmp3.7/12, ML2.3/1, Error ellipse: s-maj=23.8km s-min=19.0km az=179.0

KRSC 28 12:22:43.4:1.5, 50:60N:160:17E, h41km, 30km, M14.1, ISC 28 12:22:44.9:2.1, 50:44N:0:10:160:09E:0:06, h41km, 18km, n34, r125/38, mb3.6/10, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KDRTR, KDRTR, MTRV, MTRV, ASAK, ASAK, GRL, GRL, KRMR, KRMR, DALK, DALK, PET, PET, AVH, AVH, KOK, KOK, ARX, ARX, PETK, PETK.

APC Apache 3.09 325 P P 12 23 31.4 +0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APC, APC, KII, KII, MKZ, MKZ, MKZ, MKZ, TUMD, TUMD, TUMR, TUMR, BZGR, BZGR, KIRN, KIRN, KIRN, KIRN, BZWR, BZWR, SMKR, SMKR, SHEM, SHEM, SHEM, SHEM, ILAR, ILAR, KURBB, KURBB, MKAR, MKAR, BVAR, BVAR, NVAR, NVAR, PDAR, PDAR, TXAR, TXAR.

0.3nm, 0.5s, baz=296, slow=5.0, SNR=7.9 WRA Warramunga Arr 73.67 205 P P 12 34 11.9 -2.2

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

MEX 28 12:26:41.4:0.5, 15:28N:93:89W, h47km, 17km, MDA.1, IDC 28 12:26:44.0:4.3, 15:23N:93:52W, h90km, 51km, mb3.4/3, mbmp3.7/5, ML3.5/2, Error ellipse: s-maj=41.6km s-min=32.9km az=105.0

ISC 28 12:26:45.1:2, 15:33N:0:07:93:86W:0:04, h45km, 16km, n29, r143/43, mb3.7/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG, PCIG, CARR, CARR, NILT, NILT, PATR, PATR, TGIG, TGIG, PAVE, PAVE, HUIG, HUIG, CCIG, CCIG, UXUV, UXUV, HUIG, HUIG, TUIG, TUIG, NEUV, NEUV, PEIG, PEIG, VHO, VHO, PMYU, PMYU, YONG, YONG, TOIG, TOIG, TXIG, TXIG, PNIJ, PNIJ, PNIG, PNIG, HLIG, HLIG, FTIG, FTIG, JAUV, JAUV, JAUV, JAUV, LVIG, LVIG, TEIG, TEIG, JTS, JTS, TXAR, TXAR, TKL, TKL, NVAR, NVAR.

ILAR Eielson Array 60.91 337 P P 12 36 46.9 -1.6

DJA 28 12:31:44.0:0.3, 8:3'S:111°5'E, h10km, M3.6/11, mb3.8/1, MLV3.5/11, Ball region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SRBI, SRBI, DNP, DNP, JAGI, JAGI, ABJI, ABJI, TWSI, TWSI, BLJI, BLJI, KMJI, KMJI, GMMI, GMMI, UGM, UGM, BKSI, BKSI.

IDC 28 12:55:45.2:1.2, 0:96N:127:43E, h0km, mb3.7/4, mbmp3.7/5, ML2.9/1, Error ellipse: s-maj=51.4km s-min=19.9km az=56.0, Halmaera

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

IDC 28 12:56:33.2:2.1, 28:53N:140:97E, h56km, 19km, mb3.5/7, mbmp3.8/9, ML3.1/2, MS3.2/4, Error ellipse: s-maj=26.8km s-min=14.0km az=68.0

ISC 28 12:56:31.7:0.8, 28:53N:0:1:141:0E:0.2, h35km, n21, s=238/12, mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CJC, CJC, MJAR, MJAR, JOW, JOW, KRSR, KRSR, GUMO, GUMO, KLR, KLR, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3.

28d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 25.55 107 T, H11S1 WAKE ISLAND Hy 25.55 107 T, H11S2 WAKE ISLAND Hy 25.57 107 T, CMAR Chiang Mai Arr 39.67 265 LR, WRA Warrunguna Arr 46.62 188 P, ASAR Alice Springs 52.35 188 P, ILAR Eielson Array 56.97 29 P, NVAR Mina Array Bea 80.46 51 P, NOA NORSTAR Array B 81.88 338 P, PDAR Pinedale Array 83.93 44 P, TXAR Lajitas Array 95.58 52 P, LPAZ La Paz 150.54 72 PKPbc

IDC 28 12:57:56.1±1.0, 1.95N:127.89E, h0km, mb3.77, mbtmp3.7/8, ML3.6/1, MS3.0/2, Error ellipse: s-maj=57.3km s-min=17.0km az=58.0

ISC 28 12:58:06.7±0.8, 1.9N:0.2:128.2E:0.3, h100km, n14, r1544/9, mb3.5/7, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SIJU Sorong 4.11 132 Pn, SIJU 0.6nm, 0.3s, baz=294, slow=20, SNR=12 Sn, WRA Warrunguna Arr 22.53 165 P, ASAR Alice Springs 26.02 168 P, CMAR Chiang Mai Arr 33.08 302 P, H11S3 WAKE ISLAND Hy 41.14 64 T, H11S2 WAKE ISLAND Hy 41.16 64 T, H11S1 WAKE ISLAND Hy 41.16 64 T, H11N1 WAKE ISLAND Hy 41.73 62 T, H11N2 WAKE ISLAND Hy 41.74 62 T, H11N3 WAKE ISLAND Hy 41.75 62 T, SONM Songo Array 49.49 341 P, MKAR Makanchi Array 59.89 325 P, KURBB Kurchatov Arra 64.07 327 P, BVAR Borovoye Array 69.65 327 P

IDC 28 12:59:57.0±3.5, 31.61N:140.85E, h0km, mb3.9/2, mbtmp3.9/4, ML3.4/2, Error ellipse: s-maj=169.5km s-min=18.8km az=73.0

JMA 28 13:00:02.0±0.4, 32.1N:141.1E:1, h10km, MV3.4/1.5, E OFF HACHIJUJIMA ISLAND

ISC 28 13:00:02.0±1.4, 31.74N:0.008:141.1E:0.2, h57km, n15, r193/19, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAOM Aogashimamukai 1.33 303 P, JHJ2 Mitsune 1.73 322 P, JHJ Hachijo jima 2 1.75 322 P, JMKM Mikurajimashi 2.48 330 eS, JMYK Miyake Tsubota 2.65 331 eP, JYN Shimob 4.30 331 eP, JRY Ryogami san 4.63 338 eP, JAG Ashikaga 4.86 344 eP, MJAR Matsushiro Arr 5.34 334 P, H11N2 WAKE ISLAND Hy 26.08 111 T, H11N1 WAKE ISLAND Hy 26.09 111 T, H11N3 WAKE ISLAND Hy 26.10 111 T, WRA Warrunguna Arr 51.80 188 P, ASAR Alice Springs 55.52 188 P

IDC 28 13:02:03.2±1.8, 11.98N:124.58E, h0km, mb4.0/5, mbtmp4.1/6, ML4.2/1, Error ellipse: s-maj=108.3km s-min=19.7km az=60.0

ISC 28 13:02:05.0±1.7, 11.9N:0.4:124.5E:0.5, h10km, n12, r1560/6, mb4.0/5, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TGY Tagaytay City 4.08 302 P, WRA Warrunguna Arr 33.12 163 P, ASAR Alice Springs 36.55 165 P, H11S3 WAKE ISLAND Hy 41.17 76 T, H11S1 WAKE ISLAND Hy 41.18 76 T, H11S2 WAKE ISLAND Hy 41.18 76 T, H11N1 WAKE ISLAND Hy 41.74 74 T, H11N2 WAKE ISLAND Hy 41.74 74 T, H11N3 WAKE ISLAND Hy 41.75 74 T, STKA Stephens Creek 46.53 160 P, MKAR Makanchi Array 49.66 323 P

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra 53.73 325 P, IDC 28 13:02:19.4±2.6, 0.94N:127.62E, h0km, mb3.3/3, WRA Warrunguna Arr 21.78 163 P, ASAR Alice Springs 25.21 166 P, MKAR Makanchi Array 60.34 326 P

TAP 28 13:05:14.7, 24.73N:122.44E, h91km, ML2.8, C JMA 28 13:05:14.6±0.1, 25.1N:122.5E:0.3, h98km, 1km, MV1.8/13, NW OFF ISHIGAKIJIMA ISLAND

ISC 28 13:05:15.0±1.4, 24.69N:0.04:122.44E:0.02, h92km, 7km, n71, r1900/137, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like E0S2 E0S2 0.33 215 eP, E0S3 E0S3 0.42 196 eP, E0S3 E0S3 0.26 206 eS, JYNG Yonagunijimaku 0.52 117 i P, TWC Suao 0.55 262 eP, YOJ Yonaguni jima 0.57 114 P, E0S4 E0S4 0.58 191 eP, SXI1 Grass Mountain 0.65 308 eP, NDS Dongshan 0.66 265 eP, ENA Nanau 0.69 248 P, FUSB Fushanzhiwuyua 0.78 275 P, ENTT Nicoudou 0.80 267 P, LATG Datong 0.85 260 P, NDT Datong Townshi 0.85 264 P, NWLT Wulai 0.86 276 eP, YM01 YM01 0.91 300 eP, ETL Fush Village 0.91 235 eP, NACB Ninganchiao 0.93 237 eP, YHNB Yeheng 0.97 269 P, TWD Chiawan 0.98 232 eP, TWD TWD 0.98 223 eS, NSK Sanguang 0.99 269 eP, ETLH Xiulin Townshi 1.00 241 eP, NNSB Datong 1.00 255 eP, NNS Nan Shan 1.00 256 eP, TWS1 Kuangyinshan 1.02 294 eS, ETM Tongmen 1.13 230 eP, LXIB Xiulin Townshi 1.15 235 eP, WHF Hehuan Shan 1.20 243 eP, NFF Wufeng Townshi 1.21 268 eP, IRIF Iriomote-Funau 1.23 106 P, TWT Tachien 1.23 250 eP, TDCB Tech 1.25 250 eP, ESL Shilin 1.27 227 eP, TEGC Jichi Village 1.28 220 eS, LIOB Emei 1.30 268 eP, NNST Nanjuang 1.31 268 eP, CHGB Renai 1.31 242 eP

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WARBT Finglin Townsh 1.37 225 P, OWD Renai 1.37 238 eP, EGFG Guangfu 1.38 223 eP, WUSB Renai 1.39 240 P, HATJ Hateruma jima 1.39 117 eS, WHP Taichung City 1.42 254 eP, JKRS Kuroshima 1.50 107 P, VVWD 1.51 232 eP, HGSD 1.51 218 P, WCS Beigang Elemen 1.53 246 eP, EHY Hungye 1.56 221 eP, JIJ Ishigaki jima 1.58 101 P, SMLT Sun Moon Lake 1.62 241 eP, SSLB Suanglung 1.63 237 eP, TYC Yuch 1.64 242 eP, YULB Yu-i 1.66 219 eP, EYUL Yuli 1.69 218 eP, JISG Ishigakijimahi 1.70 93 P, WHYT Xinyi Township 1.76 236 eP, FULB Fuli 1.82 215 eP, CHKT Chengkung 1.86 212 eS, ALS Alishan 1.90 232 eP, EHD Haiduan 1.91 217 eP, ELDTW Lidau 1.98 221 eP, EDH Donghe 2.00 212 eP, JTJ Tarama 2.06 91 P, WCKO Fanlu 2.09 234 eP, STYH Taoyuan 2.15 226 eP, CHN4 Tsausshan 2.15 232 eP, TPUB Ta-pu 2.16 231 eP, LDUT Ludao 2.20 204 eP, WTP Ta-pu 2.21 230 eP, CHN1 Nanshi 2.30 230 eP, SLGT Liugu 2.36 225 eP

IDC 28 13:23:23.2±999.0, 57.19N:27.09E, h0km, Error ellipse: s-maj=822.2km s-min=154.2km az=91.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I43RU DUBNA INFRASON 5.56 91 I, I31KZ AKTYUBINSK INF 19.37 97 I, I46RU ZALESOVO INFRAS 31.96 71 I

IDC 28 13:30:31.6±2.3, 0.76N:127.42E, h0km, mb3.2/3, mbtmp3.3/3, Error ellipse: s-maj=173.1km s-min=28.7km az=66.0, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warrunguna Arr 21.66 162 P, ASAR Alice Springs 25.08 166 P, MKAR Makanchi Array 60.38 326 P

IDC 28 13:43:28.7±13.0, 34.74S:103.83W, h0km, mb3.6/4, mbtmp3.6/4, MS3.5/14, Error ellipse: s-maj=360.5km s-min=46.2km az=19.0, West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RPN Rapa Nui 8.94 327 LR, H03S2 Juan Fernandez 20.59 95 T, H03S1 Juan Fernandez 20.60 95 T

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Juan Fernandez, Coronel Fontan, Limon Verde, etc.

IDC 28 14:31:36.8, 1.2, 0.87N, 127.46E, h0km, mb3.5/4, mbmp3.5/5, ML3.0/1, Error ellipse: s-maj=47.4km s-min=19.0km az=60.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Sorong, Davao City, Warrungga Arr, etc.

IDC 28 14:32:17.5, 1.6, 5.81S, 147.24E, h0km, mb3.6/2, mbmp3.8/4, ML 1.4/1, MS3.1/2, Error ellipse: s-maj=48.4km s-min=29.8km az=83.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warrungga Arr, Alice Springs, etc.

IDC 28 14:36:31.6, 1.0, 21.33S, 174.39W, h0km, mb4.2/13, mbmp4.2/14, ML3.7/1, MS3.6/29, Error ellipse: s-maj=40.0km s-min=17.7km az=152.0

NEIC 28 14:36:33.2, 8.2, 20.5S, 0.2:174.01W:0.09, h39km, 15km, mb4.2/13, Error ellipse: s-maj=24.7km s-min=12.4km az=183.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Tonga Islands, Niue, AFI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Tubuai, MRNZ, Papeete, etc.

IDC 28 14:51:48.4, 29.0, 20.64S, 69.13E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=96.9km s-min=46.1km az=55.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like Diego Garcia, Crozet Islands, etc.

NCEDC 28 14:53:34.7, 3.2, 40.14N, 0.08:127.2W:0.1, h16km, 2km, Error ellipse: s-maj=15.3km s-min=13.6km az=257.0

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

NEIC 28 15:14:59.7, 0.8, 36.390N:0.008:98.39W:0.01, h17km, 6km, Error ellipse: s-maj=1.7km s-min=0.7km az=52.0

TUL 28 15:14:59.8, 0.7, 36.387N:0.009:98.40W:0.01, h7km, 4km, ML2.8, mb\_Lg2.4/17(NEIC), ML2.7/43(NEIC), Error ellipse: s-maj=1.3km s-min=1.3km az=86.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like West end E0370, Carrier, etc.

NEIC 28 15:25:33.0, 0.8, 36.390N:0.008:98.39W:0.01, h17km, 6km, Error ellipse: s-maj=1.7km s-min=0.7km az=52.0

28d 15h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KS21 Milan North St, KS20 Mayfield South, etc.

NEIC 28 15:17.20.8.2, 1.47.84S; 0.09; 165.6E; 0.2; h10km; 2km, mb4.3/8, Error ellipse: s-maj=20.9km s-min=8.8km

IDC 28 15:17.22.9.0.9, 47.46S; 165.69E, h0km, mb4.0/5, mbmp4.17, ML2.0/2, MS3.5/12, Error ellipse: s-maj=28.1km s-min=24.4km az=169.0

NOU 28 15:17.23.1, 47.69S; 165.75E, h0km, mb4.5/18, Off W. Coast of S. Island, N.Z.

ISC 28 15:17.22.9.2.9, 47.77S; 0.07; 165.84E; 0.06, h12km; 18km, n124, s198/133, mb4.2/9, MS3.4/13, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PYZ Puysegur Point, WHZ Wether Hill Ro, etc.

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Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AKCZ Akaroa Harbour, INZ Inchbonnie, etc.

2034

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IUG 38nm, 0.1s, CHM Chinkent, etc.

NNC 28 15:18.05.4.1.4, 42.61N; 69.87E, h0km, mb3.1, mpv3.2, Error ellipse: s-maj=15.4km s-min=7.3km az=73.0, Suspected Mining explosion. SOME 28 15:18.09.8, 42.30N; 70.35E, h10km, KRNET 28 15:18.10.5.0.1, 42.20N; 70.49E, h14km, mb2.3

2035

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like OK038 West end E0370, R32A Long Quarter, U32A Winter Ranch, etc.

UPA 28 16:06:57.9-0.6, 4.81N-78.53W, h13km, 11km, MW4.1
IDC 28 16:06:59.0-2.4, 4.41N-78.76W, h0km, mb3.42,
mbmp4.5/3, ML2.6/1, MS3.0/3, Error ellipse: s-maj=81.3km
s-min=39.0km az=18.0

RSNC 28 16:07:03.2-0.8, 5.06N-78.42W, h32km, 6km, ML3.0,
Mw3.4
ISC 28 16:06:59.9-3.4, 5.03N-0.03W, 78.48W, 0.03, h8km, 23km,
n51, e207/80, 2C, Azimuth of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like PIZC Pizarro, Choco, MALC Bahia Malaga, PLMC San Jos del P, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like APAC Chitre, CRUC La Cruz, BETA Betania, etc.

IDC 28 16:43:59.6-1.9, 5.04S:131.05E, h0km, mb3.5/1,
mb4.3/2, MLV4.0/12
NEIC 28 16:44:00.4-1.8, 4.80S:0.05E:130.6E:0.2, h10km, 2km,
mb3.9/8, Error ellipse: s-maj=28.7km s-min=4.4km
az=104.0

DJA 28 16:44:04.1-1.1, 5.3S:13.1E, h12km, 9km, M4, 1/12,
mb4.3/2, MLV4.0/12
ISC 28 16:44:04.5-0.7, 4.90S:0.05E:130.83E:0.05, h35km, n38,
e219/40, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like BNDI Bandanaira, FAKI Fak Fak, SAUI Saumlaki, etc.

28d 16h

BUI 28 16:53:02.0-2.0, 5.89N:120.10E, h33km, mb4.4/32,
mb4.9/16, Ms4.1/13, Ms7.3/8/16
DJA 28 16:53:02.0-0.3, 6.1N:3.12E, h10km, M4.9/37,
mb4.9/37, mb5.4/16, MLV5.2/7, Mw(MB)4.8/16,
Mw(Mw)4.5/2, Mw(Mw)4.9/2
NEIC 28 16:53:05.5-2.1, 6.02N:0.06E:120.04E:0.04, h51km, 4km,
mb4.9/85, Error ellipse: s-maj=9.3km s-min=5.2km
az=154.0
IDC 28 16:53:06.5-2.5, 6.18N:120.20E, h46km, 24km, mb3.9/18,
mbmp4.2/21, ML4.4/3, MS3.6/19, Error ellipse:
s-maj=23.5km s-min=11.8km az=72.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like MYLDM Lahad Datu, KKM Kota Kinabalu, GTO Gorontalo, etc.



Table with columns: STA, Name, Az, El, P, Res, Time, Res. Includes stations like GTA, TAPN, RAMN, JIRN, GUN, KLR, PKI, GKN, DANN, ULN, SONM, PYUN, PETK, URZ, MK31, MKAR, MAZK, KSH, NRRN, AAK, ZAAO, ZALV, KBL, BTX, KURBB, KURK, KK31, KKAR, BVAR, BRVK, GEYT, GYA0B, NRIK, ABKAR, AKTO, ARU, VNSA, MAW, N19K, BERG, ARCES, TORD, DUA, NEIC, IDC, ISC.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like TNTI, LBMI, SANI, SNI, SWI, SIJ, GTOI, DAV, DAV, DAV, NLAI, LUWI, MRSI, FAKI, FAKI, FAKI, TOLJ, TOLJ, RKPI, TTSI, MYLDM, BKSI, KAPI, KAPPAN, KAPI, KAPI.

Table with columns: STA, Name, Az, El, P, Res, Time, Res. Includes stations like KAPI, SAUI, MMRI, KKM, SOEI, BATI, GENI, BBKI, JAY, JAY, PLAI, PLAI, TWSI, MTN, MTN, SBUM, SBUM, KDU, KMMI, KSM, KSM, KSM, GMIJ, KNRA, KNRA, DLV, TWG, TWG, LEM, YULB, YULB, YULB, TPUB, TPUB, COEN, SSSL, SSSL, SSSL, WRAP, WRAP, WRAP, WRA, WRA, WRA, YHNB, YHNB, MYKOM, MYKOM, KNMB, MBWA, MBWA, PSAO, PSAO, PSAO, QIS, ASAR, ASAR, ASAR, KULM, CTAO, GSI, CRAI, CMAR, CHTO, ENSH, ENSH, PZH, KSR, MJAR, STKA, MND, MND, TIY, BJT, BJT, ARMA, ARMA, LZH, LZH, LZH, HHC, BTO, BTO, BTO, BTO, BTO, USRK, XLT, XLT, XLT, GYA, GYA, GOMU, GOMU, GOMU, ODAM, RAMN, JIRN, JIRN, GUN, PKI, PKI, PKI, PKI, DKN, DKN, GKN, ULN, SONM.

Table with columns: STA, Name, Az, El, P, Res, Time, Res. Includes stations like SONM, KOLN, DANN, PYUN, WMQ, PETK, MKAR, TARG, MAZK, YAK, KSH, NRRN, AAK, AAK, ZALV, KURBB, KURK, BTK, KKAR, BVAR, BRVK, NRIK, GEYT, ABKAR, AKTO, ARU, ARU, VNSA, J20K, CAST, ILAR, ARCES, FINES, TORD, NAO, BER, DNK, KOLA, IDC, IEPN, ISC, Code, Station Name, Az, El, P, Res, Time, Res.





Table with columns: BNN, BUNYAN, MCUR, KIRSEHR, etc. Includes station names, coordinates, and time/res data.

TEH 28 17:55:54.4,27:10N:56:92E,h20km,32km,ML3.2

OMAN 28 17:55:54.9,0.6,27:11N:56:91E,h10km,m4.4/1

DSN 28 17:55:55.5,1.3,27:10N:56:29E,h10km,ML2/6,Error

ISC 28 17:55:54.2,0.9,27:09N:03:56:86E,0.04,h10km,n37,

r1524/46, Southern Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like IBND, GENO, SHME, etc.

DSN 28 17:57:24.1,5.3,1.27:92N:57:98E,h10km,ML3.0/8,Error

TEH 28 17:57:27.7,27.9N:57:06E,h16km,19km,ML3.4

OMAN 28 17:57:31.9,0.5,27:37N:57:48E,h3km,20km,mb5.2/2,

m3.1/17, Error ellipse: s-maj=38.9km s-min=4.3km az=8.0

ISC 28 17:57:27.3,0.9,27:27N:03:57:63E,0.05,h10km,n52,

r1537/65, Southern Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like KHNU, IBND, GENO, etc.

Table with columns: SOHO, SOHO, ASUD, AI Ashush, Dub, etc. Includes station names, coordinates, and time/res data.

SJA 28 18:06:30.4,0.7,20:82S:69:18W,h106km,3km,ML3.3,

GUC 28 18:06:32.0,0.7,20:84S:69:16W,h100km,4km,ML3.4

ISC 28 18:06:32.1,1.4,20:85S:03:69:22W,0.05,h96km,9km,

n31,r1501/57,Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like PB01, PB02, PB08, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like RABL, RABL, KRVT, etc.

28d 18h

mb4.6/34, Mw4.4/29, Mw4.6(GUC), Error ellipse: s-maj=9.2km s-min=4.0km az=92.0, Moment Tensor Solution. Moment tensor. Scale: 10^15Nm; Mr2.3; Mw0.32; Mw-2.69; Ms1.16; Mw2.53; Mw-3.10; Fault plane solution: M4.80000/1015 NP1.3p/3.10.800000. S24.520000, L61.690000. NP2.7s/161.430000, 668.570000, 1.102.210000. Principal axes: T 3.8393, Plg64.0000, Azm92.0000; N 1.6505, Plg11.0000, Azm337.0000; P 5.4899, Plg23.0000, Azm242.0000;

NEIC 28 18:17:13.3, 43:19S:74.39W, h29km

GUC 28 18:17:15.7, 0.8, 43:18S:74.19W, h33km, 3km, ML4.6

ISC 28 18:17:13.2, 0.8, 43:18S:74.33W, 0.09, h21km, 3km, n112, s1936/105, mb4.5/21, MS3.9/18, 3C-3D, Southern Chile

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their associated data points.

2017 SEP

Table with columns: PB16, Iamb, Iamb, 18 22 42.3, etc. Lists seismic events with station codes and magnitudes.

MEX 28 18:17:25.0, 5.0, 15:08N:94.28W, h16km, 18km, MD4.2
NEIC 28 18:17:26.2, 2.2, 15:09N:0.08, 94:15W, 0.07, h38km, 10km, mb4.5/90, Md4.2/10(A), Error ellipse: s-maj=11.4km s-min=9.3km az=200.0

IDC 28 18:17:27.3, 7.5, 15:10N:93.90W, h54km, 53km, mb3.6/6, mbmp3.8/7, ML4.0/1, MS3.1/11, Error ellipse: s-maj=61.5km s-min=29.8km az=4.0

ISC 28 18:17:24.3, 4.4, 15:08N:0.07, 94:21W, 0.06, h32km, 26km, n131, s1922/130, mb4.5/27, MS3.1/11, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their associated data points.

2040

Table with columns: SAND, Iamb, Iamb, 18 21 23.9, etc. Lists seismic events with station codes and magnitudes.



28d 19h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like TXAR, KMSK, W57A, etc.

2017 SEP

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like SMTB, T25A, T25A, etc.

2042

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like S11A, CTU, MPMC, etc.

Table with columns: YKVA, Yellowknife Ar, 63.32 345 LR, 19 51 25.9, etc. Includes rows for V35K, KOTAN, T35M, DLBC, R33M, Q32M, S32K, SIT, R32K, PPT, PPT2, PPT2, PPT2, P33M, P32M, SFJD, TBI, O30N, P30M, P29M, M31M, N31M, HYT, O29M, M30M, YUK4, YUK6, M29M, M29M, L29M, J30M, H31M, K29M, K29M, RES, CTG, YUK3, I30M, ICESG, F31M, DAWY, M27K, KAIM, MCARA, I29M, I29M, EPYK, INK, INK, L27K, M26K, BMRM, F30M, H29M, I28M, N25K, K27K, G29M, G29M, EYAK, L26K, KLU, I27K, SCRK, E29M, J26L, J26L, M24K, H27K, RIDG, RIDG, F28M, I26K, G27K, SUMG, SUMG, M23K, E28M, J25K, KNK, SML, WAT6.

Table with columns: E27K, Coleen River, 75.36 341 P, 19 22 45.7 +1.0, etc. Includes rows for G26K, HDA, HDA, WAT1, ILAR, ILAR, BORG, KDAK, H25L, F26K, RND, SUA, MCK, G25K, F25K, NEA2, NEA2, H24K, H24K, TRF, TRF, MORF, E25K, SKT, N20K, SPCR, G24K, PNCL, I23K, I23K, I23K, BPAS, BPAS, BPAW, BPAW, H23K, F24K, PPLA, C26K, MLY, MLY, M20K, CAST, CAST, PVAQ, PVIS, CHUM, PESTR, N19K, G23K, Q17K, RAR, O18K, COLD, PBAR, E23K, K20K, K20K, L19K, N18K, C24K, J20K, J20K, D23K, F22K, E22K, N17K, G21K, J19K, L18K, F21K, H20K, M17K, J18K, MDT, KOWA, K17K, L16K, E20K, H18K, ESDC, E19K, F19K, O14K, EKA.

Table with columns: TORD, Torodi Ar. Bea, 85.34 77 P, 19 23 38.1 -1.3, etc. Includes rows for TORO, NOA, DAVOS, HFS, GERES, QSPA, ARCES, ARCES, VRA, VAE, FINES, VNA, DZM, MDJ, KURB, SONM, BTO, ASAR, WRA, H01W1, H01W2, H01W3, CDZ, PZH, CMAR.

NNC 28 19:24:14.9:0.4, 43:04N:78:36E, h1km, 2km, mb2.6, ... SOME 28 19:24:15.3, 43:05N:78:35E, h10km, ... KRNET 28 19:24:17.1:0.1, 42:97N:78:21E, h19km, mb2.4, ... ISC 28 19:24:15.1:0.8, 43:04N:0:03:78:32E:0:02, h10km, 3km, n43, c15176, 19C-5D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes rows for SATY, SATY, SATY, SATY, ZHN, ZHN, ZHN, ZHN, KURS, KURS, KURS, KURS, KPKS, KPKS, KPKS, UZB, UZB, UZB, ANVS, PRZ, PRZ, SHLS, SHLS, KOTS, KOTS, KOTS, PDGK, PDGK, PDGK, TNSN, TNSN, TNSN, BLB, BLB, IZV, IZV, IZV, KTBS, KTBS, KTBS, MTBS, MTBS, MTBS, KNOS, KNOS.

28d 19h

Table with columns: ULHL, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KasteK, Boomkowsky usch, Degeres, etc.

IDC 28:19:37.13.6.1.1, 16.36N:98.36W, h0km, mb3.9/6, mbmp3.9/9, ML3.8/3, MS3.8/19, Error ellipse: s-maj=38.1km s-min=17.6km az=59.0

NEIC 28:19:37.14.1.9, 16.21N:0.04.98.46W:0.06, h10km, 1km, mb4.4/15, Mch4.4/24(MEX), Error ellipse: s-maj=9.4km s-min=6.1km az=269.0

MEX 28:19:37.14.6.0.5, 16.08N:98.67W, h16km, 999km, MD4.4 ISC 28:19:37.10.2.1, 16.07N:0.04.98.58W:0.02, h0km, 9km, n215, e1969/230, mb4.5/58, MS3.7/17, Near coast of Guerrero

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNIQ, MGIG, YOIG, etc.

2017 SEP

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 435B, 425A, WHTX, etc.

2044

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCM, CPCT, W52A, etc.

Table with columns: Call sign, Mawson station name, Azimuth, Elevation, SNR, and other parameters. Rows include LPAZ, SCHQ, MDP, DLBC, H03N2, etc.

IDC 28 19:58:50.0-0.8,33.36Sx178.24W,h0km,mb4,1/6, mbmp4.2/10,ML4.8/4,MS3.6/13,Error ellipse: s-maj=27.5km s-min=19.2km az=105.0, NEIC 28 19:58:52.9-1.4,33.29S,0.08-178.3W,0.1, h10km,1km, mb4,5/10,Error ellipse: s-maj=23.2km s-min=5.1km az=122.0, WEL 28 19:58:52.7-1.1,33.57Sx178W,1.9,h33km,M4.6/13, mB5.0/7,ML5.0/12,MLv4.9/13,Mw(mB)4.3/7,Error ellipse: s-maj=0.0km s-min=0.0km az=105.8,confirmed ISC 28 19:58:54.7-0.6,33.24S,0.05-178.2W,0.1,h34km,n75, s123.7/2,mb4.5/11,MS3.7/10,4C,South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Lists stations like Green Lake, RAO, WAZ, etc.

Table with columns: Call sign, Palmer Station name, Azimuth, Elevation, SNR, and other parameters. Rows include MAW, PMSA, TROLL, SNA, etc.

NOU 28 20:22:38.5,38.51'S,175.59'E,h191km,MLV4.0/9, North Island, New Zealand WEL 28 20:22:43.1-0.7,39.54Sx176E,1, h143km,6km,M3.3/6/1, ML3.3/24,MLv3.3/6/1,Error ellipse: s-maj=0.0km s-min=0.0km az=144.7,confirmed ISC 28 20:22:38.1-1.6,38.56S,0.04-175.63E,0.05,h185km,8km, n150, s145/156, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Lists stations like WATZ, FLZ, RAZ, etc.

Table with columns: Call sign, Mawson station name, Azimuth, Elevation, SNR, and other parameters. Rows include KUZ, WTAZ, POWZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Lists stations like IDC 28 20:23:06.9-3.9, etc.

28d 20h

Table with columns: POST, comp, I, Amb, I, Amb, 20, 27, 50, 2. Rows include MIAR, X37A, DKNS, MNTX, WHAR, X48A, GOGA, MSTX, FPAL, AMTX, LCAR, W50A, OK048, ELIS, NOKA, TKL, TLK, U49A, S44A, SIUC, U54A, ATAH, PDAR, SADO, MDP, YCHO, SKA, RES, PLCA, ILAR, NOA, NOA, GEYT, CMAR.

IDC 28 20:22:6.3, 1.6, 0.03S, 154.94E, h166km, 29km, mb3.0/3, mbtmp3.5/5, Error ellipse: s-maj=38.7km s-min=28.3km

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res. Rows include KRVT, DZM, WRA, ASAR, MKAR.

IDC 28 20:26:48.7, 1.1, 15.182S, 173.27E, h0km, mb3.7/6, mbtmp3.7/8, ML3.9/2, Error ellipse: s-maj=44.6km s-min=22.1km az=157.0

ISC 28 20:26:53.0, 0.8, 15.9S, 0.2x173.3E, 0.1, h35km, n8, 113/8, mb3.7/6, Fijil Islands region

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res. Rows include MSVF, DZM, WRA, ASAR, NVAR, ILAR, SONM, TXAR.

SCB 28 20:39:24.0, 1.1, 19.94S, 67.00W, h241km, 10km, ML3.7/5, MW4.3, Error ellipse: s-maj=4.0km s-min=3.2km az=2.0

ISC 28 20:39:23.0, 0.2, 19.94S, 0.05x67.01W, 0.06, 1250.0, 20km, n29, 1128/45, Southern Bolivia

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res. Rows include SOEO, MOCB, MOCB, MOCB, PB08, PB08, PB08, GO01, GO01, SOET, PB01, PB01, PB01, YJA.

2017 SEP

Table with columns: PB09, IPOC Station P, 2.79 228, Pn, S, 20, 40, 14.8, +1.4, 20, 40, 53.6, +0.4, 20, 40, 59.3. Rows include PB09, PB16, PB02, TA01, PATCX, SOEJ, LVC, PB07, PB07, BBOE, PB12, PB06, PB04, PB04, PB15, PB15.

IDC 28 20:42:06.1, 1.7, 7.26S, 129.28E, h140km, 16km, mb4.0/20, mbtmp4.5/25, MS3.1/2, Error ellipse: s-maj=13.5km s-min=9.9km az=87.0

NEIC 28 20:42:06.5, 1.6, 7.28S, 0.07x129.23E, 0.03, h141km, 7km, mb4.6/29, Error ellipse: s-maj=10.7km s-min=4.7km az=177.0

DJA 28 20:42:06.4, 0.2, 7.5S, 2.12x9.2E, h140km, 4km, M4.8/31, mB5.3/24, mb0.5/31, ML5.5/218, Mw(mB)4.7/24

ISC 28 20:42:06.3, 0.3, 3.78S, 0.04x129.28E, 0.04, h150km, n146, 1196/158, mb4.3/26, 4d, Banda Sea

Table with columns: Code, Station Name, A, Z, Phase ID, Time, Res. Rows include SAUI, SAUI, SAUI, SAUI, BNDI, BNDI, FAKI, FAKI, SOEI, SOEI, SOEI, MTN, MTN, MTN, KMPI, KDU, BATI, BATI, BATI, SANI, SANI, SIJI, SIJI, SWI, LBMI, MMRI, MMRI, MMRI, RKPI, KNRA, KNRA, KNRA, TNTI, TNTI, SRPI, BASI, BKSI, KAPI, KAPI, GTOI, MRSI, SMPI, PLAI, PLAI, TOLJ, TWSI, JAY, JAY, WRAB, WRA, WRA, WRA, BBKI, JAGI, JAGI, JAGI, COEN, COEN, HTKI, MYLDM, QIS, MBWA, MBWA, MBWA, ASAR, ASAR, PSAA0, PSAA0, PSAA0.

2046

Table with columns: PSA00, WRKA, PMG, UGM, UGM, KKM, MANU, SBUM, CTA, KSM, KSM, GIRL, GIRL, OOD, LEM, MEEK, INKA, MULG, FORST, FORST, QLP, LCRK, KMBL, MORW, MORW, BLDU, GUMO, BB00, KLBK, STKA, STKA, MUN, HWT, NAWO, NAWO, NAWO, NAWO, NAWO, NAWO, YULB, YULB, CMAR, CRAI, CHTO, NJ2, NJ2, PZH, MJAR, KSRS, BTO, BTO, USRK, LSA, LSA, LSA, ASAJ, ODAN, TAPN, RAMN, JIRN, GUN, PKI, PKIN, KKN, DMN, GKN, KOLN, PYUN, HEH, SONM, WMQ, PETK, MKAR, ZALV, VNDA, SEY, KURB, KURK, MAW, BVAR, GEYT, NRIK, ABKAR, GSPA.



Table with columns: ELIB, Princess Elisa, 67.92 197, dPcP, PcP, 20 54 41.4 +0.8, etc.

NEIC 28 20:48:36.3±0.4, 35.675N, 0.009-97.39W, 0.01, h6km, 4km, Error ellipse: s-maj=1.8km s-min=1.3km az=102.0

TUL 28 20:48:35.7±0.4, 35.676N, 0.008-97.39W, 0.02, h5km, 3km, ML2.6, mb\_Lg2.5/8(NEIC), ML2.5/34(NEIC), Error ellipse: s-maj=1.7km s-min=1.2km az=95.0, Oklahoma

Main table for 2047 with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 28 21:02:52.8±1.2, 0.61S, 123.76E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=164.9km s-min=23.7km

DJA 28 21:02:56.4±0.3, 1°S, 3°12'E, h10km, M3.9/13, mb4.1/4, mb4.6/1, MLv3.8/13, Mw(MB)3.8/1

ISC 28 21:02:55.5±1.1, 0.47S, 108.12457E, 0.06, h10km, n13, r1548/13, mb3.4/4, Southern Molucca Sea

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

IDC 28 21:13:37.6±5.1, 29.71Sx178.56W, h0km, mb3.4/2, mbmp3.4/2, MS3.6/2, Error ellipse: s-maj=259.8km

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

NEIC 28 21:14:32.5±1.5, 36.70N, 0.02-98.61W, 0.02, h5km, 1km, Error ellipse: s-maj=3.1km s-min=2.4km az=323.0

TUL 28 21:14:32.9±1.1, 36.69N, 0.02-98.62W, 0.02, h7km, 1km, ML2.5, ML2.2/20(NEIC), Error ellipse: s-maj=3.1km

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

Table with columns: NOKA, Salt Plains WL, 0.34 71, Pg, Pg, 21 14 38.8 -0.8, etc.

SOME 28 21:25:04.2, 40.85N, 78.43E, h10km, KRNET 28 21:25:05.6±0.1, 40.90N, 78.46E, h19km, mb3.4

NNC 28 21:25:07.0±1.0, 40.94N, 78.41E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=6.9km s-min=4.4km az=164.0

ISC 28 21:25:07.9±1.0, 40.99N, 0.07-78.45E, 0.04, h10km, n70, r116/84, 25C-20D, Southern Xinjiang

Main table for 2017 SEP with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 28 21:25:02.8±1.2, 0.61S, 123.76E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=164.9km s-min=23.7km

DJA 28 21:02:56.4±0.3, 1°S, 3°12'E, h10km, M3.9/13, mb4.1/4, mb4.6/1, MLv3.8/13, Mw(MB)3.8/1

ISC 28 21:02:55.5±1.1, 0.47S, 108.12457E, 0.06, h10km, n13, r1548/13, mb3.4/4, Southern Molucca Sea

Main table for 2017 SEP with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Main table for 28d 21h with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

NEIC 28 21:26:28.4±2.3, 49.4N, 0.2-150.6E, 0.2, h336km, 12km, az=147.0

IDC 28 21:26:32.2±2.0, 49.53N, 150.43E, h368km, 29km, mb3.5/14, mbmp4.2/16, Error ellipse: s-maj=52.2km

s-min=18.5km az=138.0

ISC 28 21:26:29.3±0.7, 49.33N, 0.1x150.69E, 0.08, h350km, n62, r1544/62, mb3.9/25, Northwest of Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Bilibino, Sogino Array, Chirkofof Island, Kayak Island, Miner Creek, etc.

ICD 28 21:33:45.9-2.4, 39.96N-20:17E, h0km, mb3.5/5, s-min=21.5km az=38.0

TIR 28 21:33:47.0, 39.87N-20:00E, h0km, 1km, Md3.3, ML3.4, ATH 28 21:33:47.8, 39.89N-20:00E, h5km, 2km, ML3.1/8, Error ellipse: s-maj=2.3km s-min=1.1km az=138.0

THE 28 21:33:47.1, 39.87N-19.91E, h0km, 3km, ML3.1/9, Error ellipse: s-maj=4.2km s-min=0.6km az=282.0

NEIC 28 21:33:48.3-1.2, 39.91N-0:02:19.94E:0:06, h11km, 8km, ML3.3/6, Error ellipse: s-maj=6.6km s-min=2.7km az=94.0

NAO 28 21:34:00.3, 40.61N-17.91E, h33km, mb3.4

ISC 28 21:33:47.6-0.9, 39.84N-0:02:19.96E:0:02, h20km, 3km, n122, s129/146, mb3.5/4, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like KASSIOP, IGOUMNITSA, IGTO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like VLO, Viora, VLO, Viora, VLO, Viora, VLO, Viora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like VLO, Viora, VLO, Viora, VLO, Viora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like SKDS, SABO, SAKO, SOBOTH, OBKA, OBIR, etc.

ICD 28 22:05:02.4-1.5, 0:90N-126:87E, h0km, mb3.3/4, mbtm3.4/4, Error ellipse: s-maj=144.1km s-min=23.3km az=69.0

DJA 28 22:05:03.4-0.4, 1:13N:12:7E, h10km, M3.4/7, MLV3.4/7

ISC 28 22:05:04.8-2.3, 1:00N:0:1:127:5E:0:1, h10km, n9, c091/8, mb3.4/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like TNTI, TNTI, LBMI, SANI, NLAI, GTOI, WRA, etc.

ICD 28 22:12:02.8-1.5, 0:95N-126:76E, h0km, mb3.6/5, mbtm3.6/5, MS3.3/1, Error ellipse: s-maj=158.1km s-min=20.6km az=68.0

DJA 28 22:12:02.0-0.6, 1:15N:5:12:7E:1:0, h10km, M3.4/4, MLV3.4/4

ISC 28 22:12:03.5-1.1, 0:90N:0:1:127:1E:0:2, h10km, n8, c1994/7, mb3.6/5, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like TNTI, LBMI, WRA, ASAR, KRVT, SOMNI, etc.

ICD 28 22:28:35.2-1.1, 1:05N-127:33E, h0km, mb3.8/4, mbtm3.8/6, ML3.7/2, MS3.2/2, Error ellipse: s-maj=42.6km s-min=19.7km az=63.0

DJA 28 22:28:36.9-0.4, 1:13N:3:10:7E, h10km, M3.6/8, MLV3.6/8

ISC 28 22:28:37.3-1.3, 0:99N-127:49E:0:09, h10km, n12, c045/11, mb3.8/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like TNTI, TNTI, LBMI, SANI, SWRI, SIJI, etc.

ICD 28 22:38:20.4-0.2, 37:30N:0:8:145:3E:0:8, h45km, MV4.1/25, JMA 28 22:38:20.4-0.2, 37:30N:0:8:145:3E:0:8, h45km, MV4.1/25, Station Name OFF NORTH HONSHU, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like GTOI, KAPI, OFUJ, WRA, ASAR, BRDH, etc.

Table with columns: JIO, Ouri, 3.16 283 P, Pn, 22 39 09.4 +1.8, etc.

IDC 28 22:42:17.9-1.8, 6.49S; 130.49E; h112km, 16km, mb3.9/13, mtdmp4.7/18, Error ellipse: s-maj=13.9km s-min=11.9km

NEIC 28 22:42:18.1±1.8, 6.53S; 0.05±130.48E±0.06, h110km, 6km, mb4.4/24, Error ellipse: s-maj=8.3km s-min=7.8km

DJA 28 22:42:19.0±0.2, 7.52S±13.0E±1.1, h141km, 6km, M4.6/17, mb5.0/11, mb4.7/17, MLv4.9/14, Mw(mb)4.3/11

ISC 28 22:42:16.5±0.4, 6.65S; 0.04±130.54E±0.05, h100km, n85, ±189.90, mb4.3/19, Banda Sea

Main table for 2049 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: MAKZ, Makanchi, 68.33 326 P, P, 22 53 07.0 -0.1, etc.

comp=Z,4.1nm,0.7s

comp=Z,1.8nm,0.5s

comp=Z,1.6nm,0.5s

comp=Z,1.0nm,1.4s

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

IDC 28 22:47:10.0±0.5, 34.02S; 178.69W, h0km, mb4.7/14, mtdmp4.7/18, ML4.9, MS4.4/30, Error ellipse: s-maj=18.2km s-min=14.3km az=116.0

BJI 28 22:47:10.7±0.0, 33.51S; 178.00W, h14km, mb5.3/13, mb5.4/10, Ms5.1/1, Ms7.4/8.2

NEIC 28 22:47:11.8±2.0, 34.05S; 0.07±178.67W±1.1, h10km, 1km, mb5.1/59, Error ellipse: s-maj=15.0km s-min=11.0km

MOS 28 22:47:11.2±1.5, 33.99S; 178.78W, h10km, mb5.2/17, Error ellipse: s-maj=14.1km s-min=10.1km az=86.7

GCMT 28 22:47:12.8±0.2, 33.94S; 0.02±178.26W±0.02, h13km, MW5.0/91, Moment Tensor Solution, s60,c74; s91,c132; Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.28±.16; Mw=0.47±.1; Mw=2.81±.12; Mw=0.20±.29; Mw=1.26±.07; 124±0.25; Best double couple: M3.88200±.15; NP1=15.00000; δ61.00000; -1.81.00000; NP2=φ±213.00000; δ31.00000; A106.00000; Principal axes: T 3.8850, P1g73.0000, Azm262.0000; N -0.0060; P1g8.0000; Azm19.0000; P -3.8790, P1g15.0000; Azm11.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 28 22:47:12.0, 34.22S; 177.92W, h39km, mb5.2/39, South of Kermadec Islands

WEL 28 22:47:12.2±1.1, 34.34S; 177.8W, h17, h33km, M5.1/46, mb5.5/7, ML5.3/12, MLv5.2/46, Mw(mb)5.9/7, Error ellipse: s-maj=10.0km s-min=0.0km az=113.0 confirm=1.3

ISC 28 22:47:15.9±0.3, 34.07S; 0.05±178.63W±0.06, h37km, n388, ±186/380, mb5.1/63, MS4.6/33, 17C-2D, South of Kermadec Islands

Main table for 2017 SEP with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table with columns: PXZ, Pawani, 6.96 210 P, Pn, 22 48 54.8 -0.3, etc.

comp=Z,2.00nm,21.5s

comp=Z,2.0nm,0.3s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

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

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

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comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

comp=Z,2.00nm,21.5s

28d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRA, WBO, VWA, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like PEAOB, PETK, ISA, etc.

2050

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLMR, GNI, ZEI, etc.



28d 23h

Table with columns: CTA, ScP, ScP, 23 22 40.7 +2.5. Rows include stations like CTAW, Charters Tower, CTAO, Charters Tower, etc.

2017 SEP

Table with columns: KHLU, IAmB, IAmB, 23 19 28.8. Rows include stations like PUH, PUAHI, MLH, MAUNA LOA, etc.

2022

Table with columns: SBUM, SibU, 71.28 282, P, P, 23 21 48.6 -0.4. Rows include stations like SBUM, SibU, JOW, Kunigami, etc.

2053

Table with columns: ELIB, SP, dsP, sP, 23 25 24.8 +6.4, 23 22 19.4 -3.2, 23 22 48.1 +0.4, etc. Includes entries like Saint Paul Isl, McPherson Peak, Marconi Confer, etc.

2017 SEP

Table with columns: COYC, Iamb, Iamb, 23 23 00.2, 23 22 57.1 +0.1, 23 22 57.5 +0.5, etc. Includes entries like Sitkinak Isl, Sitkinak Islan, Orville, etc.

28d 23h

Table with columns: SYI, Iamb, Iamb, 86.25 14, 86.25 288, 86.25 276, etc. Includes entries like Shuyak Island, Nakonayok, Meulaboh, etc.





2055

Table with columns: DRO, Del Rio, 93.14, 59, Iamb, Iamb, 23 23 42.5, etc. Lists various locations and their associated data points.

2017 SEP

Table with columns: BRLDA, Berland Lookou, 95.15, 32, Iamb, Iamb, 23 23 51.1, etc. Lists various locations and their associated data points.

28d 23h

Table with columns: MK31, Makanchi Array, 113.03, 312, PKIKP, PKIKP, 23 28 59.2, etc. Lists various locations and their associated data points.

28/23h

Table with columns for station code, name, frequency, power, polarization, and status. Includes stations like G65A Princenton, G65A baz=266, ABR01 Abrolhos, BA, etc.

Table with columns for station code, name, frequency, power, polarization, and status. Includes stations like MOS comp=Z,4.3nm,0.9s, VRH Novokhoporsky, FINES FINES Array B, etc.

2017 SEP

Table with columns for station code, name, frequency, power, polarization, and status. Includes stations like BSD Bornholm Skovb, DRUM Mains Drum, KARARA Karailai, etc.

2056

Main table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR+7.2, SNR-6.4, etc.).

28th 23h

Table with columns: ARF, ZGR, FIGM, TAM, TAM, ARF, ZGR, FIGM, TAM, TAM. Includes station names like Zgora, Fuguig, Tamnrasset, Tamnrasset and various numerical values.

AEIC 28.23:16:40.6:2.7, 51.38N, 0.04:175.53W, 0.07, h5km, 4km, Error ellipse: s-maj=6.7km s-min=5.8km az=214.0
NEIC 28.23:16:44.6:2.1, 51.56N, 0.08:175.64W, 0.07, h42km, 8km, mb4.4/111, ML4.4(AEIC), Error ellipse: s-maj=12.0km s-min=5.9km az=167.0
IDC 28.23:16:45.9:2.8, 51.63N, 175.60W, h59km, 23km, mb3.9/25, mbmp4.2/29, ML3.8/4, MS3.8/16, Error ellipse: s-maj=20.7km s-min=11.5km az=171.0
ISC 28.23:16:44.5:0.5, 51.52N, 0.07:175.60W, 0.03, h47km, h448, r1940/437, mb4.4/57, MS3.8/13, 2D, Andreanof Islands

Main station list table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like Igitkin Island, Great Sitkin M, Great Sitkin C, etc.

2017 SEP

Main station list table for 2017 SEP with columns: L19K, Iamb, Iamb, 23 20 29.4, etc. Lists stations like White Mountain, Talatina, Talatina, etc.

2058

Main station list table for 2058 with columns: BMRM, Bremer River, MDM, Murphy Dome, CCB, Clear Creek Bu, H23K, Yukon River, etc.

Table with columns for station name (DAWY Dawson, M29M Somme Creek, etc.), time (22.64, 22.66, etc.), frequency (42, 47, etc.), and other parameters (P, I, A, M, B, etc.).

Table with columns for station name (PDAR Pinedale Array, RSSD Black Hills, M29M Somme Creek, etc.), time (44.35, 46.85, etc.), frequency (74, 69, etc.), and other parameters (P, I, A, M, B, etc.).

Table with columns for station name (CLTN comp=Z,6.2nm,0.8s, MCWV Mont Chateau, etc.), time (63.39, 63.58, etc.), frequency (59, 55, etc.), and other parameters (P, I, A, M, B, etc.).

IDC 28 23:21:29.1+10.0, 17:13S-173:97W, h0km, mb3.8/3, mbtm3.8/3, Error ellipse: s-maj=457.9km s-min=39.1km az=140.0, Tonga Islands

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

IDC 28 23:33:32.4-5.5, 49:53N-147:86E, h596km, 70km, mb2.9/12, mbtm3.8/12, Error ellipse: s-maj=22.2km s-min=16.3km az=87.0

ISC 28 23:33:31.5+1.0, 49:55N:02:147:9E:02, h583km, n13, 0540/13, mb3.2/12, Sea of Okhotsk

Table with columns for Code, Station Name, Time, Res, and other parameters. Includes stations like ILAR Eielson Array, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

JMA 28 23:43:47.4-0.3, 38:0N-170:144E, h44km, MV3.7/26, FAR E OFF NORTH HONSHU, Off east coast of Honshu

28d 23h

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, HSC. Rows include stations like IJHK Ishinomakikobu, IJHU Ofunato, IJKT Kesennumamotoy, etc.

IDC 28.23:56:51.9,0.6,19.16N;144.87E,h0km,mb4.3/20, mbmp4.3/22,ML3.7/2,MS3.7/54,Error ellipse: s-maj=22.4km s-min=12.4km az=82.0

GCMT 28.23:56:54.6,0.3,19.07N;144.84E,0.03,h17km,1km,MW4.8/9,Moment Tensor Solution, s20,c20, s89,c113; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.12e16; Mw=0.53e09; Mw-1.59e11; Mw-0.20e28; Mw-0.36e05; Mw-0.36e24; Best double couple: M1:9.55000e1016

NP1:161.00000e0,851.00000e1,-92.00000e0; NP2: 0.345.00000e0,839.00000e0,-87.00000e0; Principal axes: T: 1.7450,Plg6.0000e0; Azm252.0000e0; N: 0.4210,Plg2.0000e0; Azm162.0000e0; P: -1.650,Plg84.0000e0; Azm55.0000e0; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUI 28.23:56:56.4,0.0,18.71N;144.30E,h22km,mb4.8/32, mb5.0/14,Ms4.3/5,Ms7.4/0.6

NEIC 28.23:56:56.6,1.4,19.06N;144.8E,0.1,h24km,5km, mb4.9/170,Error ellipse: s-maj=16.7km s-min=11.0km az=84.0

ISC 28.23:56:57.0,0.4,19.06N;144.77E,0.08,h35km,n518, o588/468,mb4.8/110,MS3.7/53,2C,Mariana Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, HSC. Rows include stations like GUMO Guam, JHJ2 Mitsun, JHJ Hachiojima 2, JOW Kunigami, etc.

2017 SEP

Table with columns: HHC, pmax, pmax, comp-Z,170nm,5.0s, etc. Rows include stations like BATI Baunata, HIA Hailar, CD2 Chengdu, etc.

2060

Table with columns: I17K Unalakeet, MAK2 Makanchi, O17K Koliganek Brs, etc. Rows include stations like I17K Unalakeet, MAK2 Makanchi, O17K Koliganek Brs, etc.

2061

Table with columns: Station ID, Name, Time, Day, Status, and other details. Includes stations like C21K Knifblade Rid, TRF Thorofare Moun, E21K Killik River, etc.

2017 SEP

Table with columns: Station ID, Name, Time, Day, Status, and other details. Includes stations like L26K Log Cabin Wild, M26K Nakana, AK, J26L Joseph Creek, etc.

28d 23h

Table with columns: Station ID, Name, Time, Day, Status, and other details. Includes stations like INK Inuvik, P32M Atlin, P33M Teslin Yukon, etc.

29d 1h

Table of station data for 29d 1h, including columns for call sign, frequency, power, and location. Includes stations like ELK, LRMC, KRBZ, FURC, WCT, BFCF, QSM, GWN, TPNV, R11B, R11B, BOZ, S11A, GSC, GSC, FINES, YHL, HEC, PRN, PRN, HVU, TUQ, ID07, SHPR, PFO, TPFO, YNR, SPUT, IMW, PSUT, GMRC, FXWY, BELC, FLWY, MONP2, DUG, DUG, YMP, MOOW, V12A, IKP, HWUT, RLMT, BC3, IRM, GUR0, LCMT, KNB, PDMCI, PDAR, LAO, U15A, CASY, WUAZ, WUAZ, 214A, 214A, O20A, N23A, TUCO, ISCO, ULM, ANMO, ANMO, 121A, T25A, TXAR, TORD, LPAZ.

2017 SEP

Table of station data for 2017 SEP, including columns for call sign, frequency, power, and location. Includes stations like ALS, ALS, WCKO, WCKO, WDLH, WHYT, WHYT, CHN4, CHY, TPUB, SSSL, SSSL, TWK, TYC, WVDT, WVDT, CHGB, ESL, TAP 29 00:14:54.4, STYT, STYH, STYH, WTP, WTP, TPUB, TPUB, CHN1, CHN1, SLGT, SLGT, SNST, SNST, CHN4, CHN4, ALS, ALS, IDC 29 00:15:11.8, URZ, URZ, ASAR, WRA, FINES, DMN, DMN, IDC 29 00:45:16.0, Code, DANN, GUN, GUN, JIRN, DMN, PKIN, PKI, YAPN, RAMN, MKAR, MKAR, CMAR, KURBB, ZALV, SONMI, BVAR, JUNU, FINES, NOA, WRA, ASAR, ILAR.

2062

Table of station data for 2062, including columns for call sign, frequency, power, and location. Includes stations like TORD, TORD, ECX 29 00:52:59.1, MEX 29 00:52:59.5, Code, SPIG, VTX, VTX, VTX, ECXB, ECXB, SV2X, SV2X, SJJX, SJJX, SJJX, SJJX, SOX, ALAMX, ALAMX, ALAMX, ALAMX, ALAMX, ALAMX, RHX, PBX, PBX, CBX, CBX, CBX, CBX, RMX, RMX, YUH2, IKP, TJIJ, TJIJ, BAR, BAR, NOU 29 00:56:29.1, RTV, LIFNC, YATNC, HOUJ, ONTC, OUENC, IDC 29 00:59:35.8, WEL 29 00:59:40.2, Code, WMGZ, PKGZ, PKGZ, HAZ, HAZ, PUZ, PUZ, RUGZ, RUGZ, TWGZ, TWGZ, CNMG, CNMG, MWZ, MWZ, KUZ, KUZ, URZ, URZ, URZ, URZ, RAGZ, RAGZ, OPRZ, OPRZ, NGZ, NGZ, MHGZ, MHGZ, TOZ, TOZ, ASAR, ASAR, WRA, WRA, FINES, SKHL, JMA 29 07:11.3, Code, KUR, KUR, KUR, KUR, SHO, SHO, SHO, SHO, SHO, SHO, YUK, YUK, YUK, YUK, NEMZ, NEMZ, NMR, NMR, JRA, JRA, JNSB, JNSB, JKHN, JKHN, JAK, JAK, JAR, JAR, JAR.



2063

Table with columns: JCH, Churui, 3.78 243 eP, Pn, 01 08 06.3 +0.9, 01 08 47.1 -2.1. Includes text: IDC 2011:22:34.0,0.6,52.06N,169.89W,h0km,mb4.6/33, mbtmp4.6/36,ML4.4/3,MS4.6/70,Error ellipse: s-maj=17.2km s-min=10.7km az=175.0, NEIC 2011:22:35.8,2.4,51.38N,0.07:169.97W,h0km,1km, mb4.9/289,ML4.3/6,ML4.4(AEIC),Error ellipse: s-maj=14.2km s-min=9.9km az=148.0, AEIC 2011:22:36.5,2.7,51.86N,0.07:169.86W,0.09,h16km,4km, Error ellipse: s-maj=11.5km s-min=6.4km az=151.0, BUJ 2011:22:37.0,0.0,52.28N:170.33W,h23km,mb5.0/65, mb5.3/50,Ms5.1/63,Ms7.4/9.59, GCMT 2011:22:39.8,0.1,51.81N,0.01:169.89W,0.02,h16km, MW5.3/138,Moment Tensor Solution. s100,c157, s138,c253; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn:0.83c:0.2; Mbb:0.68c:0.1; Mbb:0.15c:0.1; Mno:9.7c:0.5; Mbb:0.28c:0.1; Mno:0.07c:0.4; Best double couple: Mo1.26900x1017, NP1.3e11,0.0000,0.870.00000, 1.99.00000, NP2.3e11,0.0000,0.822.00000, 1.63.00000. Principal axes: T 1.3000, Plg64.0000, Azm1.0000; N -0.0790, Plg9.0000; Azm258.0000; P -1.2300, Plg25.0000; Azm164.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function BGR 2011:22:43.0,52.33N:167.98W,h33km,mb5.0 ISC 2011:22:39.1,0.5,52.04N,0.06:169.98W,0.03,h32km,2km, h32km:pp-P.n856,c1924/737,mb6.9/211,MS4.7/103, 14C-13D, Fox Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Lists stations like CLCO, CLCO, CLES, CLES, CLES, NIKH, NIKH, NIKH, NIKH, OKKE, OKNC, OKNC, OKER, KOSE, KOSE, KOPF, MAPS, MGOD, ATKA, ATKA, ATKA, AKSA, AKSA, GSMY, GSTR, GSTR, GSKC, KIWB, KIALS, TAPA, TAFP, SP1A, SP1A, SP1A, GANE, PNFA, S12K, S12K, CEAP, CEAP, SDPT, SDPT, AMKA, CNBA, CHNA, S14K, S14K, VNFG, CHGN, CHGN, O14K, O14K, N14K, M13K, O15K, CHIR, R17K, P16K, SHEM, SHEM, M14K, N15K, Q16K, M15K, O16K, L14K, Q17K, S11K, S11K, K13K, P17K, N16K, R18K, O17K, Q18K.

2017 SEP

Table with columns: M16K, N17K, P18K, P18K, K15K, L16K, J14K, O18K, O18K, K2AK, K2AK, K2AK, K2AK, Q19K, Q19K, M17K, N18K, N18K, GAMB, L17K, Q20K, SYI, P19K, N19K, N19K, J16K, K17K, L18K, O20K, RSO, J17K, ANM, I17K, CNPM, M19K, L19K, L19K, BRLL, TTA, BRSE, H16K, G15K, N20K, SPCR, J18K, M20K, G16K, S16K, F15K, O22K, O22K, SKT, SUA, SUA, K20K, J19K, RC01, G17K, PPLA, H18K, M22K, J20K, J20K, P20K, CAST, PMR, P23K, KNK, KNK, CHUM, H19K, SML, F18K, M23K, H20K, BPW, SCM, SCM, WAT1, EYAK, WAT6, F19K, MCK, E18K, KLU, KLU, H21K, M24K, M24K.

29d 1h

Table with columns: M24K, DHY, MLY, BMRM, NEA2, F20K, E19K, G21K, BERG, N25K, N25K, H22K, I23K, HARP, CCB, CRQE, COLA, HDA, H23K, F21K, K24K, MCARA, ILAR, POKR, D19K, G22K, MESA, E20K, RIDG, G23K, M26K, H24K, F22K, J25K, L26K, D20K, CTG, SCRR, COLD, LOGN, E21K, M27K, M27K, PINM, PRP, PRP, E22K, G24K, J26L, J26L, O28M, L27K, L27K, BCAR, BCAR, BCAR, C21K, PNL, PNL, YUK3, H25L, D22K, K27K, YUK8, E23K, F24K, G25K, B21K, I26K, FYU, FYU, E24K, O29M, O29M, O29M, D23K, TOLK, TOLK, YUK4, YUK6, P29M, P29M, PEA0B, PEA0B, PETK, PETK, F25K, I27K, G26K, G26K.

29d 1h

Table with columns: Station ID, Name, Comp, Z, SNR, Az, El, P, S, T, R, etc. Includes stations like M29M, M29M, HYT, etc.

2017 SEP

Table with columns: Station ID, Name, Comp, Z, SNR, Az, El, P, S, T, R, etc. Includes stations like WTLY, TGTN, LIRD, etc.

2064

Table with columns: Station ID, Name, Comp, Z, SNR, Az, El, P, S, T, R, etc. Includes stations like BELC, IRM, K22A, etc.

2065

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like AMTX, G4TX, ULN, KSU1, SCIA, SONM, etc.

2017 SEP

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like NJ2, TIY, TIY, TIY, etc.

29d 1h

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

Table with columns for DMB/TKD codes, names, times, and other parameters. Includes entries like Dombas, Taldyqorghan, Rauma, NORSAR Subarra, etc.

Table with columns for AKASG codes, names, times, and other parameters. Includes entries like Malin Array Be, Gumba, Jiri, Mont Zduamac, etc.

Table with columns for MOTA/WATA codes, names, times, and other parameters. Includes entries like Moosalm, Walderalm, Marri, DAVA, Wattenberg, etc.

Table with columns: TOR, TORDi, Ar, Bea, 114.69, 9, PKP, PKIKP, 01 41 15.0 -1.3, comp=Z, 0.5nm, 0.8s, baz=309, slow=0.9, SNR=1.9, etc.

DDA 29 01:24:31.5 0.0, 38.84N, 26.45E, h7km, 4km, ML2.1
ISK 29 01:24:31.9, 38.84N, 26.45E, h13km, ML2.5/1.1
THE 29 01:24:32.7, 38.84N, 26.40E, h8km, 1km, ML2.1/7, Error ellipse: s-maj=2.1km s-min=0.6km az=305.0

Main table for 2067 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KARB, LESV, RFTS, etc.

IDC 29 01:26:40.2 0.8, 52.04N, 170.01W, h0km, mb4.2/2d, mbmp4, 2/26, ML4.2/2, Error ellipse: s-maj=22.6km s-min=15.6km az=170.0
AEIC 29 01:26:43.1 2.7, 51.85N, 0.08, 169.85W, 0.10, h21km, 5km, Error ellipse: s-maj=14.2km s-min=3.9km az=145.0
NEIC 29 01:26:45.8 1.8, 52.1N, 0.1, 170.0W, 0.1, h32km, 6km, mb4.4/30, ML3.8/6, ML3.9(AEIC), Error ellipse: s-maj=15.8km s-min=6.7km az=154.0
ISC 29 01:26:44.4 0.5, 51.93N, 0.08, 169.98W, 0.05, h29km, n145, r111/144, mb4.4/38, Fox Islands

Table for 2067 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like CLCO, CLES, NIKH, etc.

Table for 2017 SEP with columns: GSKC, Great Sitkin C, 3.89 274, Pn, 01 27 42.6 +0.4, etc.

DDA 29 01:24:31.5 0.0, 38.84N, 26.45E, h7km, 4km, ML2.1
ISK 29 01:24:31.9, 38.84N, 26.45E, h13km, ML2.5/1.1
THE 29 01:24:32.7, 38.84N, 26.40E, h8km, 1km, ML2.1/7, Error ellipse: s-maj=2.1km s-min=0.6km az=305.0

Main table for 2017 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like GSKC, WKBW, ISLZ, etc.

Table for 29d 1h with columns: KK31, comp=Z, 2.5nm, 0.6s, Iamb, Iamb, 01 28 05.1, etc.

NEIC 29 01:27:15.9 0.9, 38.93N, 0.01, 111.93W, 0.02, h11km, 8km, Error ellipse: s-maj=2.5km s-min=0.5km az=50.0
LUSS 29 01:27:16.0 1.2, 38.92N, 0.03, 111.94W, 0.03, h11km, 6km, ML2.5/10, ML2.5/92(NEIC), Error ellipse: s-maj=4.8km s-min=2.5km az=132.0, Utah

Main table for 29d 1h with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like WCU, WCU, OWUT, etc.

29d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RDMU, U15A North Rim, HWUT Hardware Ranch, PRN Pahroc Range, R11B Troy Canyon, etc.

MEX 29 01:45:39.4+0.8, 15:07N:93.64W, h32km, 10km, MD4.2
IDC 29 01:45:44.9+2.2, 15:48N:93.16W, h99km, 62km, mb3.2/3,
mbtmp3.5/4, ML3.6/1, MS3.2/2, Error ellipse:
s-maj=106.3km s-min=46.6km az=166.0
ISC 29 01:45:38.0-1.2, 15:12N:100.06E:93.59W, 0.03, h47km, 15km,
n26, c2538/45, mb3.6/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCIG Arriaga, PATR El Naranjo, PAVE Pavencul, CHUJ Union Juarez, etc.

SOME 29 01:51:22.3, 40.90N:74.03E, h15km
KRNET 29 01:51:22.2, 40.1, 40.92N:74.06E, h18km, mb3.7
NNC 29 01:51:24.8, 1.1, 41.03N:74.08E, h0km, mb4.2, mpv4.0,
Error ellipse: s-maj=7.4km s-min=4.4km az=15.0
KRNET 29 01:51:25.2, 0.5, 41.10N:74.10E, h3km, 2km, m13.2, Error
ellipse: s-maj=3.7km s-min=3.0km az=55.0
ISC 29 01:51:22.5, 1.2, 40.95N:0.03:74.03E, 0.02, h1km, 10km,
n73, c1939/104, 40C-30D, Kyrgyzstan-Xinjiang border
region

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, AML Almayashu, AML Almayashu, AML Almayashu, etc.

2068

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNSS Tian-Shan, TNSS Tian-Shan, KOTS 61nm, 0.4s, KOTS 38nm, 0.5s, etc.

NEIC 29 01:53:42.3, 1.1, 5.4S:0.3, 148.1E:0.1, h143km, 23km,
mb4.1/1.1, Error ellipse: s-maj=52.4km s-min=11.2km
az=163.0
IDC 29 01:53:43.1, 2.6, 5.37S:148.15E, h156km, 23km, mb3.5/3,
mbtmp4.1/6, Error ellipse: s-maj=44.4km s-min=19.5km
az=129.0
ISC 29 01:53:43.9, 0.8, 5.5S:0.1, 148.2E:0.1, h167km, n27,
c212/30, mb4.0/8, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT Karavat (AS076), PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, INKA, ARMA, CAN, etc.

IDC 29 01:56:11.2,3.8,8.50S:-117.76E,h184km,32km,mb3.2/3, mbtmp3.8/5, Error ellipse: s-maj=88.7km s-min=14.0km az=46.0, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI, WRA, ASAR, MKAR, etc.

DDA 29 02:04:18.0,0.0,41.15N:-34.52E,h8km,1km,ML2.7 ISK 29 02:04:18.1,4.16N:-34.53E,h4km,ML2.9/19

ISC 29 02:04:17.5,0.9,41.18N:0.02:-34.51E:0.02,h13km,5km, n37,c672/57, Turkey

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAGI, BOYA, TOS, etc.

IDC 29 02:17:38.2,2.7,35.92N:141.64E,h0km,mb3.6/2, mbtmp3.4/3,ML2.3/1, Error ellipse: s-maj=56.7km, s-min=31.0km az=51.0

JMA 29 02:17:40.2,0.3,36.0N:0.8:14.2E:1.1,h47km,4km, MV2.9/30, FAR E OFF IBARAKI PREF

ISC 29 02:17:41.3,1.5,35.98N:0.08:141.7E:0.1,h26km,n16, c1959/11, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHYU, JHO, JYT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N2, H11N1, H11N3, etc.

GCG 29 02:23:00.1,0.4,13.91N:-91.74W,h112km,5km,MD3.8 SNET 29 02:23:05.9,0.9,14.12N:-91.38W,h12km,999km,ML4

ISC 29 02:23:07.3,5.1,13.8N:0.2:-91.7W:0.2,h78km,29km,n1.4, c1925/19, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SULLM, SULLM, STG3, etc.

IDC 29 02:23:12.8,3.0,36.74N:141.83E,h0km,mb3.5/3, mbtmp3.4/4,ML2.4/1, Error ellipse: s-maj=72.7km s-min=35.5km az=57.0

JMA 29 02:23:14.3,0.3,36.0N:0.7:14.2E:1.1,h34km,MV3.1/29, FAR E OFF IBARAKI PREF

ISC 29 02:23:13.4,1.7,36.02N:0.09:141.8E:0.1,h23km,n16, c19109/13,mb3.5/3, Near east coast of eastern Honshu

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

IDC 29 02:31:44.0,0.7,35.91N:141.79E,h0km,mb4.1/18, mbtmp4.1/24,ML3.7/6,MS3.5/16, Error ellipse: s-maj=16.9km s-min=15.7km az=90.0

JMA 29 02:31:45.8,0.3,36.0N:0.8:14.2E:1.1,h23km,MD4.5/33, MV4.1/33, FAR E OFF IBARAKI PREF

NIED 29 02:31:45.8,35.99N:141.85E,h23km,MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15

MOS 29 02:31:47.3,1.0,36.04N:141.80E,h33km,mb4.6/18 Error ellipse: s-maj=13.2km s-min=7.0km az=121.9

NEIC 29 02:31:49.9,2.5,35.90N:0.06:141.8E:0.1,h40km,8km, mb4.4/14, Error ellipse: s-maj=15.1km s-min=8.3km az=72.0

ISC 29 02:31:45.4,1.7,35.98N:0.05:141.81E:0.05,h7km,gkm, n124,c19444/112,mb4.3/33,MS3.6/18, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHU, JHO, JYT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOU, MJAR, MAJO, etc.

JSD JGF Kuroka 3.50 307 Pn 02 32 43.8 +3.5

ASAJ JTM Tenmabayashi 4.83 353 Pn 02 32 46.6 +0.2

JCJ Chichijima 8.86 178 Pn 02 33 47.9 -6.0

JNU Nakatsue 9.46 256 Pn 02 34 02.8 +0.7

YSS Yuzh-Sakhalins 10.99 3 eP 02 34 23.0 +0.1

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.1 +3.4

USR09 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

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USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

USR08 Ussuriysk Arra 11.13 321 Pn 02 34 26.5 +1.7

29d 4h

Table of station data for 29d 4h, including columns for station name, coordinates, time, and other parameters.

Table for IDC 29 02:35:48.8-1.6, 48.54N; 152.28E, h0km, mb3.4/3, mbtm3.4/4, ML2.4/1, Error ellipse: s-maj=51.7km...

Table for IDC 29 02:51:01.8-3.0, 33.92S; 178.74W, h0km, mb3.9/2, mbtm3.9/3, ML3.8/1, Error ellipse: s-maj=70.5km...

Table for IDC 29 03:03:23.1-3.3, 0.77N; 121.57E, h0km, mb3.8/3, mbtm3.9/3, Error ellipse: s-maj=185.4km...

Table for IDC 29 03:03:57.9-1.2, 0.3S; 122.0E, h250km, n7, g=67710, mb3.6/3, Minihassa Peninsula, Sulawesi...

2017 SEP

Main table of station data for 2017 SEP, including columns for station name, coordinates, time, and other parameters.

Table for GCG 29 03:59:48.5-3.4, 15.91N; 96.45W, h9km, 999km, MD5.2, MOS 29 04:00:18.3-1.0, 14.91N; 94.08W, h1km, mb5.8/48, MS3-4/30, Error ellipse: s-maj=7.2km...

2070

Table of station data for 2070, including columns for station name, coordinates, time, and other parameters.



Table with columns: Station ID, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, and other technical data. Includes stations like UPD2 Meteti, 346A Big Creek Wild, 237A Washetta, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, and other technical data. Includes stations like MIAR Mount Ida, GR1C Gorgona, X37A Clayton, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, and other technical data. Includes stations like ORTC Ortega, LNXT Lenox, OK048 Pawnee Station, etc.

29d 4h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U49A Red Boiling Sp, T47A Sharon Grove, V52A Sevierville, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like OLIL Olney, W18A Petrified Fore, S51A Beattyville, etc.

2022

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q52A Bidwell, Q52A, PDMC Parker Dam, etc.

MWV	Mont Chateau	27.83	24	P	P	04 06 08.1 -0.4
L44A	Lake County Fo	27.86	10	Iamb	Iamb	04 06 08.2
L44A	Lake County Fo	27.86	10	P	P	04 06 08.5 -2.1
L44A	Lake County Fo	27.86	10	P	P	04 06 07.8 -0.9
N23A	Red Feather La	27.95	341	Iamb	Iamb	04 06 24.1
N23A	Red Feather La	27.95	341	P	P	04 06 11.0 +1.1
MURC	Murrieta	27.98	316	P	P	04 06 11.1 +1.2
L46A	Eue Claire	28.00	13	P	P	04 06 08.3 -1.7
K31A	O'Neill	28.02	353	P	P	04 06 11.2 +1.0
N51A	Ashland	28.03	19	P	P	04 06 09.2 -1.1
N51A				P	P	04 06 09.2 -1.1
O20A	White River Ci	28.07	337	Iamb	Iamb	04 06 32.1
O20A	White River Ci	28.07	337	P	P	04 06 12.5 +1.6
MTPU	Mount Pierson	28.09	329	P	P	04 06 11.9 +0.6
PHWV	Pilot Hill	28.17	342	Iamb	Iamb	04 06 14.8
HEC	Hector, Ludlow	28.18	319	P	P	04 06 13.9 +2.2
BBRC	Big Bear Solar	28.20	318	P	P	04 06 14.6 +2.5
JFWS	Jewell Farm	28.26	6	Iamb	Iamb	04 06 12.2
JFWS	Jewell Farm	28.26	6	P	P	04 06 10.3 -2.0
JFWS	Jewell Farm	28.26	6	P	P	04 06 11.2 -1.0
M50A	Fremont	28.27	18	IAMS_20	IAMS_20	04 19 17.7
K43A	Burlington	28.30	9	Iamb	Iamb	04 06 12.1
K43A	Burlington	28.30	9	P	P	04 06 11.3 -1.3
TUQ	Turquoise Mountain	28.31	321	P	P	04 06 14.0 +1.0
L48A	N Adams	28.38	16	Iamb	Iamb	04 06 12.9
L48A	N Adams	28.38	16	P	P	04 06 11.2 -2.1
L48A	N Adams			P	P	04 06 11.2 -2.1
N53A	Lisbon	28.45	22	Iamb	Iamb	04 06 14.7
N53A	Lisbon			IAMS_20	IAMS_20	04 19 25.5
N53A	Lisbon	28.45	22	P	P	04 06 13.1 -0.9
N53A	Lisbon			P	P	04 06 13.1 -0.9
P18A	Preston Nutter	28.46	333	Iamb	Iamb	04 06 34.3
SC12	San Clemente I	28.55	314	P	P	04 06 16.8 +1.8
RRX	Edison Barstow	28.63	318	P	P	04 06 17.4 +1.7
BFC	Mount Baldy Ra	28.67	317	P	P	04 06 17.5 +1.3
GSC	Goldstone, Bar	28.77	319	P	P	04 06 19.1 +2.1
FMP	Fort Macarthur	28.79	315	P	P	04 06 19.2 +2.2
SHOC	Shoshone, Teco	28.83	321	P	P	04 06 19.7 +2.2
PAMR	Moraine State	28.84	23	P	P	04 06 16.8 -0.7
PABK	Blue Knob Stat	28.86	25	P	P	04 06 15.3 -2.4
AAM	Ann Arbor	28.92	16	Iamb	Iamb	04 06 17.9
AAM	Ann Arbor	28.92	16	P	P	04 06 15.9 -2.2
AAM	Ann Arbor	28.92	16	P	P	04 06 16.7 -1.4
M52A	Chesterland	28.93	20	Iamb	Iamb	04 06 18.3
M52A	Chesterland	28.93	20	P	P	04 06 16.2 -2.0
M52A	Chesterland			P	P	04 06 16.2 -2.0
ECSD	EROS Data Cent	28.93	356	Iamb	Iamb	04 06 18.9
ECSD	EROS Data Cent	28.93	356	P	P	04 06 16.9 -1.4
ECSD	EROS Data Cent	28.93	356	P	P	04 06 17.9 -0.4
PASC	Pasadena Art C	28.98	316	IAMS_20	IAMS_20	04 17 32.0
M53A	WI Miller and	29.07	21	Iamb	Iamb	04 06 44.4
M53A	WI Miller and			IAMS_20	IAMS_20	04 20 02.8
M53A	WI Miller and	29.07	21	P	P	04 06 17.6 -1.8
RWWY	Rawlins	29.07	340	IAMS_20	IAMS_20	04 18 37.1
DECC	Green Verdugo	29.13	316	P	P	04 06 21.0 +0.8
I37A	Lemond, Waseca	29.16	1	P	P	04 06 18.9 -1.4
I37A	Waseca	29.16	1	P	P	04 06 18.9 -1.3
140A	Norwalk	29.19	5	P	P	04 06 20.5 0.0
PCRV	Puerto La Cruz	29.27	96	LR	LR	04 19 43.9
EDW2	Edwards Art Fo	29.28	317	P	P	04 06 22.6 +1.1
I42A	Draeger Farm,	29.38	8	Iamb	Iamb	04 06 22.0
I42A	Draeger Farm,	29.38	8	P	P	04 06 21.1 -1.1
SNCC	San Nicolas Is	29.38	313	P	P	04 06 23.8 +1.4
MPU	Maple Canyon	29.39	332	P	P	04 06 23.4 +0.8
BSUT	Blindstream Ca	29.43	334	Iamb	Iamb	04 06 41.3
LRMC	Laurel Mtn Rad	29.44	319	P	P	04 06 25.0 +1.9
ALLY	Alleghey Colle	29.44	22	Iamb	Iamb	04 06 24.3
ALLY	Alleghey Colle			IAMS_20	IAMS_20	04 20 05.7
ALLY	Alleghey Colle	29.44	22	P	P	04 06 23.6 +0.8
SSPA	Standing Stone	29.46	26	P	P	04 06 21.8 -1.1
SSPA	Standing Stone	29.46	26	IAMS_20	IAMS_20	04 19 15.8
SSPA	Standing Stone	29.46	26	P	P	04 06 21.3 -1.7
SSPA	Standing Stone	29.46	26	P	P	04 06 21.2 -1.7
J47A	Sumner	29.50	14	P	P	04 06 22.5 -0.8
J47A	Sumner			P	P	04 06 22.5 -0.8
TPNV	Topopah Spring	29.52	322	Iamb	Iamb	04 06 35.0
TPNV	Topopah Spring	29.52	322	P	P	04 06 26.2 +2.5
FURC	Furnace Creek,	29.56	321	P	P	04 06 25.9 +2.0
OSI	Ostio Audit, C	29.60	316	P	P	04 06 26.3 +1.9
K50A	Casco	29.65	17	P	P	04 06 23.1 -1.5
K50A	Casco			IAMS_20	IAMS_20	04 20 10.3
MPMC	Manual Propoc	29.68	320	P	P	04 06 26.9 +1.7
S11A	Rachel	29.70	324	Iamb	Iamb	04 06 46.6
K22A	Casper	29.72	342	Iamb	Iamb	04 06 43.2
K22A	Casper	29.72	342	P	P	04 06 26.5 +1.0
K22A	Casper	29.72	342	P	P	04 06 27.5 +2.0

SUSD	Miller	29.84	353	P	P	04 06 25.9 -0.4
SUSD	Miller	29.84	353	P	P	04 06 27.5 +1.2
SC2Z	Santa Cruz Isl	29.87	314	P	P	04 06 27.7 +1.0
ERPA	Erie	29.91	22	IAMS_20	IAMS_20	04 20 12.0
ERPA	Erie	29.91	22	P	P	04 06 25.1 -1.9
ARVC	Arvin	29.97	317	P	P	04 06 30.4 +2.8
ISA	Isabella, Lake	30.06	318	P	P	04 06 31.1 +2.6
ISA	Isabella, Lake	30.06	318	P	P	04 06 31.1 +2.6
ISA	Isabella, Lake			pmax	pmax	04 09 30.6
ISA	Isabella, Lake	30.06	318	P	P	04 06 30.7 +2.3
DUG	Dugway, Tooele	30.08	331	Iamb	Iamb	04 06 32.6
DUG	Dugway, Tooele			IAMS_20	IAMS_20	04 18 15.5
DUG	Dugway, Tooele	30.08	331	P	P	04 06 30.8 +2.2
R11B	Troy Canyon, C	30.11	325	P	P	04 06 31.0 +2.0
SBC	Santa Barbara	30.17	315	P	P	04 06 32.3 +3.0
GRAC	Grapevine Rang	30.21	321	Iamb	Iamb	04 06 46.5
GRAC	Grapevine Rang	30.21	321	P	P	04 06 33.0 +3.2
CWC	Cottonwood Cr	30.29	320	P	P	04 06 31.5 +0.8
SPMN	Marine on St.	30.38	2	P	P	04 06 29.7 -1.3
RSSD	Black Hills	30.42	346	P	P	04 06 32.1 +0.5
RSSD	Black Hills	30.42	346	P	P	04 06 32.1 +0.5
RSSD	Black Hills			pmax	pmax	
RSSD	Black Hills	30.42	346	MLR	MLR	
RSSD	Black Hills	30.42	346	P	P	04 06 32.3 +0.6
RSSD	Black Hills	30.42	346	P	P	04 06 32.8 +1.2
PKM	McPherson Peak	30.49	316	P	P	04 06 34.5 +2.1
VES	Vestal, Richgr	30.56	318	P	P	04 06 35.4 +2.6
G40A	Rib Lake	30.59	6	Iamb	Iamb	04 06 32.6
G40A	Rib Lake	30.59	6	P	P	04 06 31.8 -1.2
TIN	Tinemaha, Big	30.78	321	P	P	04 06 37.2 +2.3
SPUT	South Promonto	30.80	333	Iamb	Iamb	04 06 38.6
TPH	Tonopah	30.85	323	Iamb	Iamb	04 06 49.9
BW06	Boulder Array	30.85	338	P	P	04 06 37.0 +1.4
L56A	Greenwood	30.85	25	IAMS_20	IAMS_20	04 20 12.7
PDAR	Pinedale Array	30.85	338	P	P	04 06 35.9 +0.3
PDAR	Pinedale Array	30.85	338	P	P	04 06 36.1 +0.6
PDAR	Pinedale Array			pmax	pmax	
PDAR	Pinedale Array	30.85	338	LR	LR	04 18 48.8
PDAR	Pinedale Array	30.85	338	LR	LR	04 18 48.8
SMMC	Simmler	30.86	316	P	P	04 06 36.9 +1.5
CZSB	Cruzeiro do Su	30.93	135	P	P	04 06 37.2 +1.0
CZSB	Cruzeiro do Su			Iamb	Iamb	04 06 51.8
CZSB	Cruzeiro do Su	30.93	135	eP	eP	04 06 44.2 +8.0
CZSB	Cruzeiro do Su	30.93	135	eP	eP	04 06 43.7 +1.2
F36A	Milaca	31.00	1	Iamb	Iamb	04 06 36.6
F36A	Milaca	31.00	1	P	P	04 06 35.8 -0.7
F33A	5 Mile Ranch,	31.02	357	Iamb	Iamb	04 06 36.6
F33A	5 Mile Ranch,	31.02	357	P	P	04 06 35.6 -1.1
ID09	Alton	31.03	335	IAMS_20	IAMS_20	04 20 49.6
G45A	Suttons Bay	31.04	12	Iamb	Iamb	04 06 42.7
G45A	Suttons Bay	31.04	12	P	P	04 06 35.1 -1.8
G45A	Suttons Bay			P	P	04 06 35.1 -1.8
VOG	Valley Oaks Go	31.05	318	P	P	04 06 39.3 +2.3
GLMI	Grayling	31.05	13	Iamb	Iamb	04 06 36.2
GLMI	Grayling	31.05	13	P	P	04 06 34.4 -2.6
GLMI	Grayling	31.05	13	P	P	04 06 35.9 -1.1
ID10	Lander Cutoff	31.14	336	Iamb	Iamb	04 06 57.2
ID10	Lander Cutoff			IAMS_20	IAMS_20	04 21 17.5
MMNY	Mt. Morris Dam	31.21	24	IAMS_20	IAMS_20	04 20 53.5
F42A	Maple Grove Fa	31.32	8	P	P	04 06 37.9 -1.4
HVU	Hansel Valley	31.32	333	Iamb	Iamb	04 06 43.2
AHD	Auburn Hatcher	31.43	336	Iamb	Iamb	04 06 58.5
AHD	Auburn Hatcher			IAMS_20	IAMS_20	04 20 56.0
MLAC	Mammoth, Mammo	31.52	321	P	P	04 06 43.7 +2.2
COWI	Conover	31.53	7	Iamb	Iamb	04 06 40.8
COWI	Conover	31.53	7	P	P	04 06 40.2 -1.0
BINY	Binghamton	31.56	26	P	P	04 06 40.4 -1.2
BINY	Binghamton			IAMS_20	IAMS_20	04 21 43.3
BINY	Binghamton	31.56	26	P	P	04 06 39.8 -1.7
BINY	Binghamton	31.56	26	P	P	04 06 39.7 -1.7
ABD	La Joyeuse, An	31.59	83	IAMS_20	IAMS_20	04 19 41.3
OMMD	Old Mammoth Mi	31.61	321	Iamb	Iamb	04 06 57.9
NV11	Mina Array Sit	31.63	323	P	P	04 06 45.0 +2.7
ID07	Smith Canyon R	31.64	334	Iamb	Iamb	04 06 45.7
MDDP	Devils Postpil	31.67	321	Iamb	Iamb	04 06 55.8
ELK	Elko	31.68	329	Iamb	Iamb	04 06 46.9
ELK	Elko			IAMS_20	IAMS_20	04 19 15.1
ELK	Elko	31.68	329	LR	LR	04 22 11.8
NNA	Nana	31.69	146	LR	LR	04 16 45.6
J55A	Hilton	31.71	73	IAMS_20	IAMS_20	04 21 19.4
NVAR	Mina Array Bea	31.71	323	P	P	04 06 45.3 +2.1
NVAR	Mina Array Bea			IAMS_20	IAMS_20	04 21 43.3
NVAR	Mina Array Bea	31.71	323	P	P	04 06 45.3 +2.1
NVAR	Mina Array Bea			P	P	04 09 34.7 +0.1
NVAR	Mina Array Bea			LR	LR	04 19 09.6
GRGR	Grenville	31.80	91	IAMS_20	IAMS_20	04 19 34.5
MAGL	Barre de l'ile	31.80	83	IAMS_20	IAMS_20	04 20 38.1
E38A	The Farm, Brul	31.82	4	P	P	04 06 42.7 -1.0
E38A	The Farm, Brul	31.82	4	P	P	04 06 42.8 -0.9
ID08	Devils Gate	31.84	335	Iamb	Iamb	04 07 02.3

ID08	comp-Z, 75nm, 1.1s					
SNOW	Snow King Moun	31.89	337	IAMS_20	IAMS_20	04 21 47.0
PMPB	Monarch Peak	31.91	317	P	P	04 06 46.3 +1.6
L59A	Walton	31.96	28	Iamb	Iamb	04 06 47.5
L59A	Walton	31.96	28	P	P	04 06 44.9 -0.2
L59A	Walton			P	P	04 06 44.9 -0.2
LOHW	Long Holow	31.96	337	Iamb	Iamb	04 06 48.5
WSPT	Westport, CT	31.97	31	IAMS_20	IAMS_20	04 20 44.3
GDSO	La Sidrae Is	32.00	83	IAMS_20	IAMS_20	04 20 44.2
DFD	Fort de France	32.00	86	IAMS_20	IAMS_20	04 18 48.6
J56A	Wolcott	32.00	24	IAMS_20	IAMS_20	04 21 00.5

29d 4h

Table with columns for station call letters, frequency, and other details. Includes stations like WWOR, FRNY, LBNH, HOPS, J08A, BEMT, ULM, TRQ, BOAV, BOAY, EGMT, KCPM, BMO, MSO, VLD0, K05A, KMRM, I07A, YBHV, K04D, KMPM, KHMM, F10A, JCC, PKME, ETMB, G06A, MACE, I03D, H04A, BUCK, HOOD, NEW, N32M, COR, SAML, G03D, HEBO, LPAZ, SAML, WISH, NLWA, PB16, PGP, MDC, LLLB, PATCX, PB08, ITTB, MALB, CBB.

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Table with columns for station call letters, frequency, and other details. Includes stations like PB07, WILB, WILB, FCC, FCC, RPN, NPGP, MCPB, LVC, LVC, LVC, SIV, SIV, HOLB, SCH0, SCH0, SCH0, PDRB, PB14, CLDB, PTLB, BSSD, BBB, BBB, YJA, GO02, GO02, GO02, AC02, AC02, AC02, RUBB, ALOL, PRPB, DIB, TMAB, SALV, LCO, LCO, V35K, V35K, YKA, YKA, YKA, AHML, AHML, VCA, VCA, GO04, FLDN, T35M, T35M, N32M, N32M, CRAG, CRAG, CRAG, PP1B, CO03, U33K, U33K, U33K, AC02, AC02, CO02, MURT, CYA, DLBC, DLBC, DLBC, DLBC, S34M, S34M, T33K, TAOE, TAOE, TAOE, ACCL, ACCL, AQDB, AQDB, ARAC, WTLY.

2074

Table with columns for station call letters, frequency, and other details. Includes stations like WTLY, SMTB, AVFE, AVFE, FRB, R33M, R33M, R33M, RTLL, RTLL, ZON, ZON, ZON, VA01, VA01, S32K, Q32M, Q32M, ANTJ, ROCC, VA03, VA03, CFA, CFA, AUSP, WRGL, TGTN, ROSB, C25B, P32K, MT05, MT05, ASAL, ASAL, RPRD, RPRD, MT01, MT09, MT09, MT08, P32M, P32M, P32M, S31K, S31K, P33M, P33M, P33M, MT13, AAGR, AAGR, LME, BOO1, SKAG, SKAG, SKAG, GO05, GO05, N32M, N32M, N32M, BOO2, PLBC, CPUP, WHPY, WHFY, SCCA, MLO2, BDFB, BDFB, P29M, P29M, O30N, O30N, O30N, ITRB, M31M, M31M, M31M, M31M, M31M, M31M, O29M, O29M.



29d 4h

Table with columns: Station Name, Elevation, Date, Time, Status, and other parameters. Includes stations like POKR, COLA, COLA, COLA, O20K, D27M, R18K, Q19K, Q19K, MAN01, F26K, CMC01, ILSW, P19K, MDM, VAS01, SKT, SKT, N20K, SPCR, SJMB, G25K, BWN, TRF, TRF, NEA2, NEA2, NEA2, AY01, AY01, GUA01, H24K, H24K, H24K, F25K, KTH, I23K, I23K, Q18K, Q24K, NAN01, EP25K, BPAW, BPAW, O19K, O19K, PPLA, M20K, M20K, M20K, ISOG, Q17K, CAST, CAST, P18K, P18K, H23K, R17K, N19K, N19K, MLY, MLY, O18K, O18K, RIB01, F24K, CHUM, CAM01, TIAR, TVO, ANG, ANG, M19K, M19K, M19K, TULEG, TULEG, KULLO, KULLO, Q16K, ALF01, C26K, P17K, PPT.

2017 SEP

Table with columns: Station Name, Elevation, Date, Time, Status, and other parameters. Includes stations like PPT2, PPT2, PPT2, PPT2, PPT2, COYC, COYC, G23K, PAE, D25K, E24K, SVW2, N18K, N18K, N18K, H22K, L19K, L19K, L19K, K20K, XMAS, COLD, O17K, E23K, J20K, J20K, H21K, H21K, G22K, N17K, ICESG, ICESG, TOLK, TOLK, D24K, S14K, O16K, TTA, TTA, TTA, I20K, C24K, L18K, M17K, J19K, F22K, SDPT, G21K, D23K, E22K, H20K, J18K, N16K, F21K, C23K, O15K, L17K, M16K, K17K, D22K, GCSA, H19K, N15K, EUNU, L16K, E21K, S12K, S12K, F20K, J17K, O14K, G19K, M15K, H18K, TBI, TBI, TBI, TBI, C21K, B22K, N14K, SUMC, SUMC, SUMC.

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Table with columns: Station Name, Elevation, Date, Time, Status, and other parameters. Includes stations like SUMG, SUMG, SUMG, B21K, E20K, F19K, E19K, G18K, NEEM, NEEM, J16K, M14K, D20K, H17K, K15K, I17K, A22K, L14K, F18K, D19K, G17K, M13K, B20K, H16K, A21K, F17K, E18K, J14K, C19K, G16K, UNV, UNV, E17K, K13K, SACV, C18K, G15K, M11K, D17K, RDOG, RDOG, RDOG, F15K, C17K, ANM, ANM, ALE, NIKH, F14K, C16K, BORG, BORG, BORG, SNA, SNA, MG02, GAMB, PMAFR, PMAFR, DSB, DSB, LIS, LIS, LIS, PTO, LAWE, LAWE, PSBE, PGAV, PGAV, PGAV, PCAS, COI, PFVI, PFVI, PFVI.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Sao Teotônio, PTEO, PNCL, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like La Foliniere, FLN, FOO, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Delary, DEL, SLE, etc.

29d 4h

GERES	GERESS Array B	90.39	39	P	P	04 13 20.6 +0.1
	comp-Z, 7.0nm, 1.1s					
PRU	Fruhonic	90.44	38	eP	P	04 13 21.3 +0.7
PRU				e	MLR	04 23 50.0
PRU	comp-Z, 2, 18.3s					
PRU	Fruhonic	90.44	38	eP	AMS	04 13 21.3 +0.7
PRU				eSKS	AMS	04 23 53.0 +2.6
PRU				AMS		04 55 50.0
ZVC	Zvikov	90.45	38	eP	AMS	04 13 21.4 +0.7
ZVC				AMS		04 53 00.0
ABTA	Abfaltersbach	90.46	41	iPcP	PcP	04 13 21.5 -0.5
	comp-Z, 2, 20.1, 1.3s, SNR=19					
GKP	Gorka Klasztor	90.59	34	eP	AMS	04 13 20.1 -1.1
GOPC	GO Pecny, Ondr	90.62	38	AMS	AMS	04 55 50.0
	comp-Z, 2, 17.2s					
FINES	FINESS Array B	90.72	25	P	P	04 13 21.4 -0.2
FINES	FINESS Array B	90.72	25	eP	pmax	04 13 21.4 -0.2
	comp-Z, 7.0nm, 1.0s					
FINES	FINESS Array B	90.72	25	eP	P	04 13 22.8 +1.2
FINES						04 13 22.8 +1.2
	comp-Z, 6.9nm, 1.0s, baz=234, slow=6.4, SNR=14					
CKRC	Cesky Krumlov	90.77	39	eP	P	04 13 22.3 +0.1
CKRC				e	MLR	04 23 56.2
CKRC				e	MLR	
CKRC	Cesky Krumlov	90.77	39	eP	P	04 13 22.3 +0.1
CKRC				e	MLR	04 23 56.2 +3.8
CKRC				e	MLR	04 51 00.0
	comp-Z, 2, 19.3s					
BIOA	Bad Ischl, Aus	90.80	40	iPcP	P	04 13 22.6 +0.2
	comp-Z, 39nm, 1.5s, SNR=11					
OSSC	Osseratorio P	90.81	45	IAMB	IAMB	04 13 23.1
	comp-Z, 5.3nm, 1.4s					
KBA	Koelnbreinsper	90.86	41	PcP	P	04 13 23.2 +0.4
	comp-Z, 4.9nm, 1.7s					
CHVC	Chvalec	91.08	37	eP	AMS	04 13 24.2 +0.6
CHVC				AMS		04 53 30.0
UPC	Ucipe	91.09	37	eP	P	04 13 24.3 +0.7
UPC				e	MLR	04 23 56.4
UPC				e	MLR	
UPC	Ucipe	91.09	37	eP	P	04 13 24.3 +0.7
UPC				eSKS	AMS	04 23 56.4 +2.3
UPC				AMS		04 54 40.0
	comp-Z, 2, 17.1s					
MOA	Molin	91.13	40	iPcP	PcP	04 13 24.8 -0.1
	comp-Z, 3.2nm, 1.6s, SNR=9.3					
OSTC	Ostas	91.19	37	eP	MLR	04 13 24.5 +0.4
OSTC				eP	MLR	
OSTC	Ostas	91.19	37	eP	P	04 13 24.5 +0.4
OSTC				e	AMS	04 13 36.0
OSTC				e	AMS	04 55 50.0
	comp-Z, 2, 20.3s					
MYKA	Terra Mystica	91.22	41	iPcP	PcP	04 13 25.6 +0.2
	comp-Z, 3.2nm, 1.4s, SNR=9.1					
PRED	Cave del Predi	91.25	41	IAMB	IAMB	04 13 26.3
	comp-Z, 6.8nm, 1.5s					
TREC	Trest	91.29	38	eP	MLR	04 13 24.6 0.0
TREC				MLR		
TREC	Trest	91.29	38	eP	AMS	04 13 24.6 0.0
TREC				AMS		04 53 50.0
	comp-Z, 2, 19.2s					
DPC	Dobruska-Polom	91.33	37	eP	MLR	04 13 25.2 +0.4
DPC				eP	MLR	
DPC	Dobruska-Polom	91.33	37	eP	P	04 13 25.2 +0.4
DPC				AMS		04 55 50.0
	comp-Z, 2, 17.1s					
CADS	Cadgr	91.44	41	iP	P	04 13 24.9 -0.4
CADS				i		04 13 27.7
SABO	Mte Sabotino	91.45	42	IAMB	IAMB	04 13 27.8
	comp-Z, 1.80nm, 1.8s					
RAO	Raoul Island	91.71	240	LR	LR	04 43 50.1
	comp-Z, 2.90nm, 21.6s, baz=342, slow=28					
OBKA	Obir	91.84	41	iPcP	PcP	04 13 27.9 -0.2
	comp-Z, 4.0nm, 1.6s, SNR=5.3					
KRUC	Moravsky	91.92	38	eP	P	04 13 27.5 0.0
KRUC	Vranov	91.94	38	eP	P	04 13 27.8 +0.2
LJU	Ljubljana	92.02	41	iPcP	PcP	04 13 28.3 +0.3
CONA	Conrad Observa	92.08	39	iPcP	PcP	04 13 29.6 +0.4
	comp-Z, 6.8nm, 1.7s, SNR=2.7					
SOKA	Soboth	92.08	41	iPcP	PcP	04 13 28.8 -0.3
	comp-Z, 4.1nm, 1.4s, SNR=11					
ARSA	Karzberg	92.15	40	iPcP	PcP	04 13 29.8 +0.4
	comp-Z, 2.8nm, 1.4s, SNR=5.6					
KEST	Kesra	92.17	52	P	P	04 13 28.4 -0.6
	comp-Z, 9.7nm, 1.0s, baz=188, slow=4.4, SNR=1.1					
KEST				LR	LR	04 53 26.1
	comp-Z, 8.57nm, 18.1s, baz=247, slow=35					
MSVF	Nonsavu	92.27	252	P	P	04 13 31.3 +1.6
MSVF				IAMB	IAMB	04 13 37.7
	comp-Z, 4.6nm, 1.2s					
MSVF	Nonsavu	92.27	252	IAMS_20	IAMS_20	04 44 37.6
MSVF				P		04 13 31.3 +1.6
MSVF				pmax		
	comp-Z, 4.6nm, 1.2s					
MSVF	Nonsavu	92.27	252	LR	LR	04 45 19.8
MORC	Moravsky Berou	92.29	37	eP	P	04 13 29.8 +0.6
PKDS	Podkum	92.31	41	iP	P	04 13 29.7 +0.3
TORD	Tordoi Ar. Bea	92.32	76	P	P	04 13 29.5 -0.5
TORD				IAMB	IAMB	04 13 30.7
	comp-Z, 8.9nm, 1.9s					
YSS	Tordoi Ar. Bea	92.32	76	P	P	04 13 28.9 -1.1
	comp-Z, 1.8nm, 0.5s, baz=298, slow=4.3, SNR=25					
TORD				PKPKbc	PKPKbc	04 30 43.8 -0.3
	comp-Z, 1.1nm, 0.8s, baz=46, slow=3.3, SNR=5.4					
TORD				LR	LR	04 55 06.9
	comp-Z, 7.52nm, 19.4s, baz=290, slow=36					
TARA	Tarawa	92.39	272	IAMS_20	IAMS_20	04 53 35.7
	comp-Z, 1.8nm, 0.5s					
RONA	Rosalia, Austr	92.44	39	iPcP	PcP	04 13 31.2 +0.5
	comp-Z, 4.1nm, 1.5s, SNR=14					
OKC	Ostrava-Krasne	92.62	37	eSKS	AMS	04 24 08.6 +5.9
OKC				AMS		04 57 00.0
	comp-Z, 1, 18.6s					
MAUC	Maruska	92.64	37	eP	P	04 13 31.4 +0.5
ZST	Bratislava	92.72	39	eP	P	04 13 32.6 +1.4
ZST	Bratislava	92.72	39	eP	P	04 13 32.6 +1.4
MODS	Modra-Piesok	92.75	38	eP	P	04 13 32.7 +1.4
MODS				pmax	pmax	
	comp-Z, 4.61nm, 1.9s					
MODS	Modra-Piesok	92.75	38	eP	P	04 13 32.7 +1.4
IAVC	Velka Javorina	92.77	38	eP	P	04 13 32.4 +0.9
SMOL	Smolenice	92.78	38	eP	P	04 13 33.2 +1.7
SMOL				pmax	pmax	
	comp-Z, 9.4nm, 1.9s					
PABE	Paberze	92.98	30	eP	P	04 13 32.2 0.0
TAM	Tamanrasset	93.10	36	IAMS_20	IAMS_20	04 58 35.8
	comp-Z, 1, 18.0s					
SUW	Suwalki	93.66	32	eP	P	04 13 34.1 +0.1
SRO	Srobarova	93.62	39	eP	P	04 13 36.8 +1.5
SRO				pmax	pmax	
	comp-Z, 1.83nm, 2.1s					
SRO	Srobarova	93.62	39	eP	P	04 13 36.8 +1.5
VYHS	Vyhnice	93.62	38	eP	P	04 13 36.4 +1.0
VYHS				eP	pmax	
	comp-Z, 1.84nm, 2.1s					
VYHS	Vyhnice	93.62	38	eP	P	04 13 36.4 +1.0
LANS	Liptovska Anna	93.70	37	eP	P	04 13 37.7 +2.0
LANS				pmax	pmax	
	comp-Z, 5.1nm, 2.1s					
LANS	Liptovska Anna	93.70	37	eP	P	04 13 37.7 +2.0
STHS	Stebnicka Huta	94.60	36	eP	P	04 13 41.1 +1.3
STHS	Stebnicka Huta	94.60	36	eP	P	04 13 41.1 +1.3
NACGM	Naroch	94.66	30	eP	P	04 13 39.3 -0.6
CRVS	Cervencia-Dubn	94.97	37	eP	P	04 13 42.4 +0.9
CRVS				pmax	pmax	
	comp-Z, 2.72nm, 2.4s					
CRVS	Cervencia-Dubn	94.97	37	eP	P	04 13 42.4 +0.9
KWP	Kalwaria Pacla	95.32	36	IAMS_20	IAMS_20	04 55 37.0
	comp-Z, 8.14nm, 20.0s					

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VAE	Valguarnera	95.33	49	LR	LR	04 56 32.9
	comp-Z, 2, 18.4s, baz=344, slow=35					
CUC	Castruccio	95.33	46	P	IAMB	04 13 43.2 -0.2
CUC				IAMB		04 13 44.8
MNC	comp-Z, 33nm, 1.4s					
MNC	Minsk	95.42	30	iP	P	04 13 42.0 -1.4
	comp-Z, 5.0nm, 0.8s					
MNK				iP	P	04 13 42.0 -1.4
	comp=N, 20nm, 1.4s					
MNK				iP	P	04 13 42.0 -1.4
	comp-Z, 1.8nm, 1.2s, baz=305					
MNK				iP	P	04 13 55.5 +1.0
MNK				iP	P	04 17 31.4 -2.1
MNK				iP	P	04 19 33.1
MNK				iP	P	04 24 13.5 -4.2
MNK				iP	P	04 24 36.5 -4.6
MNK				iP	P	04 31 21.8 -3.0
MNK				iP	P	04 31 04.9
MNK				iP	P	04 50 48.0
MNK				iP	P	04 53 25.2
MNK				iP	P	04 55 17.3
	comp=N, 401nm, 13.8s					
MNK				iP	P	04 55 23.9
	comp-Z, 2, 19.0s					
MNK				iP	P	04 55 28.5
	comp-Z, 5.73nm, 15.8s					
MNK	Minsk	95.42	30	iP	P	04 13 41.9 -1.4
MNK				iP	P	04 17 31.4
MNK				iP	P	04 19 33.1
MNK				iP	P	04 24 13.5 -4.2
MNK				iP	P	04 31 21.7 -3.0
MNK				iP	P	04 35 04.9
	comp-Z, 18nm, 1.2s					
MNK				iP	P	04 55 23.9
	comp-E, 5.0nm, 0.8s					
MNK				iP	P	04 55 28.5
	comp=N, 20nm, 1.4s					
MNK		</				



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Table with columns for station call letters, frequency, power, mode, and a grid of various alphanumeric codes.

2017 SEP

Table with columns for station call letters, frequency, power, mode, and a grid of various alphanumeric codes.

29d 4h

Table with columns for station call letters, frequency, power, mode, and a grid of various alphanumeric codes.

29d 4h

Table of seismic events with columns for station name, time, magnitude, and distance. Includes stations like UJLR, MGMO, APMT, CBKS, etc.

Table for event IDC 29 04:18:40.2 ± 1.9, 0.60N, 126.99E, h0km, mb3.5/4, mbtm3.5/4, Error ellipse: s-maj=174.4km, s-min=23.8km, az=66.0, Northern Moluca Sea.

Table for event IDC 29 04:21:05.9 ± 2.3, 0.73N, 126.75E, h0km, mb3.3/4, mbtm3.4/4, Error ellipse: s-maj=244.8km, s-min=25.1km, az=66.0, Northern Moluca Sea.

Table for event NNC 29 04:28:56.6 ± 2.6, 4.014N, 75.76E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=17.9km, s-min=12.9km, az=164.0.

Table for event ISC 29 04:28:58.8 ± 1.9, 4.013N, 0.08E, 75.86E, h0km, n33, r138/45, 23C-7D, Kyrgyzstan-Xinjiang border region.

2017 SEP

Main table of seismic events for 2017 SEP, listing stations like AML, KBK, AAK, TKMZ, TKM2, etc., with time, magnitude, and distance.

Table for event IDC 29 04:31:29.4 ± 2.1, 1.11N, 127.75E, h0km, mb3.3/4, mbtm3.3/4, Error ellipse: s-maj=187.2km, s-min=24.7km, az=67.0, Halmahera.

Table for event IDC 29 04:32:49.8 ± 1.8, 0.74N, 127.13E, h0km, mb3.5/4, mbtm3.5/4, Error ellipse: s-maj=173.9km, s-min=22.7km, az=67.0, Halmahera.

Table for event GCG 29 04:33:03.0 ± 3.1, 13.92N, 95.22W, h34km, 999km, MD4.7, MOS 29 04:33:10.7 ± 1.0, 14.84N, 94.20W, h12km, mb5.0/24, Error ellipse: s-maj=8.8km, s-min=6.9km, az=96.5.

2080

NEIC 29 04:33:13.8, 15.00N, 94.11W, h12km, Moment Tensor Solution. Duration: 283 Moment tensor: Scale 10^19Nm; M0=6.89; M2=4.99; M3=1.91; M4=0.91; M5=2.72; M6=0.53; Fault plane solution: M6.81000x10^16 NP1: phi=113.120000, delta=7.660000, lambda=80.350000. NP2: phi=307.290000, delta=3.220000, lambda=110.420000. Principal axes: T 7.0274, P1g83.0000, Azm317.0000; N -0.4324, P1g7.0000, Azm120.0000; P -6.5950, P1g2.0000, Azm210.0000.

Table of station data for NEIC 29 04:33:13.8, 15.00N, 94.11W, h12km, Moment Tensor Solution. Columns include Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Residual Error.



Table with columns: Call sign, Name, Comp, Freq, Mode, Power, Az, El, Dist, Name, Call sign, Name, Comp, Freq, Mode, Power, Az, El, Dist. Includes stations like Q51A Peebles, HD1L Hopedale, etc.

Table with columns: Call sign, Name, Comp, Freq, Mode, Power, Az, El, Dist, Name, Call sign, Name, Comp, Freq, Mode, Power, Az, El, Dist. Includes stations like SHOC Shoshone, ECSD EROS Data Cent, etc.

Table with columns: Call sign, Name, Comp, Freq, Mode, Power, Az, El, Dist, Name, Call sign, Name, Comp, Freq, Mode, Power, Az, El, Dist. Includes stations like HLID Hailey, AGMN Agassiz Nation, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, etc. Includes entries like CO02 Combarbal, DLBC Dease Lake, DLBO Dease Lake, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, etc. Includes entries like INK Inuvik, INK Inuvik, H2M Whitestone, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, etc. Includes entries like PPLA Purkeypyle, M20K Styx River, Q17K Contact Creek, etc.

29d 5h

Table of station data for 29d 5h, including station names, coordinates, and various parameters like elevation and signal strength.

2017 SEP

Main table of station data for 2017 SEP, listing stations such as Grafenberg Arr, PETK, DAVOX, etc., with their respective details.

2084

Table of station data for 2084, including stations like WRA, ASAR, MKAR, WSAR, and NEIC, with their specific parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like PETK Petropavlovsk- 3.42 29 Ph, ZALV Zalesovo Beam 41.66 30 P, MKAR Makanchi Array 46.49 295 P, etc.

IDC 29 05:25:47.0.0.8, 1.03N, 127.46E, h0km, mb4.2/8, mbmp4.2/10, ML3.9/2, MS3.7/6, Error ellipse: s-maj=29.6km s-min=16.2km az=73.0

DJA 29 05:25:49.0.0.3, 1.1N, 2.12E, h10km, M4.4/12, mb4.7/3, mb5.2/2, MLv4.3/12, Mw(mb)4.6/2

NEIC 29 05:25:49.0.0.8, 1.07N, 0.04E, 127.51E, 0.05, h8km, 6km, mb4.5/13, Error ellipse: s-maj=8.0km s-min=4.7km az=110.0

ISC 29 05:25:48.0.0.6, 1.05N, 0.05E, 127.53E, 0.06, h10km, n42, c083/44, mb4.4/14, MS3.9/4, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like TNTI Ternate 0.32 210 Op, WRA Warramunga Arr 21.91 163 P, ASAR Alice Springs 25.34 166 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like PINNC Pines Island, 11.74 275 P, OUCEN Owen Island, N 12.32 276 P, KUZ Kuatounu 13.05 196 P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries like ROM 29 05:47:39.2.0.1, 46.39N, 0.004E, 12.985E, 0.006, h8km, ML2.6/4, Error ellipse: s-maj=0.4km s-min=0.4km az=187.0, FUSE Fusesa 0.03 181 eP, etc.

Table with columns for station name, elevation, and various data points. Includes stations like PRED Cave del Predi, DRE Drenchia, and many others.

Table with columns for station name, elevation, and various data points. Includes stations like ROVR comp=N,96um,1.3s, BRUN Brijuni, and many others.

Table with columns for station name, elevation, and various data points. Includes stations like MZP comp=N,337nm,0.8s, CWC Cottonwood Cre, and many others.



HAST	Hastings Reser	2.44 244	Pn	06 06 12.6	+0.9
PHSB	Hesperia Broad	2.44 228	Pn	06 06 12.8	+1.1
S11A	Rachel	2.46 86	Pn	06 06 13.2	+1.1
RAMR	Ramage Ranch	2.47 222	Pn	06 06 13.5	+1.3
BCWM	Chews Ridge	2.48 242	Pn	06 06 13.3	+0.8
BPFM	Ponciano Ridge	2.55 246	Pn	06 06 14.3	+1.0
SHOC	Shoshone, Teco	2.60 127	Pg	06 06 20.1	-0.6
baza=309,SNR=23					
BAPM	Andersons Peak	2.60 241	Pn	06 06 10.8	-3.3
EDW2	Edwards Air Fo	2.69 165	P	06 06 15.8	+0.6
baza=346,SNR=17					
EDW2			Sb	06 06 54.6	+1.3
baza=346					
R11B	Troy Canyon, C	2.71 71	P	06 06 15.3	-0.4
baza=253,SNR=44					
R11B			Sb	06 06 56.4	-1.6
baza=253					
PKM	Mpchsper Peak	2.71 197	P	06 06 16.4	+0.7
baza=16,SNR=16					
PKM			S	06 06 50.5	+1.3
baza=16					
GSC	Goldstone, Bar	2.73 142	Pg	06 06 23.0	-0.2
baza=324,SNR=6.1					
OSI	Osito Audit: C	2.87 178	Sb	06 06 59.1	+0.6
baza=32					
SUTB	Sutter Butte	2.89 308	Pn	06 06 22.6	-0.6
PRN	Pahroc Range	3.02 90	Pn	06 06 20.1	+0.3
PRN	Pahroc Range	3.02 90	IAML	06 07 20.4	
comp=N,58nm,0.8s					
PRN			IAML	06 07 22.6	
comp=E,63nm,0.8s					
SHRP	Sheep Range	3.11 107	Pn	06 06 20.3	-0.7
TUQ	Turquoise Moun	3.12 130	Pb	06 06 26.9	-0.2
baza=312					
BELC	Belle Mtn, Jos	4.18 146	P	06 06 36.1	+0.3
baza=328,SNR=6.8					

IDC 29 06:16:05.6:0.6:50S:129.50E;h168km,75km,mb3.6/2,  
mbmp3.6/5,Error ellipse: s-maj=128.0km s-min=19.5km  
az=83.0

DJA 29 06:16:34.6:0.1,1,2,N12:12.7E,;h10km,M4.0/7,MLv4.0/7  
IDC 29 06:17:38.2:1.4,5,36S:129.01E;h268km,12km,mb3.7/8,  
mbmp4.5/11,Error ellipse: s-maj=21.8km s-min=10.6km  
az=150I8,Halmaheira

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
TNTI	Ternate	0.30 217	P	06 16 40.5	+0.3
TNTI			Sb	06 16 44.8	-1.8
LBMI	Labuha	1.64 182	P	06 17 03.4	+0.3
LBMI			S	06 17 25.8	+0.5
SANI	Sanana	3.42 207	P	06 17 28.0	+0.4
SJUI	Sorong	4.16 117	P	06 17 32.3	-5.6
baza=312					
SJUI			Sb	06 18 37.0	-1.0
9.1nm,0.3s,baza=269,slow=23,SNR=7.2					
MKAR	Makanchi Array	60.24 326	P	06 26 40.3	+0.3
1.2nm,0.6s,baza=118,slow=7.9,SNR=9.0 1.2nm,0.6s					
KURBB	Kurchatov Arra	64.46 328	P	06 27 10.7	-0.2
0.9nm,0.6s,baza=128,slow=6.0,SNR=12 0.9nm,0.6s					

DJA 29 06:17:37.8:0.4,5,34S:129.01E;h291km,6km,M4.7/14,  
mb4.9/7,mbBS,1/6,MLv4.8/14,MLv(m)4.4/6

IDC 29 06:17:38.2:1.4,5,36S:129.01E;h268km,12km,mb3.7/8,  
mbmp4.5/11,Error ellipse: s-maj=21.8km s-min=10.6km  
az=87.0

NEIC 29 06:17:38.8:1.2,5,39S:0.06;128.88E:0.09;h270km,5km,  
mb4.4/18,Error ellipse: s-maj=13.3km s-min=8.5km  
az=75.0

ISC 29 06:17:38.5:0.4,5,49S:0.05;128.92E:0.06;h270km,n63,  
a=173/70,mb4.1/16,Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
BNDI	Bandanaira	1.37 46	Op	06 18 18.5	+0.6
BNDI			S	06 18 50.9	+1.9
NLAI	Namlea	2.88 321	P	06 18 33.3	+2.4
SAUI	Saumaki	3.43 136	P	06 18 38.0	+1.2
SAUI	Saumaki	3.43 136	P	06 18 37.4	+0.3
FAKI	Fak Fak	4.19 53	Pn	06 18 44.7	-0.7
FAKI	Fak Fak	4.19 53	P	06 18 45.2	-0.2
FAKI			S	06 19 35.2	-3.7
SANI	Sanana	4.50 319	Pn	06 18 48.1	-0.9
LBMI	Labuha	5.02 344	P	06 18 55.0	-0.2
KMPI	Kaimana, Papua	5.11 69	P	06 18 55.1	-1.1
287nm,0.6s,1.3m					
SJUI	Sorong	5.15 27	P	06 18 55.9	-1.0
60nm,0.4s,baza=47,slow=3.5,SNR=25					
SJUI			S	06 19 54.5	-5.1
83nm,0.3s,baza=253,slow=19,SNR=31					
SWI	Sorong	5.16 27	P	06 18 55.4	-1.4
93nm,0.5s,3um,1.2m					
SOEI	Soe	6.26 227	P	06 19 11.2	+0.7
SOEI	Soe	6.26 227	P	06 19 11.8	+1.4
110nm,0.8s,2um,0.6nm					
TNTI	Ternate	6.41 346	P	06 19 10.3	-1.8
164nm,0.8s,6um,1.4nm					
BATI	Baumata	7.00 228	P	06 19 20.3	+0.8
286nm,0.8s,3um,1.1nm					
BATI	Baumata	7.00 228	Pn	06 19 20.6	+1.1
103nm,0.4s,baza=89,slow=2.8,SNR=20					
BATI			S	06 20 39.6	-1.3
209nm,0.7s,baza=316,slow=19,SNR=8.5					
MTN	Manton Dam	7.63 164	Pn	06 19 27.5	+0.2
KNRA	Kununurra	10.13 181	Pn	06 19 57.6	-0.8
TOLIZ	Toitaiti	10.44 309	Pn	06 20 00.9	-1.5
JAY	Jayapura	12.12 76	P	06 20 27.8	+2.3
5.9nm,0.8s,baza=208,slow=6.8					
WB0	Warramunga Arr	15.16 160	P	06 20 59.7	+0.6
WRA	Warramunga Arr	15.31 160	P	06 21 00.3	-0.4
WRA	Warramunga Arr	15.31 160	P	06 21 01.6	+1.0
30nm,0.5s,baza=333,slow=13,SNR=118					
WRA			S	06 23 45.6	-3.1
COEN	Coen	16.37 122	P	06 21 14.5	+2.1
COEN			IAMB	06 21 21.9	
comp=Z,15nm,0.6s					
PSA00	Pilbara Seismi	18.25 208	P	06 21 32.2	-0.4
PSA00			IAMB	06 22 06.1	
comp=Z,34nm,1.4s					
AS31	Alice Springs	18.70 166	P	06 21 38.9	+1.3
ASAR	Alice Springs	18.70 166	P	06 21 38.9	+1.3
ASAR	Alice Springs	18.70 166	P	06 21 39.1	+1.6
comp=Z,26nm,0.4s,baza=348,slow=11,SNR=333					
ASAR			S	06 24 54.0	-2.0
comp=Z,16nm,0.9s,baza=348,slow=19,SNR=29					
ASAR			PcP	06 25 52.7	-0.3
comp=Z,1.8nm,0.6s,baza=321,slow=1.2,SNR=32					
ASAR			ScP	06 29 00.9	-1.8
comp=Z,1.4nm,0.6s,baza=352,slow=1.7,SNR=6.1					
BB00	Buckleboob	27.89 157	P	06 23 05.4	+0.7
STKA	Stephen Creek	28.81 157	P	06 23 13.0	+1.0
STKA	Stephen Creek	28.81 157	P	06 23 13.2	+1.3
comp=Z,1.2nm,0.5s					
WHN	Wuhan	38.45 340	P	06 24 37.3	+2.6
BTO	Baotou	49.04 341	eP	06 28 04.5	+5.8
BTO			pP	06 27 04.3	+9.4
BTO			sP	06 27 37.0	+1.2
BTO			S	06 32 51.8	+1.0
BTO			S	06 34 32.5	+1.1
BTO	Baotou	49.04 341	SS	06 36 25.8	+8.4
BTO	Taplejung	51.48 312	eP	06 26 15.6	-0.8
comp=Z,3.2nm,0.4s					
RAMN	Ramite	52.10 310	eP	06 26 21.9	0.0
comp=Z,3.1nm,0.3s					
JIRN	Jiri	52.79 311	eP	06 26 26.0	-1.0
comp=Z,3.0nm,0.3s					
TCW	Tory Channel	53.84 138	P	06 26 34.5	+0.5
GKN	Gorkha	54.14 310	eP	06 26 35.7	-0.9
comp=Z,5.0nm,0.4s					
BKZ	Black Stump Fm	54.42 135	P	06 26 38.6	+0.4
BKZ			IAMB	06 26 47.7	
comp=Z,1.8nm,1.3s					
PETK	Petrovlovskv-	63.24 19	P	06 27 37.8	-0.5
comp=Z,4.8nm,1.0s,baza=165,slow=6.7,SNR=1.1					
comp=Z,4.8nm,1.0s					
MK31	Makanchi Array	66.38 327	P	06 27 58.5	-0.2
MK31			IAMB	06 27 58.9	
comp=Z,2.1nm,0.5s					
MKAR	Makanchi Array	66.38 327	P	06 27 58.2	-0.5

MKAR	Makanchi Array	66.38 327	P	06 27 58.5	-0.2
comp=Z,2.9nm,0.4s,baza=114,slow=8.3,SNR=35					
ZAA0	Zalesovo Array	69.76 334	IAMB	06 28 18.3	-1.1
ZAA0			IAMB	06 28 20.6	
comp=Z,1.9nm,1.2s					
ZALV	Zalesovo Beam	69.76 334	P	06 28 18.4	-1.0
ZALV	Zalesovo Beam	69.76 334	P	06 28 18.5	-0.9
comp=Z,1.5nm,0.5s,baza=110,slow=7.9,SNR=13					
comp=Z,1.5nm,0.5s					
SEY	Seymchan	70.53 11	P	06 28 24.7	+0.8
comp=Z,5.6nm,0.6s					
KURBB	Kurchatov Arra	70.67 329	P	06 28 24.8	-0.2
comp=Z,2.6nm,0.7s,baza=190,slow=5.1,SNR=16					
KURK	Kurchatov	70.67 329	P	06 28 24.9	-0.1
KURK			IAMB	06 28 25.7	
comp=Z,4.5nm,0.8s					
VNDA	Vanda	74.07 173	P	06 28 44.7	+0.3
VNDA	Vanda	74.07 173	P	06 28 44.7	+0.1
comp=Z,0.7nm,0.5s,baza=318,slow=6.3,SNR=8.9					
SBA	Scott Base	74.97 172	P	06 28 50.9	+1.2
ABKAR	Abkarak array	80.66 322	P	06 29 20.4	-1.0
VOI	Volitskoye	80.68 249	P	06 29 22.0	-0.4
QSPA	South Pole Quis	84.48 180	P	06 29 40.1	-0.9
QSPA			IAMB	06 30 10.3	
K20K	Telida	89.08 26	P	06 30 02.8	-0.1
K20K			IAMB	06 30 08.1	
comp=Z,9.8nm,1.4s					
M20K	Styx River	89.15 28	P	06 30 03.3	-0.1
M20K			IAMB	06 30 18.5	
comp=Z,10nm,1.4s					
CAST	Castle Rocks	89.97 26	P	06 30 06.7	-0.4
CAST			IAMB	06 30 22.1	
comp=Z,2.2nm,1.1s					
ILAR	Eielson Array	92.45 25	P	06 30 16.6	-1.9
comp=Z,0.6nm,0.9s,baza=235,slow=5.2,SNR=2.5					
ULM	Lac du Bonnet	121.76 32	PKP	06 35 59.2	-1.2
comp=Z,1.4nm,0.7s,baza=42,slow=0.2,SNR=2.9					
CPUP	Villa Florida	147.80 169	PKPbc	06 36 51.9	-0.4
CPUP			PKPbc		
LPAAZ	La Paz	152.56 142	PKPbc	06 37 05.2	+0.5
LPAAZ			PKPbc		
comp=Z,1.2nm,0.4s,baza=145,slow=1.5,SNR=9.6					
IDC 29 06:20:08.8:3.3,53.55N:87.51E,h0km,mbmp2.7/2, ML2.4/2,Error ellipse: s-maj=30.4km s-min=16.5km az=52.0,Southern Siberia					
Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
I46RU	ZALESOVO INFRA	1.65 285	Op	06 31 42.3	
baza=100,slow=30,SNR=5.8					
ZALV	Zalesovo Beam	1.65 285	Pn	06 30 38.9	-0.1
1.2nm,0.3s,baza=102,slow=1.3,SNR=9.3					
ZALV			Lg	06 21 00.9	
1.7nm,0.3s,baza=101,slow=3.0,SNR=1.1					
KURBB	Kurchatov Arra	6.26 246	Pn	06 21 40.3	+1.0
baza=60,slow=13,SNR=2.6					
KURBB			Lg	06 23 23.8	
baza=63,slow=31,SNR=2.5 0.4nm,0.4s					
MKAR	Makanchi Array	7.55 208	Pn	06 22 01.0	+1.0
0.1nm,0.3s,baza=27,slow=13,SNR=5.3 0.1nm,0.3s					
KRSC 29 06:22:06.5:1.2,51.51N:158.43E,h103km,13km,MI4.3 MOS 29 06:22:08.0:1.1,51.70N:158.00E,h124km,mb3.9/3,Error ellipse: s-maj=14.5km s-min=6.4km az=83.0 IDC 29 06:22:11.9:1.6,51.90N:157.86E,h132km,9km,mb3.7/15, mbmp4.1/17,MS3.7/2,Error ellipse: s-maj=22.8km s-min=12.5km az=173.0 NEIC 29 06:22:11.2:0.7,51.38N:0.1:157.9E:0.2,h131km,5km, mb4.4/17,Error ellipse: s-maj=19.3km s-min=13.5km az=195.0					
ISC 29 06:22:08.4:0.7,51.60N:0.06;158.20E:0.06;h112km,5km, n92,Δ=127/104,mb4.1/23,IC,Near east coast of Kamchatka Peninsula					
Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
KDTR	Khodutka, Kamc	0.22 341	Op	06 22 23.5	-0.6
KDTR			S	06 22 34.1	-1.8
KDTR	Khodutka, Kamc	0.22 341	eS	06 22 23.5	-0.6
KDTR			S	06 22 34.1	-1.8
ASAK	Asacha	0.81 347	Op	06 22 28.4	+0.5
ASAK	Asacha	0.81 347	eS	06 22 43.1	+0.4
ASAK	Asacha				

RLO	Rose Lookout	1.38	77	Pn	06 23 05.5	-0.4
KAN17	Caldwell West	1.47	324	Pn	06 23 07.0	-0.1
KAN09	Caldwell North	1.48	330	Pn	06 23 07.0	-0.2
KAN14	Manchester OK	1.50	317	Pn	06 23 07.9	+0.2
KAN01	Argonia South	1.55	326	Pn	06 23 08.7	+0.4
X34A	Smith Ranch, M	1.57	217	Pn	06 23 08.1	+0.1
X37A	Clayton	1.67	140	Pn	06 23 10.5	+0.7
X37A				Iamb_Lg	06 23 35.8	

OK035	E0210 Rd and N	1.84	298	Iamb_Lg	06 23 41.2	
WTF5	Witchita Falls	2.56	216	Iamb_Lg	06 24 05.1	
MIBR	Mount Ida	2.86	116	Iamb_Lg	06 24 18.4	
Z38A	MT Pleasant	2.95	151	Iamb_Lg	06 24 19.8	
R32A	Long Quarter	3.02	328	Iamb_Lg	06 24 19.0	
FW03	Perrin-Whitt E	3.04	202	Iamb_Lg	06 24 23.4	
KSU1	Kansas State U	3.23	1	Iamb_Lg	06 24 29.1	
WHAR	Woolly Hollow	3.63	98	Iamb_Lg	06 24 41.1	
FCAR	Ozark Folk Cen	3.70	88	Iamb_Lg	06 24 39.3	
UALR	University of	3.71	106	Iamb_Lg	06 24 40.2	
MGMO	Mountain Grove	3.78	69	Iamb_Lg	06 24 49.7	
AMTX	Amarillo	4.20	258	Iamb_Lg	06 24 54.7	
LCAR	Lake Charles	4.49	86	Iamb_Lg	06 25 06.1	
T42A	Van Buren	4.65	74	Iamb_Lg	06 25 12.1	
CCM	Cathered Cave	4.87	62	Iamb_Lg	06 25 13.4	
BRDY	Brady	4.96	204	Iamb_Lg	06 25 18.3	
N35A	Tabor	5.05	9	Iamb_Lg	06 25 26.6	
P40A	Paris	5.18	44	Iamb_Lg	06 25 27.4	
FVM	French Village	5.44	65	Iamb_Lg	06 25 37.6	
N38A	Joess South For	5.62	28	Iamb_Lg	06 25 53.9	
CGM3	Cape Girardeau	5.83	74	Iamb_Lg	06 25 47.6	
JCT	Junction City	5.97	207	Iamb_Lg	06 26 01.6	
T25A	Trinidad	6.35	284	Iamb_Lg	06 26 08.1	
HNDO	Hondo	6.69	200	Iamb_Lg	06 26 27.7	
L42A	Oliver, Polo	8.21	40	Iamb_Lg	06 27 00.6	

Code Station Name Δ° AZ° Phase ID Time Res

WRA Warramunga Arr 21.68 163 P 06 35 20.5 +0.1

ASAR Alice Springs 21.51 166 P 06 35 54.4 -0.1

MKAR Makanchi Array 60.41 326 P 06 40 39.1 0.0

Code Station Name Δ° AZ° Phase ID Time Res

H06E1 SOCORRO T-PHAS20.08 328 T 06 56 38.2

TEIG Tepich 21.58 31 LR 06 56 38.2

ATAH Atahualpa 23.20 213 LR 06 56 38.5

ROSC El Rosal 25.70 83 LR 06 57 56.2

NNA Nana 26.66 121 LR 06 58 26.2

TXAR Lajitas Array 27.66 353 P 06 50 48.8 +0.1

TXAR 27.66 353 P 06 50 42.4

Code Station Name Δ° AZ° Phase ID Time Res

SDV Santo Domingo 29.6 75 LR 07 00 39.5

ANMO Albuquerque 33.59 350 LR 07 03 58.4

PFO Pinyon Flats O 35.29 336 LR 07 04 07.8

PCRV Puerto La Cruz 36.01 75 LR 07 06 01.2

LPAZ La Paz 36.12 121 P 06 52 03.7 -0.1

LPAZ 36.12 121 P 07 04 45.7

Code Station Name Δ° AZ° Phase ID Time Res

LVC Limon Verde 38.72 130 LR 07 04 35.3

H03N2 Juan Fernandez 40.0 152 T 07 35 27.6

H03N1 Juan Fernandez 40.21 152 T 07 35 31.1

NVAR Mina Array Bea 40.21 337 P 06 52 37.5 -0.1

NVAR 40.21 337 P 07 06 39.8

Code Station Name Δ° AZ° Phase ID Time Res

ELK Elko 41.23 342 LR 07 07 36.1

PDAR Pinedale Array 41.74 349 P 06 52 49.9 -0.1

PDAR 41.74 349 P 07 08 49.3

SIV San Ignacio 42.21 116 LR 07 08 38.7

CFA Coronel Fontan 44.75 141 LR 07 08 00.1

YBH Yreka Blue Hor 44.79 336 LR 07 09 10.4

MDP Montagnes des 47.27 85 LR 07 10 12.3

NEW Newport 48.66 345 LR 07 11 31.2

Code Station Name Δ° AZ° Phase ID Time Res

PLCA Paso Flores 50.03 151 LR 07 10 46.1

SCHO Schefferville 50.37 22 LR 07 18 47.4

YKA Yellowknife Ar 61.59 352 LR 07 21 28.9

RAR Rarotonga 62.81 245 LR 07 16 18.6

ILAR Eielson Array 71.36 341 P 06 56 20.3 -0.1

H11S1 WAKE ISLAND HY 92.69 289 T T 08 41 50.5

H11S3 WAKE ISLAND HY 92.70 288 T T 08 41 52.4

Code Station Name Δ° AZ° Phase ID Time Res

I46RU ZALESOVO INFRA 1.26 251 Op ISC h m s ISC 06 55 50.0

ZALV Zalesovo Beam 1.26 251 Pg Pg 06 47 23.0 -0.9

KURBB Kurchatov Arr 6.31 237 Pn Pn 06 48 34.6 +0.6

MKAR Makanchi Array 8.12 203 Pn Pn 06 49 00.2 +1.3

Code Station Name Δ° AZ° Phase ID Time Res

I46RU ZALESOVO INFRA 1.61 208 I LR 07 05 49.4

ZALV Zalesovo Beam 1.61 208 Pg Pg 06 54 02.7 -1.1

KURBB Kurchatov Arr 6.59 227 Pn Pn 06 55 12.4 +0.3

MKAR Makanchi Array 8.92 197 Pn Pn 06 55 44.3 +0.1

Code Station Name Δ° AZ° Phase ID Time Res

PMG Port Moresby 6.24 277 Op ISC h m s ISC 06 58 24.3 +0.1

CTA Charters Tower 11.97 214 LR LR 07 03 21.2

WRA Warramunga Arr 20.77 240 P 07 01 32.0 -0.8

ASAR Alice Springs 22.90 232 P 07 01 55.7 +0.1

Code Station Name Δ° AZ° Phase ID Time Res

DMTO DMTO 10.51 182 P Pn 07 00 46.0 +0.1

RBK Rabkut 10.77 186 P Pn 07 00 50.0 +0.4

ABTO Aybut 11.03 190 P Pn 07 00 52.9 -0.3

KBL Kabul 13.23 58 Pn Pn 07 01 22.9 -0.4

ASF Jabal al Asfar 16.45 288 Pn Pn 07 02 04.1 -2.1

Code Station Name Δ° AZ° Phase ID Time Res

BTK Batken 17.33 43 P P 07 02 19.4 +0.9

MMAI Mount Meron Ar 17.83 290 P P 07 02 24.2 -1.0

KK31 Karatay Array 19.19 36 P P 07 02 39.6 +0.7

KAAR Karatay Array 19.19 36 P P 07 02 39.6 +0.7

Code Station Name Δ° AZ° Phase ID Time Res

ABR11 Keskin Array S 21.29 308 P P 07 03 00.9 -0.9

BRTR Keskin Array B 21.29 308 P P 07 03 01.5 -0.4

BRTR Keskin Array B 21.29 308 P P 07 03 02.6 +0.7

ANTO Ankara 21.94 308 P P 07 03 08.2 -0.6

AKTO Aktyubinsk 22.23 4 P P 07 03 11.7 +0.1

Code Station Name Δ° AZ° Phase ID Time Res

BRVK Borovoye 27.11 20 Iamb Iamb 07 03 57.4 -0.3

BVAR Borovoye Array 27.12 20 P P 07 03 57.2 -0.6

MK31 Makanchi Array 28.02 41 P P 07 04 06.8 +0.7

MKAR Makanchi Array 28.02 41 P P 07 04 05.9 -0.7

Code Station Name Δ° AZ° Phase ID Time Res

KURBB Kurchatov Arr 28.32 32 P P 07 04 08.6 -0.6

AKASE Main Array B 28.99 326 P P 07 04 22.4 -0.1

KIRV Kirov 30.59 354 LR LR 07 19 47.4

ZALV Zalesovo Beam 33.45 32 P P 07 04 54.0 0.0

FINES FINESS Array B 38.49 338 P P 07 05 36.6 -0.3

Code Station Name Δ° AZ° Phase ID Time Res

HFS Hagfors 42.48 330 P P 07 06 10.1 +0.2

SOMN Songoing Array 43.78 49 P P 07 06 20.6 0.0

NC405 NORSAR Array S 43.81 331 P P 07 06 20.7 +0.1

NB2 NORSAR Subarray 43.99 331 P P 07 06 21.4 -0.7

NOA NORSAR Array B 43.99 331 P P 07 06 21.4 -0.7

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9

ALNE AI Ain 4.20 175 P Pn 06 59 21.2 +1.8

ALNE AI Ain 4.20 175 Pn Pn 06 59 21.6 +2.2

SOHO SOHO 4.24 166 P Pn 06 59 21.0 +1.1

SOHO SOHO 4.24 166 Pn Pn 06 59 22.0 +2.1

SOHO SOHO 4.24 166 Pn Pn 06 59 21.8 +1.9



29d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BRVK Borovoye, GEYT Alibeck, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like H01W1 Cape Leeuwin H, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JIME Puerto Jimenez, PTJ1 Puerto Jimenez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MLR33 Monte Lirio, MLR33 Monte Lirio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

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

2090

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

Table with columns: DZNI, ARXS, Dzhankel'dy, Arharly, 6.53 285 S, Sn, 08 37 42.9 +2.5, etc.

DSN 29 08:41:32.2, 29:59N, 51:92E, h9km, 25km, ML3.5
TEH 29 08:41:37.5, 1.4, 29:33N, 52:32E, h10km, ML3.9, Error ellipse: s-maj=20.9km s-min=13.6km az=44.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, etc. Lists various stations like Shiraz, AHRAM, Dashafti, etc.

IDC 29 08:46:41.4, 1.1, 14:79N, 94:07W, h0km, mb4, 1/15, mbmp4, 1/17, ML3.8/2, MS3.9/43, Error ellipse: s-maj=34.7km s-min=16.9km az=50.0
NEIC 29 08:46:45.0, 2.2, 14:83N, 0:07, 94:15W, 0:08, h10km, 2km, mb4, 4/29, Md4, 1/14(MEX), Error ellipse: s-maj=12.9km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, etc. Lists various stations like PCIG, MATA, BOAC, etc.

Main table with columns: TX31, TX32, TX3R, BRDY, OZNA, WHTX, DWPF, FW13, ALPN, SGGY, ABTX, ABTX, FW03, 352A, 352A, 425A, TIGA, LRL, X40A, MJAR, MNTX, DKNS, OXF, MSTA, GOGA, TUL3, OTAV, AMTX, IMBA, 121A, ROSC, ROSC, WVT, Y22D, Y22F, TKL, TKL, ANMO, ANMO, TUC, KMSC, CCM, TZTN, SDV, T25A, 214A, WCI, CBKS, SDCO, KSCO, S22A, MVCO, WUAZ, WUAZ, P49A, HDIL, GLFA, 048B, PDMCI, ATAH, SWSC, BGNE, IKP, ISCO, BC3, OGNE, SJG, SCIA, IRM, MONP, TPFO, PFO, PFO, O53A, L44A, GMRC, N23A, JFWF, etc.

Table with columns: HEC, BBRC, TUQ, BFSC, ECSD, FURC, R11B, GRAC, SPMN, PKM, VES, PDAR, SMMC, NNA, ELK, MDPB, NVAR, NVAR, SADO, RLMT, EYMN, LAO, AGMN, HLID, BOZ, ULM, ULM, EGMT, MSO, YBH, H04A, H04A, NEW, NEW, LPAZ, LPAZ, RPN, LVC, SIV, SCHO, BBB, YKA, YKA, U33K, DLBC, DLBC, S34M, TAOE, FRB, R33M, CFA, N32M, CPUP, MIMPY, BDFB, FARO, P30M, O30N, M31M, N31M, O29M, N30M, M30M, M29M, L29M, CTG, K29M, J30M, I30M, L27K, EPYK, INK, INK, K27K, I28M, PLCA, SFJD, G29M, SCRM, etc.

29d 9h

Table with columns: RES, Station Name, Time, Res, and various codes. Includes stations like Resolute Bay, Joseph Creek, Steamboat Moun, etc.

2017 SEP

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

2092

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ELAR Eielson Array, BVAR Borovoye Array, etc.

2093

Table with columns for station name, frequency, power, and other technical details. Includes stations like USRK, SUJI, MDJ, KLR, HNS, EJI, HEH, PETK, BTO, COEN, KAPI, BATI, LZH, MA2, SHEM, SONM, CRAI, CTA, CTAO, GTA, TNCH, WRB, WRA, WFR, CHTO, CMAR, MND, LEM, AS31, ASAR, DZM, WMQ, STKA, ZALV, MK31, MKAR, MKAR, MAZK, AFZ, KDKA, KURK, NRIK, NRIK, NRIK, NRIK, J20K, NWA0, H21K, MLY, AAK, NEA2, IL31, ILAR, ILAR, RIDG, RIDG.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like SCRCR, BVAR, BMAR, J26L, BRVK, KK31, KKAR, GCFAR, M29M, HNT, INUK, ARU, ARU, ARU, DLBO, ABKAR, AKTO, AKTO, BBB, KIRV, PPT, PPT2, SPITS, YKA, YKA, GNW, BELG, BELG, RES, LON, LON, H04A, I04A, YBH, YBH, J05D, PINE, ARCES, ARCES, K05A, G08A, E09A, E09A, NEW, ORV, ORV, TAOE, AFDM, AFDM, J08A, J08A, BMO, MPK, CMB, PAHR, GARN, PNTR, YERR, OMMB, OMMB, MFID, MFID, LHV, LHV, KVN, NVAR, NVAR, NVAR, NV11, KBZ, KBZ, KBZ, GLN, GLN, WCT, WCT, QSM, R11B, R11B, TPNV, TPNV, GSC, GSC, HVC, HVC, SPR3, SPR3, ID07, ID08, ID08.

29d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRN, IMW, H17A, FXWY, MOOW, PFO, PFO, PMD, AHID, AHID, WHUT, ID10, NLU, NLU, MNK, MNK, MNK, MNK, MNK, MNK, MNU, MNU, LCMT, NACGA, PDAR, PDAR, KNB, U15A, U15A, AKASG, AKASG, HMU, WUJAZ, HFS, X16A, NOA, NOA, N23A, SMCO, SMCO, TUC, ISCO, ISCO, S22A, S22A, ULM, FRB, ANMO, ANMO, ANMO, VRAC, GERES, TXAR, Vnda, Vnda, IDI, SCHQ, PLCA, LPAZ, IDC 29 09 49:35.2, 1.33N:176.80W, h0km, mb4.3/4, mbmp4.3/5, ML4.4/1, MS3.1/2, Error ellipse: s-maj=42.0km s-min=29.2km az=140.0, WEL 29 09 49:36.6, 1.734N:177.8W, h1.6, h33km, M4.5/9, mB5.0/6, ML4.6/3, MLV4.6/9, Mw(mB)4.4/6, Error ellipse: s-maj=0.0km s-min=0.0km az=102.2, confirmed, NEIC 29 09 49:38.7, 1.734N:153.09W, h0.0, h10km, 2km, mb4.5/20, Error ellipse: s-maj=26.6km s-min=13.3km, IDC 29 09 49:39.5, 0.834N:100.77W, h5.0, h35km, n65, 1942/66, mb4.5/13, South of Kermadec Islands, MXZ, MXZ, MXZ, WMGZ, PKGZ, PKGZ, HAZ, HAZ, PUK, PUK, GLKZ, RAO, RAO, RUGZ, RUGZ, TWGZ.

29d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes entries like CNGZ Carnagh Station, WKZ Te Karaka, MWZ Matawai, etc.

RSNC 29 10:17:23.1-1.1, 3.43N-77.09W, h92km, 4km, ML3.3, Mw3.8, 2C-4D, Near west coast of Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes entries like JAMC Jamundi, Valle, MALC Bahia Malaga, YOTC Yotoco, Valle, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes entries like PRAC Prado, TUMC Tumaco, NIZA Niza - Manizal, etc.

IDC 29 10:20:18.0.1.1, 0.89N-127.63E, h0km, mb3.8/4, mbtmp3.9/6, ML3.6/2, MS2.9/2, Error ellipse: s-maj=41.3km s-min=19.7km az=62.0

DJA 29 10:20:18.0.0.5, 1.1N4.4x12.7E, h13km, 4km, M3.9/7, mb4.3/2, mb5.4/1, MLV3.6/7, Mw(m)B.4/8.1

ISC 29 10:20:19.3.1, 0.90N-101.127.53E, 0.10, h10km, n11, r1231/11, mb3.9/4, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes entries like TNTI Ternate, LBMI Labuha, SANI Sanana, etc.

IDC 29 10:39:07.1±16.0, 0.13Sx123.58E, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=289.2km s-min=232.4km az=28.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makarahi Array, etc.

2094

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes entries like CLCO Cleveland East, CLES Cleveland East, CLES Cleveland East, etc.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like M27K Edge Creek, YKUT Yakutat, PNL Peninsula, COLD Coldfoot, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, WMGZ Waimatani S, PKHZ Pakhiroa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NISRO Nisiroso, Dataca, Emeck-Datca, etc.

29d 11h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like HUIG, PATR, PAVE, etc.

2017 SEP

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like BBAC, OK03, NORC, etc.

2096

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like MONP, ATAH, SJK, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like RLMT Red Lodge, PNTR Pine Nut, YHL Heberge Lake, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like CFA Coronel Fontan, P32M Athin, R31K City Hall, etc.

Table with columns: ID, Name, Elevation, Date, Status, etc. Includes entries like PRP Porcupine Dome, PRP Porcupine Dome, IL31 Chulitna, etc.

29d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G18K Tagagawik, J16K Anvik River, M14K Bethel, etc.

NEIC 29 11:53:13.2, 1.6, 33.84S, 0.06:178.2W, 0.2, h10km, 2km, mb4.7/2, Error ellipse: s-maj=23.3km s-min=6.0km az=108.0

IDC 29 11:53:14.2, 8.34'01S:178.60W, h0km, mb4.2/3, mbmp4.2/4, ML4.1/1, Error ellipse: s-maj=63.2km s-min=35.2km az=122.0

WEL 29 11:53:19.1, 1.6, 34.5S: 117.8W, 1.5, h33km, M4.2/1.3, mb4.7/4, ML4.5/1.1, MLV4.3/1.3, Mw(MB)3.9/4, Error ellipse: s-maj=0.0km s-min=0.0km az=109.8, confirmed

ISC 29 11:53:15.5, 1.2, 33.96S:0.08:178.1W, 0.1, h35km, n56, r128/0.0, mb4.3/8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXZ Matakoqa Point, RAO Raoul Island, WMGZ Waionmatini S, etc.

2017 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OUZ Omahuta, KWHZ Kahuka Forest, KAHZ Kawaranga, etc.

HVO 29 11:58:22.2, 1.9, 19.84N:0.02:155.03W, 0.03, h13km, 4km, Error ellipse: s-maj=4.2km s-min=1.6km az=59.0

NEIC 29 11:58:20.1, 1.0, 19.81N:0.03:155.06W, 0.04, h52km, 4km, ML2.9/56, ML2.8/24(HVO), Error ellipse: s-maj=6.6km s-min=2.5km az=47.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JOKA Jonika Flow, RSD Rainshed, NPOC North of Pu'u, etc.

2098

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHU Kahuku, KHU Kahalu'u, CPH Captain Cook, etc.

IDC 29 12:00:30.7, 2.7, 16.56S:175.33W, h203km, 48km, mb3.7/3, mbtmp4.3/4, MS3.1/2, Error ellipse: s-maj=258.2km s-min=22.6km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Palmar Station, WRA Warramunga Arr, etc.

IDC 29 12:40:43.9, 1.0, 21.146N:143.77E, h0km, mb3.7/7, mbtmp3.7/7, MS2.6/1, Error ellipse: s-maj=39.3km s-min=24.0km az=93.0

ISC 29 12:40:49.1, 1.0, 21.14N:0.2:143.7E, 0.3, h35km, n11, r052/7, mb3.7/7, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H11N1 WAKE ISLAND Hy 21.75 90 T, WRA Warramunga Arr, etc.

JSO 29 12:43:28.33:67N:35:50E, h2km, ML2.2/15, GRAL 29 12:43:28.9, 0.2, 33.75N:35:50E, h24km, 1km, MD3.1, GII 29 12:43:28.4, 0.0, 33.67N:35:50E, h1km, MD2.1/7, Mm2/2, ISC 29 12:43:29.0, 1.0, 33.67N:35:52E:0.05, h24km, 6km, n4.1, r109/6.4, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DQRL Dir Qamar, DQRL Beirut, BHL Bhannes, etc.

IDC 29 12:48:57.1, 1.0, 0.84N:127.48E, h0km, mb3.9/4, mbtmp3.9/5, ML3.7/1, MS3.0/9, Error ellipse: s-maj=49.6km s-min=18.3km az=56.0

DJA 29 12:48:57.9, 0.3, 1.4N:12.9E, h10km, M3.9/12, mb4.0/1, MLV3.9/12, ISC 29 12:49:00.4, 1.0, 6.03N:0.1:127.48E:0.09, h15km, 9km, n21, r128/0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMTI Ternate, LBMI Labuha, SANI Sanana, etc.

IDC 29 13:02:14.9.1.8, 54.44N, 167.40E, h0km, mb3.5/5, mbmp3.6/7, ML3.4/2, Error ellipse: s-maj=48.0km, s-min=27.1km az=178.0.

IDC 29 13:02:17.8.0.9, 54.44N, 02.2.167.27E, 0.07, h24km, n13, s104.9, mb3.5/5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHEM Shemya Is, ALA Ala, PETK Petropavlovsk, etc.

IDC 29 13:12:03.6.1.9, 0.93N, 127.20E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=166.6km s-min=23.5km az=67.0

DJA 29 13:12:05.0.0.3, 1.2N, 127.7E, h10km, M3.6/9, mb3.9/1, ML3.5/9

IDC 29 13:12:04.8.1.2, 1.00N, 0.07, 127.52E, 0.06, h10km, n11, s134.1/7, mb3.5/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMTI Ternate, LBMI Labuha, SANI Sanana, etc.

Table with columns: PATCX, comp=N, 84nm, 0.2s, IAML, 13 20 41.0, DZA comp=Z, 8.2um, 0.3s, eLg, Lg, 13 51 47.1

IDC 29 13:37:41.2.5.2, 20.73S, 175.81W, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=147.5km, s-min=40.0km az=28.0, Tonga Islands

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

IDC 29 13:43:03.0.4.7, 15.48S, 169.18W, h0km, mb3.7/2, mbmp3.7/2, Error ellipse: s-maj=439.1km, s-min=39.8km az=175.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, TOR Tordil Ar. Bea, TOR Tordil Ar. Bea, etc.

NNC 29 13:49:53.0.2.5, 39.64N, 67.86E, h0km, mb5.8, mpv5.6, Error ellipse: s-maj=25.7km s-min=16.6km az=3.0

IDC 29 13:49:54.0.0.3, 39.69N, 68.09E, h0km, mb5.1/35, mbmp5.2/48, ML4.6/13, MS4.1/79, Error ellipse: s-maj=9.5km s-min=6.5km az=163.0

BJJ 29 13:49:55.0.0.3, 39.89N, 68.16E, h15km, mb5.2/79, mb5.2/60, Ms4.9/80, Mst4.7/76

MOS 29 13:49:55.6.1.1, 39.79N, 68.08E, h15km, mb5.5/60, MS4.6/16, Error ellipse: s-maj=3.7km s-min=3.2km az=137.0

MOS Felt (V) at Tashkent. GCMT 29 13:49:55.0.1.3, 39.77N, 0.01, 67.96E, 0.01, h12km, Mw5.1/32, Moment Tensor Solution. s96, c126, s132, c245; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=4.63, Me=2.80, Mw=1.83, Mv=0.7; Mo=1.69, 23; Ms=2.47, 06; Mz=2.05, 23; Best double couple: Ms=40.100x10^16, NP1=225.00000, 360.00000, 1.84.00000; NP2=356.00000, 831.00000, 1.100.00000; Principal axes: T=5.3520, P1g75.0000, Azm120.0000; N=0.0980, P1g5.0000, Azm228.0000; P=-5.4500, P1g15.0000, Azm319.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISU 29 13:49:56.7.39.75N, 67.92E, h5km NEIC 29 13:49:57.40.03N, 67.87E, h14km, Moment Tensor Solution. Duration: 196 Moment tensor: Scale 10^16Nm; Mn=3.63, Me=2.06, Mw=1.57, Mo=1.19, Ms=1.49; Ms=2.44; Fault plane solution: Ms=97000x10^16, NP1: e=237.57000, 872.32000, 1.94.26000; NP2=36.43000, 818.17000, 1.76.89000; Principal axes: T=6.1551, P1g62.0000, Azm154.0000; N=0.3687, P1g4.0000, Azm56.0000; P=-5.7864, P1g27.0000, Azm324.0000; NEIC 29 13:49:57.39.83N, 68.00E, h14km

NEIC 29 13:49:57.5.2.4, 39.83N, 0.05, 68.00E, 0.07, h14km, 3km, mb5.5/120, Mw5.1/17, Error ellipse: s-maj=8.4km s-min=6.5km az=128.0

BGR 29 13:50:01.1.40.34N, 68.72E, h33km, mb5.1 SOME 29 13:50:01.8, 40.03N, 69.77E, h0km, MS4.8

ISC 29 13:49:57.0.0.3, 39.79N, 0.02, 68.01E, 0.02, h15km, 2km, n15km, n11, s1208.0/13, n1208.0/13, 143/1301, mb5.4/208, MS4.3/108, B3C-38D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZI Dzhizak, SAM Samarkand, AGL Agaly, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZA comp=Z, 8.2um, 0.3s, eLg, Lg, 13 51 47.1

EKS2 Erkin-Say 5.21 55 P Pn 13 51 16.2 +1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKS2 Erkin-Say, ARLS Aral, KBL Kabul, etc.

FRU1 Bishkek 5.83 57 P Pn 13 51 24.4 +1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FRU1 Bishkek, KBK Karagaybulak, KBK Karagaybulak, etc.

KSH Kashi 6.00 56 P Pn 13 51 25.5 -2.0

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

SGDS Sogdiny 6.16 51 P Pn 13 51 28.3 +0.8

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

TKM2 Tokmak 6.51 59 P Pn 13 51 33.6 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKM2 Tokmak, BOOM Boomsokoye usch, BOOM Boomsokoye usch, etc.

ULHL Ulhal 6.69 66 P Pn 13 51 35.7 +0.8

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

KST Kastele 6.80 59 P Pn 13 51 43.1 +6.7

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

KRBS Karabastau 6.93 53 P Pn 13 51 48.0 -8.1

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

CHCP Chirchik Chowk 7.44 144 P Pn 13 51 46.7 +1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHCP Chirchik Chowk, NIL Nilore, NIL Nilore, etc.

29d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OTUK, SHLS, TDK, PDGK, etc.

2017 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like GNI, HATD, NAZ, GKN, ASHO, etc.

2100

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA, POO, BOK, KIRV, etc.

2101

Table with columns for station name, frequency, power, and signal strength. Includes stations like IMP, ZAK, ZAKAI, MMAI, SAIH, KLIMR, etc.

2017 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like NRIK, DOPR, BURAR, VOIR, etc.

29d 13h

Table with columns for station name, frequency, power, and signal strength. Includes stations like LYN, PBA, DIVS, XLT, etc.

29d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BRG Berggiesshubel, JETT Jettan, Norway, MOA comp=N,12nm,1.4s, etc.

2017 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like QIZ Qiongzhong, DOMB Dombas, SNY Shenyang, SURA Surathani, etc.

2102

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MDJ comp=Z,340nm,4.0s, MDJ comp=Z,750nm,11.4s, MDJ comp=Z,950nm,10.8s, etc.



Table with columns: Station Name, Frequency, Power, Class, and Signal Strength. Includes stations like Rosebush, Pemb, Nakatsue, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal Strength. Includes stations like Thule, Davo City, Upernavik, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal Strength. Includes stations like Your Creek, Granite Mounta, Malcolim River, etc.

29d 13h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like BPAW Bear Paw Mtn., L18K Granite Mount, ILAR Eielson Array, etc.

2017 SEP

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like RC01 Rabbit Creek A, KNK Knik Glacier, P18K Big Mount, etc.

2104

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like WHY Whitehorse, TGTN Hyland Airport, P30M Million Dollar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COEN Coen, AS31 Alice Springs, ASAR Alice Springs, ASAR comp=Z,0.5nm,0.9s,baz=128,slo=3.4,SNR=6.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ITAB Concordia, MCRT1 Marechal Candu, ANTJ Antonio Joao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISC 29 14:01:37.7,0.9,45:28N;0:03:14:51E, etc.

29d 15h

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

NEIC 29 14:29:04.2e.0.7, 36.34N, 0.01e.98.09W, 0.02, h7km, 2km, Error ellipse: s-maj=1.9km s-min=1.5km az=95.0

TUL 29 14:29:03.6e.0.7, 36.33N, 0.01e.98.09W, 0.007, h7km, 3km, ML2.5, mb\_Lg2.5/21(NEIC), ML2.7/82(NEIC), Error

ellipse: s-maj=1.5km s-min=0.7km az=179.0, Oklahoma

Main table of station data for the 29d 15h period, including call signs, names, coordinates, and operational status.

THE 29 14:47:43.8, 38.01N, 20.32E, h19km, 1km, ML2.5/3, Error ellipse: s-maj=1.4km s-min=1.0km az=42.0

ISC 29 14:47:43.9, 2.5, 38.01N, 0.04, 20.32E, 0.07, h19km, 2km, n19, r09/39, Greece

2017 SEP

Table of station data for the 2017 SEP period, including call signs, names, coordinates, and operational status.

IDC 29 14:53:07.0e.0.9, 2.58N, 128.95E, h0km, mb3.8/9, mbmp3.8/10, ML3.3/1, Error ellipse: s-maj=50.7km

s-min=16.3km az=66.0, ISC 29 14:53:12.1e.0.7, 2.5N, 0.2, 129.0E, 0.3, h35km, n17, r08/12, mb3.9/10, Halmaheira

Main table of station data for the 2017 SEP period, including call signs, names, coordinates, and operational status.

IDC 29 15:21:13.7e.2.4, 17.61S, 178.48W, h649km, mb2.8/5, mbmp3.8/6, Error ellipse: s-maj=96.2km s-min=22.4km

az=150.0, ISC 29 15:21:13.7, 1.5, 17.5S, 0.6, 178.5W, 0.4, h650km, n8, r06/10, mb3.4/5, Fiji Islands region

Main table of station data for the 2017 SEP period, including call signs, names, coordinates, and operational status.

IDC 29 15:23:42.0e.1.4, 15.26N, 95.05W, h0km, mb3.8/11, mbmp3.8/13, ML3.8/2, MS3.5/17, Error ellipse: s-maj=37.7km s-min=20.4km az=37.0

NEIC 29 15:23:50.0, 2.8, 15.6N, 0.1, 94.94W, 0.03, h38km, 15km, mb4.4/45, MD4.4/21(MEX), Error ellipse: s-maj=15.2km

s-min=1.5km az=182.0, MEX 29 15:23:52.3e.0.7, 15.67N, 94.97W, h17km, 999km, MD4.4

ISC 29 15:23:50.1, 0.9, 15.62N, 0.05, 94.94W, 0.03, h42km, 10km, n109, r28/08/11, mb4.0/15, MS3.4/16, Near coast of Oaxaca

Table of station data for the 2017 SEP period, including call signs, names, coordinates, and operational status.

2106

Main table of station data for the 2106 period, including call signs, names, coordinates, and operational status.

Table with columns: PLID, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pearl Lake, Yreka Blue Hor, New York, etc.

MEX 29 15:30:43.0.4.14.90N:93.30W, h54km, 23km, MD4.0
GCG 29 15:30:44.3.1.6.14.82N:93.34W, h50km, 999km, MD4.1
ISC 29 15:30:40.4.2.3.15.00N:0.09:93.2W:0.1, h10km, 12km, n11, c064/21, Near coast of Chiapas

TRN 29 15:44:45.4.10.00N:62.01W, h115km, MD3.3
FUNY 29 15:44:46.9.10.30N:62.39W, h5km, MW3.1
ISC 29 15:44:45.2.1.5.10.11N:0.07:62.43W:0.05, h21km, 5km, n10, c247/18, Near coast of Venezuela

IDC 29 15:50:45.7.2.5.31.97S:179.24W, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=64.1km s-min=51.7km az=39.0, Kermadec Islands region

JCJ Chichijima 5.90 345 Pn P 16 09 36.4 +2.8
JCJ Chichijima 5.90 345 Pn P 16 09 31.8 -1.8
JCJ Chichijima 5.90 345 Pn P 16 09 37.5 -2.4

GUMO Guam 7.80 173 Pn P 16 09 58.7 -0.9
GUMO 1.0nm, 0.3s, baz=357, slow=2.7, SNR=6.1
INU Inuyama 15.17 338 Pn Pn 16 11 37.6 -2.2

H11N1 WAKE ISLAND Hy 21.61 90 T T 16 35 19.9
H11N2 WAKE ISLAND Hy 21.61 90 T T 16 35 09.6
H11N3 WAKE ISLAND Hy 21.63 90 T T 16 35 17.9

US0A0 USSuriysk Arra 24.81 339 P P 16 13 26.2 -0.1
US0A0 USSuriysk Arra 24.81 339 P P 16 13 26.2 -0.1
US0A0 comp=Z,26nm,1.2s 24.81 339 P P 16 13 27.5 +1.2

MDJ comp=Z,190nm,5.6s 24.81 339 P P 16 13 26.2 -0.1
MDJ comp=Z,290nm,18.2s 24.81 339 P P 16 13 26.2 -0.1
MDJ comp=Z,360nm,27.9s 24.81 339 P P 16 13 26.2 -0.1

MDJ comp=Z,190nm,5.6s 24.81 339 P P 16 13 26.2 -0.1
MDJ comp=Z,290nm,18.2s 24.81 339 P P 16 13 26.2 -0.1
MDJ comp=Z,360nm,27.9s 24.81 339 P P 16 13 26.2 -0.1

HEH Heihe 31.61 340 eP P 16 14 27.5 +0.5
HEH comp=Z,19nm,1.1s 31.61 340 eP P 16 14 27.5 +0.5
HEH comp=Z,140nm,4.0s 31.61 340 eP P 16 14 27.5 +0.5

XAN Xian 33.26 300 P P 16 14 40.0 -1.7
XAN comp=Z,10.0nm,0.8s 33.26 300 P P 16 14 40.0 -1.7
XAN comp=Z,240nm,13.1s 33.26 300 P P 16 14 40.0 -1.7

MA2 Magadan 38.48 6 LR P 16 28 24.4
PZH PanZhihua 38.72 286 P Pmax 16 15 28.3 -0.4
PZH comp=Z,10.0nm,1.0s 38.72 286 P Pmax 16 15 28.3 -0.4

CTAO Charters Tower 41.27 177 P P 16 15 45.6 -4.0
CTAO Charters Tower 41.27 177 P P 16 15 45.6 -4.0
CTAO Charters Tower 41.27 177 P P 16 15 45.6 -4.0

WRAB Warramunga Arr 42.10 193 P Pmax 16 15 54.7 -1.6
WRAB comp=Z,32nm,1.4s 42.10 193 P Pmax 16 15 54.7 -1.6
WRAB comp=Z,32nm,1.4s 42.10 193 P Pmax 16 15 54.7 -1.6

29d 16h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like WRA, CHTO, CM31, CMAR, CMAR, CMAR, ZAK, MND, GOMU, LEM, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, KOUNC, PSI, RPSI, LIFNC, DZM, DZM, WMQ, WMQ, MSVF, DGZ, STKA, STKA, M13K, K13K, ZSN, ZSN, ZSN, O14K, L14K, M14K, M14K, ANM, F14K, CHGN, O15K, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, N15K, K15K, F15K, MK31, MK31, MK31, MKAR, MKAR, MKAR, MAKZ, MAKZ, MAKZ, MAKZ, N16K, H16K, M16K, J16K, AFI, HUH, O17K, L17K, N17K, J17K, K17K, G17K, D17K, H17K, E17K, RDO3, Q18K, SEM.

2017 SEP

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SEM, SEM, N18K, L18K, O18K, H18K, E18K, J18K, UZB, UZB, UZB, TTA, O19K, Q19K, KPKS, KPKS, N19K, N19K, L19K, SATY, SATY, TDK, TDK, KDAK, KDAK, KDAK, M19K, KURK, KURK, KURK, J19K, KURBB, KURBB, F19K, G19K, H19K, NRIK, NRIK, NRIK, K20K, E19K, M20K, D19K, J20K, J20K, I20K, H20K, TNSS, TNSS, F20K, D20K, PPLA, BRSE, SKT, SKT, IMAR, CAST, CAST, CHUM, NWA0, SUA, G21K, H21K, H21K, F21K, M21K, RC01, BPAW, BPAW, TRF, TRF, TRF, B21K, H22K, MLY, MLY, F22K, G22K, D22K, PWL, KNK, E22K, AAK, AAK, SML, MCK.

2108

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like WAT1, I23K, I23K, NEA2, BTLS, BTLS, H23K, G23K, M23K, WAT6, SCM, SCM, SCM, SCM, SCM, D23K, MDM, MDM, DHY, E23K, C23K, TOLK, H24K, POKR, BRZS, BRZS, BRZS, EYAK, KLU, E24K, IL31, ILAR, ILAR, G24K, F24K, D24K, C24K, K24K, HARP, BMRM, N25K, J25K, H25L, PRP, RIDG, RIDG, F25K, GLB, D25K, E25K, SCRK, CROM, CROE, BVAR, BVAR, L26K, MCAR, BRVK, BRVK, BRVK, BRVK, J26L, J26L, M26K, F26K, G26K, M27K, M27K, K27K, L27K, L27K, CTG, I27K, H27K, G27K, BVCY, E27K, YUK3, PINN, O28M, D27M, YUK8, YUK8, I28M, I28M, PNL, F28M, F28M.

DAWY Dawson	65.20	28	P	P	16 18 47.2 +2.2
E28M Babbage River	65.39	23	P	P	16 18 48.9 +2.8
SI MJ Simiganj	65.43	304	P	S P	16 18 48.1 +1.1
SI MJ Simiganj	65.43	304	P	S P	16 18 48.1 +1.1
YUKA Talbot Arm	65.49	31	P	P	16 18 49.8 +2.8
M29M Mount Kennedy	65.53	32	P	P	16 18 49.5 +2.3
Q29N Somme Creek	65.58	30	I Amb	I Amb	16 18 51.1
M29M Somme Creek	65.58	30	P	P	16 18 50.1 +2.6
YUK6 Outpost Mounta	65.63	32	P	P	16 18 50.7 +2.7
H29M Whitestone	65.71	26	P	I Amb	16 18 50.1 +2.0
H29M Whitestone	65.71	26	P	P	16 18 50.4 +2.3
L29M L29M	65.74	29	P	P	16 18 51.4 +2.9
G29M Pine Creek	65.87	25	P	P	16 18 52.2 +3.0
P29M Windy Craggy	65.96	33	I Amb	I Amb	16 18 53.2
P29M Windy Craggy	65.96	33	P	P	16 18 52.9 +3.0
E29M Blow River	65.98	23	P	P	16 18 52.7 +2.8
HYT Haines Junctio	66.05	32	I Amb	I Amb	16 18 54.3
HYT Haines Junctio	66.05	32	P	P	16 18 53.1 +2.5
N30M Aishikik Lake	66.24	31	P	P	16 18 52.1 +0.4
N30M Aishikik Lake	66.24	31	P	P	16 18 54.3 +2.6
P30M Million Dollar	66.33	32	P	P	16 18 54.9 +2.6
M30M Minto, Yukon	66.36	30	P	P	16 18 54.6 +2.2
EPYK Eagle Plains	66.38	26	I Amb	I Amb	16 18 55.6
EPYK Eagle Plains	66.38	26	P	P	16 18 54.8 +2.2
I30M Mount Dempster	66.52	27	P	P	16 18 55.8 +2.3
J30M Hart River	66.54	28	P	P	16 18 55.5 +1.9
G30M Aash Zraii Nij	66.58	25	I Amb	I Amb	16 18 56.8
G30M Aash Zraii Nij	66.58	25	P	P	16 18 55.7 +1.9
PLCB Pleasant Camp	66.66	33	P	P	16 18 56.6 +2.2
O30N Mendenhall	66.74	32	P	P	16 18 56.8 +1.9
F30M Barrier River	66.76	24	P	P	16 18 56.9 +2.1
S31K Pelican	66.81	35	P	P	16 18 58.5 +3.2
N31M Braeburn, Yuko	66.86	31	I Amb	I Amb	16 18 59.3
N31M Braeburn, Yuko	66.86	31	P	P	16 18 57.4 +1.7
URZ Urewera	67.03	152	LR	LR	16 44 38.2
SKAG Skagway	67.32	33	P	P	16 19 00.2 +2.5
WHY Whitehorse	67.34	32	I Amb	I Amb	16 19 02.3
WHY Whitehorse	67.34	32	P	P	16 19 01.3 +2.5
G31M Satah River	67.35	25	P	P	16 19 00.1 +1.5
H31M Peel River	67.35	26	I Amb	I Amb	16 19 01.7
H31M Peel River	67.35	26	P	P	16 18 59.7 +1.0
M31M Drury Creek, Y	67.49	30	P	P	16 19 01.0 +1.4
F31N Tsigitchic	67.55	24	P	P	16 19 01.3 +1.5
INK Inuvik	67.60	24	I Amb	I Amb	16 19 02.6
INK Inuvik	67.60	24	P	P	16 19 01.9 +1.8
INK Inuvik	67.60	24	LR	LR	16 48 21.4
FARO Faro, Yukon	67.97	30	I Amb	I Amb	16 19 24.0
FARO Faro, Yukon	67.97	30	P	P	16 19 04.1 +1.5
P32M Athin	68.00	33	P	P	16 19 04.7 +1.8
N32M Quiet Lake	68.18	31	P	P	16 19 06.1 +2.1
P33M Teslin, Yukon	68.40	32	I Amb	I Amb	16 20 55.5
P33M Teslin, Yukon	68.40	32	P	P	16 19 07.7 +2.3
SVE Sverdlovsk	68.72	324	eP	P	16 19 08.5 +1.1
SVE Sverdlovsk	68.72	324	pmax	pmax	
Q32M Nakina River	68.80	34	P	P	16 19 10.0 +1.9
MMPY Sheldon Lake,	68.91	30	P	P	16 19 10.9 +2.3
RPZ Rata Peaks	69.41	159	LR	LR	16 46 17.9
R33M Jennings River	69.42	33	P	P	16 19 13.8 +2.0
S34M Telegraph Cree	69.52	35	P	P	16 19 14.7 +2.4
V35K Ketchikan	69.61	37	P	P	16 19 15.5 +2.6
ARU Arti	69.91	324	dP	P	16 19 15.0 +0.3
ARU Arti	69.91	324	S	S	16 19 39.1
ARU Arti	69.91	324	pmax	pmax	16 28 19.5 -1.6
ARU Arti	69.91	324	P	P	16 19 15.2 +0.5
ARU Arti	69.91	324	LR	LR	16 50 55.6
ARU Arti	69.91	324	P	P	16 19 15.1 +0.3
DLBC Dease Lake	70.03	34	P	P	16 19 17.9 +2.4
T35M Bob Quinn	70.13	35	P	P	16 19 18.9 +2.8
ABKAR Abkutal array	70.23	316	P	P	16 19 17.2 +0.3
ABKAR Abkutal array	70.23	316	P	P	16 19 16.7 -0.1
ABKAR Abkutal array	70.23	316	I Amb	I Amb	16 19 18.3
TGNT Hyland Airport	70.44	31	P	P	16 19 20.4 +2.4
AKTO Aktyubinsk	71.24	318	LR	LR	16 52 03.3
LIRD Liard River Hi	71.87	37	P	P	16 19 28.9 +2.3
BBB Bella Bella	72.22	40	LR	LR	16 43 57.4
WRGLY Wrigley	72.34	28	P	P	16 19 31.4 +2.1
GEYT Allibeck	73.96	305	P	P	16 19 39.5 0.0
KIRV Kirov	74.30	327	P	P	16 19 41.0 +0.1
KIRV Kirov	74.30	327	LR	LR	16 54 41.9
PRGR Permogore	75.26	331	eP	P	16 19 46.0 -0.4
PRGR Permogore	75.26	331	pmax	pmax	
PPT Papeete	75.81	115	LR	LR	16 51 58.6
PPT Papeete	75.81	115	LR	LR	16 42 54.7
SPITS Spitsbergen Ar	76.26	350	LR	LR	16 56 27.1
YKA Yellowknife Ar	76.44	28	eP	P	16 19 54.7 +1.6
YKA Yellowknife Ar	76.44	28	pmax	pmax	
YKA Yellowknife Ar	76.44	28	P	P	16 19 54.8 +1.7

YKA	LR	LR	16 51 38.3		
GNW Green Mountain	76.69	44	I Amb	I Amb	16 19 58.8
BELG Belgomogoye	77.05	321	i P	P	16 19 57.6 +0.8
BELG Belgomogoye	77.05	321	P	P	16 19 57.7 +0.9
BELG Belgomogoye	77.05	321	LR	LR	16 56 24.8
BELG Belgomogoye	77.05	321	P	P	16 19 57.7 +0.9
RES Resaute Bay	77.24	13	LR	LR	16 53 10.7
LVZ Lovozero	77.34	339	eP	P	16 19 58.3 +0.1
KLVM Klimovskoe	78.30	331	eP	AMP	16 20 00.1 -3.5
KLVM Klimovskoe	78.30	331	eP	AMP	16 20 04.8
KLVM Klimovskoe	78.30	331	eP	AMP	16 20 09.5 -3.3
KLVM Klimovskoe	78.30	331	eP	AMP	16 20 09.4
YBH Yreka Blue Hor	78.53	50	P	P	16 20 05.4 0.0
YBH Yreka Blue Hor	78.53	50	P	P	16 20 05.4 0.0
YBH Yreka Blue Hor	78.53	50	P	P	16 20 07.4 +2.0
YBH Yreka Blue Hor	78.53	50	P	P	16 20 07.4 +2.0
L04D Klamath Falls	78.67	49	P	P	16 20 06.0 -0.2
ARCES ARCESS Array B	79.43	342	eP	P	16 20 10.3 +0.7
ARCES ARCESS Array B	79.43	342	LR	LR	16 59 07.0
ARCES ARCESS Array B	79.43	342	LR	LR	16 59 07.0
K05A Wood Farm, Sta	80.05	44	I Amb	I Amb	16 20 11.1 +0.4
E09A Wood Farm, Sta	80.05	44	I Amb	I Amb	16 20 16.8
NEW Newport	80.09	42	P	P	16 20 15.2 +1.5
NEW Newport	80.09	42	P	P	16 20 15.3 +1.5
NEW Newport	80.09	42	P	P	16 48 50.2
TAOE Nuku Hiva Isla	80.34	103	eLR	LR	16 45 08.8
VRH Novokhopoyevsk	80.90	321	eP	P	16 20 16.8 -1.1
VRH Novokhopoyevsk	80.90	321	P	P	16 20 21.8
NEEM North Greenlan	80.99	3	i P	I Amb	16 20 18.8 +0.4
NEEM North Greenlan	80.99	3	I Amb	I Amb	16 20 20.1
BMO Blue Mountains	81.19	45	I Amb	I Amb	16 20 22.9
GROC Groznyy	81.30	313	eP	P	16 20 20.5 +0.3
GROC Groznyy	81.30	313	pmax	pmax	
CMB Columbia Colle	81.44	53	I Amb	I Amb	16 20 24.2
PNTR Pine Nut	81.65	51	I Amb	I Amb	16 20 25.8
OBN Obninsk	82.11	326	eP	P	16 20 24.3 +0.1
OBN Obninsk	82.11	326	ePP	pP	16 20 21.9 +0.5
OBN Obninsk	82.11	326	e	e	16 23 32.6
OBN Obninsk	82.11	326	ePPP	PPP	16 25 22.5
OBN Obninsk	82.11	326	MLR	MLR	
OBN Obninsk	82.11	326	LR	LR	17 00 25.7
VORR Voronezh	82.16	323	eP	P	16 20 25.4 +0.9
VORR Voronezh	82.16	323	eP	P	16 20 28.0 +0.5
NCK Nalchik	82.68	314	eP	P	16 20 28.0 +0.5
NCK Nalchik	82.68	314	pmax	pmax	
MFID Camas Ranch	82.72	46	I Amb	I Amb	16 20 31.0
ZEI Tsey	82.74	313	eP	P	16 20 27.6 -0.5
ZEI Tsey	82.74	313	pmax	pmax	
KVN Kaisersville	82.76	51	I Amb	I Amb	16 20 31.3
NVAR Mina Array Bea	82.84	52	P	P	16 20 31.1 +2.5
NVAR Mina Array Bea	82.84	52	LR	LR	16 50 18.8
PKM Mchperson Peak	82.98	55	P	P	16 20 31.4 +1.9
KBZ Khabaz	83.06	314	dP	P	16 20 30.3 +0.9
KBZ Khabaz	83.06	314	pmax	pmax	
KBZ Khabaz	83.06	314	P	P	16 20 30.6 +1.2
KBZ Khabaz	83.06	314	LR	LR	17 00 24.2
KIV Kislodovsk	83.11	314	eP	P	16 20 29.9 +0.1
KIV Kislodovsk	83.11	314	eP	P	16 20 31.8 +1.6
GNI Garni	83.15	310	dP	P	16 20 31.8 +1.6
GNI Garni	83.15	310	pmax	pmax	
GNI Garni	83.15	310	LR	LR	17 00 28.3
SCZ Santa Cruz Isl	83.44	56	P	P	16 20 33.5 +1.9
DS2 Deep Springs	83.47	53	I Amb	I Amb	16 20 35.3
HLID Hailey	83.47	56	P	P	16 20 33.7 +1.2
ISA Isabella Lake	83.72	54	P	P	16 20 33.9 +0.8
CWC Cottonwood Cre	83.73	53	P	P	16 20 34.9 +1.7
FINES FINESS Array B	83.75	335	P	P	16 20 32.4 -0.2
ELK Elko	84.15	49	I Amb	I Amb	16 20 38.6
ELK Elko	84.15	49	P	P	16 20 36.4 +1.0
ELK Elko	84.15	49	LR	LR	16 52 01.6
MPMC Manual Prospec	84.32	54	P	P	16 20 38.3 +2.0
EDW2 Edwards Air Fo	84.38	55	P	P	16 20 38.5 +2.0
LRMC Laurel Mtn Rad	84.39	54	P	P	16 20 38.4 +1.9
BUC Bozeman (W)	84.59	43	P	P	16 20 38.6 +1.2
FURZ Fureca Creek,	84.63	53	P	P	16 20 39.8 +2.3
EGMT Egleton	84.71	40	I Amb	I Amb	16 20 40.6
EGMT Egleton	84.71	40	P	P	16 20 39.5 +1.7
QSM Queen of Sheba	84.82	54	I Amb	I Amb	16 20 41.5
R11B Troy Canyon, C	84.84	51	P	P	16 20 40.9 +2.0
BFSQ Malm Baldy Ra	84.88	55	P	P	16 20 40.6 +1.6
GWY Greenwater Val	84.89	53	I Amb	I Amb	16 20 41.9
TPNV Topopah Spring	84.90	52	I Amb	I Amb	16 20 42.2
TPNV Topopah Spring	84.90	52	P	P	16 20 41.1 +1.9
GSC Goltonne, Bar	85.12	54	P	P	16 20 41.7 +1.5
MEF Metsahovi	85.13	334	eP	P	16 20 39.5 -0.1
VSU Vasula	85.14	332	dP	P	16 20 38.8 -0.8

VSU Vasula	85.14	332	eP	P	16 20 40.1 +0.4
VSU Vasula	85.14	332	I Amb	I Amb	16 20 45.6
SPR3 Spring Creek 3	85.49	50	I Amb	I Amb	16 20 45.6
HEC Hector, Ludlow	85.56	54	P	P	16 20 44.5 +1.6
RAF Rauma	85.69	336	eP	P	16 20 41.8 -0.5
TUC Turquoise Moun	85.73	54	P	P	16 20 45.2 +1.9
FFC Filn Flon	85.76	32	P	P	16 20 41.2 -1.6
IMW Indian Meadow	85.76	44	P	I Amb	16 20 40.9 -2.6
H17A Grant Village	85.78	44	P	P	16 20 46.6 +3.1
FLWY Flagg Ranch	85.84	44	P	P	16 20 43.7 0.0
SPUT South Promonto	85.85	47	P	P	16 20 43.9 +0.1
SHPR Sheep Range	85.88	52	P	P	16 20 42.5 -1.4
TPAW Teton Pass	85.93	45	I Amb	I Amb	16 20 43.2 -1.1
MOOW Moose Ponds	85.95	44	P	P	16 20 43.0 -1.3
PFO Pinyon Flats O	86.04	56	I Amb	I Amb	16 20 43.6 -1.3
PFO Pinyon Flats O	86.04	56	dP	P	16 20 46.1 +1.3
PFO Pinyon Flats O	86.04	56	P	P	16 20 46.0 +1.1
PFO Pinyon Flats O	86.04	56	P	P	16 20 45.6 +0.8
PFO Pinyon Flats O	86.04	56	LR	LR	16 51 23.2
TPFO Pinon Flats	86.04	56	P	P	16 20 46.2 +1.3
DUG Dugway, Tooele	86.07	48	P	P	16 20 44.9 0.0
DUG Dugway, Tooele	86.07	48	P	P	16 20 44.9 0.0
DUG Dugway, Tooele	86.07	48	pmax	pmax	
DUG Dugway, Tooele	86.07	48	P	P	16 20 46.9 +2.0
PMD Palm Desert	86.09	55	I Amb	I Amb	16 20 47.5
GMRC Granite Moun	86.19	54	P	P	16 20 47.4 +1.8
BAR Barrett	86.23	56	P	P	16 20 42.1 -3.6
BAR Barrett	86.23	56	I Amb	I Amb	





Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KARF Karpathos, DED Mersin, BR231 Keskin MP Arra, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like UJAP Al Uja, UJAP Al Uja, AMAZ Amatzia, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like AKKB Malin Array Si, AKKB Malin Array Si, MAK Malinchakala, etc.

29d 16h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LPL, BFO, ECH, HIN, CABF, VIVF, VSU, GEYT, GYAO, SMF, MTSE, LOR, SSF, TCF, MEF, AKTO, MZR, SHME, AAL, ASUD, NAZ, AB31, ABKAR, FAQ, KLMR, MASF, MDSH, KIRV, UOSS, ASHO, ALNE, SOHO, SOHO, HFS, JASK, PRGR, HOQ, ARU, ARU, ARU, NA001, NB201, NB2, NOA, NB000, ESDC, SMDO, NC204, DOK, WSR, SVE, MHTO, EKA, PBAR, PMRV, MTE, PCBR, PESTR, PVAQ, PVEJ, EVO, PMTG, PBDV, PCVE.

2017 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KKAR, PNCL, KBL, BRVK, BVAR, OTUK, ARCES, AAK, NIL, BOOM, TOAD, TORD, KSH, KURBB, KURK, MBAR, KMBQ, MAKZ, MK31, MKAR, ZAAO, ZALV, BORG, DGZ, WMO, SCO, DBIC, NRIK, PYUN, DANN, KOLN, GKN, DMN, KKN, PKI, GUN, JIRN, RAMN, GTA, SONM, SONM, SONM, ULN, BOD, TSMU, MND, MND, BTO, BTO, BTO, PZH, VNI, HHC.

2122

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHTO, LBTB, CM31, CMAR, SCHQ, BOSA, HEH, SUR, NJ2, KULM, USRK, KRSR, KRSR, WRA, ASAR, ASAR, ACOS, ACOS, ABEZ, SANTA, SANTA, BELE, BELE, SJSJ, LUPE, DOMI, DOMI, HDC3, HDC3, TRIO, TRIO, OCM, CORON, CORON, JACO, RAMO, SRA1, CVMO, HAYA, PCAYA, VICA, CDM, CDM, CRMI, CVTV, VERB, EDDO, RVSTA, RVSTA, HPEZ, SOCE, LCOCCO, LCOCCO, FORC, CASO, CASO, VACR, CEDE, CEDE, JITS, SGBR, TABAC, TABAC, BATAN, COVE, SREB, COTE, COTE, EDNP, DRKO, EDBA, EDBA, ACAL, ACAL, PTEN, MOTZ, VERA, CUI, COLC, CUI, HORNC, HORNC, CANAL, CANAL, MESS, MESS, VMAR, VMAR, LIM1, LIM1, CLARA, SAJU, GPS2, GPS3, GPS3, GPS3, EDPA, EDPA, LAPC, LAPC, BUEV, BUEV, BUIA, BUIA, GB1A, GB1A, GBS3, GBS3, EDSV, EDSV, ACON, ACON.

SOME 29 16:23:47.7, 41.02°N, 78.42°E, h10km
NNC 29 16:23:48.8, 1.2, 41.02°N, 78.45°E, h0km, mb.1, mpv3.7,
Error ellipse = s-maj=7.9km s-min=5, km az=164.0
KRNET 29 16:23:48.2, 0.1, 41.02°N, 78.43°E, h15km, mb.5
ISC 29 16:23:49.2, 1.6, 41.02°N, 0.07, 78.41°E, 0.04, h10km, n71,
@174/86, 25C-18D, Kyrgyzstan-Xinjiang border region

2113	PRZ	Przheval'sk baz=59	1.46 360	eP	Pb	16 24 15.9	-0.7
	PRZ	/S			Sg	16 24 36.1	-0.1
	ANVS	Anan'yev baz=42	1.85 343	/P	Pb	16 24 22.7	-0.5
	ANVS	/S			Sg	16 24 47.9	-0.7
	NRN	Naryn baz=83	1.87 284	/P	Pb	16 24 23.1	-0.5
	NRN	/S			Sg	16 24 48.9	-0.3
	SATY	Saty 45nm,0.5s	2.04 360	Pg	Pg	16 24 26.7	-1.6
	SATY	130nm,0.4s			Lg	16 24 54.7	
	SATY	Saty 45nm,0.3s	2.04 360	eP	Pg	16 24 26.7	-1.6
	SATY	/S			Lg	16 24 54.7	
	ULHL	Ulahol SNR=47	2.04 308	P	Pb	16 24 24.6	-0.1
	ULHL	Ulahol baz=8.0	2.04 308	/P	Pb	16 24 25.6	-0.8
	ULHL	/S			Sg	16 24 52.9	-1.8
	ZHN	Zhinshke 31nm,0.3s	2.15 0	Pg	Pg	16 24 28.5	-1.8
	ZHN	/S			Lg	16 24 58.0	
	ZHN	Zhinshke 31nm,0.3s	2.15 0	eP	Pg	16 24 28.5	-1.8
	ZHN	/S			Lg	16 24 58.0	
	SHLS	Shalkode 82nm,0.3s	2.27 20	Pg	Pg	16 24 32.8	+0.1
	SHLS	296nm,0.5s			Lg	16 25 05.6	
	SHLS	Shalkode 82nm,0.3s	2.27 20	eP	Pg	16 24 32.8	+0.1
	SHLS	301nm,0.3s			Lg	16 25 05.6	
	TNSS	Tian-Shan 52nm,0.3s	2.29 332	Pg	Pb	16 24 30.9	+0.1
	TNSS	65nm,0.6s			Lg	16 25 02.2	
	TNSS	Tian-Shan 52nm,0.3s	2.29 332	eP	Pb	16 24 30.9	+0.1
	TNSS	65nm,0.6s			Lg	16 25 02.2	
	BOOM	Boomskeye usch baz=9.0	2.36 309	/P	Pb	16 24 30.2	-1.7
	BOOM	/S			Sb	16 25 00.7	-0.5
	KOTS	Kotrybulak 40nm,0.4s	2.42 337	Pg	Pb	16 24 33.2	+0.4
	KOTS	289nm,0.5s			Lg	16 25 06.9	
	KOTS	Kotrybulak 40nm,0.2s	2.42 337	eP	Pg	16 24 33.5	-1.9
	KOTS	289nm,0.5s			Lg	16 25 06.9	
	IZV	Izvestkoviy 8.9nm,0.2s	2.42 327	Pg	Pb	16 24 32.8	-0.1
	IZV	108nm,0.4s			Lg	16 25 06.0	
	IZV	Izvestkoviy 8.9nm,0.2s	2.42 327	eP	Pb	16 24 33.1	+0.2
	IZV	106nm,0.2s			Lg	16 25 06.0	
	PDGK	Podgornoye 18nm,0.4s	2.44 19	Pg	Pb	16 24 32.6	-0.7
	PDGK	81nm,0.8s			Lg	16 25 05.6	
	PDGK	Podgornoye 24nm,0.5s	2.44 19	/P	Pb	16 24 31.5	-1.8
	PDGK	50nm,0.5s			Lg	16 25 06.4	
	KNDC	Almaty 60nm,0.5s	2.44 334	/P	Pg	16 24 37.3	+1.2
	KNDC	169nm,0.5s			Lg	16 25 08.5	
	KPKS	Kokpek 40nm,0.2s	2.45 5	Pg	Pb	16 24 33.4	0.0
	KPKS	458nm,0.6s			Lg	16 25 07.3	
	KPKS	Kokpek 40nm,0.2s	2.45 5	eP	Pb	16 24 33.8	+0.4
	KPKS	458nm,0.6s			Lg	16 25 07.3	
	AAA	Alma-Ata 80nm,0.3s	2.46 333	Pg	Pg	16 24 34.5	-1.7
	AAA	344nm,0.6s			Lg	16 25 08.6	
	AAA	Alma-Ata 80nm,0.3s	2.46 333	eP	Pg	16 24 34.5	-1.7
	AAA	344nm,0.6s			Lg	16 25 08.6	
	KURS	Kuram 22nm,0.5s	2.47 356	Pg	Pb	16 24 33.9	+0.1
	KURS	62nm,0.4s			Lg	16 25 07.5	
	KURS	Kuram 23nm,0.3s	2.47 356	eP	Pb	16 24 33.9	+0.1
	KURS	80nm,0.2s			Lg	16 25 07.5	
	MTBS	Maitube 8.5nm,0.2s	2.57 326	Pg	Pb	16 24 35.4	-0.1
	MTBS	44nm,0.4s			Lg	16 25 10.6	
	MTBS	Maitube 8.5nm,0.2s	2.57 326	eP	Pb	16 24 35.8	+0.3
	MTBS	60nm,0.2s			Lg	16 25 10.6	
	KST	Kastek 12nm,0.3s	2.72 319	Pg	Pb	16 24 38.0	0.0
	KST	97nm,0.8s			Lg	16 25 13.8	
	KST	Kastek 12nm,0.3s	2.72 319	eP	Pb	16 24 37.7	-0.3
	KST	96nm,0.3s			Lg	16 25 13.8	
	KTMS	Ketmen 12nm,0.4s	2.82 30	Pg	Pb	16 24 38.9	-0.8
	KTMS	48nm,0.5s			Lg	16 25 16.4	
	KTMS	Ketmen 12nm,0.2s	2.82 30	eP	Pb	16 24 39.2	-0.5
	KTMS	48nm,0.5s			Lg	16 25 16.4	
	TKM2	Tokmak 2 SNR=8.7	2.83 313	P	Pb	16 24 37.8	-2.1
	TKM2	Tokmak 2 24nm,0.6s	2.83 313	/P	Pb	16 24 39.7	-0.3
	TKM2	60nm,0.5s			Lg	16 25 19.6	
	TKM2	Tokmak 2 baz=13	2.83 313	/P	Pb	16 24 36.6	-3.3
	TKM2	/S			Sb	16 25 12.0	-2.7
	DGS	Degeres 25nm,0.7s	2.96 319	Pg	Pb	16 24 42.3	+0.2
	DGS	87nm,0.6s			Lg	16 25 22.0	
	DGS	Degeres 25nm,0.7s	2.96 319	eP	Pb	16 24 42.3	+0.2
	DGS	87nm,0.6s			Lg	16 25 22.0	
	KTBS	Karatobe 12nm,0.3s	2.98 335	Pg	Pb	16 24 42.2	-0.2
	KTBS	141nm,0.4s			Lg	16 25 22.4	
	KTBS	Karatobe 12nm,0.1s	2.98 335	eP	Pb	16 24 42.7	+0.3
	KTBS	/S			Lg	16 25 22.4	
	KBK	Karagaybulak SNR=12	3.06 303	P	Pb	16 24 44.9	+1.0
	KBK	Karagaybulak baz=3.0	3.06 303	/P	Pn	16 24 39.9	+2.1
	KBK	/S			Sb	16 25 17.6	-3.8
	BLB	Baldybastay 5.3nm,0.2s	3.08 1	Pg	Pb	16 24 44.8	+0.7
	BLB	201nm,0.5s			Lg	16 25 26.1	
	UCH	Uchtor SNR=20	3.16 294	P	Pb	16 24 46.1	+0.4

2017 SEP	UCH	Uchtor baz=94	3.16 294	eP	Pn	16 24 41.5	+2.1
	UCH	/S			Sn	16 25 20.2	+2.7
	ARLS	Aral baz=87	3.19 287	/P	Pn	16 24 41.4	+1.9
	ARLS	/S			Pn	16 25 20.3	+2.6
	ARXS	Arhary 33nm,0.4s	3.22 352	Pg	Pg	16 25 47.4	+0.9
	ARXS	/S			Lg	16 24 30.7	
	ARXS	Arhary 73nm,0.5s	3.22 352	eP	Pb	16 24 47.4	+0.9
	ARXS	73nm,0.2s			Lg	16 25 30.7	
	FRU1	Bishkek baz=4.0	3.34 304	/P	Pn	16 24 44.0	+2.5
	FRU1	/S			Sn	16 25 24.5	+3.2
	AAK	Ala-Archa SNR=9	3.34 300	P	Pg	16 24 50.8	-2.5
	AAK	Ala-Archa baz=0.0	3.34 300	/P	Pn	16 24 43.8	+2.1
	AAK	/S			Sn	16 25 24.1	+2.6
	KRBS	Karabastau 3.8nm,0.3s	3.36 324	Pg	Pg	16 24 49.4	+0.5
	KRBS	36nm,0.5s			Lg	16 25 33.8	
	KRBS	Karabastau 9.5nm,0.3s	3.36 324	eP	Pb	16 24 49.4	+0.5
	KRBS	36nm,0.5s			Lg	16 25 33.8	
	CHMS	Chumysh SNR=20	3.37 307	P	Pg	16 24 49.3	+0.3
	CHMS	Chumysh 16nm,0.5s	3.37 307	/P	Pg	16 24 52.3	-1.4
	CHMS	22nm,0.7s			Lg	16 25 36.0	
	CHMS	Chumysh baz=7.0	3.37 307	/P	Pn	16 24 43.9	+2.0
	CHMS	/S			Sn	16 25 24.8	+2.8
	KNOS	Konyren SNR=20	3.38 9	Pg	Pg	16 24 49.5	+0.1
	KNOS	/S			Lg	16 25 34.9	
	USP	Ospenovka SNR=6.6	3.67 309	P	Sg	16 25 46.2	-1.0
	AML	Almayashu SNR=12	3.71 289	P	Pb	16 24 54.5	-0.6
	AML	Almayashu 1.3nm,0.5s	3.71 289	/P	Pg	16 24 59.5	-0.7
	AML	3.4nm,0.7s			Lg	16 24 49.1	
	AML	Almayashu baz=89	3.71 289	/P	Pn	16 25 44.1	+2.2
	AML	/S			Sn	16 25 33.5	+2.6
	EKS2	Erkin-Say SNR=20	3.83 297	P	Pb	16 24 58.8	+1.8
	TDK	Taldyqorghan 22nm,0.2s	3.98 360	Pg	Pg	16 25 02.7	-2.6
	TDK	64nm,0.5s			Lg	16 25 56.6	
	TDK	Taldyqorghan 22nm,0.2s	3.98 360	eP	Pg	16 25 02.8	-2.6
	TDK	106nm,0.5s			Lg	16 25 56.6	
	MRKS	Merke 10nm,0.6s	4.24 296	Pg	Pg	16 25 06.7	-3.6
	MRKS	8.9nm,0.8s			Lg	16 26 03.6	
	MRKS	Merke 10nm,0.6s	4.24 296	eP	Pg	16 25 06.7	-3.6
	MRKS	12nm,0.3s			Lg	16 26 03.6	
	MNAS	Manas baz=90	4.66 290	/P	Pn	16 25 01.9	+2.2
	MNAS	/S			Sn	16 25 55.5	+1.6
	BTLS	Baital 1.9nm,0.4s	5.14 323	Pg	Pb	16 25 22.3	+3.2
	BTLS	6.0nm,0.8s			Lg	16 26 29.9	
	BTLS	Baital 2.1nm,0.2s	5.14 323	eP	Pb	16 25 22.3	+3.2
	BTLS	6.0nm,0.8s			Lg	16 26 29.9	
	KK31	Karatay Array 2.7nm,0.7s,baz=99,slow=15,SNR=7.1	6.24 292	/P	Pg	16 25 44.9	-3.7
	KK31	/S			Lg	16 27 04.5	
	MK31	0.4nm,0.6s,baz=106,slow=25,SNR=3.9	6.41 25	/P	Pn	16 25 24.2	+0.6
	MK31	2.1nm,0.2s,baz=205,slow=13,SNR=12			Pb	16 25 40.1	-0.7
	MK31	0.5nm,0.3s,baz=198,slow=13,SNR=2.6			Lg	16 27 09.5	
	MK31	2.8nm,0.6s,baz=209,slow=26,SNR=4.0			Lg	16 27 09.5	

PDG 29 16:43:02.5:0.1, 42.53N:20:28E, h9km, MD2.7/1, ML2.6/10, Error ellipse: s-maj=0.2km s-min=0.3km az=0.0  
RHSSO 29 16:43:02.7:0.7, 42.56N:20:36E, h4km,2km, ML2.5/10  
BEO 29 16:43:02.0:0.4, 42.57N:20:31E, h10km,2km, ML2.3/15  
SKO 29 16:43:03.5:42.63N:20:34E, h2km, ML2.6  
ISC 29 16:43:02.6:1.1, 42.59N:0:02:20:34E, h2km,10km, n65, r=157/114, 16C-15D, Northwestern Balkan

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PVY	Plav	0.28 272	/P	Pg	16 43 07.3 -0.6
PVY	/S			Sg	16 43 11.4 -0.2
BEY	Berane	0.43 312	/P	Pg	16 43 11.0 +0.1
BEY	/S			Pg	16 43 10.9 0.0
IVA	Ivanjica	0.43 312	/P	Pg	16 43 18.1 +1.5
SJES	Sjenica	0.73 339	eP	Pg	16 43 16.8 +0.3
SJES	/S			Pg	16 43 21.7 +1.1
SJES	Sjenica	0.73 339	/P	Pg	16 43 16.6 +0.1
SJES	/S			Pg	16 43 21.7 +1.1
PDG	Podgorica	0.81 259	/P	Pg	16 43 18.2 +0.1
PDG	/S			Sb	16 43 30.8 0.0
PDG	Podgorica	0.81 259	eP	Pg	16 43 16.7 -1.4
PDG	/S			Sg	16 43 29.4 +0.7
PDG	Podgorica	0.81 259	eP	Pg	16 43 16.8 -1.4
PDG	/S			Sg	16 43 28.5 -0.2
PDG	Podgorica	0.81 259	/P	Pg	16 43 17.7 -0.4
PDG	/S			Pg	16 43 29.8 +1.1
PDG	Podgorica	0.81 259	/P	Pg	16 43 16.5 -1.6
PDG	/S			Pg	16 43 28.7 0.0
SEL	Selova	0.86 42	eP	Pg	16 43 19.3 +0.3
SELS	/S			Sb	16 43 32.9 +0.8
DRME	Dracevica, Mon	0.94 245	eP	Pg	16 43 19.5 -1.1
DRME	/S			Pg	16 43 32.8 0.0
DRME	Dracevica, Mon	0.94 245	/P	Pg	16 43 18.5 -2.1
DRME	/S			Sg	16 43 32.5 -0.3
IVAS	Ivanjica	1.00 352	/P	Pg	16 43 19.0 +0.1
IVAS	/S			Sg	16 43 34.7 0.0
PLE	Piljevica	1.02 317	/P	Pg	16 43 21.6 -0.5
PLE	/S			Sb	16 43 37.5 +0.7
ULC	Ulcinj	1.02 233	/P	Pg	16 43 21.2 -0.9
ULC	/S			Pg	16 43 20.2 -1.9
ULC	Ulcinj	1.02 233	/P	Pg	16 43 25.4 +0.1
ULC	/S			Pg	16 43 21.0 -1.1
SKO	Skopje	1.02 126	/P	Pg	16 43 37.9 -0.9
SKO	/S			Sn	16 43 21.3 -1.1
NKME					







NKL	Nikolayevsk	11.68 278	ePN	Pn	19 27 47.2 +2.1
NKL	comp=E,497nm,1.2s		pmax	pmax	
NKL	comp=N,289nm,1.3s		pmax	pmax	
NKL	comp=Z,688nm,1.4s		MLR	MLR	
NKL	comp=N,3um,15.0s		MLR	MLR	
NKL	comp=E,3um,15.0s		MLR	MLR	
NKL	comp=Z,13um,18.0s		MLR	MLR	
AMKA	Amehika	11.88 91	Pn	Pn	19 27 48.3 +0.6
UGL	Uglegorsk	12.06 257	ePN	P	19 27 56.4 -5.0
UGL	comp=Z,3um,1.6s		eS	pmax	19 30 14.8 +12
UGL	comp=Z,688nm,1.3s		pmax	pmax	
UGL	comp=N,1um,6.0s		smax	smax	
UGL	comp=E,3um,4.0s		MLR	MLR	
UGL	comp=N,2um,18.0s		MLR	MLR	
UGL	comp=E,3um,15.0s		MLR	MLR	
YSS	Yuzh-Sakhalins	12.76 248	Pn	Pn	19 27 58.4 -1.4
YSS	Yuzh-Sakhalins	12.76 248	ePN	Pn	19 28 03.5 +3.6
YSS	YSS		eS	Sn	19 30 23.8 +3.6
YSS	comp=Z,100nm,1.1s		pmax	pmax	
YSS	comp=Z,800nm,6.9s		MLR	MLR	
YSS	comp=Z,3um,15.0s		MLR	MLR	
YSS	comp=E,2um,17.0s		MLR	MLR	
SHO	Shikotan	12.79 229	ePN	Pn	19 27 55.9 -4.4
SHO	comp=N,90nm,0.4s		pmax	pmax	
SHO	comp=E,98nm,0.4s		pmax	pmax	
SHO	comp=Z,146nm,0.4s		pmax	pmax	
YUK	Yuzh-Kuril'sk	13.11 232	ePN	Pn	19 28 02.6 -2.1
YUK	comp=N,229nm,0.4s		pmax	pmax	
YUK	comp=Z,1um,0.4s		pmax	pmax	
YUK	comp=E,269nm,0.5s		pmax	pmax	
RUSJ	comp=Z,1um,1.0s		pmax	pmax	
NMR	Mitsukicho	13.36 233	ePN	Pn	19 28 05.7 -2.3
KIWB	Nemuro-Hokkai	13.69 230	ePN	Pn	19 28 07.3 -5.1
GSTR	Kanaga Island	13.89 86	Pn	Pn	19 28 15.1 0.0
JKA	Great Sitkin T	14.48 85	Pn	Pn	19 28 22.8 -0.3
ASAJ	Kamikawa-asahi	14.67 239	Pn	Pn	19 28 25.1 -0.4
ASAJ	Asahikawa	14.67 239	P	Pn	19 28 25.1 -0.4
ASAJ	Asahikawa	14.67 239	P	Pn	19 28 27.0 +1.4
ASAJ	comp=Z,324nm,1.0s,baz=68,slow=11,SNR=62		LR	LR	19 33 41.6
GRNR	Gorny	14.80 270	P	P	19 28 31.7 -0.1
GRNR	comp=N,20nm,1.0s		pmax	pmax	
GRNR	comp=E,40nm,1.1s		pmax	pmax	
GRNR	comp=Z,40nm,1.1s		MLR	MLR	
ATKA	Atka Island	15.57 83	Pn	Pn	19 28 36.0 -1.0
ATKA	Atka Island	15.57 83	P	Pn	19 28 37.8 +0.7
ERM	Erimo	15.94 232	P	Pn	19 28 37.5 -4.3
ERM	Erimo	15.94 232	P	Pn	19 28 41.5 -0.3
ERM	Erimo	15.94 232	P	Pn	19 28 37.5 -4.3
ERM	comp=Z,308nm,0.5s		pmax	pmax	
SPIA	Saint Paul Isl	17.32 65	P	P	19 28 59.4 -0.2
TEY	Ternei	17.36 252	eP	P	19 29 01.8 +1.6
TEY	comp=N,10.0nm,0.8s		pmax	pmax	
TEY	comp=E,30nm,0.8s		pmax	pmax	
TEY	comp=Z,30nm,0.8s		pmax	pmax	
JTM	Tenmabayashi	17.89 234	IAMB	Pn	19 28 59.5 -6.5
JTM	comp=Z,128nm,0.4s		IAMB	IAMB	19 29 08.4
CLES	Cleveland East	17.99 79	IAMB	Pn	19 29 07.4 +0.2
CLES	comp=Z,268nm,1.0s		IAMB	IAMB	19 29 12.3
GAMB	Gambell	17.99 43	P	Pn	19 29 08.4 +1.3
KLR	Kul'dur	18.16 269	eP	Pn	19 29 10.3 +0.9
KLR	comp=Z,185nm,1.5s		pmax	pmax	
KLR	comp=Z,1um,12.0s		pmax	pmax	
KLR	Kul'dur	18.16 269	P	Pn	19 29 10.2 +0.9
KLR	comp=Z,49nm,0.8s,baz=66,slow=10.0,SNR=41		LR	LR	19 36 22.9
YAK	Yakutsk	18.42 311	P	P	19 29 09.3 -2.4
YAK	comp=Z,294nm,0.9s		IAMB	IAMB	19 29 14.1
YAK	Yakutsk	18.42 311	eS	Pn	19 29 11.5 -0.2
YAK	comp=Z,342nm,1.1s		pmax	pmax	
YAK	comp=E,146nm,1.1s		pmax	pmax	
YAK	comp=N,53nm,1.0s		smax	smax	
YAK	comp=E,88nm,2.0s		smax	smax	
YAK	comp=N,317nm,2.8s		MLR	MLR	
YAK	comp=Z,4um,16.0s		MLR	MLR	
YAK	comp=E,2um,15.0s		MLR	MLR	
YAK	comp=N,1um,13.0s		MLR	MLR	
NIKH	Nikolski High	18.57 78	P	Pn	19 29 15.9 +1.7
NIKH	Nikolski High	18.57 78	P	P	19 29 13.3 -0.2
ZEA	Zeya	19.50 285	eS	P	19 29 24.3 +0.6
ZEA	comp=Z,80nm,0.9s		pmax	pmax	19 32 47.3 -1.4
ZEA	comp=E,200nm,5.9s		pmax	pmax	
ZEA	comp=Z,300nm,6.9s		pmax	pmax	
ZEA	comp=E,200nm,11.7s		smax	smax	
ZEA	comp=E,800nm,16.0s		MLR	MLR	
ZEA	comp=N,600nm,12.0s		MLR	MLR	
M1K	Mekoryuk	19.63 55	P	P	19 29 25.6 +0.6
UNV	Unalaska Valle	19.76 75	P	P	19 29 25.8 -0.6
AKUT	Akutan	20.12 73	P	P	19 29 31.2 +0.8
AKUT	comp=Z,248nm,1.1s		IAMB	IAMB	19 29 36.6
TNA	Tin City	20.19 40	P	P	19 29 30.2 -0.7
TNA	comp=Z,165nm,1.1s		IAMB	IAMB	19 29 34.1
TNA	Tin City	20.19 40	P	Pn	19 29 32.6 -0.6
JMM	Marumori	20.33 229	IAMB	P	19 29 31.4 -1.4
JMM	comp=Z,1um,17.0s		IAMB	IAMB	19 29 37.8
JMM	Marumori	20.33 229	P	P	19 29 32.9 +0.1
HEH	HeiHe	20.39 275	eP	P	19 29 33.5 +0.2
HEH	comp=Z,2um,20.0s		pP	pP	19 29 44.5 +1.1
HEH	comp=Z,2um,20.0s		pP	pP	19 29 53.3 +0.7

HEH	comp=Z,270nm,1.1s		S	S	19 33 16.0 -2.4
HEH	comp=Z,1um,17.3s		pmax	pmax	
HEH	comp=Z,2um,18.4s		LR	LR	
HEH	comp=Z,3um,16.4s		LR	LR	
USA0B	USSuriysk Arra	20.52 255	P	P	19 29 34.2 -0.6
USA0B	comp=Z,99nm,0.8s		IAMB	IAMB	19 29 41.5
USA0B	USSuriysk Arra	20.52 255	P	P	19 29 34.2 -0.6
USA0B	comp=Z,99nm,0.8s		pmax	pmax	
USRK	USSuriysk Arra	20.52 255	P	P	19 29 34.0 -0.8
USRK	USSuriysk Arra	20.52 255	P	P	19 29 34.4 -0.4
USRK	comp=Z,41nm,0.8s,baz=55,slow=9.8,SNR=36		LR	LR	19 38 15.8
USRK	comp=Z,2um,18.1s,baz=58,slow=39		LR	LR	
USRK	comp=Z,41nm,0.8s		LR	LR	
K13K	Kusilyak Mount	20.59 51	P	P	19 29 36.6 +1.3
F14K	Arctic Creek	20.77 41	P	Pn	19 29 39.0 -1.2
N1M	Nome	20.87 43	P	P	19 29 39.8 +1.4
N1M	Nome	20.87 43	P	P	19 29 39.8 +1.4
N1M	comp=Z,122nm,1.4s		pmax	pmax	
N1M	Nome	20.87 43	P	Pn	19 29 40.0 -1.4
M13K	Dall Lake	21.05 55	P	P	19 29 41.4 +1.2
VLA	Vladivostok	21.23 253	dP	pmax	19 29 43.4 +1.0
VLA	comp=Z,102nm,1.5s		pmax	pmax	
J14K	Nanvaranak Lak	21.23 49	P	P	19 29 43.6 +1.4
FALS	False Pass	21.34 71	P	P	19 29 44.1 +0.6
JSD	Sado	21.39 234	P	P	19 29 44.6 +0.5
L14K	Kuka Creek	21.45 53	P	P	19 29 45.2 +1.1
F15K	North Star Dit	21.51 41	P	P	19 29 47.1 +1.9
G15K	Niutuk	21.54 43	P	P	19 29 46.6 +1.1
MDJ	Mudanjiang	21.69 259	P	P	19 29 46.5 -0.8
MDJ	MDJ		pP	pP	19 29 59.5 -0.2
MDJ	MDJ		pP	pP	19 30 10.0 0.0
MDJ	MDJ		S	S	19 33 43.0 -1.2
MDJ	MDJ		PcP	PcP	19 33 45.8 -0.5
MDJ	MDJ		sS	sS	19 34 03.0 -1.3
MDJ	MDJ		pmax	pmax	
MDJ	comp=Z,35nm,1.7s		pmax	pmax	
MDJ	comp=Z,160nm,4.1s		LR	LR	
MDJ	comp=Z,2um,18.4s		LR	LR	
MDJ	comp=Z,1um,22.2s		LR	LR	
MDJ	comp=Z,2um,20.6s		LR	LR	
MDJ	Mudanjiang	21.69 259	P	P	19 29 47.5 +0.2
M14K	Bethe	21.75 54	P	P	19 29 49.3 +1.5
N14K	Kuskokwak Cree	21.86 57	P	P	19 29 49.9 +1.0
S12K	Black Hills	21.96 68	P	P	19 29 51.1 +1.0
S12K	comp=Z,172nm,1.1s		IAMB	IAMB	19 29 52.8
S12K	Black Hills	21.96 68	P	P	19 29 51.2 +1.0
MSHR	Mys Shultsa	21.98 253	eP	P	19 29 49.7 -0.8
MSHR	comp=Z,36nm,0.8s		pmax	pmax	
L15K	Ungalak Mounta	22.05 52	P	P	19 29 52.4 +1.4
O14K	Tiguykaiuvet M	22.07 59	P	P	19 29 52.5 +1.2
K15K	Wolf Creek Mou	22.09 50	P	P	19 29 53.0 +1.5
H16K	Elim	22.19 44	P	P	19 29 53.6 +1.0
C16K	Lisburne Hills	22.23 34	P	P	19 29 54.7 +1.8
G16K	Koyuk River	22.33 42	P	P	19 29 54.8 +0.8
M15K	Kasigluk River	22.37 55	P	P	19 29 55.7 +1.1
BNX	BinXian	22.39 264	P	P	19 29 54.0 -0.8
BNX	BNX		pP	pP	19 30 06.5 -0.7
BNX	BNX		sP	sP	19 30 13.3 -0.8
BNX	BNX		S	S	19 33 56.5 -0.5
BNX	comp=Z,110nm,0.6s		pmax	pmax	
BNX	comp=Z,1um,16.0s		LR	LR	
BNX	comp=Z,1um,16.0s		LR	LR	
BNX	comp=Z,2um,19.4s		LR	LR	
MJB	Matsu-Tunnel	22.61 231	P	P	19 30 00.4 +3.2
MAJO	Matsushiro	22.61 231	P	P	19 29 57.9 +0.7
MAJO	Matsushiro	22.61 231	P	P	19 29 58.5 +1.2
MAJO	Matsushiro	22.61 231	iP	pmax	19 29 58.1 +0.8
MAJO	comp=Z,299nm,0.7s		pmax	pmax	
MJAR	Matsushiro Arr	22.61 231	P	P	19 29 57.2 0.0
MJAR	comp=Z,155nm,0.8s,baz=18,slow=11,SNR=286		PcP	PcP	19 33 48.1 -0.2
MJAR	comp=Z,1.0nm,0.6s,baz=45,slow=0.6,SNR=5.1		LR	LR	19 39 47.8
J16K	Anvik River	22.65 48	P	P	19 29 58.5 +1.1
N15K	Kwethluk River	22.66 56	P	P	19 29 58.9 +1.3
I17K	Unalakleet	22.70 46	P	P	19 29 59.1 +1.1
D17K	Noatak River	22.78 36	P	P	19 30 00.0 +1.3
O15K	Ungalikiuk R	22.81 59	P	P	19 29 59.8 +0.6
SDPT	Sand Point	22.91 69	P	P	19 30 01.4 +1.2
SDPT	comp=Z,109nm,1.0s		IAMB	IAMB	19 30 25.9
SDPT	Sand Point	22.91 69	P	P	19 30 00.1 0.0
RDOG	Red Dog Mine	22.97 35	P	P	19 30 01.1 +0.3
RDOG	comp=Z,224nm,1.3s		IAMB	IAMB	19 30 15.3
RDOG	Red Dog Mine	22.97 35	P	P	19 30 01.5 +0.7
L16K	Owhat River	23.01 52	P	P	19 30 01.8 +0.6
E17K	Hoatham Inlet	23.03 38	P	P	19 30 02.5 +1.3
TIXI	Tiksi	23.03 335	P	P	19 30 02.8 -0.5
TIXI	comp=Z,145nm,1.4s		IAMB	IAMB	19 30 24.8
TIXI	Tiksi	23.03 335	eP	P	19 30 02.7 +1.4







29d 19h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Level. Includes stations like BVAA, BVAR, BRVK, etc.

2017 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Level. Includes stations like ARU, ARU, ARU, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal Level. Includes stations like SNOW, REDW, KSH, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CMAR Chiang Mai Arr, TAPN Taplejung, and many others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like U15A North Rim, PYUN Piuthan, IRM Iron Mountain, and many others.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like NB2 NORSAR Subarra, NOB2 NORSAR Subarra, and many others.

29d 19h

STKI	Sintang	66.50	235	P	P			19 35 47.2 +2.0
E46A	Sault Ste Mari	66.67	43	I	P			19 35 44.8 -1.1
I42A	Dräger Farm,	66.68	47	I	Amb	I	Amb	19 35 47.6
I42A	Dräger Farm,	66.68	47	P	P			19 35 45.0 -1.1
SNART	Snartemo	66.71	345	eP	P			19 35 46.7 +0.7
KSU1	Kansas State U	66.79	356	P	P			19 35 46.5 -0.3
JFWS	Jewell Farm	66.85	49	I	Amb	I	Amb	19 35 46.8 -0.4
JFWS	Jewell Farm	66.85	49	P	P			19 36 33.8
JFWS	Jewell Farm	66.85	49	P	P			19 35 46.8 -0.4
JFWS	Jewell Farm	66.85	49	P	P			19 35 47.2 0.0
JFWS	Jewell Farm	66.85	49	P	P			19 35 46.5 -0.7
L40A	Anamoesa	67.08	50	P	P			19 35 48.5 0.0
GEYT	Alibeck	67.08	303	P	P			19 35 48.0 -0.7
GEYT	Alibeck	67.08	303	P	P			19 35 48.0 -0.7
GEYT	Alibeck	67.08	303	P	P			19 35 48.0 -0.7
GEYT	Alibeck	67.08	303	P	P			19 35 48.0 -0.7
KAPI	Kappang	67.19	224	LR	LR			20 03 53.7
PBA	Port Blair	67.23	259	P	P			19 35 50.0 +0.1
DEL	Delary	67.28	340	P	P			19 35 49.5 -0.1
BKSI	Bulukumba	67.31	224	P	P			19 35 51.3 +1.0
SUW	Suwalki	67.37	334	P	P			19 35 49.1 -1.1
SUW	Suwalki	67.37	334	P	P			19 35 49.1 -1.1
SUW	Suwalki	67.37	334	eP	P			19 35 49.3 -1.0
AMTX	Amarillo	67.42	62	P	P			19 35 51.7 +0.7
MXST	Muleshoe	67.53	63	P	P			19 35 52.7 +1.0
MXST	Muleshoe	67.53	63	P	P			19 35 52.7 +1.0
KAN06	Argonia West S	67.59	58	I	Amb	I	Amb	19 35 52.5
KLNR	Kalinigrad	67.59	336	eP	P	P	P	19 35 52.3 +0.7
HRA	Herat	67.64	298	P	P			19 35 52.2 -0.3
GLMI	Graying	67.78	44	P	P			19 35 53.7 +0.7
KULM	Kulim	67.81	248	P	P			19 35 53.7 +0.1
KULM	Kulim	67.81	248	I	Amb	I	Amb	19 35 59.4
MNTX	Cornudas Mount	67.83	67	P	P			19 35 55.2 +1.6
MNTX	Cornudas Mount	67.83	67	P	P			19 35 55.4 +1.9
L42A	Oliver, Polo	67.83	49	P	P			19 35 53.1 -0.3
K43A	Burlington	67.88	48	P	P			19 35 53.8 +0.1
P38A	Dawn	67.89	53	P	P			19 35 54.2 +0.4
BBKI	Banjar Baru	67.98	230	P	P			19 35 55.9 +1.4
MAK	Makhackkala	68.16	313	eP	P			19 35 52.7 -2.7
MAK	Makhackkala	68.16	313	eP	P			19 36 08.7 -2.0
MAK	Makhackkala	68.16	313	eP	P			19 36 16.1 -0.8
MAK	Makhackkala	68.16	313	eP	P			19 36 27.2
MAK	Makhackkala	68.16	313	eP	P			19 40 23.3
MAK	Makhackkala	68.16	313	eP	P			19 44 46.2 -4.8
MAK	Makhackkala	68.16	313	eP	P			19 45 17.7 +0.9
MAK	Makhackkala	68.16	313	eP	P			19 49 14.7 +1.2
MAK	Makhackkala	68.16	313	eP	P			19 49 14.7 +1.2
N41A	Harden Midland	68.31	51	P	P			19 35 56.7 +0.3
BSD	Bornholm Skovb	68.33	339	iP	P			19 35 55.5 -0.7
BSD	Bornholm Skovb	68.33	339	iP	P			19 36 06.6
COE	Gofitskoye	68.36	317	eP	P			19 35 56.7 +0.1
GFNF	Coen	68.42	198	P	P			19 35 58.2 +1.0
L44A	Lake County Fo	68.49	48	P	P			19 35 57.7 +0.3
AKASG	Malin Array Be	68.57	329	P	P			19 35 56.8 -1.0
AKASG	Malin Array Be	68.57	329	P	P			19 35 56.8 -1.0
P40A	Paris	68.68	52	P	P			19 35 59.3 +0.6
GROC	Groznyy	68.71	314	eP	P			19 35 58.9 +0.1
GROC	Groznyy	68.71	314	eP	P			19 36 18.9 -1.5
GROC	Groznyy	68.71	314	eP	P			19 36 25.6 +2.3
GROC	Groznyy	68.71	314	eP	P			19 38 29.4
GROC	Groznyy	68.71	314	eP	P			19 44 56.4 -1.2
PECS	Pecos	68.92	66	I	Amb	I	Amb	19 36 03.2
MYKOM	Kota Tinggi	68.97	243	P	P			19 36 01.9 +1.1
J47A	Sunmer	68.98	45	P	P			19 36 01.2 +0.7
J47A	Sunmer	68.98	45	P	P			19 36 01.2 +0.7
WMOK	Wichita Mounta	69.05	60	P	P			19 36 02.1 +0.9
WMOK	Wichita Mounta	69.05	60	P	P			19 36 02.0 +0.9
M44A	Midewin, Midew	69.06	48	P	P			19 35 59.1 -1.9
HDIL	Hopedale	69.16	50	P	P			19 36 02.0 +0.4
HDIL	Hopedale	69.16	50	P	P			19 36 01.0 -0.6
TPRI	Tanjung Pinang	69.34	242	P	P			19 36 04.8 +1.7
DRUM	Mains of Drumt	69.37	350	eP	P			19 36 02.5 -0.2
KVAR	Kislovodsk Arr	69.40	317	LR	LR			20 11 32.4
NCK	Nalchik	69.41	316	eP	P			19 36 03.9 +0.7
NCK	Nalchik	69.41	316	eP	P			19 36 03.9 +0.7
KIV	Kislovodsk	69.41	317	iP	P			19 36 04.5 +1.2
KIV	Kislovodsk	69.41	317	iP	P			19 36 03.6 +0.4
KIV	Kislovodsk	69.41	317	iP	P			19 36 07.6
KIV	Kislovodsk	69.41	317	iP	P			19 36 03.9 +0.6
KIV	Kislovodsk	69.41	317	iP	P			19 45 06.1 +0.1
KIV	Kislovodsk	69.41	317	iP	P			19 49 33.8 +0.9
KIV	Kislovodsk	69.41	317	iP	P			19 36 04.4 +1.1
KIV	Kislovodsk	69.41	317	iP	P			19 36 04.4 +1.1
MMRI	Maumere	69.46	220	P	P			19 36 04.2 +0.5
MMRI	Maumere	69.46	220	P	P			19 36 04.2 +0.5
KBZ	Khabaz	69.51	317	eP	P			19 36 03.5 -0.2
KBZ	Khabaz	69.51	317	eP	P			19 36 03.5 -0.2
KBZ	Khabaz	69.51	317	eP	P			19 36 03.7 0.0
KBZ	Khabaz	69.51	317	eP	P			19 36 03.7 0.0
KBZ	Khabaz	69.51	317	eP	P			19 36 03.7 0.0
S39A	Bolivar	69.51	54	P	P			19 36 03.6 -0.3
GKP	Gorka Kiaslor	69.53	337	eP	P			19 36 04.9 +1.3
R40A	Maddies Statio	69.55	53	P	P			19 36 04.3 +0.2
ZKTA	Zakatala	69.61	313	P	P			19 36 04.0 -0.5
TUL3	Leonard	69.68	57	P	P			19 36 05.3 -0.4
TUL3	Leonard	69.68	57	P	P			19 36 05.4 +0.4
TUL3	Leonard	69.68	57	P	P			19 36 05.7 +0.8
SEKA	Sheki	69.70	312	P	P			19 36 03.3 -1.8

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SOEI	Soe	69.72	218	I	Amb	I	Amb	19 36 36.1
SOEI	Soe	69.72	218	P	P			19 36 05.7 +0.3
KDU	Kadawa	69.74	209	P	P			19 36 06.4 +1.0
P43A	Skaggs, Pannee	69.78	50	P	P			19 36 05.6 +0.1
ALPN	Alpine	69.80	66	P	P			19 36 06.4 +0.4
ALPN	Alpine	69.80	66	P	P			19 36 08.5
ZEI	Tsey	69.86	315	eP	P			19 36 04.7 -1.5
ZEI	Tsey	69.86	315	eP	P			19 36 06.8 0.0
U38A	Gravette	69.97	56	P	P			19 36 06.7 0.0
SGCY	Sterling City	69.99	63	I	Amb	I	Amb	19 36 09.4
INVG	Invergelidie, C	70.01	351	eP	LR			19 36 06.6 0.0
SADO	Sadova	70.05	41	LR	LR			20 08 50.8
MNGR	Mingchehevir, A	70.11	312	P	P			19 36 06.1 -1.4
L48A	N Adams	70.20	46	P	P			19 36 08.6 +0.6
L48A	N Adams	70.20	46	P	P			19 36 08.6 +0.6
L48A	N Adams	70.20	46	P	P			19 36 08.3 +0.1
CCM	Cathedral Cave	70.23	53	P	P			19 36 08.7 +0.5
CCM	Cathedral Cave	70.23	53	P	P			19 36 08.7 +0.5
ABTX	Abliene, Hawle	70.23	62	P	P			19 36 09.2 +0.8
ABTX	Abliene, Hawle	70.23	62	P	P			19 36 09.4 +1.0
AAM	Ann Arbor	70.24	65	P	P			19 36 09.1 +0.8
MTN	Manton Dam	70.28	210	P	P			19 36 09.7 +1.0
SFIN	Lafayette	70.30	48	I	Amb	I	Amb	19 36 08.4 -0.3
SFIN	Lafayette	70.30	48	I	Amb	I	Amb	19 36 09.4
SFIN	Lafayette	70.30	48	P	P			19 36 08.7 0.0
LAWE	Loch Awe, Argy	70.30	351	eP	P			19 36 08.7 +0.3
LAWE	Loch Awe, Argy	70.30	351	eP	P			19 36 09.4
HHAR	Hobbs	70.31	56	I	Amb	I	Amb	19 36 10.2
BATI	Baumgardner	70.36	218	P	P			19 36 09.6 +0.4
DSRI	Dabo	70.49	241	P	P			19 36 11.9 +1.8
N47A	Urbana	70.52	47	I	Amb	I	Amb	19 36 11.0
N47A	Urbana	70.52	47	I	Amb	I	Amb	19 36 07.9 -2.1
N47A	Urbana	70.52	47	I	Amb	I	Amb	19 36 07.9 -2.1
GANJ	Ganja	70.55	312	P	P			19 36 09.5 -0.7
TRQ	Mont Tremblant	70.55	37	I	Amb	I	Amb	19 36 11.2
TX31	Lajitas Ar, Si	70.59	67	P	P			19 36 12.3 +1.5
TXAR	Lajitas Array	70.59	67	P	P			19 36 12.4 +1.6
Q44A	Meyer Farm, Va	70.60	51	P	P			19 36 10.9 +0.4
Q44A	Meyer Farm, Va	70.60	51	P	P			19 36 25.5
Q44A	Meyer Farm, Va	70.60	51	P	P			19 36 11.2 +0.7
PGBU	Glenfierbraes	70.66	351	eP	P			19 36 10.9 +0.3
PGBU	Glenfierbraes	70.66	351	eP	P			19 36 11.8
FVM	French Village	70.67	52	P	P			19 36 11.3 +0.3
HORU	Horodok	70.74	330	P	P			19 36 10.9 -0.3
U40A	Yellville	70.79	55	P	P			19 36 11.9 +0.1
U40A	Yellville	70.79	55	P	P			19 36 11.9 +0.1
PSI	Prapat	70.83	248	P	P			19 36 12.6 +0.3
PSI	Prapat	70.83	248	P	P			19 36 12.6 +0.3
P46A	Rosedale	70.86	49	P	P			19 36 12.5 +0.4
LMQ	La Malbaie	70.88	34	I	Amb	I	Amb	19 36 13.6
LVW	L'vov	70.91	332	eP	P			19 36 10.6 -1.6
RPSI	Rantau Prapat	70.92	248	eP	P			19 36 12.5 -0.1
SOC	Sochi	70.92	318	eP	P			19 36 08.7 -3.6
SOC	Sochi	70.92	318	eP	P			19 38 46.7
SOC	Sochi	70.92	318	eP	P			19 40 32.7
SOC	Sochi	70.92	318	eP	P			19 45 17.6 -5.9
SOC	Sochi	70.92	318	eP	P			19 49 53.3 -2.6
SOC	Sochi	70.92	318	eP	P			19 53 06.3
LKRN	Lenkeran, Azer	71.00	310	P	P			19 36 11.6 -1.3
EKA	Eskdalemuir Ar	71.00	350	P	P			19 36 13.1 +0.4
ESK	Eskdalemuir	71.02	350	eP	P			19 36 13.1 +0.3
ESK	Eskdalemuir	71.02	350	eP	P			19 36 13.8
ESK	Eskdalemuir	71.02	350	eP	P			19 36 13.4 +0.6
MSLI	Meulaboh, Aceh	71.05	25					

Table with columns: BRG, comp=N,634nm,21.1s, MLR, MLR, 72.51 330, Iamb, Iamb, 19 36 23.7, 19 36 22.4 +0.3, 19 36 23.0, 19 36 22.4 +0.3, 19 36 23.4 +0.9, 19 36 23.6 +1.2, 19 36 22.1 -0.4, 19 36 24.5, 19 36 23.4 +0.5, 19 36 23.4 +0.5, 19 36 23.9 +0.9, 19 36 23.2 +0.3, 19 36 23.9 +0.9, 19 36 23.8 +0.9, 19 36 23.8 +0.9, 19 36 24.1, 19 36 22.3 -1.0, 19 36 22.3 -1.0, 19 36 23.4 +0.2, 19 36 24.6 +1.0, 19 36 25.0 +1.6, 19 36 25.0 +1.6, 19 36 24.4 +1.0, 19 36 24.2 +0.8, 19 36 23.2 -0.4, 19 36 42.1, 19 36 24.4 +0.3, 19 36 25.2 +1.1, 19 36 25.0 +0.9, 19 36 25.8, 19 36 24.7 +0.9, 19 36 24.7 +0.9, 19 36 23.7 -0.1, 19 36 23.7 -0.1, 19 36 24.2 +0.1, 19 37 04.4, 19 36 24.2 +0.2, 19 36 26.0, 19 36 24.1 +0.2, 19 36 24.1 +0.2, 19 36 24.4 +0.5, 19 36 26.0, 19 36 24.4 +0.3, 19 36 24.4 +0.3, 19 36 24.8 +0.8, 19 36 24.8 +0.8, 19 36 25.4, 19 36 23.9 -0.3, 19 36 23.9 -0.3, 19 36 24.1 -0.4, 19 36 23.2 -1.3, 19 36 23.2 -1.3, 19 36 24.6 -0.2, 19 36 24.8 -0.1, 19 36 24.8 -0.1, 19 36 26.0 +0.8, 19 36 25.6 +0.4, 19 36 25.3 0.0, 19 36 24.9 -0.4, 19 36 25.4 0.0, 19 36 25.1 -0.1, 19 36 27.4, 19 36 26.6 +1.0, 19 36 26.6 +1.0, 19 36 26.7 +0.8, 19 36 26.8 +0.8, 19 36 26.8 +0.8, 19 36 26.8 +0.9, 19 36 26.8 +0.9, 19 36 26.8 +0.9, 19 36 26.8 +0.9, 19 36 27.1 +1.3, 19 36 41.5, 19 36 27.1 +0.7, 19 36 27.1 +0.7, 19 36 27.1 +0.7, 19 36 27.6 +1.2, 19 36 27.4 +0.9, 19 36 27.8, 19 36 26.9 +0.2, 19 36 27.5 +0.8, 19 36 27.5 +0.7, 19 36 27.5 +0.8, 19 36 27.5 +0.8, 19 36 27.5 +0.8, 19 36 28.8, 19 36 26.9 -0.3, 19 36 26.9 -0.3

Table with columns: WVT, WVT, 73.40 52, P, Iamb, P, 19 36 27.6 +0.3, 19 36 27.6 +0.3, 19 36 28.2 +0.9, 19 36 28.0 +0.7, 19 36 27.5 +0.4, 19 36 27.5 +0.4, 19 36 27.2 -0.3, 19 36 28.0 +1.3, 19 36 28.7 +1.0, 19 36 31.4, 19 36 29.4 +1.6, 19 36 29.1 +1.0, 19 36 29.7 +1.6, 19 36 29.8 +1.0, 19 36 28.9 +1.0, 19 36 42.2, 19 36 27.8 -0.3, 19 36 27.8 -0.3, 19 36 29.8, 19 36 28.3 -0.1, 19 36 28.7 +0.3, 19 36 28.7 +0.3, 19 36 28.9 +0.5, 19 36 30.2 +1.6, 19 36 30.1 +1.6, 19 36 30.0 +1.2, 19 36 29.9 +1.2, 19 36 29.9 +1.2, 19 36 29.7, 19 36 31.3, 19 36 29.9 +0.9, 19 36 31.5, 19 36 29.6 +0.6, 19 36 30.1 +1.0, 19 36 30.5 +1.2, 19 36 31.2 +1.9, 19 36 28.9 -0.2, 19 36 28.9 -0.2, 19 36 30.4, 19 36 28.9 -0.3, 19 36 28.9 -0.3, 19 36 29.3 +0.2, 19 36 29.7 +0.4, 19 36 30.9, 19 36 29.5 +0.2, 19 36 29.5 +0.2, 19 36 30.0 +0.6, 19 36 29.9 +0.6, 19 36 30.3 +0.8, 19 36 30.2 +0.8, 19 36 29.9 +0.5, 19 36 31.0 +1.4, 19 36 30.7 +0.9, 19 36 30.6 +0.9, 19 36 30.9 +0.1, 19 36 29.9 +0.1, 19 36 30.0 +0.2, 19 36 31.6, 19 36 29.9 +0.1, 19 36 29.9 +0.1, 19 36 32.4 +2.5, 19 36 33.4, 19 36 33.3, 19 36 30.0 -0.4, 19 36 31.1 +0.7, 19 36 31.0 +0.7, 19 36 30.6 +0.2, 19 36 32.4, 19 36 31.1 +0.5, 19 36 29.9 -0.6, 19 36 31.3 +0.8, 19 36 31.0 +0.4, 19 36 32.4, 19 36 31.0 +0.2, 19 36 30.4 -0.6, 19 36 32.3, 19 36 31.2 +0.2, 19 36 30.8 -0.1, 19 36 31.3 +0.2, 19 36 33.0, 19 36 32.1 +1.0, 19 36 32.0 +1.0, 19 36 32.7 +1.8, 19 36 32.7 +1.8, 19 36 31.0 -0.2, 19 36 45.7, 19 36 32.0 +0.9, 19 36 32.0 +0.9, 19 36 31.0 -0.3, 19 36 31.8 +0.4, 19 36 31.5 -0.1, 19 36 33.2, 19 36 33.7, 19 36 32.1 +0.1, 19 36 46.5, 19 36 32.8 +0.8, 19 36 32.8 +0.8, 19 36 32.8 +0.7

Table with columns: MLR, MLR, 74.21 328, Iamb, Iamb, 19 36 34.7, 19 36 32.8 +0.7, 19 36 32.8 +0.7, 19 36 31.3 -0.5, 19 36 32.8 +1.0, 19 36 32.3 +0.5, 19 36 32.3 +0.5, 19 36 47.1, 19 36 32.5 +0.5, 19 36 32.7 +0.7, 19 36 40.0, 19 36 34.3 +2.2, 19 36 34.3 +2.2, 19 36 34.3 +2.2, 19 36 32.3 +0.2, 19 36 33.2, 19 36 32.0 -0.6, 19 36 32.0 -0.6, 19 36 34.2, 19 36 33.3 +0.8, 19 36 32.5 -0.1, 19 36 35.4 +2.6, 19 36 32.8 +0.1, 19 36 32.8 +0.1, 19 36 36.8, 19 36 36.8, 19 36 33.7 +0.5, 19 36 34.2 +1.1, 19 36 33.7 +0.2, 19 36 34.3 +0.8, 19 36 34.9 +1.0, 19 36 34.9 +1.0, 19 36 34.9 +0.9, 19 36 33.8 -0.2, 19 36 34.7 +0.6, 19 36 34.8 +0.5, 19 36 36.0 +1.6, 19 36 35.0 +0.3, 19 36 36.1 +1.1, 19 36 35.7 +0.3, 19 36 36.6 +1.1, 19 36 35.8 +0.3, 19 36 37.4, 19 36 35.9 +0.2, 19 36 35.9 +0.2, 19 36 35.9 +0.5, 19 36 36.8, 19 36 35.2 -0.4, 19 36 37.4, 19 36 35.2 -0.4, 19 36 36.4 +0.8, 19 36 35.3 -0.4, 19 36 35.5 -0.4, 19 36 37.04.5, 19 36 35.5 -0.3, 19 36 36.4 +0.5, 19 36 37.3 +1.3, 19 36 36.0 -0.2, 19 36 37.8, 19 36 36.4 +0.1, 19 36 36.4 +0.1, 19 36 36.2 -0.3, 19 36 37.5 +0.7, 19 36 37.7 +0.9, 19 36 36.4 -0.3, 19 36 38.5, 19 36 38.1, 19 36 37.2 +0.4, 19 36 41.3, 19 36 39.7 +2.3, 19 36 41.3, 19 36 31.9 -5.4, 19 36 25.6 -0.8, 19 36 25.6 -0.8, 19 36 05.0 -6.3, 19 59.40.0, 19 36 38.9 +1.6, 19 36 40.0 +2.7, 20 03 23.2, 19 36 37.4 +0.2, 19 36 37.8 +0.3, 19 36 37.2 -0.1, 19 36 39.3, 19 36 51.9, 19 36 41.3 +3.7, 19 36 38.6 +1.0, 19 36 39.1 +1.0, 19 36 37.8 -0.3, 19 36 37.8 -0.3, 19 36 38.7 +0.6, 19 36 39.3, 19 36 38.1 0.0, 19 36 38.2 0.0, 19 36 52.7, 19 36 38.2 -0.1

29d 19h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like W50A Signal Mountain, W50A Signal Mountain, W50A Signal Mountain, etc.

2017 SEP

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like U56A lake328, CASEE Lake Jocassee, JASK Jas Hormozg, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like SKO Skopje, BGF Bois d'Agland, STIP Stip, etc.

Table with columns: STKA, LR, LR, 20 13 22.4, etc. Includes stations like Mantelgas, Coimbra, Sonseca Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc. Includes stations like IDC 29, PCIG, ABTX, etc.

Table with columns: 241A, 250A, 352A, etc. Includes stations like Richard Creek, Azle, Grady, etc.

NEIC 29 19:30:01.1.5, 14.70N, 0.06, 93.81W, 0.05, h23km, 6km, m4.7, 150, Mdx, 3/35 (MEX), Error ellipse: s-maj=9.1km s-min=6.6km az=179.0

MEX 29 19:30:08.1.0.7, 14.66N, 93.77W, h61km, 61km, MD4.5

IDC 29 19:30:11.9.3.3, 14.69N, 93.62W, h61km, 28km, mb4.0/15, mbmp4, 3/17, ML4.1, M2, MS3, 9/8, Error ellipse: s-maj=33.9km s-min=13.0km az=52.0

ISC 29 19:30:07.2.0.9, 14.63N, 93.81W, 0.03, h26km, 6km, n364, s1967/380, mb4.7/53, MS3.7/8, Near coast of Chiapas

241A Richard Creek 18.57 3 P P 19 34 22.1 -0.1

250A Azle 18.58 30 P P 19 34 22.2 -0.1

29d 19h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELIS, OK05, WVT, CHIC, FLOC, RUSC, U32A, NHSC, PBMO, COHC, CLTN, OK032, GM3, U49A, S39A, V52A, ANMO, ANMO, BOS, SDV, CCM, TZN, W57A, U54A, T25A, 214A, CBK, BAUV, N38A, SJG, L42A, JWFS, NNA, L59A, NVAR, UCCT, CHMT, F10A, SAML, PB16, MDP, SIV, PTLB, YKA, CO03, DLBC, DLBC, DLBC, S34M, R33M, Q32M, MT08, LME, P32M, P33M, CPUP, BDFB.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like N32M, PLBC, WHY, MPMY, MPMY, FARO, O30N, M31M, N31M, N30M, YUK6, M30M, YUK8, M29M, M29M, L29M, CTG, GRNC, YUK3, I30M, MCARA, L27K, L27K, BMRM, M26K, EYAK, N25K, G30M, INK, L26K, H29M, I28M, KLU, HARP, M24K, SCRK, I27K, I27K, J26L, J26L, RIDG, RIDG, H27K, KNK, F28M, G27K, SML, WAT6, J25K, WAT1, HDA, PRP, IL31, ILAR, RND, MCK, H25L, SKT, TRF, TRF, H24K, H24K, H24K, F25K, I23K, G24K, BPAW, M20K, CAST, Q17K, MLY, MLY, R17K, G23K, H22K, N18K, L19K, K20K, K20K, COLD, E23K, J20K, H21K, N17K, I20K, L18K.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like J19K, G21K, E22K, H20K, J18K, F21K, C23K, L17K, EUNU, H19K, F20K, J17K, G19K, J16K, D20K, K15K, H17K, D19K, J14K, E17K, UNV, C17K, ESDC, NB2, NOA, ARCES, CLL, CLL, CLL, CLL, FINES, TORD, WRA, ASAR, PZH, CMAR, KAPI, NEIC, IDC, ISC, Code, MSVF, MSVF, PINNC, LIFNC, DZM, DZM, URZ, URZ, EIDS, EIDS, ARMA, ARMA, CTAO, CTAO, TOO, STKA, STKA, COEN, COEN, BBOO, AS31, ASAR, ASAR, ASAR, WBO, WBO, WRAB, WRA, WRA, FORT, MTN, MTN, KNRA, KNRA, SIJ, SOE, SOE, PSAO, PSAO, VDA, MMRI, MMRI, MORW.



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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like BRAL, 451A, ALPN, etc.

IDC 29:19:41:57.9e,1.0,27.34N:101.67E,h0km,mb3.4/6, mbmp3.3/7,ML1.8/1,Error ellipse: s-maj=53.8km s-min=18.5km az=66.0

ISC 29:19:41:59.3e,1.1,27.35N:101.7E:0.3,h10km,n8, e=2507/8,mb3.6/5,Sichuan

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like BRAL, 451A, ALPN, etc.

IDC 29:20:09:01:9.6,8.5383N:160.58E,h87km,96km,mb3.2/2, mbmp3.5/2,Error ellipse: s-maj=99.2km s-min=79.4km az=153.0,Near east coast of Kamchatka Peninsula

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MTO3, ESQI, SCUH, etc.

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

TRN 29:20:09:24.7,14.74N:60.42W,h44km,MD3.9,1C, Windward Islands

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like OK052, OTAV, OK033, etc.

NEIC 29:20:30:59.7e,2.1,14.75N:0.04:94.34W:0.04,h19km,3km, mb4.7/220,Md4.8/44(MEX),Error ellipse: s-maj=6.6km s-min=5.3km az=205.0

MEX 29:20:31:00.9e,0.9,14.74N:94.41W,h16km,86km,MD4.8 IDC 29:20:31:04.2e,4.1,14.70N:94.11W,h63km,28km,mb3.9/15, mbmp4.2/17,ML4.4/11,MS4.0/38,Error ellipse: s-maj=28.2km s-min=14.2km az=57.0

GCG 29:20:31:22.1e,3.6,15.43N:92.57W,h32km,99km,MD4.7 IDC 29:20:30:59.2e,1.2,14.72N:0.05:94.0W:0.03,h32km,9km, n490,e1971/435,mb4.7/95,MS4.0/42,9D,Off coast of Chiapas

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

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

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

29d 20h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like CCM Cathedral Cave, BOSZ San Juan Bosco, and many others.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like WAKR Walker, YERR Yerington, SADO Sadova, and many others.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I30M Mount Dempster, G31M Satah River, BCAR Beaver Creek, and many others.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like G22K Bettles, P16K Nushagak River, N17K Nushagak Hills, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like CMAR Chiang Mai Arr, CMAR, SONMI Songio Array, etc.

Table with columns: OZNA, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like 344A Westbrook Farm, 237A Washetta, etc.

IDC 29 20:48:16.6:1.4, 27.01N, 100.59E, h0km, mb3.3/4, mbtmp3.2/5, MS3.3/2, Error ellipse: s-maj=48.2km s-min=21.1km az=82.0, Yunnan

Table with columns: BNM, Station Name, Time, Res, P, Pn, Azimuth, Elevation, SNR, etc. Includes stations like Barren Site, Sooner Cattle, Salt Plains WL, etc.

Table with columns: NVAR, Station Name, Time, Res, P, Pn, Azimuth, Elevation, SNR, etc. Includes stations like Mina Array Bea, Devils Gate, Kaiserville, etc.

Table with columns: PRE, Station Name, Time, Res, P, Pn, Azimuth, Elevation, SNR, etc. Includes stations like Hoedspruit, Li, Mopani, etc.

EAf 29.21:22:40.9, 2.16S:33.93E, h10km, MC3.4
BUL 29.21:22:43.0, 0.8, 23.80S:34.08E, h10km, MD3.4

Table with columns: ID, Name, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like OK052, OK031 S. Brethren Jr, T35A Sooner Cattle, DEOK Depew, DEOK DEOK, DEOK DEOK, DEOK Liberty Lake, G002 Grant County #, G002 Carrier, CROK Carrier, CROK Carrier, KAN17 Caldwell West, KAN17 Caldwell West, KAN01 Argonia South, KAN01 Argonia South, KAN14 Manchester OK, KAN14 Manchester OK, KAN14 Manchester OK, TUL3 Leonard, OK032 Salt Plains WL, OKCSW OKLAHOMA CITY, KAN08 Anthony NE Sta, KAN08 Anthony NE Sta, KAN10 Anthony SW Sta, KAN10 Anthony SW Sta, FNO Franklin, FNO Franklin, W35A Tecumseh, W35A Tecumseh, OK035 E0210 Rd and N, OK038 West end E0370, RLO Rose Lookout, NOKA Waynoka, NOKA Winter Ranch, U38A Gravette, X34A Smith Ranch, M ELIS Ellis County, X37A Clayton, WMOK Wichita Mounta, HHAR Hobbs, KSU1 Kansas State U, N33A J Bar K, Exete, CCM Cathedral Cave, N23A Red Feather La.

NEIC 29 21:42:47.8±2.3, 43°39'N-0°07'126°80'W-0°10', h10km, 2km, ML3.0/0.66, Error ellipse: s-maj=13.9km s-min=10.1km az=225.0, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like KEBM Edson Butte, J01E Myrtle Point, J01E Myrtle Point, KBO Bosley Butte, K02D Willamette Mer, I03D Drain, OR, DBO Dodson Butte, KSXB Camp Six Broad, LGZF Cave Junction, COR Corvallis, COR Corvallis, KRMB Red Mountain, HEBO Mount Hebo, HEBO Mount Hebo, BUCK Buck Mountain, BUCK Buck Mountain, G03D McMinnville, G03D McMinnville, H04D Lebanon, I04A Sessidick Farm, F03A Sessidick Farm, YBH Yreka Blue Hor, L04D Klamath Falls, H04A Detroit Lake, H04A Detroit Lake, RADR Rader Ridge, F04D Rainier, OR, F04A Lebam, F04A Amboy, I05D Terrebonne, OR, I05D Terrebonne, J05D Terrebonne, J05D Fort Rock, OR, HOOD Mount Hood Mea, HOOD Mount Hood Mea, PINE Pine Mountain, PINE Pine Mountain, WISH Wishkah, G05A Wamic, G05A Wamic, K05A Summer Lake, K05A Summer Lake, K05A Summer Lake, NLWA Neilton Lookou, NLWA Neilton Lookou, G06A Carlson Farm, G06A Carlson Farm.

Table with columns: ID, Name, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like G06A comp=E,9.7nm,2.6s, G06A comp=N,7.9nm,3.5s, C03A Quilleye Ar, LON Longmire, LON Longmire, LON Longmire, GNW Green Mountain, GNW Green Mountain, GNW Green Mountain, D05A Enunclaw, D05A Enunclaw, B04A Port Angeles, PGC Sidney, LTY Liberty, E07A Sunnyside, G08A Pilot Rock, HAWA Hanford, J08A Circle Bar Ran, B06A Marblemount, D08A Wollman Farm, B06A Blue Mountains, C01A Columbia Cole, F08A Beach Ranch, E, F08A Christian Ranch, PLID Pearl Lake, NEW Newport, HLID Hailey, HG4B Hotspring, MSO Missoula, ELMT Ellison.

TIF 29 21:45:54.7, 43°37'N-45°42'E, h14km, 1km MOS 29 21:45:54.6±0.0, 43°33'N-45°42'E, h12km, MPVA3.5 NORS 29 21:45:55.8±0.0, 43°26'N-45°44'E, h23km, MPVA3.3 DRS 29 21:45:57.6±0.0, 43°41'N-45°22'E, h23km ISC 29 21:45:54.4±1.1, 03°34'N-0°03:45:39E±0.02, h4km±10km, n40, c193878, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like GROG Groznyy, GROG Groznyy, VLKR Vladikavkaz, VLKR Vladikavkaz, TRKR Terekaya, TRKR Terekaya, BTKR Batakoyurt, BTKR Batakoyurt, DVE Vedeno, DVE Vedeno, SHTL Shatili, SHTL Shatili, ARNR Ardon, ARNR Ardon, PRTR Prterechynaya, PRTR Prterechynaya, BTLR Bitlikh, BTLR Bitlikh, MTEO Meteo, MTEO Meteo, DLMR Dylim, DLMR Dylim, LACR Lac, LACR Lac, STDR Stavd-Durt, STDR Stavd-Durt, KORR Kora, KORR Kora, CHRG Chargali, CHRG Chargali, DBC Dubki, DBC Dubki, LSNR Lesken, LSNR Lesken, UNCR Uncukul, UNCR Uncukul, ZEI Tsey, ZEI Tsey, BUJR Buynaksk, BUJR Buynaksk, ARKR Arakani, ARKR Arakani, GNBR Gunib, GNBR Gunib, KBTC Kuba-Taba, KBTC Kuba-Taba, MAK Makhakhkala, MAK Makhakhkala, LGD Lagodekhi, LGD Lagodekhi, LGD Lagodekhi, KMKR Kumukh, KMKR Kumukh, KMKR Kumukh, PYA1 Pyatigorsk, PYA1 Pyatigorsk, PYA1 Pyatigorsk, KBZ Khabaz, KBZ Khabaz, BEYR Belyy Ugol+, BEYR Belyy Ugol+, URKR Urkarakh, URKR Urkarakh, URKR Urkarakh, SHA1 Shidhatmaz, SHA1 Shidhatmaz, TRLG Trialieti, TRLG Trialieti, TRLG Trialieti, KIV Kislovodsk, KIV Kislovodsk, VSHL Vashlovani, VSHL Vashlovani, GOF Gofitskoye, GOF Gofitskoye, AKT Akhty, AKT Akhty, KSMR Kasumkent, KSMR Kasumkent, KSMR Kasumkent, SHIU Shidnytsya, SHIU Shidnytsya, SHIU Shidnytsya, MORS Morshin, MORS Morshin, MORS Morshin, LVV L'vov, LVV L'vov, LVV L'vov.

SIGU 29 21:46:08.4, 49°34'N-23°49'E, h2km PRU 29 21:46:20.7, 49°22'N-22°65'E, h0km ISC 29 21:46:07.2±1.1, 49°46'N-0°03:23:44E±0.03, h6km±10km, n22, c226/36, Ukraine-Moldova-Southwestern Russia region

Table with columns: ID, Name, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like LVV LVV, LVV LVV, MEZ Mezhor'ye, MEZ Mezhor'ye, MEZ Mezhor'ye, STUJ Starunia, STUJ Starunia, MUKU Mukachevo, MUKU Mukachevo, MUKU Mukachevo, UZH Uzhgorod, UZH Uzhgorod, BRIU Brihid, BRIU Brihid, BRIU Brihid, BRIU Brihid, BRIU Brihid, HOLM Holmets, HOLM Holmets, BERU Beregovo, BERU Beregovo, BERU Beregovo, BERU Beregovo, TRSU Trosnyk, TRSU Trosnyk, TRSU Trosnyk, TRSU Trosnyk, NSLU Nyzhne Selyshc, NSLU Nyzhne Selyshc, NSLU Nyzhne Selyshc, NSLU Nyzhne Selyshc, RAKU Rakhiv, RAKU Rakhiv, RAKU Rakhiv, RAKU Rakhiv, KSV Kosov, KSV Kosov, KSV Kosov, KSV Kosov, CHRU Chernivitsi, CHRU Chernivitsi, KMPD K-Podol'skiy, KMPD K-Podol'skiy, NDNV Novodnistrovsk, NDNV Novodnistrovsk, VYHS Vyhne, VYHS Vyhne, MORC Moravsky Berou, MORC Moravsky Berou, CHVC Chvacek, CHVC Chvacek, KHC Kasperske Hory, KHC Kasperske Hory, CLL Collm, CLL Collm.

NEIC 29 21:50:45.0±2.4, 15°14'N-0°06:94'28W±0'04', h10km, 1km, mb4.9/476, Mch4.9/32(MEX), Error ellipse: s-maj=9.6km s-min=5.9km az=189.0 GCMT 29 21:50:45.0±0.5, 15°15'N-0°02:94'42W±0'03', h15km, 1km, MMV5.0/69, Moment Tensor Solution. s22 c24; s69 c87; Duration: 0 Moment tensor: Scale 1016Nm; Mr,0.1±0.06; Mw,0.56±0.05; Mbb,-0.69±0.05; Mbc,2.88±0.37; Mss,0.17±0.05; Mv,-3.33±0.42; Best double couple: M=4.44900x10^16 NP1:phi3,19.00000°,delta,89.00000°,lambda,82.00000°. NP2: phi,38.00000°,delta,0.00000°,lambda,169.00000°. Principal axes: T 4.3520, Plg46.0000°, Azm41.0000°; N 0.1940, Plg8.0000°, Azm139.0000°; P -4.5450, Plg43.0000°, Azm236.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

MEX 29 21:50:46.7±1.3, 15°15'N-94°41'W, h18km, 14km, MD5.0, m5.0 IDC 29 21:50:48.3±2.6, 15°05'N-94°16'W, h48km, 23km, mb4.2/22, mbtmp4.5/24, ML4.4/2, MS4.2/54, Error ellipse: s-maj=21.3km s-min=10.6km az=64.0 GCG 29 21:50:51.3±2.3, 14°45'N-94°26'W, h35km, 99km, MD4.8 ISC 29 21:50:45.6±2.3, 15°06'N-0°04:94'41W±0'03', h26km±16km, n976, c1850/951, mb4.9/204, MS4.3/58, 1C-9D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes entries like CARR Arriaga, CARR Arriaga, CARR Arriaga, PCIG PCIG, PCIG PCIG, NIIT Santiago Nitte, NIIT Santiago Nitte, HUIG Huatulco, HUIG Huatulco, HUIG Huatulco, THIG Huatulco, THIG Huatulco, PATR El Naranjo, PATR El Naranjo, TGIG TGIG, TGIG TGIG, PAVE Pavencul, PAVE Pavencul, CHUU Union Juarez, CHUU Union Juarez, UXUV UXUV, UXUV UXUV, CCIG Comitán, CCIG Comitán, CCIG Comitán, CCIG Comitán, RTAL Retalhuleu, RTAL Retalhuleu, STIG Santiaquillo 3, STIG Santiaquillo 3, PEIG Puerto Escondi, PEIG Puerto Escondi, PEIG Puerto Escondi, HUEH Huehuetenango, HUEH Huehuetenango, SULM Suchitpequez, SULM Suchitpequez, NEUV Arroyo Zacate, NEUV Arroyo Zacate, OXIG Tuzandepetl, OXIG Tuzandepetl, OXIG Oaxaca, OXIG Oaxaca, VHO Vista Hermosa, VHO Vista Hermosa, VHO Vista Hermosa, YOSU Yosondua, YOSU Yosondua, PMUV Sontecomapan, PMUV Sontecomapan, PCG Pacaya, PCG Pacaya, PNIJ Pinotepa, PNIJ Pinotepa, PNIJ Pinotepa, PNIJ Pinotepa, NBG Las Nubes, NBG Las Nubes, NBG Las Nubes, HLIJ Huajuapán de L, HLIJ Huajuapán de L, FTIG Fresnillo de T, FTIG Fresnillo de T, ESQI Esquipulas, ESQI Esquipulas, MTO3 Montecristo, MTO3 Montecristo, SNET Serv Nac Est T, SNET Serv Nac Est T, YAIG Yatepec, YAIG Yatepec, CAIG Universidad Na, CAIG Universidad Na, TGUH Tegucigalpa, UN, TGUH Tegucigalpa, UN, TGUH Tegucigalpa, UN, ZIIG Zihuatanejo, ZIIG Zihuatanejo, CRIN San Cristobal, CRIN San Cristobal, CRIN San Cristobal, TEIG Tepich, TEIG Tepich.

29d 21h

Table with columns: TEIG, Name, Value, Unit, Status, Pn, Value, Unit, Status, Pn. Includes entries like Tepich, Cerro Negro, Matagalpa, etc.

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Table with columns: Name, Value, Unit, Status, Pn, Value, Unit, Status, Pn. Includes entries like Grady, Blakely, Odesa, etc.

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Table with columns: Name, Value, Unit, Status, Pn, Value, Unit, Status, Pn. Includes entries like Signal Mountain, West end E0370, Puluha, etc.

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Table with columns: SDV, Location, Date, Time, P, I, A, M, B, Value, Diff. Rows include Santo Domingo, Cedar Bluff, Nelsons Funny, Meyer Farm, Olney, Petrified Ore, Beattyville, Paris, Dawn, Shelbyville, King, Great Sand Dunes, Lo Mia Camp, Windy Hill, Skaggs, Pawnee, Mohawk Valley, Kaye Shedlock, Kaye Shedlock, Blooming, 4UR Ranch, Rosedale, Blacksburg, Mesa Verde, Mesa Verde, Wupatki, Wupatki, Mansfield, Milroy, Joes South, Hurt, J Bar K, Exete, Harden Midland, Glamis, Glamis, Peebles, Hopedale, Miami Univ, Sierra Juarez, Blythe, Lafayette, Bidwell, Parker Dam, Paradox Valley, Yuh Desert, Williamsport, Radium Mtn, Paradox Valley, Paradox Valley, Sam W, Stewart, Paradox Valley, Marlinton, Farmland, Farmland, In-Ko-Pah, Paradox Valley, Skein Mesa, Saucer Basin, David Mesa.

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Table with columns: SMCO, Location, Date, Time, P, I, A, M, B, Value, Diff. Rows include Snowmass, Belgrade, East Wray Mesa, Paradox Valley, Nyswonger Forest, El Baul, Morning Glory, West Nyswonger, Idaho Springs, Paradox Valley, Hualapai Mount, Big Chuckawall, Lion Creek, Paradox Valley, North Rim, Blue Mesa, Carpenter Ridge, Ogden, Ogden, Iron Mountain, Come Mtn, Monument Peak, Corning, Corning, Needles Airpor, State Center, State Center, Midwestern, Midwestern, Svendsen Farm, J. Sargeant Re, Henry Mountain, ACSO Alum Creek Sta, ACSO Alum Creek Sta, Anamosa, Belle Mtn, Desert, Oliver, Polo, Atahualpa, Pinon Flats, Pinon Flats, Pinon Flats, San Juan, Adamsville, Kanab, Granite Moun, Pattersburg, Nelson, Little Creek, New Philadelphia, Red Feather La, Red Feather La, Mont Chateau, Murieta, O'Neill, White River, White River, Mount Pierson, San Rafael Swe, Pilot Hill, Hector, Ludlow, Soaring Height, Jewell Farm, Jewell Farm, Turquoise Moun, Marysvalle, Preston Nutter, Marysvalle, Sheep Range, Trail Mountain, BFsoc, Goldstone, EROS Data Cent, EROS Data Cent, EROS Data Cent, Red Mountain, Rawlins, Miller and, Lemond, Waseca, Norwalk, Greenwater Val, Edwards Air Fo.

29d 21h

Table with columns: PSUT, MPU, SNCC, BSUT, LRM, TPNV, TPNV, NLU, WCT, MPMC, S11A, S11A, K22A, K22A, K22A, PCRV, SPR3, ISA, DUG, R11B, R11B, TCUT, TCUT, GRAC, CWC, GMM, Gold Mountain, SPMN, SPMN, PKM, Mpherson Peak, VES, Vestal, Richgr, HWUT, HWUT, BGU, Big Grassy Mou, SPUT, South Promonto, DSP, Deep Springs, BW06, Boulder Array, BW06, Boulder Array, PD31, Pinedale Array, PDAR, Pinedale Array, PDAR, Pinedale Array, TPH, Tonopah, TPH, Tonopah, ID09, Alton, F36A, Milaca, F33A, 5 Mile Ranch, ID10, Lander Outpost, SGC8, Sts Gabriel D, HVU, Hansel Valley, HVU, ID06, Fossil Canyon, ID06, Fossil Canyon, AHID, Auburn Hatcher, AHID, Auburn Hatcher, ID05, Sulphur Canyon, CZSB, Cruzeiro do Su, CZSB, Cruzeiro do Su, OMMB, Old Mammoth Mt, OMMB, Old Mammoth Mt, NV11, Mina Array Sit, ID07, Smith Canyon, ID07, Smith Canyon, MDPB, Devils Postpil, ELK, Elko, ELK, Elko, NVAR, Mina Array Bea, NVAR, Mina Array Bea, NVAR, Mina Array Bea, ECR, Eagle Creek, ID08, Devils Gate, ID08, Devils Gate, REDW, Red Top Meadow, E38A, The Farm, Brul, SNOW, Snow King Moun, LOHW, Long HOLLOW, LOHW, Long HOLLOW, TPWA, Teton Pass, TPWA, Teton Pass, KVN, Katerville, MOOV, Moose Ponds, FXWY, Fox Creek, E28A, Huff, NNA, Nana, IMW, Indian Meadow, IMW, Indian Meadow, FLWY, Flagg Ranch, FLWY, Flagg Ranch, YERR, Yerington, SADO, Sadowa, CMB, Columbia Colle, RLMT, Red Lodge, RLMT, Red Lodge, RLMT, Red Lodge, YHH, Holmes Hill, EYMN, Ely, EYMN, Ely, YHD, Hebgren Lake, MDND, Maddox, MDND, Maddox, LAO, LASA Array, LAO, LASA Array, HLID, Hailey, HLID, Hailey, HLID, Hailey, HLID, Hailey, B35A, Bot, Littlelor, GCMT, Greyhoff, BCYJ, Bear Canyon, MCMT, McKenzie Canyo, PLTX, Planet X, Gerl, MFID, Camas Ranch, MFID, Camas Ranch, BOZ, Bozeman (W), BOZ, Bozeman (W), J61A, Chester, DLMT, Dillon.

29d 21h

Table with columns: Code, Description, Value, Unit, Status, etc. Rows include DLMT, ORV, LRM, DGMT, Dagma, WGOR, WVOR, HRY, ELMT, J08A, BEIM, PLID, BPMT, ULM, ULM, ULM, LYMT, EGMT, EGMT, CHMT, BMO, OVMT, MSO, MSO, BOAV, BOAV, L04D, KHMM, F10A, F10A, JTMT, KRFM, PKME, KBO, ETMB, ETMB, ETMB, J01E, H04A, H04A, KEBM, HOOD, NEW, NEW, LTY, LTY, LON, SAML, SAML, SAML, FFC, LPAZ, LPAZ, LPAZ, EDM, EDM, PB16, CLRS, LLLB, LLLB, MDP, G001, ITTB, VILB, VILB, VILB, RPN, NPGB, MCPB, LVC, LVC, LVC, LVC, SCHO, SCHO, SIV, AF01, BBB, CLDB, PTLB, PTLB, BBS0, G002, G002, BBBR, AC06, PRPB, TMAB, SALV, LCO, YKA, YKA, KOTAN, G004, G004, SNDB, CO01, CO01, PP1B, DLBC, DLBC, DLBC, DLBC, DLBC.

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Table with columns: Code, Description, Value, Unit, Status, etc. Rows include CO03, BDOE, TAOE, TAOE, TAOE, CO02, MURT, R33M, R33M, R33M, FRB, AODB, G32M, G32M, ARAG, SMTE, TGNT, ZON, ZON, ANTJ, VA03, VA03, ROSB, PTCN, MT02, P32M, P32M, P32M, ESFA, P33M, P33M, P33M, RPRD, MT03, SKAG, MT08, MT13, N32M, N32M, N32M, BO04, BO04, LMEL, LMEL, PLBC, BO01, BO01, WHY, MIMPY, MIMPY, MIMPY, FARO, FARO, FARO, P29M, P29M, O30N, CPUP, CPUP, N31M, BDFB, BDFB, BDFB, HYT, PNL, O29M, ITRB, N30M, YUK6, PINM, YUK4, M30M, M30M, SDBA, IPMB, YUK8, M29M, M29M, M29M, MESA, L29M, L29M, CTG, YK9K, YK9K, BGLO, BVCY, CRQE, I30M, IB19B, KAIM, CRSM, MCARA, M27K, DAWY, DAWY, G31M, BCAR, L27K, L27K.

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Table with columns: Code, Description, Value, Unit, Status, etc. Rows include BMRM, I29M, M26K, EPYK, N25K, N25K, N25K, L26K, L26K, ITAB, INK, INK, K27K, K27K, H29M, H29M, FIDU, FIDU, HARP, HARP, G29M, GLI, SFJD, SCRK, I27K, I27K, J26L, J26L, J26L, RES, RES, RIDG, RIDG, RIDG, RIDG, PLCA, PLCA, PLCA, PLCA, H27K, H27K, I26K, I26K, M23K, DIAM, E29M, KNK, K24K, F28M, F28M, F28M, SML, G27K, G27K, WAT6, J25K, J25K, J25K, H25K, H25K, H25K, BRSE, GHO, GHO, PMR, RC01, KDAK, KDAK, WAT1, PMOR, HDA, HDA, HDA, HDA, PLTB, PRP, PRP, IL03, IL03, ILAR, ILAR, ILAR, TRQA, G26K, E27K, SII, SUA, RND, RND, CUT, MCK, MCK, MCK, H25L, H25L, BMAR, F26K, RCBR, CHIR, SKT, N20K, SPCR, G25K, G25K, BFN, BFN, TRF.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEA2 Nenana, H24K Noodor Dome, F25K Christian River, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, MDT Midland, PMSA Palmer Station, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 29:21:55.28.8-4.4, MSVF Nonsavu, STKA Stephens Creek, etc.

29d 22h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Lobatse, Musina, Mopani, Boshof, Matopo, Upi, Graf, Brakfontein, and Long Hollow.

ADC 29 22:25:28.5±1.3, 44.67N:106.44W, h0km, mbmp3.3/2, ML3.0/2, Error ellipse: s-maj=54.6km s-min=9.4km az=140.0

NEIC 29 22:25:29.8±1.3, 45.17N:106.85W:0.05, h0km, 2km, ML2.6/40, Error ellipse: s-maj=8.6km s-min=4.2km az=217.0

ISC 29 22:25:26.9±1.0, 45.02N:106.106E:0.04, h0km, n28, ±151/25, Montana

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Red Lodge, LASA Array, Black Hills, Casper, Norris Junction, Flag Ranch, Boulder Array, Pinedale Array, and Long Hollow.

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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 Moose Ponds, Hebgen Lake, Indian Meadow, Teton Pass, Red Top Meadow, Eagleton, Lander Cutoff, Dillon, Ovando, Hardware Ranch, Lac du Bonnet, Ovando, Hardware Ranch, Combarbal, Torpederas, El Pedregal, San Esteban, Curacav, Peidehue, Tololo Observa, La Serena, Santo Domingo, Renca, Huala, and Cerro Caljn.

ADC 29 22:36:27.2±0.8, 31.68S:71.93W, h0km, mb4.0/5, mbmp3.8/10, ML3.7/5, MS3.4/6, Error ellipse: s-maj=29.3km s-min=20.8km az=99.0

SJA 29 22:36:27.0±1.6, 31.82S:72.18W, h15km, ML4.1, MW4.3, NEIC 29 22:36:30.0±1.3, 31.70S:72.21W:0.07, h39km, 18km, mb4.1/4, ML4.1(GUC), Error ellipse: s-maj=8.6km s-min=6.1km az=101.0

GUC 29 22:36:32.3±0.8, 31.93S:72.02W, h42km, 3km, ML4.2, ISC 29 22:36:26.5±1.3, 31.73S:72.08W:0.04, h2km, 8km, n140, ±1543/217, mb4.3/5, 21C, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Combarbal, Torpederas, El Pedregal, San Esteban, Curacav, Peidehue, Tololo Observa, La Serena, Santo Domingo, Renca, Huala, and Cerro Caljn.

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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 Farellones, Universidad Ad, Popeta, Pirque, Bocatomá, Juntas del Tor, San Alfonso, Las Melosas, Reserva Natura, Pichilemu, Tunca, Salagasta, Zonda, Las Campanas, Agrelo, Sierra Bellavi, Huala, and Cerro Villicun.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Coronel Fontan, Copiap, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like YOSONDUA, MONTECRISTO, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Villavicencio, Puerto Gaitan, and various other locations.

29d 23h

Table with columns for station name, elevation, and other parameters. Includes stations like PAPH, HOJ, GWJ, STH, etc.

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Table with columns for station name, elevation, and other parameters. Includes stations like TX31, TX32, TX33, WMOK, P40A, etc.

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Table with columns for station name, elevation, and other parameters. Includes stations like ISC 29 22:57.10.3.0.9, TNTI, LBMI, etc.



30d Oh

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes entries like MT04, RTLS Leoncito, MT12 Pirque, MT08 Bocatomá Ro, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes entries like ASAR Alice Springs, WRA Warramunga Arr, FINES Fines Array B, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes entries like WRA Warramunga Arr, FINES Fines Array B, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes entries like G004 Tololo Observa, CO05 VAOS, MT14 Cerro Caljn, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes entries like BATI Baumata, WRA Warramunga Arr, ASAR Alice Springs, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes entries like SATY 15nm,0.7s, UZB Uzynbulak, SHLS Shalkode, etc.

IDC 30 00:20:24.8-1.7, 776S:128.86E, h184km, 89km, mb3.2/1, mbtmp3.5/4, Error ellipse: s-maj=88.8km s-min=26.6km az=36.0, Banda Sea

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

NEIC 30 00:34:01.7-1.0, 17.5S:0.2x178.5W:0.1, h578km, 9km, mb4.4/19, Error ellipse: s-maj=22.6km s-min=15.0km az=165.0

IDC 30 00:34:04.0-2.0, 17.20S:179.05W, h570km, 18km, mb3.1/6, mbtmp4.0/7, Error ellipse: s-maj=88.5km s-min=19.6km az=150.0

ISC 30 00:34:02.3-0.6, 17.5S:0.2x178.6W:0.1, h578km, n31, r129/33, mb4.2/17, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamata, PINNC Pines Island, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 00:38:32.0-0.7, 21.39N:143.90E, h0km, mb3.9/12, mbtmp3.9/12, MS3.1/6, Error ellipse: s-maj=26.8km s-min=18.2km az=73.0

ISC 30 00:38:37.0-0.7, 21.4N:0.1x143.9E:0.2, h33km, n25, r0592/13, mb4.0/13, MS3.2/4, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, JHJ Hachijo jima, WAKE ISLAND, MA2 Magadan, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBZ Khabaz, FINES Finest Array B, WRAC Vranov.

IDC 30 00:47:11.3-1.8, 1.27S:120.43E, h0km, mb3.2/3, mbtmp3.3/4, ML3.4/1, Error ellipse: s-maj=60.6km s-min=26.0km az=73.0

DJA 30 00:47:14.9-0.3, 1.2S:4.12E, h10km, M4.0/9, mb4.5/1, MLV3.7/2

ISC 30 00:47:12.8-1.2, 1.21S:0.08x120.4E:0.1, h10km, n9, r103/10, mb3.1/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TTSI Tana Toraja, MRSI Marisa, LUWI Luwik, GTOI Gorontalo, KAPI Kappang, etc.

IDC 30 00:55:38.3-3.2, 0.87N:127.60E, h44km, 35km, mb3.6/4, mbtmp3.6/6, ML3.7/2, MS2.4/1, Error ellipse: s-maj=29.1km s-min=22.0km az=35.0

ISC 30 00:55:37.1-1.2, 0.9N:0.2x127.6E:0.1, h35km, n6, r1811/7, mb3.8/4, Halmaera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, SIJU Warramunga Arr, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 01:18:08.5-6.5, 5.40S:147.31E, h91km, 79km, mb3.5/1, mbtmp3.9/4, ML3.9/2, MS3.3/5, Error ellipse: s-maj=103.8km s-min=21.9km az=122.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, KRVT Koravt (AS076), CTA Charters Tower, WRA Warramunga Arr, etc.

BER 30 01:22:46.8-1.8, 8.2S:53N:6.08W, h10km, mb(Pn)3/6, Confirmed Earthquake

DNK 30 01:22:46.1-0.4, 8.2S:53N:6.23W, h0km, 15km, ML1.2

ISC 30 01:22:45.3-2.3, 8.23N:0.2x6.16W:0.05, h10km, n9, r1856/14, North of Svalbard

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOR Nord, KBS Kingsbay, BRBA Barentsburg A, SPAO Spitsbergen Ar, etc.

IDC 30 01:27:14.3-2.8, 14.28N:94.31W, h0km, mb3.6/7, mbtmp3.6/8, ML4.2/1, MS3.5/10, Error ellipse: s-maj=58.8km s-min=35.6km az=7.0

MEX 30 01:27:24.9-0.8, 14.92N:94.37W, h18km, MD4.2

NEIC 30 01:27:26.1-1.5, 15.21N:0.06x94.25W:0.07, h14km, 10km, mb4.2/52, Md4.2/19(MEX), Error ellipse: s-maj=11.6km s-min=6.4km az=54.0

ISC 30 01:27:23.0-0.8, 15.13N:0.05x94.28W:0.05, h10km, n81, r1982/73, mb4.0/14, MS3.4/9, Near coast of Oaxaca

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

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PATR, TGIG, TGBT, TUXT, PAVE, UNION, etc.

30d 3h

UCR 30 01:28:57.9.1.2, 8°20'N-82°56'W, h5km, 12km, MW3.6
UPA 30 01:29:00.4.1.2, 8°31'N-82°61'W, h28km, 9km, MW4.2

Fault plane solution: N1P1-58.0000°, 863.0000°,
-1, 43.0000°.
ISC 30 01:28:58.0.1.1, 8°17'N-0°03'-82°59'W, 0°02, h12km, 10km,
n44, c1931/66, 8C-6D, Panama-Costa Rica border region

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

LDG 30 01:57:57.0.2.4, 7°00'N-4°39'W, h2km, Md2.4/1, M2.5/19,
Error ellipse: s-maj=3.0km s-min=2.3km az=100.0°
STR 30 01:58:00.3.1.0, 48°18'N-6°5'W, h24km, 4km, MLv2.6/7, Error
ellipse: s-maj=0.0km s-min=0.0km az=33.6, preliminary

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

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Table with columns: AVF, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

IDC 30 02:35:03.0.2.0, 0°23'N-125°17'E, h0km, mb3.5/3,
mbtmp3.6/3, Error ellipse: s-maj=181.2km
s-min=27.9km az=64.0, Northern Molucca Sea

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

IDC 30 02:45:52.2.1.6, 2°97'S-136°89'E, h42km, 16km, mb3.9/12,
mbtmp4.2/16, ML4.3/3, MS3.4/14, Error ellipse:
s-maj=15.3km s-min=10.7km az=22.0°

NEIC 30 02:45:52.2.4.3, 2°25'01"S-136°85'E, 0°07, h34km, 7km,
mb4.4/11, Error ellipse: s-maj=14.9km s-min=10.3km
az=192.0°

DJA 30 02:45:52.8.0.5, 3°S-4°13'E, h38km, 7km, MW4.8/21,
mb4.7/21, ML4.3/5, MLV4.9/10, Mw(MB)4.7/5, Mw(Mw)4.7/1,
Mwp3.0/1

ISC 30 02:45:51.0.4.3, 2°05'N-136°86'E, 0°04, h32km, n80,
c1998/81, mb4.2/18, MS3.6/8, Irian Jaya

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

ISC 30 02:55:15.8.1.4, 13°40'N-145°94'E, h0km, mb3.8/5,
mbtmp3.8/5, Error ellipse: s-maj=33.6km s-min=21.9km
az=173.0°

ISC 30 02:55:21.7.1.2, 13.4°N-0°2'-145.9°E, 0.1, h43km, n6,
c098/97, mb3.9/5, Mariana Islands

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

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

comp=2.13nm, 0.6s
SONM Songo Array 57.39 336 P 02 55 35.4 -1.6

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

IDC 30 02:55:15.8.1.4, 13°40'N-145°94'E, h0km, mb3.8/5,
mbtmp3.8/5, Error ellipse: s-maj=33.6km s-min=21.9km
az=173.0°

ISC 30 02:55:21.7.1.2, 13.4°N-0°2'-145.9°E, 0.1, h43km, n6,
c098/97, mb3.9/5, Mariana Islands

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



Table with columns: MKAR, AKTO, BVAR, ZALV, SONM, AKASG, FINES, ARCES, HFS, NOA, TORO, WRA, ASAR. Includes station names, coordinates, and time/res data.

ADC 30 03:20:36.4, 1.0, 0.89N, 127.22'E, h0km, mb4.0/6, mbtmp4.07, ML2.9/1, Error ellipse: s-maj=60.8km s-min=17.9km, az=63.0

NEIC 30 03:20:36.2, 1.6, 1.17N, 0.05x127.3E, 0.1, h20km, 7km, mb4.2/11, Error ellipse: s-maj=21.9km s-min=6.0km az=77.0

DJA 30 03:20:38.0, 0.4, 1.1N, 3x12.7E, h10km, M3.6/7, MLv3.6/7

DJA 30 03:20:35.0, 0.7, 1.02N, 0.06x127.15E, 0.05, h10km, n27, a195/28, mb4.1/12, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like TATI, LBMI, SANI, GORI, etc.

ADC 30 03:32:01.1, 2.4, 8.19S, 122.82E, h203km, 18km, mb2.9/2, mbtmp3.4/5, Error ellipse: s-maj=108.5km s-min=25.6km az=59.0

ISC 30 03:32:00.9, 1.2, 8.3S, 0.1x122.8E, 0.1, h200km, n16, a177/20, Flores region

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

0.3nm, 0.5s, baz=318, slow=5.9, SNR=1.8 0.3nm, 0.5s
ADC 30 03:39:32.6, 1.2, 0.84N, 127.04E, h0km, mb3.7/4, mbtmp3.7/5, ML2.9/1, MS3.0/2, Error ellipse: s-maj=61.3km s-min=20.7km, az=61.0

DJA 30 03:39:33.5, 0.5, 1.1N, 4x12.7E, h11km, 3km, M3.4/5, MLv3.4/5

ISC 30 03:39:33.8, 1.2, 0.85N, 0.09x127.04E, 0.08, h10km, n9, a079/10, mb3.8/4, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TATI, LBMI, SANI, etc.

PDG 30 03:57:52.4, 0.2, 42.58N, 18.01E, h20km, MD2.8/1, ML2.5/12, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0

RHSSO 30 03:57:52.3, 0.4, 42.60N, 17.93E, h13km, 1km, ML2.4/13

BEQ 30 03:57:52.6, 0.4, 42.67N, 18.05E, h23km, 2km, ML2.2/9

VIE 30 03:57:55.0, 1.0, 42.76N, 17.50E, h8km, ml2.0/2, Error ellipse: s-maj=21.5km s-min=5.5km az=37.0 119 km SE of Split

ISC 30 03:57:52.0, 0.9, 42.63N, 0.03x17.96E, 0.02, h32km, 6km, n61, a1919/102, 11C-1D, Adriatic Sea

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like DBRK, TREB, STON, etc.

ADC 30 04:04:25.9, 2.9, 4.35S, 153.17E, h0km, mb3.7/2, mbtmp3.7/2, Error ellipse: s-maj=51.4km s-min=43.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KRVT, WRA, ASAR, TORO.

ADC 30 04:11:43.4, 1.7, 1.70N, 124.48E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=224.8km s-min=22.7km, az=64.0, Minahassa Peninsula, Sulawesi

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

MOS 30 04:12:46.8, 1.1, 27.78N, 57.02E, h9km, mb4.5/16, Error ellipse: s-maj=9.1km s-min=6.0km az=102.0

DSN 30 04:12:47.8, 1.8, 27.88N, 57.70E, h15km, ML4.4/12, Error ellipse: s-maj=3.1km s-min=13.1km az=142.0

ADC 30 04:12:47.3, 0.6, 27.87N, 57.11E, h0km, mb3.9/23, mbtmp4.0/27, ML4.3/4, MS3.3/19, Error ellipse: s-maj=18.9km s-min=13.2km az=178.0

TEH 30 04:12:50.8, 27.88N, 57.22E, h20km, 37km, ML4.5

NEIC 30 04:12:50.7, 2.0, 27.89N, 0.06x56.82E, 0.06, h10km, 1km, mb4.2/19, Error ellipse: s-maj=12.7km s-min=6.5km az=42.0

OMAN 30 04:12:54.7, 1.2, 27.56N, 57.05E, h16km, mb4.1/7, ml4.3/17, ms2.8/3, Error ellipse: s-maj=12.2km s-min=6.1km az=18.0

ISC 30 04:12:49.4, 0.4, 27.33N, 0.03x57.11E, 0.03, h10km, n220, a177/222, mb4.1/50, MS3.2/15, 2C-7D, Southern Iran

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like KHNJ, IBND, GENO, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNVZ Wahianoa, KRHZ Kereru, PKVZ Pokaka, etc.

IDC 30 04:38:29.5,4.2, 13.65N,89.76W, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=84.8km s-min=57.8km az=5.0

SNET 30 04:38:39.0,0.9, 13.62N,90.29W, h76km, 5km, ML3.1 CGCG 30 04:38:42.4,0.6, 13.77N,90.37W, h64km, 15km, MD3.7

ISC 30 04:38:37.8,1.5, 13.47N,106.9036W,0.04, h31km, 11km, n39, r154/55, Near coast of Guatemala

Main table of station data for the first section, including codes like NUBE, NUBE, NUBE, etc., and station names like Las Nubes, Lomas de Alarc, etc.

IDC 30 04:41:17.3,3.4, 46.22N,153.33E, h0km, mb3.6/2, mbtmp3.6/3, ML2.21, MS2.91, Error ellipse: s-maj=78.5km s-min=58.3km az=21.0, Kuril Islands

Table of station data for the second section, including codes like PETK, KLR, H11S1, etc., and station names like Petropavlovsk, Kuf'dur, etc.

IDC 30 05:13:24.0,0.7, 21.47N,143.90E, h0km, mb4.2/16, mbtmp4.2/18, ML3.52, MS3.9, Error ellipse: s-maj=22.8km s-min=17.7km az=7.0

ISC 30 05:13:29.2,0.7, 21.54N,144.0E, 0.10,144.0E, 0.2, h33km, n36, r162/23, mb4.3/17, MS3.0/7, Mariana Islands region

Table of station data for the third section, including codes like JCJ, GUMO, MJAR, etc., and station names like Chichijima, Guam, etc.

Table of station data for the middle section, including codes like H11S2, ASAR, KLR, etc., and station names like WAKE ISLAND, Alice Sakawa, etc.

NNC 30 05:19:05.7,0.6, 44.27N,81.23E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=7.7km s-min=2.7km az=126.0

SOME 30 05:19:06.2,4.4, 22N,81.18E, h0km

ISC 30 05:19:05.6,1.1, 44.19N,141.8E,0.07, h10km, n46, r127/44, 5C-4D, Northern Xinjiang

Table of station data for the fourth section, including codes like Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, etc.

Table of station data for the fifth section, including codes like TNSS, TNSS, TNSS, etc., and station names like Tian-Shan, Tian-Shan, etc.

IDC 30 05:19:14.4,3.0, 6.09S,146.88E, h12km, 17km, mb4.1/13, mbtmp4.1/15, ML3.3/2, MS3.5/23, Error ellipse: s-maj=30.8km s-min=12.7km az=84.0

NEIC 30 05:19:18.9,2.3, 6.13S,146.80E,0.10, h41km, 7km, mb3.5/39, Error ellipse: s-maj=13.6km s-min=9.5km az=0.0

ISC 30 05:19:18.3,0.4, 6.13S,146.80E,0.07, h35km, n101, r137/88, mb4.4/33, MS3.4/17, 1D, Eastern New Guinea region

Table of station data for the sixth section, including codes like Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, etc.



Table with columns for station name, frequency, power, and signal quality. Includes stations like HNS HongShan, HNS Taipa Grande, HNS Hong Kong Po S, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like ULN Ulanbaatar, ULN TAPN, ULN ODAN, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like MKAR comp=Z,3.4nm,0.7s, MDJ Mudanjiang, etc.

Table with columns for station codes (AAK, KLR, SGDS, etc.), names (Ala-Archa, Kul'dur, etc.), and numerical data (26.24 302, 06 20 13.9 +1.6, etc.).

Table with columns for station codes (UGL, BVA0, BVAR, etc.), names (Borovoye Array, Borovoye, etc.), and numerical data (32.42 320, 06 21 07.0 +0.1, etc.).

Table with columns for station codes (KAPI, NGJI, KMMI, etc.), names (Kappang, Kallianget, etc.), and numerical data (39.58 157, 06 22 09.4 +0.9, etc.).

Table with columns for station name, frequency, power, and other technical details. Includes stations like BELG, BATI, MAK, MZR, NAX, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMY, ANN, LVZ, APA, GAZ, MBWA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SPITS, CSS, MTSE, TLCR, WRA, etc.







30d 6h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PNL Peninsula, HYT Haines, SSB Saint Sauveur, etc.

2015 SEP

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like IVI wiglut, MTE Manteigas, PCBS Viseu, etc.

2152

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like RSSD Black Hills, CTU Camp Tracy, F33A 5 Mile Ranch, etc.

JMA 30 06:20:09.6:0.36:03N:109.137:5E:0.1,h7km,MV-0.3/8, WESTERN NAGANO PREF, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KDTR, PAU, SKR, ASAK, MTRV, GRL, GRL, KRMR, KRMS, DALK, AVH, KOK, KRX, KZV, TUMR.

GCG 30 06:22:22.84.4, 15.08N:95.50W, h2km, 99km, MD4.3
NEIC 30 06:22:38.6.2.2, 15.08N:07.94:31W, 0.05, h10km, 1km,
mb4.0/20, Md4.3/20(MEX), Error ellipse: s-maj=12.6km

MEX 30 06:22:40.2.0.4, 15.00N:94.35W, h16km, 99km, MD4.3
IDC 30 06:22:42.8.4.8, 15.23N:93.99W, h55km, 38km, m3.6/8,
mb2mp3.6/9, ML4.7/2, MS3.2/6, Error ellipse: s-maj=36.1km
s-min=22.8km az=193.0

ISC 30 06:22:40.0.0.8, 15.04N:05.94:34W, h0.04, h37km, 1km,
n83, r155/89, mb4.0/10, MS2.8/5, 1C, Near coast of
Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CARR, STR, PCIG, PCIG, HUIG, HUIG, PATR, PATR, TGIG, TGIG, PAVE, PAVE, TGBT, TGBT, UGIB, UGIB, CHUU, CHUU, UXUV, UXUV, CGIC, CGIC, STG3, STG3, HUEH, HUEH, SULM, SULM, PEIG, PEIG, OHIG, OHIG, XVO, XVO, FUG, FUG, NBG, NBG, TLIG, TLIG, ESQI, ESQI, MTO3, MTO3, TEIG, TEIG, TEIG, TEIG.

TEIG 347nm, 0.4s, baz=88, slow=21, SNR=1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ACOM, ORTG, DUNO, RIMA, 833A, HND0, HND0.

435B Jarrell 15.95 350 Pn 06 26 23.6 +1.9

435B comp=Z, 1.1nm, 0.7s IAMB IAMB 06 26 26.7

SAND Sanderson 16.48 336 Pn 06 26 29.3 +0.8

SAND comp=Z, 8.7nm, 1.4s IAMB IAMB 06 26 32.2

TX31 Lajitas Ar, Si 16.63 330 Pn 06 26 31.3 +0.9

TX32 Lajitas Arroyo 16.63 330 Pn 06 26 31.2 +0.8

TXAR Lajitas Arroyo 16.63 330 Pn 06 26 32.5 0.0

TXAR Lajitas Arroyo 16.63 330 Pn 06 26 32.5 0.0

OZNA Ozona 16.99 340 Pn 06 26 34.5 -0.3

OZNA comp=Z, 1.3nm, 1.2s IAMB IAMB 06 26 38.0

ALPN Alpine 17.49 332 IAMB IAMB 06 26 42.3 +1.1

ALPN comp=Z, 4.3nm, 0.8s IAMB IAMB 06 26 50.4

SGCY Sterling City 17.90 341 IAMB IAMB 06 26 46.9 +0.7

SGCY comp=Z, 8.8nm, 0.8s IAMB IAMB 06 27 00.7

ABTX Abilene, Hawle 18.16 346 IAMB IAMB 06 26 50.2 +0.9

ABTX comp=Z, 1.0nm, 0.9s IAMB IAMB 06 27 01.9

ODSA Odessa 18.58 338 Pn 06 26 53.5 -0.5

ODSA comp=Z, 8.7nm, 0.8s IAMB IAMB 06 27 08.3

SN01 Snyder I 18.71 343 IAMB IAMB 06 26 56.7 +0.7

SN01 comp=Z, 8.2nm, 1.0s IAMB IAMB 06 26 58.4

WTF5 Wittchita Falls 19.01 349 IAMB IAMB 06 27 00.3 +0.7

WTF5 comp=Z, 7.8nm, 0.6s IAMB IAMB 06 27 08.0

POST Post 19.09 341 Pn 06 27 01.1 +0.5

POST comp=Z, 1.3nm, 1.2s IAMB IAMB 06 27 02.7

DKNS Dickens 19.48 343 Pn 06 27 04.9 +1.0

DKNS comp=Z, 1.3nm, 1.1s IAMB IAMB 06 27 07.3

CBOC Ciudad Bolivar 20.18 315 eS Pn 06 27 13.7 +1.8

MBST Mushesho 20.33 339 Pn 06 27 14.9 +1.8

AMTX Amarillo 20.83 343 Pn 06 27 19.0 +0.4

YOTC Yotoco, Valle 21.01 120 eP Pn 06 27 18.0 -1.2

JAMC Jamundi, Valle 21.01 122 eP Pn 06 27 21.8 +1.0

GU2C Guayana, Caudas 21.05 116 eP Pn 06 27 22.9 +1.3

BBAC Balboa, Cauca 21.26 126 eP Pn 06 27 26.4 +2.9

121A Cookes Peak, D 21.28 327 Pn 06 27 25.4 +1.9

POPC Popayan, Colom 21.40 124I eP Pn 06 27 26.6 +1.6

PULU Pululahua 21.63 132 Pn 06 27 29.6 +2.0

ORGA Volcan Galeras 21.68 128 eP Pn 06 27 28.9 +0.6

ORCA Ortega, Tolima 22.77 115 eP Pn 06 27 30.9 +1.6

NOKA Waynoka 21.89 500 Pn 06 27 32.3 +2.5

PRAC Prado 22.23 119 eP Pn 06 27 35.4 +1.7

TKL Tuckaleechee C 22.61 23 LR 06 38 30.1

CHIC Ciudad Bolivar 20.18 315 eP Pn 06 27 13.7 +1.8

RUSC La Rusia 21.77 111 eP Pn 06 27 42.0 +2.2

SDV Santo Domingo 23.97 102 LR 06 36 46.9

PTGC Puerto Gaitan, 24.37 114 eP LR 06 26 54.1 +1.5

PFO Puyao 27.25 317 LR 06 38 11.6

NVAR Mina Array Bea 31.45 322 LR 06 43 16.0

YBH Yreka Blue Hot 36.12 323 LR 06 46 23.2

ETMB Etmba 37.16 190 Pn 06 29 48.0 -0.4

ETMB comp=Z, 3.0nm, 0.7s IAMB IAMB 06 29 48.6

LPAZ La Paz 40.48 139 Pn 06 30 14.6 +1.3

LPAZ comp=Z, 0.8nm, 0.5s, baz=316, slow=9.0, SNR=5.7

BDFB Brasilia 54.99 122 Pn 06 32 07.7 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ILAR, Eielson Array, EKA, Eskdalemuir Ar, ESDC, NORASR Subarra, NOA, NORASR Array B, ARCES, Alces Array B, TORO, Torodi Ar, Bea, PZH, PanZhihua.

IDC 30 06:26:39.2.2.1, 31.98N:104.93E, h0km, mb3.4/4,
mb2mp3.4/4, Error ellipse: s-maj=358.0km,
s-min=24.5km az=53.0, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MKAR, Kuruchot Array, WRA, Warraminga Arr, ASAR, Alice Springs.

NNC 30 06:30:14.0.2.8, 41.63N:74.29E, h0km, mb2.6, mpv1.9,
Error ellipse: s-maj=20.4km s-min=7.6km az=6.0
KRNET 30 06:30:15.2.0.1, 41.68N:74.40E, h9km, mb2.1
ISC 30 06:30:13.9.3.7, 41.61N:02.74:35E, h4km, 25km, n6,
o82/211, 7C-5D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARLS, Aral, ARLS, Almayashu, AML, Amlyashu, BOOM, Boomskeye usch, BOOM, Bokskeye usch, TKM2, Tokmak 2, TKM2, Manas, MNAS, Manas, MNAS, Karatay Array, KK31, Karatay Array, KK31, Karatay Array.

SCB 30 06:30:34.2.1.1, 17.49S:67.26W, h26km, 7km, ML3.0/1,
MWV.5, Error ellipse: s-maj=3.9km s-min=2.5km az=0.0,
Central Bolivia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BBOE, La Paz, Chanca, SOEJ, Jacaque, SOEJ, Opoqueri, LPAZ, La Paz, SOET, ToroToro, SOET, SOET.

WEL 30 06:34:33.2.0.9, 37.54N:17.9E, h12km, M5.3/97,
ML5.4/30, MLV5.3/97, Error ellipse: s-maj=0.0km
s-min=0.0km az=92.2

MOU 30 06:34:35.1, 37.31S:179.05E, h52km, mb5.2/62, Off E.
Coast of N. Island, NZ

NEIC 30 06:34:36.5, 37.14S:178.79E, h46km
NEIC 30 06:34:36.5, 37.24S:179.17E, h46km, Moment Tensor
Solution. Duration: 166 Moment tensor: Scale 10^16Nm;
Mr: 1.12; Mw: 0.53; Mww: 0.59; Me: 1.23; Mv: 3.73; Mr: 0.11;
Fault plane solution: Mo: 3.980000e+16 NP1:
phi267.400000, lambda80.590000, lambda-21.770000. NP2:
phi268.530000, lambda-169.880000. Principal axes: T 4.4058,
Plg6.0000, Azm316.0000; N -0.8522, Plg66.0000,
Azm65.0000; P -3.5537, Plg22.0000, Azm222.0000;
Bull 30 06:34:36.1, 0.0, 36: 77S: 179: 17E, h54km, mbs.3/12,
mbs.6/8, Mss.2/2, M57 4.7/2

NEIC 30 06:34:36.3, 1.7, 37.16S:0.08, 178.8E:0.1, h49km, 5km,
mbs.5/0/2, Mw=0.12, Error ellipse: s-maj=14.7km
s-min=12.0km az=96.0

GCMT 30 06:34:38.3, 0.3, 37.05S:0.10: 179.10E:0.02, h37km, 1km,
MW5.0/94, Moment Tensor Solution. s42,c54; s94,c124;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr: 0.58; 21;
Mw: 0.96; 14; Mw: 1.54; 15; Mw: 1.70; 17; Mw: 3.34; 10;
Mv: 0.55; 16; Best double couple: Mo: 3.979000e+16
NP1: phi258.000000, lambda87.000000, lambda-27.000000. NP2:
phi350.000000, lambda303.000000, lambda-177.000000. Principal axes:
T 4.2770, Plg17.0000, Azm307.0000; N -0.6000,
Plg63.0000, Azm73.0000; P -3.6800, Plg21.0000,
Azm221.0000; nst4 refers to surface waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

IDC 30 06:34:38.2, 2.0, 37.05S:178.77E, h70km, 15km, mb4.7/14,
mb2mp5.0/16, MS3.8/22, Error ellipse: s-maj=17.4km
s-min=12.2km az=77.0

ISC 30 06:34:35.8, 0.6, 37.15S:0.04: 178.95E:0.06, h48km, 4km,
h48km, pp-P, n404, phi1979/408, mbs.1/48, MS3.9/30, 8D,
Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Code, Station Name, Az, Phase ID, Time, Res. Rows include MKXZ, Matakaoa Point, MKXZ, Matakaoa Point, MKXZ, Matakaoa Point, WNGZ, Waiomatatini S, WNGZ, Pakihiroa, PKGZ, Pakihiroa, PUZ, Puketiti, PUZ, Te Kaha, HAZ, Te Kaha, TWGZ, Tauwhareparea, TWGZ, Tauwhareparea, WNGZ, Raikumara Rang, WUZ, White Island, WNGZ, Carnagh Statio, CNGZ, WSRW, White Island S, TKGZ, Te Karaka, TKGZ, Matawai, MWZ, Matawai.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHRZ, Whale Island, RAGZ, Rawiri, RIGZ, Rimuhau, URZ, Urewera, URZ, Urewera, URZ, Urewera, URZ, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRGZ, Manuatu, MARZ, Manuatu, EDRZ, Edgcombce, OPRZ, Ohinepene, SNGZ, Shannon Statio, SNZ, Kokohu, PHZ, Puhana, RTZ, Rautahua, MHGZ, Mahia Peninsula, MYRZ, Mayor Island, MUOZ, Murupara, MKRZ, Makatiti, LIRZ, Lichensteins R, TGRZ, Taungata, TARZ, Mount Tarawera, OMRZ, Omnia, RRRZ, Republican Roa, RARZ, Arahi, KARZ, Karori, HLRZ, Highlands Stads, WHZ, Waihua, MTHZ, Mangataniwha, NGRZ, Ngongotaha, PUZ, Puketiti, PRRZ, Plateau Road, HSRZ, Hocksock Road, HRRZ, Hancock Road, KMRZ, Kaimai, ALRZ, Allen Road, GSRZ, Gallop Road, NMHZ, Naumai, WPRZ, Whakapapatarin, ARHZ, Aropoanui, MRHZ, Mataea Rd, KHRZ, Kuaotunu, KHZ, Kuaotunu, BKZ, Black Stump Fm, BKZ, Black Stump Fm, TOZ, Tahuroa Road, TOZ, Tahuroa Road, WHZ, Whakaroa, KUTZ, Kaahu Road, HATZ, Hinemaia Hill, MCHZ, McNeill Hill, CKHZ, Cape Kidnapper, GSRZ, Gallop Road, TLZ, Tolley Road, WATZ, Wairara, KWHZ, Kaweka Forest, MKAZ, Moumaki, RAIZ, Rangitukia, RAIZ, Rangitukia, WIAZ, Waiheke Island, KAHZ, Kahurangi, KATZ, Kakarama, KHRZ, Kereru, WHZ, Whakapapa, TMVZ, Te Maari, ETVZ, East Tongariro, KRVZ, Karewarewa, BHHZ, Black Hill Sta, MBZ, Motutapu North, OTZ, Oturu, NNVZ, North Ngauruhoe, WTVZ, West Tongariro, SNVZ, South Ngauruhoe, PKZ, Paganui, PVZ, Paganuihoe, WNZ, Wanganui, TWVZ, Taurewa, EPVZ, Eden Park BICE, MOVZ, Moawhango, HBAZ, Horne Bay Bore, WHZ, Whakapapa Hut, FWVZ, Far West-bar, WNVZ, Whianhoa, TRVZ, Turua, AWAZ, Awhitu Peninsula, PNHZ, Pukenui, WNZ, Wanganui, WPHZ, Waipukurau, HIZ, Haurangi, HIZ, Hauiti, RVVZ, Riverhead, KHVZ, Hokitika, PRVZ, Porangahau, TSZ, Takapari Road, DVHZ, Dannevirke, ANVZ, Angora Road, VRZ, Vera Road, WNZ, Wanganui, WAZ, Wanganui, POWZ, Post Office Ro, BFZ, Birch Farm, BFZ, Birch Farm, BFZ, Birch Farm, PRVZ, Porangahau, OHVZ, Ohakea, LREZ, Lake Rotokare, DREZ, Durahou Road, TWZ, Timokot, PALZ, Palmyra, NEZ, North Egmont, MRZ, Mangatanioka R, MRZ, Mangatanioka R, PKZ, Puketiti, KHEZ, Kahui Hut, NEVZ, Newell Road, NMEZ, Namu Road, TMWZ, Te Maipa, OUZ, Omahuta, KIW, Kapiti Island, SNVZ, South Island, DUWZ, D'Urville Isla, TCW, Tory Channel, TWZ, Tuamarina, CMWZ, Cape Campbell, PYZ, Puysegur Point, NNWZ, Nelson, QRZ, Quartz Range, MRNZ, Matariki Terra, CTZ, Chatham Island, CTZ, Chatham Island, OXZ, Otago, RAO, Raoul Island, RAO, Raoul Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHRZ, Whale Island, RAGZ, Rawiri, RIGZ, Rimuhau, URZ, Urewera, URZ, Urewera, URZ, Urewera, URZ, Urewera, PRGZ, Manuatu, MARZ, Manuatu, EDRZ, Edgcombce, OPRZ, Ohinepene, SNGZ, Shannon Statio, SNZ, Kokohu, PHZ, Puhana, RTZ, Rautahua, MHGZ, Mahia Peninsula, MYRZ, Mayor Island, MUOZ, Murupara, MKRZ, Makatiti, LIRZ, Lichensteins R, TGRZ, Taungata, TARZ, Mount Tarawera, OMRZ, Omnia, RRRZ, Republican Roa, RARZ, Arahi, KARZ, Karori, HLRZ, Highlands Stads, WHZ, Waihua, MTHZ, Mangataniwha, NGRZ, Ngongotaha, PUZ, Puketiti, PRRZ, Plateau Road, HSRZ, Hocksock Road, HRRZ, Hancock Road, KMRZ, Kaimai, ALRZ, Allen Road, GSRZ, Gallop Road, NMHZ, Naumai, WPRZ, Whakapapatarin, ARHZ, Aropoanui, MRHZ, Mataea Rd, KHRZ, Kuaotunu, KHZ, Kuaotunu, BKZ, Black Stump Fm, BKZ, Black Stump Fm, TOZ, Tahuroa Road, TOZ, Tahuroa Road, WHZ, Whakaroa, KUTZ, Kaahu Road, HATZ, Hinemaia Hill, MCHZ, McNeill Hill, CKHZ, Cape Kidnapper, GSRZ, Gallop Road, TLZ, Tolley Road, WATZ, Wairara, KWHZ, Kaweka Forest, MKAZ, Moumaki, RAIZ, Rangitukia, RAIZ, Rangitukia, WIAZ, Waiheke Island, KAHZ, Kahurangi, KATZ, Kakarama, KHRZ, Kereru, WHZ, Whakapapa, TMVZ, Te Maari, ETVZ, East Tongariro, KRVZ, Karewarewa, BHHZ, Black Hill Sta, MBZ, Motutapu North, OTZ, Oturu, NNVZ, North Ngauruhoe, WTVZ, West Tongariro, SNVZ, South Ngauruhoe, PKZ, Paganui, PVZ, Paganuihoe, WNZ, Wanganui, TWVZ, Taurewa, EPVZ, Eden Park BICE, MOVZ, Moawhango, HBAZ, Horne Bay Bore, WHZ, Whakapapa Hut, FWVZ, Far West-bar, WNVZ, Whianhoa, TRVZ, Turua, AWAZ, Awhitu Peninsula, PNHZ, Pukenui, WNZ, Wanganui, WPHZ, Waipukurau, HIZ, Haurangi, HIZ, Hauiti, RVVZ, Riverhead, KHVZ, Hokitika, PRVZ, Porangahau, TSZ, Takapari Road, DVHZ, Dannevirke, ANVZ, Angora Road, VRZ, Vera Road, WNZ, Wanganui, WAZ, Wanganui, POWZ, Post Office Ro, BFZ, Birch Farm, BFZ, Birch Farm, BFZ, Birch Farm, PRVZ, Porangahau, OHVZ, Ohakea, LREZ, Lake Rotokare, DREZ, Durahou Road, TWZ, Timokot, PALZ, Palmyra, NEZ, North Egmont, MRZ, Mangatanioka R, MRZ, Mangatanioka R, PKZ, Puketiti, KHEZ, Kahui Hut, NEVZ, Newell Road, NMEZ, Namu Road, TMWZ, Te Maipa, OUZ, Omahuta, KIW, Kapiti Island, SNVZ, South Island, DUWZ, D'Urville Isla, TCW, Tory Channel, TWZ, Tuamarina, CMWZ, Cape Campbell, PYZ, Puysegur Point, NNWZ, Nelson, QRZ, Quartz Range, MRNZ, Matariki Terra, CTZ, Chatham Island, CTZ, Chatham Island, OXZ, Otago, RAO, Raoul Island, RAO, Raoul Island.

30d 6h

Table with columns for station call letters, frequency, and signal strength. Includes stations like DZM, NOUC, LIFNC, MSFV, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like KMBL, CASY, CASY, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like KSRS, KSRS, KSAR, etc.

Table with columns: ZVC, CONA, KHC, GERES, ARSA, SOKA, ESDC. Includes station names, coordinates, and various parameters like elevation and SNR.

IDC 30 06:37:12.5-2.2, 35.46N, 60.31E, h0km, mb3.5/2, mbtmp3.5/5, ML3.1/3, Error ellipse: s-maj=25.2km s-min=13.2km az=156.0

TEH 30 06:37:14.7, 35.63N, 60.27E, h0km, 19km, ML3.6 NNC 30 06:37:21.9, 3.2, 36.10N, 60.98E, h0km, mb3.8, Error ellipse: s-maj=32.0km s-min=12.6km az=2.0

ISC 30 06:37:15.0-0.7, 35.67N, 0.03, 60.35E, 0.05, h10km, n32, c174/39, 7C-1D, Northern and central Iran

Main station list table for the first section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

IDC 30 06:47:29.7-4.1, 41.74N, 126.93E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=47.6km s-min=17.3km az=112.0, North Korea

Station list table for the second section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

IDC 30 06:57:22.7-4.0, 53.96N, 101.09E, h0km, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=36.6km s-min=26.9km az=24.0, Southwestern Siberia

Station list table for the third section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

IDC 30 07:43:58.1-4.1, 41.71N, 126.96E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=48.5km s-min=17.1km az=113.0, North Korea

Station list table for the fourth section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

IDC 30 07:45:36.5-0.8, 55.25N, 166.81E, h0km, mb3.7/9, mbtmp3.8/11, ML3.7/2, MS3.0/4, Error ellipse: s-maj=28.3km s-min=16.5km az=174.0

KRSC 30 07:45:39.1, 0.7, 55.05N, 166.94E, h3.4km, 19km, ML4.1 NEIC 30 07:45:39.1, 0.7, 55.05N, 167.05E, 0.1, h10km, 2km, mb4.1/13, Error ellipse: s-maj=23.0km s-min=4.2km

az=23.0 ISC 30 07:45:39.8-0.6, 55.07N, 0.07, 166.90E, 0.04, h10km, n71, c1528/84, mb3.9/14, Komandorski Islands region

Main station list table for the second section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

IDC 30 07:48:40.1-2.0, 0.85N, 127.45E, h0km, mb3.6/4, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=50.8km s-min=19.8km az=56.0

DJA 30 07:48:41.5, 0.3, 1°N, 3°12'8"E, h10km, M3.6/8, mb3.7/1, MLV3.5/8 ISC 30 07:48:42.4-1.1, 0.89N, 0.08, 127.60E, 0.05, h10km, n10, c185/15, mb3.7/4, Halmahera

Station list table for the third section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.

1.2nm, 0.3s, baz=224, slow=23, SNR=1.6 GTOI Gorontalo 4.60 267 P Pn 07 49 52.8 +0.7 WRA Warramunga Arr 21.73 163 P Sn 07 50 44.7 +3.1

ASAR Alice Springs 25.17 166 P P 07 54 06.9 -1.2 MKAR Makanchi Array 60.37 326 P P 07 58 50.8 -1.0 KURBB Kurchatov Arra 64.59 328 P P 07 59 18.8 -1.1

IDC 30 07:54:18.2-1.7, 36.38N, 30.86E, h0km, mb3.6/2, mbtmp3.8/4, ML4.0/2, Error ellipse: s-maj=36.5km s-min=26.6km az=115.0

ISK 30 07:54:25.3, 36.50N, 31.28E, h109km, 2km, ML3.5/31 DDA 30 07:54:26.7, 0.0, 36.43N, 31.34E, h53km, 6km, MW3.5 NIC 30 07:54:27.3, 0.0, 36.40N, 31.38E, h78km, 7km, ML3.9/9

THE 30 07:54:28.6, 36.51N, 31.22E, h76km, 12km, ML3.5/2, Error ellipse: s-maj=13.3km s-min=2.8km az=75.0 GII 30 07:54:28.1, 0.0, 36.09N, 31.55E, h7km, 1km, Mm3.3/4

ISC 30 07:54:26.2, 0.9, 36.43N, 0.03, 31.30E, 0.02, h108km, 7km, n106, c195/121, Turkey

Main station list table for the third section, including columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MUSN, MATP, FRAZ, MERW, etc.

SNET 30 09:48:34.0-0.9, 15.52N, 94.22W, h9km, 929km, M.L3.8
MEX 30 09:48:35.0-0.6, 15.18N, 94.29W, h20km, 100km, MD4.5
NEIC 30 09:48:37.5-1.5, 15.22N, 10.94, 19W, 0.06, h35km, 10km,
mb4.4/105, MD4.5/15(MEX), Error ellipse: s-maj=14.5km
s-min=7.8km az=180.0
IDC 30 09:48:42.6-3.6, 15.60N, 94.02W, h71km, 36km, mb3.5/7,
mtbpm3.8/9, ML4.0/2, MS3.2/9, Error ellipse: s-maj=31.4km
s-min=23.4km az=44.0
ISC 30 09:48:38.9-1.0, 15.22N, 0.05-94.36W, 0.03, h3km, 1km,
n125, 191/106, mb4.3/28, MS2.9/6, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PCIG, HUIG, PAVE, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ALPN, FW16, FW07, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SFQB, SF0B, Santa Rosalia, etc.

ECX 30 09:58:32.6-0.4, 28.08N, 112.22W, h7km, 12km, M.L3.4
MEX 30 09:58:33.2-0.5, 28.07N, 112.31W, h3km, 7km, MD3.9
ISC 30 09:58:32.0-1.1, 28.05N, 0.04-112.24W, 0.03,
h32km, 14km, n11, 118/120, 1C-2D, Gulf of California

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like San Franciscoqui, Santa Rosalia, etc.

ISK 30 10:04:18.7, 38.83N, 26.44E, h16km, ML2.6/9
ATH 30 10:04:19.9, 38.84N, 26.46E, h7km, 2km, ML2.2/4, Error
ellipse: s-maj=3.3km s-min=0.8km az=295.0
THE 30 10:04:19.7, 38.83N, 26.39E, h4km, 3km, ML2.6, Error
ellipse: s-maj=3.4km s-min=0.5km az=286.0
DDA 30 10:04:19.1, 0.0, 38.83N, 26.45E, h7km, 2km, ML2.2
ISC 30 10:04:19.7, 0.0, 38.84N, 0.02-26.45E, 0.02, h11km, 8km,
n34, 65/53/59, Aegean Sea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like zmir-Karabur, Mitilini, Foca, etc.

30d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RFT2 Karaagac, RFT1 Sazli, KOCA Canakkale, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOPA Mopani, BOSHA Boshof, LBTA Lobatse, etc.

Station coordinates and parameters: IDC 30 10:23:02.7z 1.3, 21.94S; 67.83W, h68km, 22km, 73.6/1, mbtmp3.7/5, Error ellipse: s-maj=33.1km s-min=13.7km az=125.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, LVC Limon Verde, PB01 IPOC Station P, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PATCX Punta Patache, PB08 IPOC Station P, TA01 Diego Aracena, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOLI2 Tolitoli, SAUI Saumlaki, TTSI Tana Toraja, etc.





30d 10h

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Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like MDJ, NOUC, DZM, YSS, TAPN, etc.

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like ZSN, URZ, YAK, YAG, etc.

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like KKAR, BRZS, BVAO, etc.



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

SJA 30 11:27:48.6:0.2,33:03S:63:03W,h28km,24km,ML3.3,MW3.6,Saita Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ALOL, ASTB, HJA, etc.

KOLA 30 11:28:01.2:67:61N:30:59E,h0km,ML2.0,Error ellipse: s-maj=8.4km s-min=3.0km az=20.0,Murmansk region, Koverd district

HEL 30 11:27:58.2:0.3,67:60N:30:51E,h0km,ML1.6,Explosion,Baltic States-Belarus-Northwestern Russia

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VRF, APAO, OLKF, etc.

ICC 30 11:35:02.5:0.6,21:45N:143:85E,h0km,mb4.2/23,mbmp4.2/26,ML3.5/3,MS3.5/35,Error ellipse: s-maj=20.3km s-min=14.5km az=81.0

ICC 30 11:35:07.8:0.6,21:50N:143:86E,0:1,h35km,n65,0:987/40,mb4.2/23,MS3.5/31,Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JCJ, GUMO, JOW, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSR5, H1N1, H1N2, etc.

ICC 30 11:53:55:7.2.1, 15:91S:174:71W,h312km,22km,mb3.4/3,mbmp4.0/5,Error ellipse: s-maj=141.8km s-min=25.5km az=154.0

ICC 30 11:53:55:1.1.9,16:45S:0:6x174:5W:0.4,h300km,n5,0:154/7,mb3.4/3,Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI, MSVF, STKA, etc.

NEIC 30 12:00:16.8:0.9,12:5N:0:2x141:58E,0:07,h39km,10km,mb4.5/1,Error ellipse: s-maj=25.5km s-min=4.7km az=160.0

ICC 30 12:00:19.4:2.1,12:47N:141:73E,h78km,21km,mb3.8/18,mbmp4.2/21,MS3.4/31,Error ellipse: s-maj=15.8km s-min=11.9km az=106.0

ICC 30 12:00:14.4:0.5,12:54N:0:08:141:86E,0:07,h33km,n60,0:987/42,mb4.3/25,MS3.4/27,South of Mariana Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUMO, JCJ, JAY, etc.



Table with columns: TWP, Chenhua, 1.05 302j, eP, Pg, 13 06 54.9 -0.1, etc. Lists various stations and their parameters.

Table with columns: ASAR, Alice Springs, 23.51 219, P, 13 35 27.1 +0.4, etc. Lists stations in the ASAR region.

Table with columns: TXAR, Lajitas Array, 95.06 50, P, P, 14 00 46.4 -0.2, etc. Lists stations in the TXAR region.

Table with columns: IDC 30 13:30:31.8, 1.3, 5.77S, 149.76E, h167km, 16km, mb3.3/7, etc. Lists IDC station parameters.

Table with columns: JMA 30 13:48:02.0, 2.0, 1.33 N, 2.13 8E, h372km, MV3.5/34, etc. Lists JMA station parameters.

Table with columns: ATH 30 13:53:02.5, 36.81N, 22.63E, h9km, 2km, ML3.1/30, etc. Lists ATH station parameters.







Table with columns: SATY, SATY, SATY, KURS, KURS, KURS, MK31, MK31, MK31, MAKZ, MAKZ, MAKZ, ARXS, ARXS, ZSN, ZSN. Includes station names, coordinates, and status.

IDC 30 16:16:49.0.6.21.40N:143.87E, h0km, mb4.1/21, mbtm4.1/24, ML3.5/3, MS3.5/27, Error ellipse: s-maj=21.0km s-min=13.2km az=78.0

NEIC 30 16:17:04.9.2.1.21.75N:101.142.6E:0.2, h148km, 7km, mb4.3/47, Error ellipse: s-maj=29.9km s-min=13.0km az=102.0

ISC 30 16:16:51.4.0.5.21.41N:0.06:143.8E:0.1, h10km, m109, s=127/86, mb4.4/44, MS3.4/25, Mariana Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chichijima, Guam, Sagara, etc.

Main station list table with columns: ANM, CHGN, ZALV, MKAR, MKAR, SVWZ, SVWZ, KDAK, KDAK, KURBB, NRIK, NRIK, TOO, M20K, J20K, J20K, CNPM, CNPM, SKT, SKT, IMAR, IMAR, TRF, TRF, PWL, AAK, SML, I23K, I23K, KLU, KLU, ILAR, ILAR, ILAR, N25K, RIDG, BVAR, BVAR, BMAR, M27K, K27K, L27K, BCAR, I28M, I28M, M29M, M29M, H29M, H29M, G29M, G29M, I30M, H31M, H31M, YKA, J05D, ARCES, NVAR, NVAR, KBZ, FINES, GMN, ELK, PDAR, AKAS, HFS, TXAR, TORD, PLCA, LPAZ. Includes station names, coordinates, and status.

IDC 30 16:45:43.9.0.6.1.27N:90.67W, h0km, mb4.3/13, s-maj=27.4km s-min=13.8km az=54.0
NEIC 30 16:45:44.3.2.1.21.21N:0.09:90.74W:0.06, h10km, 1km, mb4.9/192, Error ellipse: s-maj=17.7km s-min=6.9km az=31.0
IGQ 30 16:45:45.1.8.1.21.5°N:91°W, h19km
GCMT 30 16:45:47.3.0.1.1.30N:0.01:90.74W:0.01, h12km, MW5.3/139, Moment Tensor Solution, s104.c169; s139.c270; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn=0.34±.01; Mw=0.40±.02; Ms=0.06±.02; M=0.13±.04; M=0.12±.01; M=0.04±.04; Best double couple: M1=23800x-1017, NP1=265.0000, 39.0.0000, 1-174.0000, NP2=175.0000, 884.0000, 3.9.0000

Triangular moment-rate function
ISC 30 16:45:44.2.0.4.1.18N:0.05:90.81W:0.06, h10km, m593, s1544/490, mb4.9/97, MS4.7/58, Galapagos Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FERN, PAYS, PAYS, VCH1, VCH1, VCH1, ALCE, ALCE, PVLV, ISPT, DUNO, SALI, ORTG, JTS, CDITO, HZTE, BRUZ, MORR, ISPG, BATAI, RGMO, ACON, TUMC, COCH, COCH, COCH, MCRA, MCRA, MCRA, CHSH, CHSH, GGPT, BOAB, BOAB, PORT, TAMI, PULLU, PULLU, OTAV, OTAV, COTAC, COTAC, BREF, BVAC, BVAC, VCES, VCES, PIS1, IMBA, ANTG, PIAT, PIAT, ANIS, ANIS, TULM, TULM, BOSJ, BOSJ, MTOJ, TGHU, FLOE, FLOE, PRVC, DBBC, APAC, ORTC, BMAC, HELC, PTLG, PRAC, UREJ, NROC, ROSC, ROSC, ROSC, ROSC, NNA, NNA, NNA, NNA, SDV, SDV, SMRC, LLFC, TAMC, CZSB, CZSB, SDV, SDV, SDV, TBGT, TBGT, BAUV, GTBY, SDDR, SDDR, H06E1, HBVL, HBVL, PB18, PB18, PB18, 833A, LPAZ, LPAZ, LPAZ, LPAZ.

30d 16h

Table with columns: LPAZ, comp, Z, 30d, 16h, LR, LR, 1702, 26.9, etc. Lists various stations and their performance metrics.

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Table with columns: TZTN, Tazewell, 35.82, 10, P, P, 16 52 45.9 +1.9, etc. Lists various stations and their performance metrics.

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Table with columns: AAM, Ann Arbor, 41.34, 8, P, P, 16 53 32.3 +1.3, etc. Lists various stations and their performance metrics.

Table with columns: PLID, Name, Date, Time, Location, Status, Value, Change, etc. Includes entries like Pearl Lake, Lac du Bonnet, Eagleton, etc.

Table with columns: Q23K, BMRM, G31M, L27K, M26K, I29M, EYAK, F31M, N25K, N25K, EPYK, L26K, G30M, P23K, K27K, KLU, H29M, INK, INK, I28M, F30M, HARP, GLI, G29M, M24K, RES, SCRK, PAX, I27K, PWL, J26L, SCM, RIDG, SEW, M23K, A36M, H27K, KNK, I26K, K24K, SML, E29M, WAT6, KDKA, G27K, RCO1, J25K, Q20K, WAT1, E28M, HDA, PRP, PRP, SUA, ILAR, ILAR, D28M, R18K, G26K, Q19K, MCK, P19K, POKR, H25L, N20K, SKT, D27M, F26K, TRF, NEA2, Q18K, G25K, ICESG, H24K, H24K, F25K, I23K, P18K, M20A, P20A, G24K, BPAW, O18K, E25K

Table with columns: N19K, CAST, H23K, MLY, MLY, Q16K, P17K, R16K, CHUM, CHGN, M19K, F24K, CHNA, N18K, L19K, G23K, O17K, K20K, COLD, N17K, J20K, E23K, H21K, TOLK, M17K, I20K, J19K, SUMG, O15K, J18K, H20K, E22K, L16K, H19K, D22K, O14K, F20K, G19K, M14K, L15K, B21K, F19K, E19K, K15K, BORG, AFI, MDT, JMIC, ESDC, ESDC, EKA, RAO, SNA, SNA, QSPA, MSVF, SHEM, TOR, SPITS, URZ, NOA, NOA, VNOA, HFS, DAVOX, KEST, ARCES, GERES, H1S2, H1S1, H1S3, DZM, ZALV, KSR, KURB, SONM, ASAR, RZ, MKAR, WRA, HHC, WMQ, NDJ, CD2, CMAR

30d 18h

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like Hachijojimakas, Mitsune, and others.

SSNC 30 16:50:55.0, 9.18, 06N:76.45W, h8km, 73km, MD3.1, ML2.8

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like Greenwich, Hope, and others.

GUC 30 16:51:57.0, 0.8, 21.94S:68.46W, h99km, 6km, ML2.5, 4C, Chile-Bolivia border region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like IPOC Station P, Limon Verde, and others.

IDC 30 17:02:29.7, 1.8, 6.84S:129.59E, h0km, mb3.7/1, mbtmp3.5/4, ML3.5/3, Error ellipse: s-maj=64.4km

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like SAUI, BNDI, and others.

NOU 30 17:06:29.5, 17.94S:169.10E, h0km, MLv4.1/14, Vanuatu Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like RTV, LIFNC, and others.

2017 SEP

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like NOUC, PINNC, and others.

IDC 30 18:13:56.6, 1.3, 5.07S:148.08E, h0km, mb3.7/4, mbtmp3.7/8, ML3.7/3, MS3.1/2, Error ellipse: s-maj=32.7km

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like KRVT, PMG, and others.

NEIC 30 18:15:48.7, 1.9, 16.12N:0.06-94.92W, h48km, 8km, mb4.8/230, MD4.8/22(MEX), Error ellipse: s-maj=8.2km

MEX 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

GCG 30 18:15:58.9, 1.3, 15.64N:94.31W, h30km, 999km, MD4.9, IDC 30 18:15:47.1, 0.5, 15.94N:0.04-95.02W, h47km, 10km, h48km, pp-P, n523, r135/477, mb4.8/115, MS3.5/36, 10M, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like NILT, HUIG, and others.

TEIG 1µm, 0.3s, baz=138, slow=21, SNR=10, comp=Z, 91nm, 18.8s, baz=356, slow=39

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like TGUH, CRIN, and others.

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Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like TXAR, LX31, and others.

ALPN 30 18:13:57.1, 0.9, 5.00S:148.10E, h0km, n11, comp=Z, 235nm, 0.7s

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like 061Z, FW13, and others.

553A 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

Z38A 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

DWPF 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

LOOK 30 18:15:48.2, 1.0, 15.81N:95.07W, h20km, 1km, MD4.8, IDC 30 18:15:50.2, 1.6, 12N:94.81W, h69km, 21km, mb4.1/22

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLAL, OK031, FCAR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RUSC, CHIC, KS25, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NV11, ELK, NVAR, etc.

30d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G31M Satah River, G18M Gilahina Butte, BMRB Gremler River, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EKA Eskdalemuir, PCEB Puello Branco, MVO Moncorvo, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NILT Santiago Nilte, HUIG Huatulco, HUIG Huatulco, etc.

JMA 30 18:17:28.2±0.38,0.08±14'4E, h46km, MV3.6/26, FAR E OFF NORTH HONSHU, Off east coast of Honshu

IDC 30 18:31:33.0±3.4, 15.08N;94.56W, h0km, mb3.6/5, mbmp3.6/6, ML3.6/1, MS3.4/6, Error ellipse: s-maj=81.6km s-min=31.7km az=18.0

Table with columns: ORCD, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, etc.

USSS 30 18:54:43.0t.1.0.42'66N.0'01.11'46W.0.02'h3km,3km, Error ellipse: s-maj=1.7km s-min=1.6km az=127.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Sulphur Canyon, Fossil Canyon, Grays Lake, etc.

Table with columns: YHL, YMP, YMP, HLID, HLID, RDMU, RDMU, MPU, DUG, NLU, DLMT, DLMT, RLMT, RLMT, BOZ, BOZ, P18A, P18A, MFID, MFID, RWWY, RWWY, TMUT, TMUT, ELK, O2A, SRU, SRU, K22A, K22A, ELMT, ELMT, PLID, PLID, TCRU, TCRU, BEMT, MSU, MVU, N23A, PHWY, HMCU, SMC, ISCO, ISCO, WWOR, WWOR, R11B, R11B, R11B. Includes stations like Hebgun Lake, Mirror Lake, Red Mountain, etc.

ICC 30 19:19:02.3t.1.8.4'97S.68'97E. h0km, mb3.6/5, mbmp3.6/5, MS3.5/31, Error ellipse: s-maj=56.9km s-min=32.5km az=57.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, etc.

Table with columns: DAV, BELG, ZALV, SONM, SONM, MAW, MAW, ASAR, ASAR, WRA, WRA, KIRV, KIRV, JOW, JOW, KRSR, KRSR, FINES, FINES, NRIK, NRIK, HFS, HFS, NOA, NOA, SNA, SNA, NVAR, NVAR, TXAR, TXAR, TXAR. Includes stations like Davao City (W), Belgomoye, Zalesovo Beam, etc.

NOU 30 20:08:20.3t.33'58S.177'39W, h131km, mb4.6/12, South of Kermadec Islands

WEL 30 20:08:26.6t.1.6.34'S.26'17'W.2'3, h267km, 57km, M4.7/43, MB5.2/7, ML5.1/10, MLV4.9/43, MW(m)/b4.7/57, Error ellipse: s-maj=0.0km s-min=0.0km az=36.4

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like Green Lake, Matakoao Point, Matakoao Point, etc.

30d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Otaki Gorge, Mount Morrison, Kapiti Island, etc.

2017 SEP

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

ISC 30 20:14:38.0,0.6,21.47N,143.97E,h0km,mb4.3/22, mbmp4.3/24,ML3.6/2,MS4.0/71,Error ellipse: s-maj=21.0km s-min=13.0km az=77.0

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

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



DAV	Davao City (W)	22.78 234	LR	LR	20 26 37.0	YAK	comp=Z,8.8nm,0.9s	IAMB	IAMB	20 22 42.0	BRVK	comp=Z,1.1nm,0.8s	Boroyev	63.34 320	P	P	20 25 08.8 -0.5	
DAV	Tagaytay City	23.06 255	LR	LR	20 27 32.4	SEY	comp=Z,4.5nm,1.0s,baz=198,slow=6.6,SNR=4.5	P	P	20 22 31.0 +1.0	KK31	Karatay Array	63.72 308	P	IAMB	20 25 10.7 -1.4		
JAY	Jayapura	24.05 188	LR	LR	20 28 34.6	SEY	comp=Z,8.8nm,21.6s,baz=188,slow=35	LR	LR	20 38 50.3	KK31	comp=Z,6.2nm,1.2s	KARATAY Array	63.72 308	P	P	20 25 11.1 -1.0	
NJ2	Nanjing	24.67 300	eP	P	20 20 02.5 +1.0	CHTO	Chiang Mai Arr	42.20 275	P	P	20 22 33.2 -0.5	HYT	Haines Junctio	65.94 32	P	P	20 25 27.5 +1.1	
NJ2	comp=Z,5.0nm,0.5s		pP	P	20 20 17.8 +3.6	WB2	Warramunga Arr	42.22 193	P	P	20 22 33.6 -0.1	HYT	comp=Z,2.1nm,1.5s	Urevera	66.04 299	P	P	20 25 26.9 -0.7
NJ2	comp=Z,1.40nm,3.7s		pmx	pmx		WRA	Warramunga Arr	42.22 193	P	P	20 22 33.4 -0.3	URZ	Urevera	67.11 152	LR	LR	20 50 50.8	
NJ2	comp=Z,180nm,8.5s		LR	LR		WRA	Warramunga Arr	42.22 193	P	P	20 22 32.2 -1.4	INK	Inuvik	67.49 24	LR	LR	20 54 25.1	
NJ2	comp=Z,350nm,9.0s		LR	LR		WRA	comp=Z,3.2nm,1.0s,baz=14,slow=8.8,SNR=10.0	LR	LR	20 38 49.5	RPZ	comp=Z,4.3nm,21.3s,baz=190,slow=35	Rata Peaks	69.50 159	LR	LR	20 52 30.5	
NJ2	comp=Z,130nm,7.6s		LR	LR		CM31	Chiang Mai Arr	42.27 274	P	P	20 22 34.2 0.0	ARU	Arti	69.84 324	P	P	20 25 50.2 -0.6	
USA0B	Ussuriysk Arra	24.72 339	P	P	20 20 02.8 +1.0	CMAR	Chiang Mai Arr	42.27 274	P	P	20 22 34.9 +0.6	ARU	comp=Z,1.8nm,1.3s	Arti	69.84 324	LR	LR	20 25 52.4
USA0B	comp=Z,24nm,1.2s		IAMB	IAMB	20 20 31.5	CMAR	Chiang Mai Arr	42.27 274	P	P	20 22 34.6 +0.3	ARU	comp=Z,1.41nm,19.7s,baz=64,slow=37	Dease Lake	69.92 34	LR	LR	20 54 01.2
USRK	Ussuriysk Ar.	24.72 339	P	P	20 20 01.8 0.0	MND	Mandalay	44.25 280	P	P	20 22 49.5 -0.8	DLBC	Dease Lake	69.92 34	LR	LR	20 54 01.2	
USRK	Ussuriysk Ar.	24.72 339	P	P	20 20 02.7 +1.0	MND	comp=Z,6.9nm,1.2s	IAMB	IAMB	20 22 59.8	ABKAR	Abkulk array	70.18 316	P	P	20 25 52.0 -1.1		
USRK	comp=Z,10nm,1.1s,baz=152,slow=12,SNR=5.2		LR	LR	20 29 19.1	MND	comp=Z,3.5nm,19.6s,baz=95,slow=37	LR	LR	20 20 44.2	ABKAR	Abkulk array	70.18 316	P	P	20 25 52.2 -0.8		
SIJI	Sorong	25.42 211	LR	LR	20 29 03.6	ATKA	Atka Island	44.47 36	P	P	20 22 52.2 +0.7	AKTO	Aktubinsk	71.19 318	LR	LR	20 59 37.0	
MDJ	Mudanjiang	25.93 336	P	P	20 20 16.8 +4.0	ATKA	comp=Z,2.2nm,1.2s	IAMB	IAMB	20 20 21.2	BBB	Bella Bella	72.11 40	LR	LR	20 50 32.4		
MDJ	comp=Z,235nm,18.5s,baz=52,slow=34		S	S	20 24 44.0 +3.2	GOMU	GeErLuMu	44.98 300	P	P	20 22 57.8 +1.5	GIYT	Alibek	73.93 305	LR	LR	21 01 33.5	
MDJ	comp=Z,5.0nm,1.5s		S	S	20 25 05.5 +1.0	GOMU	comp=Z,6.0nm,1.2s	pmx	pmx	20 23 02.5 -2.6	KERV	Kirov	74.22 327	LR	LR	21 00 13.3		
MDJ	comp=Z,180nm,8.3s		S	S	20 27 13.5 -4.6	GOMU	comp=Z,4.7nm,3.7s	pmx	pmx		PPT	Papeete	75.82 116	LR	LR	21 07 54.6		
MDJ	comp=Z,320nm,16.8s		LR	LR		LEM	Lembang	45.38 236	LR	LR	20 43 17.4	SPITS	Spitsbergen Ar	76.16 350	LR	LR	21 04 32.2	
MDJ	comp=Z,290nm,16.5s		LR	LR		ASAR	Alice Springs	45.92 193	P	P	20 23 03.0 -0.4	YKA	Yellowknife Ar	76.33 28	LR	LR	20 58 13.0	
MDJ	comp=Z,350nm,20.7s		LR	LR		ASAR	comp=Z,3.19nm,21.6s,baz=56,slow=34	LR	LR	20 40 55.7	BELG	Belogorovye	76.99 321	LR	LR	21 01 56.2		
TNTI	Ternate	26.16 220	P	P	20 20 14.9 -0.2	RPSI	Rantau Prapat	47.55 253	P	P	20 23 16.7 +0.4	RES	Resolute Bay	77.13 13	LR	LR	21 05 38.6	
KLR	Kul'dur	29.34 344	LR	LR	20 32 38.8	RPSI	comp=Z,1.2nm,0.7s	IAMB	IAMB	20 23 43.7	H04A	Detroit Lake	77.88 47	P	P	20 26 38.7 +0.5		
MYLDM	Lahad Datu	29.48 240	P	P	20 20 45.8 +0.9	LSA	Lhasa	47.95 291	P	P	20 23 19.8 0.0	H04A	comp=Z,1.5nm,1.4s	IAMB	IAMB	20 26 44.8		
MYLDM	comp=Z,21nm,1.2s		IAMB	IAMB	20 21 09.4	DZM	Mont Dzumac	48.55 152	LR	LR	20 41 34.6	KLMR	Klimovskoe	78.22 331	eP	P	20 26 37.6 -2.1	
HNS	HongShan	29.82 309	P	P	20 20 48.5 +0.8	GSI	Guningsitoli	49.38 252	P	P	20 23 30.8 +0.4	KLMR	comp=Z,12nm,1.3s	AMP	AMP	20 26 41.0		
HNS	comp=Z,17nm,1.4s		LR	LR	20 25 48.0 +5.8	TAPN	Taplung	51.16 288	eP	P	20 23 45.6 +1.5	YBH	Yreka Bay Hor	78.44 50	P	P	20 26 42.0 +0.6	
HNS	comp=Z,240nm,16.7s		LR	LR		WMQ	Urumqi	51.24 310	eP	P	20 23 44.8 +0.6	J05D	Fort Rock, OR	78.98 48	P	P	20 26 45.0 +0.6	
HNS	comp=Z,190nm,15.1s		LR	LR		WMQ	comp=Z,2.1nm,1.3s	LR	LR		ARCES	ARCCESS Array B	79.34 342	P	P	20 26 45.6 -0.1		
HNS	comp=Z,270nm,15.1s		LR	LR		WMQ	comp=Z,1.16nm,20.1s,baz=68,slow=39	LR	LR		ARCES	comp=Z,6.2nm,1.0s	LR	LR	21 06 02.9			
HEH	HeiHe	31.53 340	eP	P	20 21 03.0 +0.5	MSVF	Nonsavu	51.35 137	LR	LR	20 44 16.3	AFDM	Forest Hills D	80.61 52	P	P	20 26 54.2 +1.0	
HEH	comp=Z,23nm,1.4s		pP	P	20 21 11.3 +0.3	RAMN	Ramite	52.19 288	eP	P	20 23 50.8 -0.9	AFDM	comp=Z,10nm,1.4s	IAMB	IAMB	20 26 56.2		
HEH	comp=Z,120nm,6.8s		S	S	20 26 08.3 -0.4	JIRN	Jiri	52.46 289	eP	P	20 23 54.7 +0.8	BMO	Blue Mountains	81.10 45	P	P	20 26 55.9 +0.1	
HEH	comp=Z,370nm,16.1s		pmx	pmx		STKA	Stevens Creek	53.10 182	P	P	20 23 56.9 -1.1	YERR	Yerington	81.86 51	P	P	20 27 00.9 +0.8	
HEH	comp=Z,440nm,17.3s		LR	LR		STKA	comp=Z,2.0nm,0.8s,baz=342,slow=9.6,SNR=1.6	LR	LR	20 46 44.5	YERR	comp=Z,9.4nm,1.2s	Oblinsk	82.04 326	LR	LR	21 05 09.2	
HEH	comp=Z,360nm,17.3s		LR	LR		PKI	Pulchoki	53.16 289	eP	P	20 23 58.2 -0.9	MFID	Camas Ranch	82.62 46	P	P	20 27 04.7 +0.9	
QIZ	Qiongzong	32.02 272	P	P	20 21 06.8 -0.5	PKIN	Phulchoki	53.17 289	eP	P	20 23 58.4 -0.7	MFID	comp=Z,6.4nm,1.1s	LR	LR	20 27 07.0		
QIZ	comp=Z,67nm,8.2s		S	S	20 26 15.3 -1.8	DMN	Daman	53.42 289	eP	P	20 24 00.0 -0.9	NVAR	NVAR	82.75 52	P	P	20 27 05.3 +0.6	
QIZ	comp=Z,98nm,7.5s		LR	LR		GKN	Gorkha	53.79 290	eP	P	20 24 03.6 +0.2	NVAR	Mina Array Bea	82.75 52	P	P	20 27 05.6 +0.8	
QIZ	comp=Z,97nm,12.3s		LR	LR		DANN	Dangsing	54.51 290	eP	P	20 24 09.0 +0.1	NVAR	comp=Z,2.8nm,0.8s,baz=280,slow=4.9,SNR=14	LR	LR	20 56 53.4		
PEA0B	Petrovskovsk-	33.30 15	P	P	20 21 19.8 +1.7	ZAAO	Zalesovo Array	54.80 322	P	P	20 24 09.2 -1.0	NV11	Mina Array Sit	82.85 52	P	P	20 27 05.6 +0.4	
PETK	Petrovskovsk-	33.30 15	LR	LR	20 32 49.6	ZAAO	comp=Z,1.4nm,1.4s	IAMB	IAMB	20 24 11.8	NV11	comp=Z,12nm,1.4s	IAMB	IAMB	20 27 10.3			
HHC	Hu-ho-hao-te	33.48 313	eP	P	20 21 21.0 +1.1	ZALV	Zalesovo Beam	54.80 322	P	P	20 24 09.3 -0.9	KBZ	comp=Z,4.9nm,0.9s,baz=43,slow=12,SNR=6.4	LR	LR	21 07 10.6		
HHC	comp=Z,19nm,0.6s		pmx	pmx		ZALV	Zalesovo Beam	54.80 322	P	P	20 24 09.8 -0.4	KBZ	comp=Z,9.6nm,20.1s,baz=102,slow=38	LR	LR	21 07 27.1		
HHC	comp=Z,120nm,5.5s		LR	LR		ZALV	comp=Z,3.1nm,0.9s,baz=107,slow=7.9,SNR=12	LR	LR	20 48 16.1	KVAR	Kislovodsk Arr	83.05 314	LR	LR	21 07 27.1		
HHC	comp=Z,300nm,15.7s		LR	LR		PYUN	Pluthan	55.22 290	eP	P	20 24 12.2 -1.7	GNI	Garni	83.11 310	LR	LR	21 07 57.0	
HHC	comp=Z,340nm,17.2s		LR	LR		MK31	Makanchi Array	55.34 313	P	P	20 24 13.3 -1.0	AKH	Akhalkalaki	83.50 312	P	P	20 27 09.2 +0.6	
HIA	Hailar	33.73 331	P	P	20 21 21.1 -0.8	MKAR	Makanchi Array	55.34 313	P	P	20 24 13.8 -0.5	MKAR	Makanchi Array	55.34 313	P	P	20 27 07.1 -1.6	
BTO	Baotou	34.45 311	eP	P	20 21 26.5 -1.8	MKAR	Makanchi Array	55.34 313	P	P	20 24 14.3 +0.1	MKAR	comp=Z,2.7nm,0.9s,baz=95,slow=8.6,SNR=14	P	P	20 25 13.5 -1.1		
BTO	comp=Z,20nm,0.8s		pP	P	20 21 41.8 +0.6	MKAR	comp=Z,0.7nm,0.5s,baz=82,slow=4.0,SNR=8.2	LR	LR	20 48 49.2	MKAR	comp=Z,1.44nm,19.9s,baz=46,slow=37	LR	LR	20 48 49.2			
BTO	comp=Z,150nm,5.2s		sP	P	20 21 49.0 +8.4	AFI	AfiamaLu	55.93 125	LR	LR	20 43 49.4	AFI	comp=Z,7.7nm,0.9s	LR	LR	20 43 49.4		
BTO	comp=Z,600nm,15.3s		PP	P	20 22 45.0 -1.6	N19K	Bonanza Creek	57.70 31	P	P	20 24 32.4 +1.5	N19K	comp=Z,8.9nm,19.3s,baz=102,slow=31	LR	LR	20 24 35.9		
BTO	comp=Z,500nm,17.1s		S	S	20 26 48.8 -5.7	N19K	comp=Z,13nm,1.2s	IAMB	IAMB	20 24 35.9	KDAK	Kodiak Island	57.99 34	LR	LR	20 46 29.7		
BTO	comp=Z,20nm,0.8s		pmx	pmx	20 27 13.0 +4.0	KDAK	Kodiak Island	57.99 34	LR	LR	20 46 29.7	KURK	Kurchatov	58.10 317	P	P	20 24 32.6 -1.1	
BTO	comp=Z,150nm,5.2s		LR	LR		KURK	Kurchatov Arra	58.10 317	P	P	20 24 33.8 -0.3	KURB	Kurchatov	58.15 317	P	P	20 24 33.8 -0.3	
BTO	comp=Z,600nm,15.3s		LR	LR		KURB	comp=Z,1.2nm,1.0s,baz=95,slow=7.7,SNR=5.2	LR	LR	20 51 22.8	KURB	comp=Z,1.49nm,18.4s,baz=150,slow=38	LR	LR	20 51 22.8			
BTO	comp=Z,500nm,17.1s		LR	LR		NRIK	Noril'sk	58.43 340	P	P	20 24 35.5 -0.2	NRIK	comp=Z,12nm,1.0s	LR	LR	20 24 35.5 -0.2		
BTO	comp=Z,570nm,13.9s		LR	LR		NRIK	Noril'sk	58.43 340	P	P	20 24 34.8 -0.9	NRIK	comp=Z,3.3nm,0.5s,baz=146,slow=6.2,SNR=6.4	LR	LR	20 24 34.8 -0.9		
HNR	Honiara	34.52 151	LR	LR	20 36 10.8	NRIK	comp=Z,240nm,19.6s,baz=116,slow=37	LR	LR	20 50 26.6	K20K	Telida	58.53 28	P	P	20 24 37.8 +1.2		
COEN	Coen	34.52 181	P	P	20 21 36.0 +0.9	K20K	comp=Z,3.3nm,0.5s	IAMB	IAMB	20 24 40.0	J20K	comp=Z,7.9nm,1.1s	LR	LR	20 24 38.1 +0.3			
COEN	comp=Z,16nm,1.2s		IAMB	IAMB	20 21 47.2	J20K	comp=Z,3.8nm,1.1s	LR	LR	20 24 43.4 +0.9	IMAR	Indian Moun	59.25 25	P	P	20 24 43.4 +0.9		
KAPI	Kappang	35.41 225	LR	LR	20 35 24.8	IMAR	Indian Moun	59.25 25	P	P	20 24 43.4 +0.9	CAST	Castle Rocks	59.42 28	P	P	20 24 43.4 +0.9	
BATI	Baumata	37.24 214	LR	LR	20 34 48.6	CAST	comp=Z,5.6nm,1.0s	IAMB	IAMB	20 24 46.3	H21K	Melezoa Rive	59.68 25	P	P	20 24 46.4 +1.9		
LZH	Lanzhou	37.74 302	eP	P	20 21 58.0 +1.4	LZH	Lanzhou	59.80 206	LR	LR	20 51 48.7	NWAO	Narogin (SRO)	59.80 206	LR	LR	20 51 48.7	
LZH	comp=Z,12nm,1.0s		pP	P	20 22 11.3 +1.8	LZH	comp=Z,6.9nm,18.1s,baz=246,slow=37	LR	LR	20 54 50.3 +3.6	KSH	Kashi	59.91 304	P	P	20 25 33.5 +0.7		
LZH	comp=Z,210nm,14.4s		LR	LR		LZH	comp=Z,4.0nm,1.7s	pmx	pmx		KSH	comp=Z,4.0nm,1.7s	pmx	pmx				
LZH	comp=Z,250nm,15.5s		LR	LR		BPAW	Bear Paw Mtn.	60.05 27	P	P	20 24 47.7 +0.7	BPAW	comp=Z,5.8nm,1.0s	LR	LR	20 25 06.7		
LZH	comp=Z,250nm,18.0s		LR	LR		BPAW	comp=Z,12nm,1.0s	IAMB	IAMB	20 25 06.7	TRF	Thorafore Moun	60.21 28	P	P	20 24 48.5 +0.2		
MA2	Magadan	38.37 6	LR	LR														

Table with columns: TXAR, VNDA, SCHO, PLCA, LPAZ. Includes station names like Lajitas Array, Vanda, Schefferville, Paso Flores, La Paz and their respective frequencies and parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARCES ARCES Array B, ILAR Eielson Array, FINES FINES Array B, MKAR Makanchi Array, TXAR Lajitas Array, TORD Torodi Ar. Bea.

NEIC 30 20:33:36.0±0.5, 19°24'N±0.04°, 155°48'W±0.02°, h42km±2km, Error ellipse: s-maj=5.6km s-min=2.6km az=179.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BHC Hot Caves, KHU Kahuku, KHI Kahu, AIN Ainahou, HLP Hiilina Pali.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDHH Sand Hill, WRMH West Rim, RIM Rim, KKO Keanakako'i.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NPH North Pt, UWE Uwekahuna, OBL Observatory Le, UWB Uwekahuna B, BYL Byron's Ledge.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SBLH Steaming Bluff, HATHI Halema'uma'u T, PUAH Pauahi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MAUNA LOA, MWH Moku'aweo, RSD Rained, KAPU Kapu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RSD Rained, KANH Kane Nui o Ham, MLOA Mauna Loa Obse.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MLOA Alea Permant, ALEP Alea Permant, STCH Steam Cracks.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NPOC North of Pu'u, JUJU Jucuzzi, KAPU Kapu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HUH Hualalai, HUH Hualalai, HUH Hualalai.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JOKA Jonika Flow, POHA Pohakuloa, POHA Pohakuloa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KHLU Kahalu'u, HUH Hualalai, HUH Hualalai.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HUH Hualalai, HUH Hualalai, HUH Hualalai.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MHA Mahukona, MHA Mahukona, HLK Haleakala.

NEIC 30 20:33:46.9±2.3, 17°32'N±0.08±6.50W±0.03, h35km±2km, Error ellipse: s-maj=13.2km s-min=6.9km az=127.0.

ML3.4/8, Md3.2/4(RSPR), Error ellipse: s-maj=13.2km s-min=3.8km az=6.0. OSPL 30 20:33:47.8±3.0, 17°53'N±68.51°W, h31km±338km, ML3.5 SDD 30 20:33:48.7±2.3, 17°58'N±68.46°W, h71km±11km, MD3.5, ML3.2, MW3.4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SADR Isla Saona, PCDR Punta Cana, DR, HADR Higüey Centro.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MIDR Miches, PRSN Puerto Rico Se, SDD Santo Domingo.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDD Santo Domingo, SDD Santo Domingo, SDD Santo Domingo.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDD Santo Domingo, SDD Santo Domingo, SDD Santo Domingo.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GBRP Guanica, BOSQU, BANI BANI, BANI BANI.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NADR Nagua, LONA1 Toro Cenizo, N, LONA1 Toro Cenizo, N.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SJG San Juan, SC01 Santiago de lo, SC01 Santiago de lo.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PODR Polo, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HATO Hato, Curacao, HATO Hato, Curacao, MAGL Barre de l'ile.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GDSL La Desirade Is, BIM Bigot, BIM Bigot.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MFORM Morne Pois Mar, GRGR Grenville, BAUV El Baul.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDV Santo Domingo, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban.

Table with columns: ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MEEK Meekatharra, QIS Quesada, COEN Coen.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MORW Morawa, OOD Oodnadatta, BLDU Ballidu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FORT Forrest, FLTR Forrest, KLBK Leigh Creek.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BBOO Buckleboob, BBOO Buckleboob, HTT Hallett.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PZH PanZhihua, TAPN Taping, RAMN Ramite.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, JIRN Jirinec, GUN Gumba.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PKI Pulchoki, PKIN Pulchoki, GKN Gorkha.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like XLT XilinHaoTe, DANN Dangsing, PYUN Pluthan.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like USA0B Ussuriysk Arra, USA0B Ussuriysk Arra, USRK Ussuriysk Ar.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TUWZ Tuamarina, SONM Songino Array, WMQ Urumqi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NIL Nil, MK31 Makanchi Array, MK31 Makanchi Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BOOM Boomskeye usch, KBL Kabil, AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KK31 Karatay Array, KKAR Karatay Array, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KURB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ABKAR Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TOR1 Torodi Ar. Bea, UCR 30 20:45:03.2±1.2, 9°96'N±83.89°W.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VICA Volcano Irazu, RAFA Rafta, COMON Coronado.





COLD Coldfoot	57.04	26	P	P	21 16 30.4 +1.3	KLBR Kellerberrin	62.58	201	P	P	21 17 06.4 -0.2	YKA Yellowknife Ar	72.59	28	P	P	21 18 07.8 +0.3
G23K Banana Creek	57.05	26	P	P	21 16 30.6 +1.3	F30M Barrier River	62.59	25	P	P	21 17 07.3 +1.1	BIDO Bidbid	72.69	288	P	P	21 18 09.8 +1.0
D23K Nanusuk River	57.10	24	P	P	21 16 31.1 +1.5	I30M Mount Dempster	62.63	28	P	P	21 17 07.2 +0.6	SMDO Samad	72.94	287	P	P	21 18 10.6 +0.2
H23K Yukon River	57.15	28	P	P	21 16 31.0 +1.1	J30M Hart River	62.72	29	P	P	21 17 08.1 +0.8	JMDO Jabal Madar	73.16	287	P	P	21 18 11.5 -0.1
KK31 Karatay Array	57.24	305	P	P	21 16 31.5 +0.5	M30M Minto, Yukon	62.78	31	P	P	21 17 08.4 +0.8	HOQ Hoqain	73.36	288	P	P	21 18 13.1 +0.4
KK31 Karatay Array	57.24	305	P	IAMB	21 16 32.3	N30M Aishikh Lake	62.80	32	P	P	21 17 08.3 +0.6	SHME Shamm	73.37	291	P	P	21 18 13.7 +1.0
KK31 Karatay Array	57.24	305	P	P	21 16 31.5 +0.5	ARU Arti	62.85	322	P	P	21 17 07.9 -0.1	SHME Shamm	73.37	291	P	P	21 18 13.9 +1.2
KKAR Karatay Array	57.24	305	P	P	21 16 31.3 +0.3	ARU Arti	62.85	322c	P	P	21 17 07.4 -0.6	KTKKI Kautokaino	73.39	340	eP	P	21 18 11.9 -0.2
KKAR Karatay Array	57.24	305	P	P	21 16 31.3 +0.3	ARU			S	S	21 17 39.4	MDH Madha	73.53	290	P	P	21 18 13.1 -0.6
C23K Itkillik River	57.26	23	P	P	21 16 31.7 +1.1	ARU			SS	SS	21 24 58.7 +0.7	MDH Madha	73.53	290	P	P	21 18 13.0 -0.6
E23K Chandalar	57.36	25	P	P	21 16 32.6 +1.1	ARU			SS	SS	21 29 13.1 -1.0	MASF Masafi	73.62	290	P	P	21 18 15.1 +0.9
TOLK Toolik Lake Re	57.45	24	P	P	21 16 33.3 +1.3	P30M Million Dollar	63.05	34	P	P	21 17 10.0 +0.6	MSFE Esma-Masafi	73.62	290	P	P	21 18 15.1 +0.8
BTK Batken	57.51	302	P	IAMB	21 16 33.0 0.0	G31M Satah River	63.26	26	P	P	21 17 10.8 +0.3	UOSS Minazif	73.75	290	P	IAMB	21 18 14.8 -0.2
BTK Batken	57.51	302	P	P	21 16 33.0 0.0	INK Inuvik	63.36	25	P	P	21 17 11.2 +0.1	UOSS Minazif	73.75	290	P	P	21 18 15.0 0.0
MEEK Meskatharra	57.73	203	P	P	21 16 34.0 -0.5	INK Inuvik	63.36	25	P	P	21 17 11.2 +0.1	BSY Bisya	73.78	287	P	P	21 18 15.5 +0.3
IUG IUG	57.74	304	P	P	21 16 35.3 +0.8	INK Inuvik	63.36	25	P	P	21 17 11.4 +0.4	SOHO SOHO	73.79	289	P	P	21 18 15.2 +0.1
LCKR Leigh Creek	57.75	182	P	P	21 16 35.4 +0.9	INK Inuvik	63.36	25	P	P	21 17 11.0 -0.1	SOHO SOHO	73.79	289	P	P	21 18 15.4 +0.3
D24K Happy Valley	57.78	24	P	P	21 16 35.3 +1.1	ABKAR Akbulak array	63.37	314	P	P	21 17 11.3 -0.2	MHTO MHTO	73.83	285	P	P	21 18 15.4 0.0
E24K Your Creek	57.79	25	P	P	21 16 35.7 +1.4	ABKAR Akbulak array	63.37	314	P	IAMB	21 17 11.4 -0.2	PGC Sidney	73.84	43	P	IAMB	21 18 16.1 +1.2
H24K Noodor Dome	57.83	28	P	P	21 16 35.7 +1.0	ABKAR Akbulak array	63.37	314	P	IAMB	21 17 12.2	HATD Hatta, Dubai	73.86	290	P	P	21 18 16.2
MULG Mulgathing	57.84	186	P	P	21 16 34.3 -0.8	H31M Peel River	63.39	27	P	P	21 17 12.3 +0.8	HATD Hatta, Dubai	73.86	290	P	P	21 18 16.2 +0.6
C24K Franklin Bluff	57.90	23	P	P	21 16 35.8 +0.9	F31M Tsiigehitic	63.40	26	P	P	21 17 11.5 +0.2	VRH Novokhoporsk	73.89	320	eP	P	21 18 12.8 -2.4
F24K Squaw Lake	57.96	26	P	P	21 16 37.2 +1.6	MUN Mundaring	63.45	203	P	P	21 17 12.4 +0.2	VRH Novokhoporsk	73.89	320	eP	P	21 18 12.8 -2.4
HLK Halekala	57.98	82	P	P	21 16 38.1 +1.4	M31M Drury Creek, Y	63.94	31	P	P	21 17 13.3 -1.7	ASHO Ashiyah	73.97	290	P	P	21 18 16.4 +0.2
CHM Chikmat	58.02	305	eP	P	21 16 36.7 +0.3	NWAO Narrogin (SRO)	63.98	201	P	P	21 17 15.7 +0.1	ASHO Ashiyah	73.97	290	P	P	21 18 16.6 +0.4
CHM Chikmat	58.02	305	eP	P	21 16 36.7 +0.3	NWAO Narrogin (SRO)	63.98	201	P	P	21 17 15.9 +0.3	ARQ Araqi	74.12	288	P	P	21 18 17.4 +0.3
G24K Hadweenic Riv	58.05	27	P	P	21 16 37.9 +1.7	NWAO Narrogin (SRO)	63.98	201	P	P	21 17 15.7 +0.1	NAZ Nawza, Dubai	74.18	290	P	P	21 18 19.0 +1.6
ILAR IELSON ARRAY	58.25	29	P	P	21 16 36.7 -0.3	ARPS Mount Arapiles	64.42	31	P	P	21 17 16.1 +0.2	NAZ Nawza, Dubai	74.18	290	P	P	21 18 17.5 +0.1
KLU Klutina	58.57	33	P	P	21 16 39.0 -0.8	FARO Faro, Yukon	64.42	31	P	P	21 17 17.6 -0.5	NAZ Nawza, Dubai	74.18	290	P	P	21 18 17.5 +0.1
G25K Bearman Lake	58.60	27	P	P	21 16 41.4 +1.6	N32M Quiet Lake	64.75	32	P	P	21 17 20.5 +0.3	MOS Moscow	74.20	325	eP	P	21 18 15.6 -1.3
D25K Kavir River	58.67	24	P	P	21 16 41.4 +1.1	S32K Killisnoo	64.76	37	P	P	21 17 18.0 -2.2	MOS Moscow	74.20	325	eP	P	21 18 15.6 -1.3
H25L Birch Creek	58.69	27	P	P	21 16 41.7 +1.3	P32M Atlin	64.76	34	P	P	21 17 17.2 -3.1	TRO Tromso	74.26	342	eP	P	21 18 16.8 -0.2
ARMA Armidale	58.75	168	P	P	21 16 41.9 +0.5	XMAS Kiritimat	64.81	102	P	P	21 17 22.5 +1.2	FAQ Ai Faqa, Dubai	74.34	290	P	P	21 18 18.0 -0.3
ARMA Armidale	58.75	168	P	P	21 16 41.2 -0.2	TOO Toolangi	65.03	175	P	P	21 17 23.1 +0.9	FAQ Ai Faqa, Dubai	74.34	290	P	P	21 18 18.0 0.0
F25K Christian River	58.82	26	P	P	21 16 43.1 +1.7	TOO Toolangi	65.03	175	P	IAMB	21 17 22.7	ALNE Al Ain	74.48	289	P	P	21 18 19.6 +0.5
E25K Arctic Village	58.88	25	P	P	21 16 43.3 +1.6	TOO Toolangi	65.03	175	P	P	21 17 22.4 +0.2	ALNE Al Ain	74.48	289	P	P	21 18 19.6 +0.5
HARP HAARP	58.92	32	P	P	21 16 42.4 +0.3	TOO Toolangi	65.03	175	P	P	21 17 23.1 +0.9	ASUD AI Ashush, Dub	74.61	290	P	P	21 18 20.1 +0.4
RIDG Independent Ri	59.05	30	P	P	21 16 42.8 -0.2	P33M Teslin, Yukon	65.07	33	P	P	21 17 22.5 +0.2	ASUD AI Ashush, Dub	74.61	290	P	P	21 18 20.2 +0.4
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	A36M Herat	65.53	297	P	P	21 17 25.9 +0.1	BKZ Black Stump Fm	74.64	151	P	P	21 18 19.7 +0.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.3 +0.2	HRA Herat	65.53	297	P	P	21 17 25.9 +0.1	LPSR Galich'ya Gora	74.87	322	eP	P	21 18 19.1 -1.6
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	Q32M Nakina River	65.62	35	P	P	21 17 26.2 +0.3	LPSR Galich'ya Gora	74.87	322	eP	P	21 18 19.1 -1.6
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	U33K Whale Pass	65.84	38	P	P	21 17 27.8 +0.7	AJN Ajan	74.92	290	P	P	21 18 21.5 0.0
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	CRAC Craig	66.00	38	P	P	21 17 28.7 +0.7	AJN Ajan	74.92	290	P	P	21 18 21.7 +0.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	R33M Jennings River	66.17	34	P	P	21 17 30.6 +1.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	S34M Telegraph Cree	66.46	36	P	P	21 17 32.5 +1.7	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	S34M Telegraph Cree	66.46	36	P	P	21 17 32.5 +1.7	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.2 +0.3	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P	P	21 17 31.3 +0.4	OBN Obninsk	75.02	325	eP	P	21 18 20.2 +1.2
STKA Stephens Creek	59.17	178	P	P	21 16 44.1 +0.1	C36M Paulatuk	66.51	23	P								

30D 21h

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MTSE, SIRT, ABTO, MNK, MSS, etc.

2017 SEP

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TPNV, RMP, RLMT, LOHW, etc.

2180

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VYHS, VYHS, VYHS, etc.



30d 21h

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like VRDI, 014K, J20K, etc.

2017 SEP

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like H17K, PNL, K13K, etc.

2182

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like C23K, MMPY, U33K, etc.







Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CASV Casey, VNSA Vanda, VNSA Vanda, VNSA Vanda, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OSTRAVA KRASNE, MORAVSKY BEROU, LIPTOVSKA ANNA, etc.

Text containing seismic event details: BJI 30 23:15:23.5,0,0,3:50N;128.71E, h10km, mb5.2/88, mB5.2/77, Ms5.3/93, M5.7 5.0/83, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TERNATE, DAVAO CITY, LABUHA, SANANA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BEINAN, NGAWI, TA-PU, SEMARANG, etc.



Table with columns for station call signs (e.g., HHC, HHC, CN2), frequencies, and various status indicators (e.g., LR, LR, eP, S).

Table with columns for station call signs (e.g., TOO, TOO, TOO), frequencies, and various status indicators (e.g., P, P, P, Pmax).

Table with columns for station call signs (e.g., MSVF, MSVF, WMQ), frequencies, and various status indicators (e.g., pmax, pmax, LR).









Table with columns: YKA, Yellowknife Ar, 98.63 25 i P, Pdif, pmax, 23 29 07.8 +0.4

Table with columns: E08A, Dider Farm, El, 102.39 41 IAMS\_20 IAMS\_20, 00 11 29.4

Table with columns: TPNV, Topopah Spring, 107.50 49 IAMS\_20 IAMS\_20, 00 19 46.6

3023 23h

Table listing astronomical observations for 3023 23h, including station names (e.g., MTE, KSU1), object names (e.g., Manteigas, Kansas State U), coordinates, and observation parameters.

2017 SEP

Table listing astronomical observations for 2017 SEP, including station names (e.g., PLCA, TGUH), object names (e.g., comp=Z, 2.7nm, 0.7s), coordinates, and observation parameters.

2192

Table listing astronomical observations for 2192, including station names (e.g., PSBA, PAGU), object names (e.g., Serra de Santa, Agualva, Azore), coordinates, and observation parameters.

2193

Table with columns: HLID, Station Name, Az, Phase, ID, Time, Res. Includes stations like Hailey, Red Mountain, Maple Canyon, etc.

NEIC 30 23:39:36.6-0.6, 42.66N, 0.0111, 111.46W, 0.01, h6km, 2km, ML3.2/34, ML3.1/12(UUSS), Error ellipse: s-maj=1.6km, s-min=1.2km, az=170.0

UUSS 30 23:39:37.1-0.8, 42.657N, 0.009, 111.453W, 0.006, h2km, 2km, Error ellipse: s-maj=1.4km, s-min=0.4km, az=202.0

IDC 30 23:39:38.0-1.3, 42.58N, 111.37W, h0km, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=28.8km, s-min=5.8km, az=160.0

ISC 30 23:39:36.7-0.9, 42.66N, 0.02-111.46W, 0.03, h9km, 6km, n31, c0597/34, Eastern Idaho

Main station list table for 2193 with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes Sulphur Canyon, Fossil Canyon, Auburn Hatcher, etc.

JMA 30 23:48:02.3-0.3, 45.1N, 141.7E, h289km, 2km, MV3.4/36, SOYA REGION

IDC 30 23:48:04.0-3.3, 45.78N, 141.77E, h272km, 41km, mb3.1/8, mbtmp3.7/9, Error ellipse: s-maj=67.3km, s-min=18.1km, az=178.0

ISC 30 23:48:02.6-0.7, 45.17N, 0.09-141.90E, 0.08, h287km, 6km, n24, c1529/32, mb3.2/8, Hokkaido region

Main station list table for 2193 (continued) with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes Keihoku, Rishiri, Soyas, etc.

2017 SEP

Table with columns: BVAR, Station Name, Az, Phase, ID, Time, Res. Includes Borovoye Array, FINESS Array B, etc.

SOME 30 23:56:47.9, 42.77N, 76.27E, h5km, KRNET 30 23:56:47.7-0.1, 42.75N, 76.25E, h14km, mb2.6

NINC 30 23:56:48.5-0.6, 42.82N, 76.23E, h0km, mb2.9, mpv3.0, Tokor ellipse: s-maj=7.7km, s-min=1.8km, az=170.0

KNET 30 23:56:49.1-0.7, 42.68N, 76.10E, h0km, ml1.7, Error ellipse: s-maj=6.7km, s-min=2.8km, az=43.0

ISC 30 23:56:48.3-1.0, 42.76N, 0.02-76.23E, 0.01, h4km, 10km, n52, c0579/95, 27C-9D, Lake Issyk-Kul region

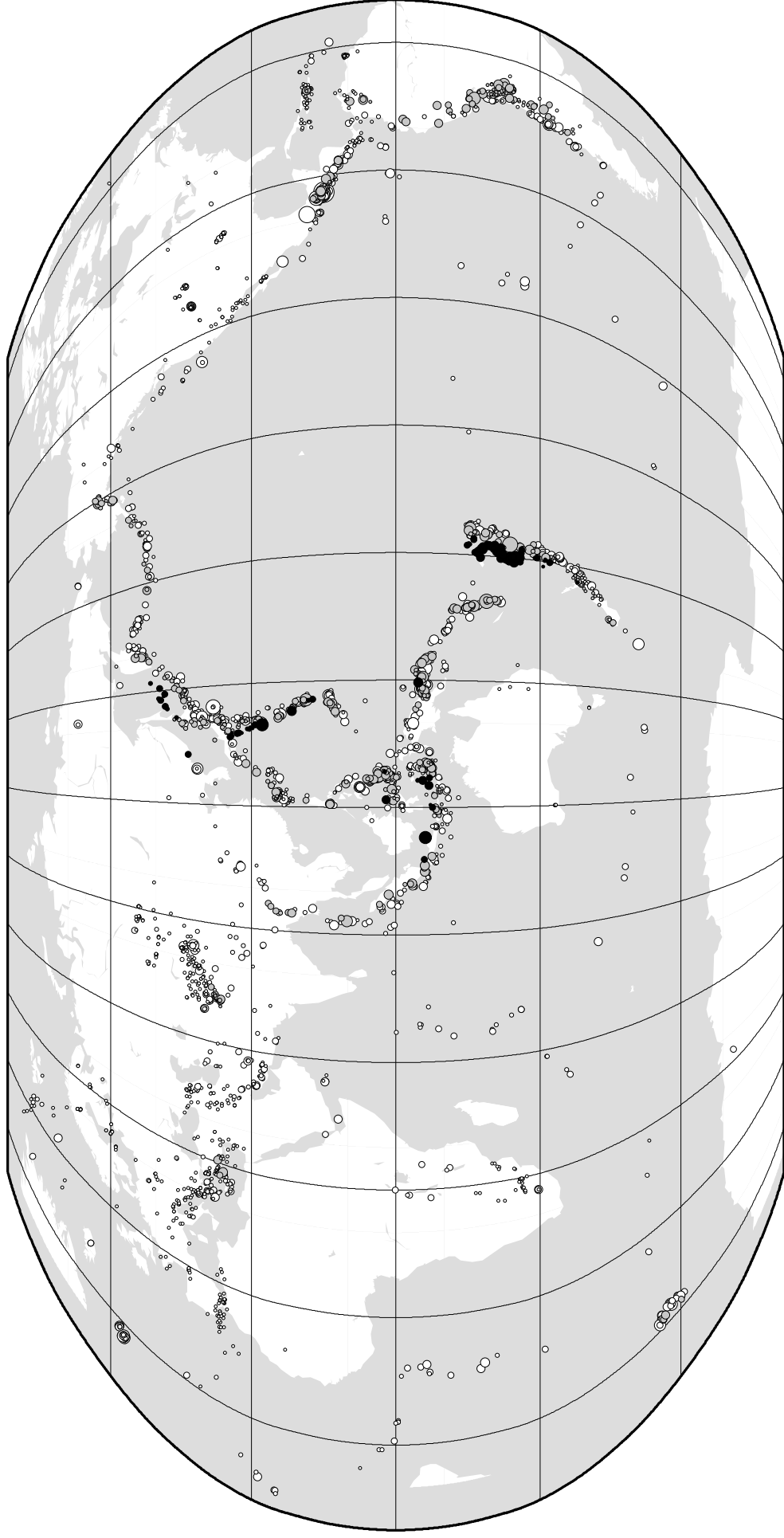
Main station list table for 2017 SEP with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes Boomskeye usch, Kastek, Zvestkoviy, etc.

30d 23h

Table with columns: EKS2, Station Name, Az, Phase, ID, Time, Res. Includes Erkin-Say, ARXS, ARXS Arhary, etc.

Table with columns: AML, Station Name, Az, Phase, ID, Time, Res. Includes Almayashu, Uzynbulak, UZB, etc.

# ISC Computed Locations for September 2017



Robinson Projection, centred on 0°N,130°E

